Hisense

R32
Refrigerant

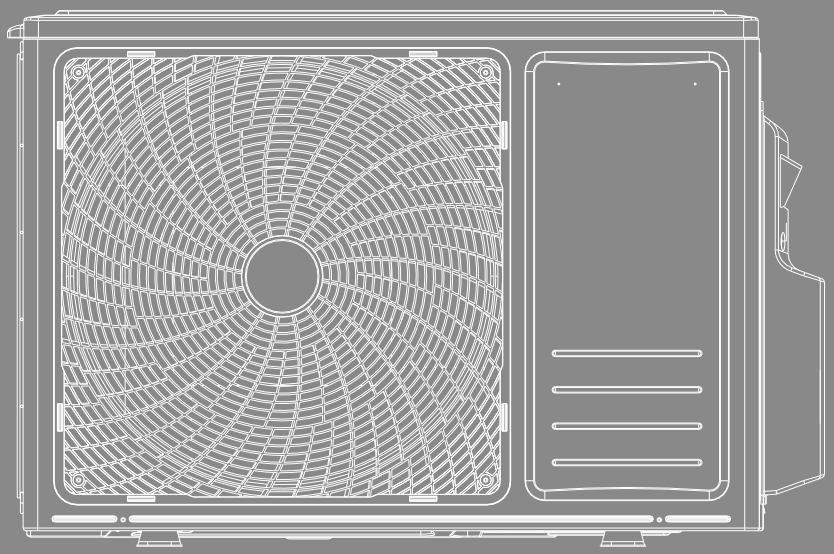
TECHNICAL & SERVICE MANUAL V2.0

—MULTI-SPLIT TYPE AIR CONDITIONERS

Models:

<Outdoor Unit>

AMW2-12U4RGC
AMW2-14U4RGC
AMW2-18U4RXC
AMW3-21U4RJC
AMW3-24U4RJC
AMW4-24U4RJC
AMW4-27U4RJC



Model Comparison Table

Category	Factory Model	Model in Set
Multi-Split Outdoor Model	AMW2-12U4RGC	2AMW35U4RGC
	AMW2-14U4RGC	2AMW42U4RGC
	AMW2-18U4RXC	2AMW52U4RXC
	AMW3-21U4RJC	3AMW62U4RJC
	AMW3-24U4RJC	3AMW72U4RJC
	AMW4-24U4RJC	4AMW72U4RJC
	AMW4-27U4RJC	4AMW81U4RJC

SAFETY SUMMARY

IMPORTANT NOTICE

- We pursue a policy of continuing improvement in design and performance of products. The right is therefore reserved to vary specifications without notice.
- We cannot anticipate every possible circumstance that might involve a potential hazard.
- This air conditioner is designed for standard air conditioning only. Do not use this air conditioner for other purposes such as drying clothes, refrigerating foods or for any other cooling or heating process. Do not let the air-out face animals or plants, it might have an adverse effect on them.
- The installer and system specialist shall secure safety against leakage according to local regulations or standards.
- Signal words (DANGER, WARNING and CAUTION) are used to identify levels of hazard seriousness. Definitions for identifying hazard levels are provided below with their respective signal words.

⚠DANGER : Immediate hazards which WILL result in severe personal injury or death.

⚠WARNING : Hazards or unsafe practices which COULD result in severe personal injury or death.

⚠CAUTION : Hazards or unsafe practices which COULD result in minor personal injury or product or property damage.

NOTE : Useful information for operation and/or maintenance.

- Installation should be performed by the dealer or other professional personnel. Improper installation may cause water leakage, electrical shock, or fire.

⚠DANGER

- Do not perform installation work, refrigerant piping work, drain piping and electrical wiring connection without referring to our installation manual. If the instructions are not followed, it may result in a water leakage, electric shock or a fire.
- Use refrigerant R32 in the refrigerant cycle.
- Do not pour water into the indoor or outdoor unit. These products are equipped with electrical parts. If poured, it will cause a serious electrical shock.
- Do not open the service cover or access panel for the indoor or outdoor units without turning OFF the main power supply.
- Do not touch or adjust safety devices inside the indoor or outdoor units. If these devices are touched or readjusted, it may cause a serious accident.
- Refrigerant leakage can cause difficulty in breathing due to insufficient air. Turn OFF the main switch, extinguish any naked flames and contact your service contractor, if refrigerant leakage occurs.
- Do perform air-tight test. Do not charge oxygen, acetylene or other flammable and poisonous gases into the refrigerant cycle when performing a leakage test or an air-tight test. These types of gases are extremely dangerous and can cause an explosion. It is recommended that nitrogen be used for this test.
- The installer and system specialist shall secure safety against refrigerant leakage according to local regulations or standards.
- Use an ELB (Electric Leakage Breaker). In the event of a fault, there is danger of an electric shock or a fire if it is not used.

⚠WARNING

- Do not use any sprays such as insecticide, lacquer, hair spray or other flammable gases within approximately one (1) meter from the system.

- If circuit breaker or fuse is often activated, stop the system and contact your service contractor.
- Check that the ground wire is securely connected. If the unit is not correctly grounded, it will lead to electric shock. Do not connect the ground wiring to gas piping, water piping, lightning conductor or ground wiring for telephone.
- Before performing any brazing work, check to ensure that there is no flammable material around when using refrigerant. Be sure to wear leather gloves to prevent cold injuries.
- Protect the wires, electrical parts, etc. from rats or other small animals.
  If not protected, rats may gnaw at unprotected parts, which may lead to fire.
- Fix the cables securely. External forces on the terminals could lead to a fire.
- Install the air conditioner on a solid base that can support the unit weight. An inadequate base or incomplete installation may cause injury in the event the unit falls off the base. Incomplete connections or clamping may cause terminal overheating or fire.
- Make sure that the outdoor unit is not covered with snow or ice, before operation.

⚠CAUTION

- Do not step or put any material on the product.
- Do not put any foreign material on the unit or inside the unit.

NOTE

- It is recommended that the room be ventilated every 3 to 4 hours.
- The air conditioner may not work properly under the following circumstances.
  The power transformer provides the same power or power as the air conditioner. The electrical equipment is too close to the power supply of the air conditioner. With the sharp change of power consumption and switching action, the power supply of the air conditioner will generate a large induction surge voltage.

CHECKING PRODUCT RECEIVED

- Upon receiving this product, inspect it for any shipping damage. Claims for damage, either apparent or concealed, should be filed immediately with the shipping company.
- Check the model number, electrical characteristics (power supply, voltage and frequency) and accessories to determine if they are correct.
  The standard utilization of the unit shall be explained in these instructions.
  Therefore, the utilization of the unit other than those indicated in these instructions is not recommended.
  Please contact your local agent, as the occasion arises.

- ***The figures in this manual are based on the external view of a standard model. Consequently, the shape may differ from that of the air conditioner you have selected.***
- ***Letter K in the manual stands for kBtu/h, for example 12K,14K,18K,21K,24K, which means model size, not real capacity.***

Multi-Split Type Air Conditioner Service Manual

Table of Contents

1. General 1
    1.1 Features 1
    1.2 Product lineup 3
    1.3 Nomenclature 3
    1.4 Unit installation 4
    1.5 Working range 4
    1.6 Product appearance 5
2. Outlines and dimensions 6
3. Electrical data 10
4. Capacities and selection data 11
    4.1 Capacity characteristic charts 11
    4.2 Piping length correction factor 68
    4.3 Correction factors according to defrosting operation 69
5. Sound pressure data 71
6. Refrigerant cycle 73
7. Wiring diagram 75
    7.1 Electrical wiring diagrams 75
    7.2 Control board picture 78
    7.3 Common wiring 84
8. Field setting 86
    8.1 Outdoor unit DIP switch 86
    8.2 Running parameter query 88
9. Piping work and refrigerant charge 90
    9.1 MAX. length allowed 90
    9.2 Oil trap 90
    9.3 Air tight test 91
    9.4 Additional refrigerant charge 91
10. Installation tools and installation flow chart 92
    10.1 Necessary tools and instrument list for installation 92
    10.2 Installation flow chart 93
11. Control mode 94
12. Sensor parameter 96
13. Troubleshooting 105
    13.1 Trouble guide 105
    13.2 Fault codes 108
14. Checking components 116
    14.1 Check refrigerant system 116
    14.2 Check parts unit 117
15. Disassembly and assembly for compressor and motor 119

1. General

1.1 Features

- Twin Rotary DC Inverter Compressor



The twin rotary inverter compressor design reduces friction during operation for smoother rotation with less vibration, while also preventing leakage of refrigerant gas during compression. The result is a far quieter and more efficient air conditioner.

- 3-DC Inverter Technology

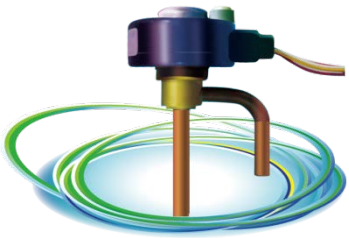
3-DC Inverter technology allows for extremely accurate control of compressor rotation speed, saving roughly 50% more energy than traditional air conditioners. Moreover, it guarantees that fan motor greatly reduces the loss owed to the typical owing dispersion of AC motors and more efficiently reaches the set temperature.

- Electronic Expansion Valve

Inside the outdoor unit is the electronic expansion valve, which regulates and optimizes the refrigerant quantity to all running indoor units.

- Self Recovery of Power Break

When the power supply is recovered after break, all presets are still effective and the air conditioner can run according to the original setting.



1. GENERAL

➢ Comfortable temperature control

DC inverter power control uses its full capacity at startup to cool/warm quickly. As soon as the set temperature is reached, it carefully adjusts current frequency to prevent temperature fluctuation and energy loss.



➢ Long piping for flexible installation

The ample maximum piping length of 50 m permits more freedom in the placement of air conditioner units and enables you to optimise interior space.

➢ Various Indoor & Outdoor Unit Types

The new line-up expands the range of layout options both indoors and outdoors.

More methods, more conveniently.

➢ Optional Remote Controller

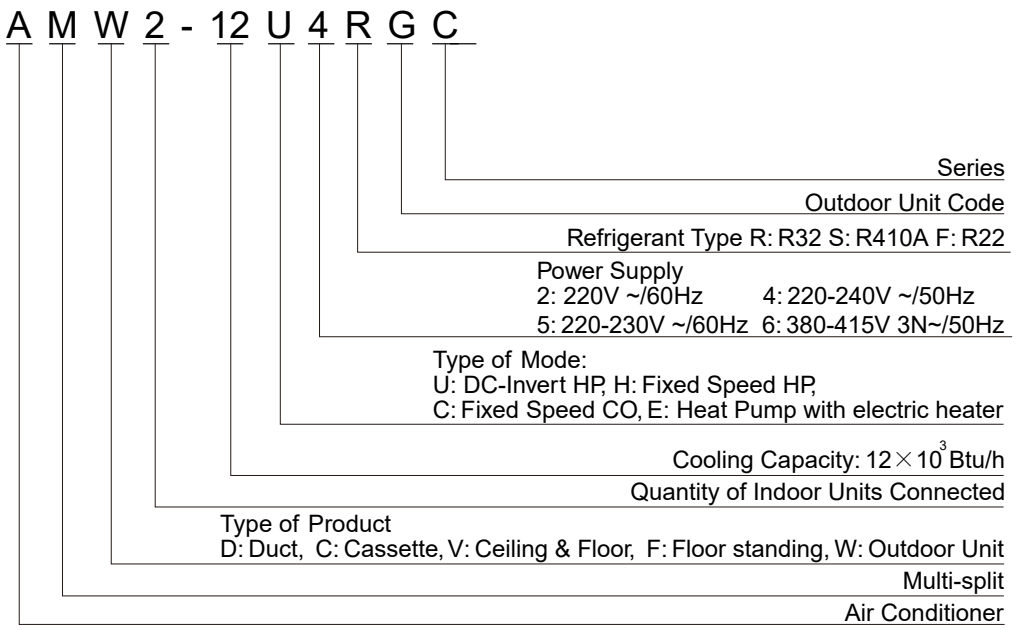
A variety of convenient controller systems permit individual control of settings such as temperature, airflow volume, and operation duration.

1.2 Product lineup

Type \ Model(Btu/h)	12K	14K	18K	21K	24K	27K
Up to 2 IDUs	●	●	●			
Up to 3 IDUs				●	●	
Up to 4 IDUs					●	●

●: available model

1.3 Nomenclature



1.4 Unit installation

With the DC inverter technology, one outdoor unit can be connected with 4 indoor units at most.

The combination rate range is from 80% to 130%.

Model (Btu/h)	Max. Combined Quantity of Indoor Units
12K/14K/18K	2
21K/24K	3
24K/27K	4

1.5 Working range

Power supply

Working Voltage	176V ~ 253V
Voltage Imbalance	Within a 3% deviation from each voltage at the main terminal of outdoor unit
Starting Voltage	Higher than 85% of the Rated Voltage

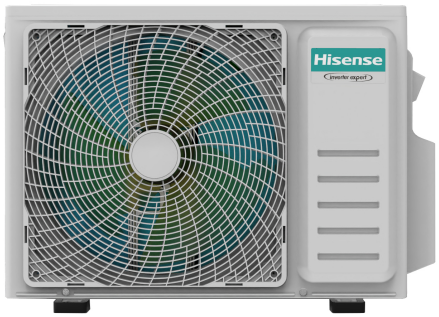
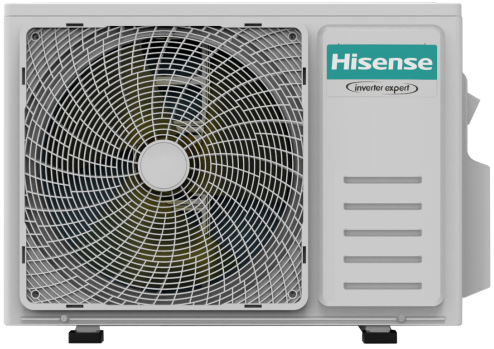
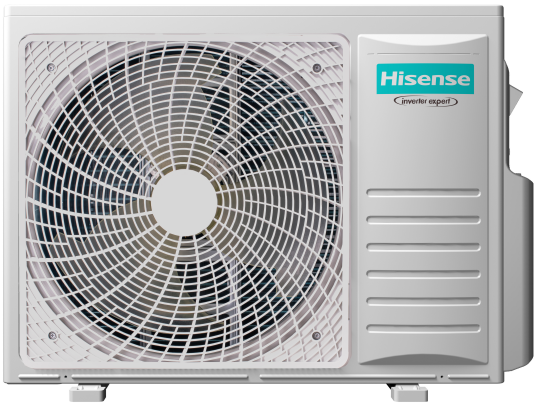
Operating temperature range

This air conditioner is designed for the following outdoor operating temperatures.

Series	Mode	Outdoor operating temperature (℃)	
		maximum	minimum
DC-Inverter Multi-Split Air Conditioner (Heat pump type)	Cooling Operation	50	-15
	Heating Operation	24	-15

Storage condition: Temperature: -25~60℃
Humidity: 30%~80%

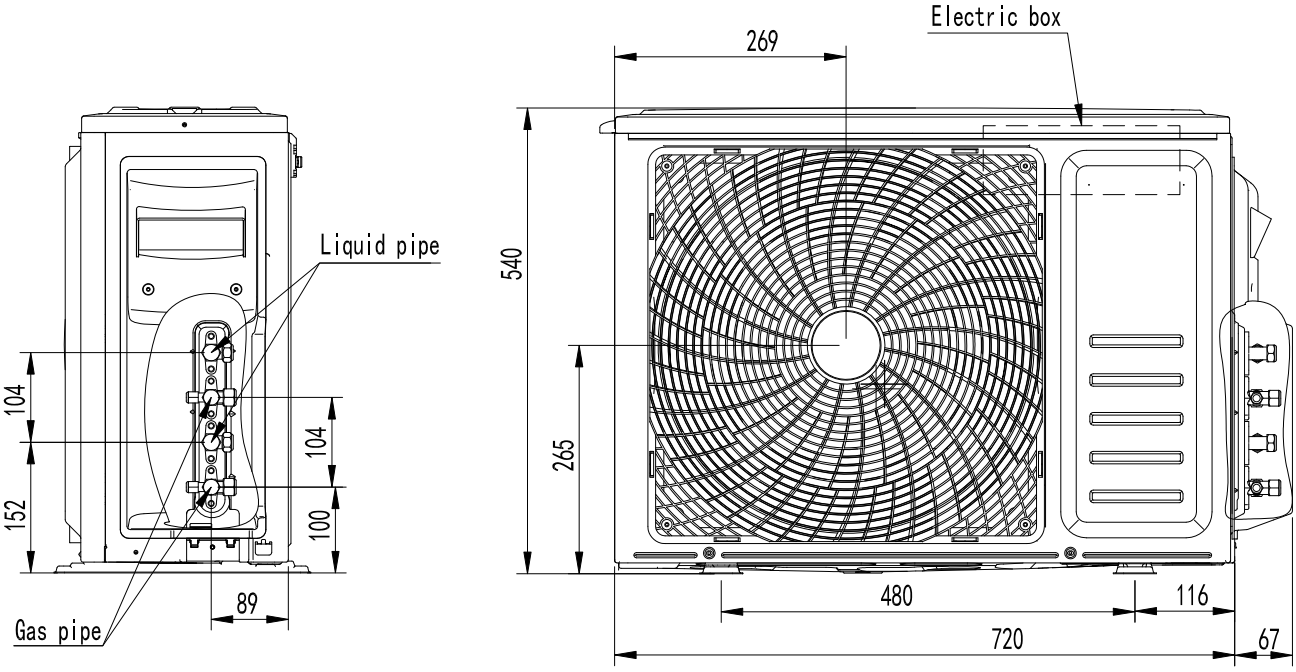
1.6 Product appearance

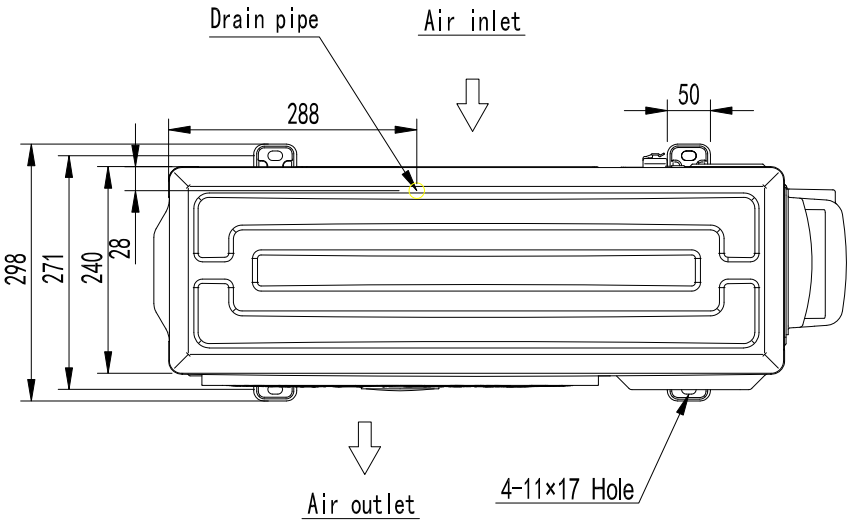
Series	Model (Cooling Capacity: Btu/h)	Outdoor unit
Up to 2 IDUs	12K/14K	
	18K	
Up to 3 IDUs	21K/24K	
Up to 4 IDUs	24K/27K	

2. Outlines and dimensions

12K /14K

Unit: (mm)

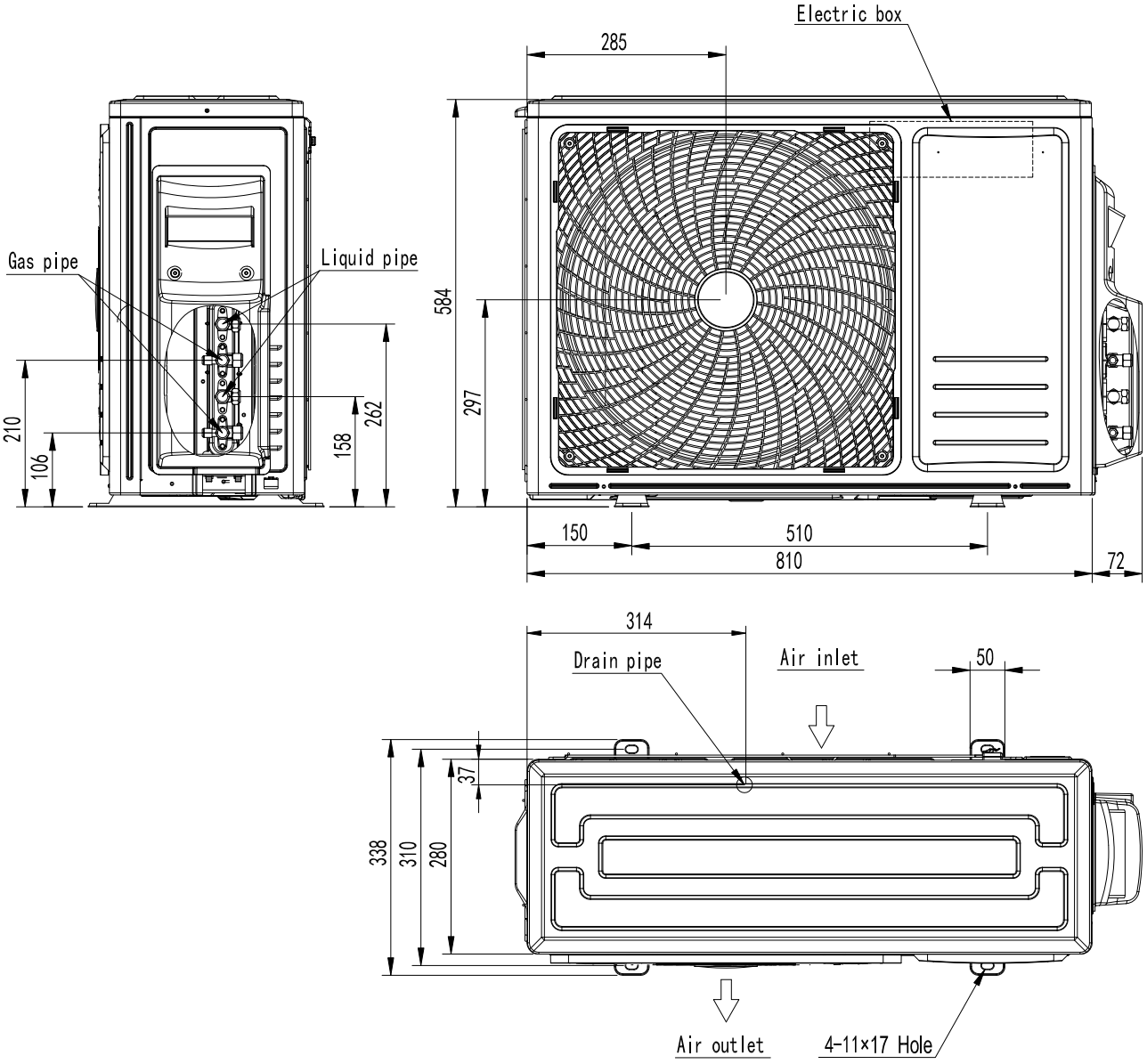




2. OUTLINES AND DIMENSIONS

18K

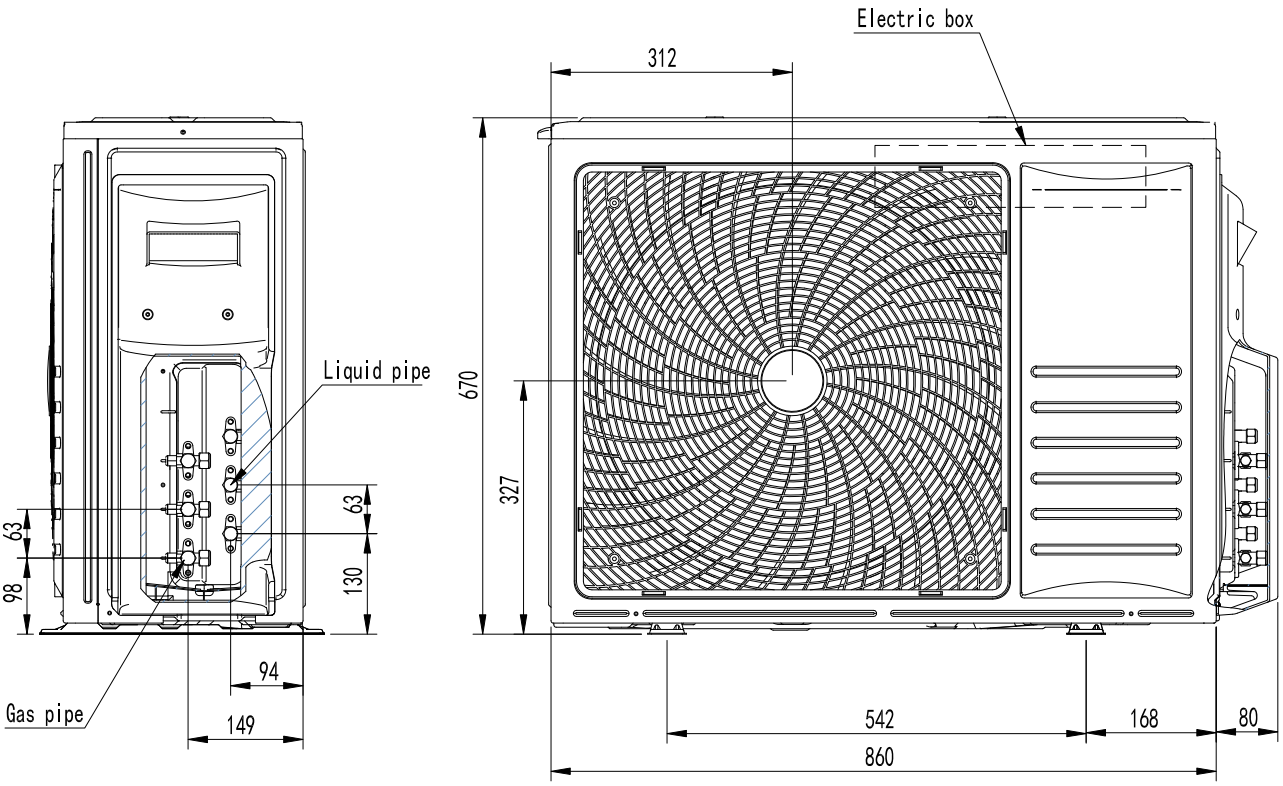
Unit: (mm)

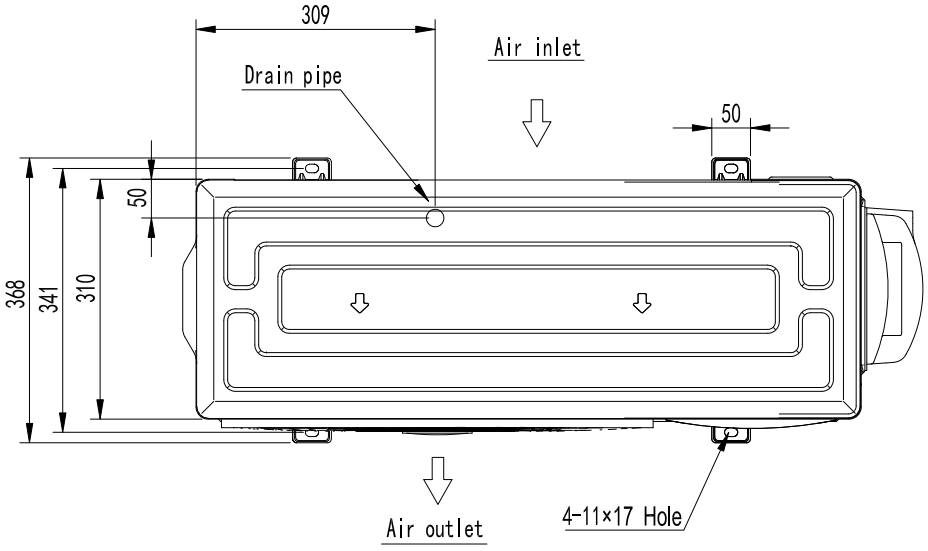


2. OUTLINES AND DIMENSIONS

21K/24K

Unit: (mm)

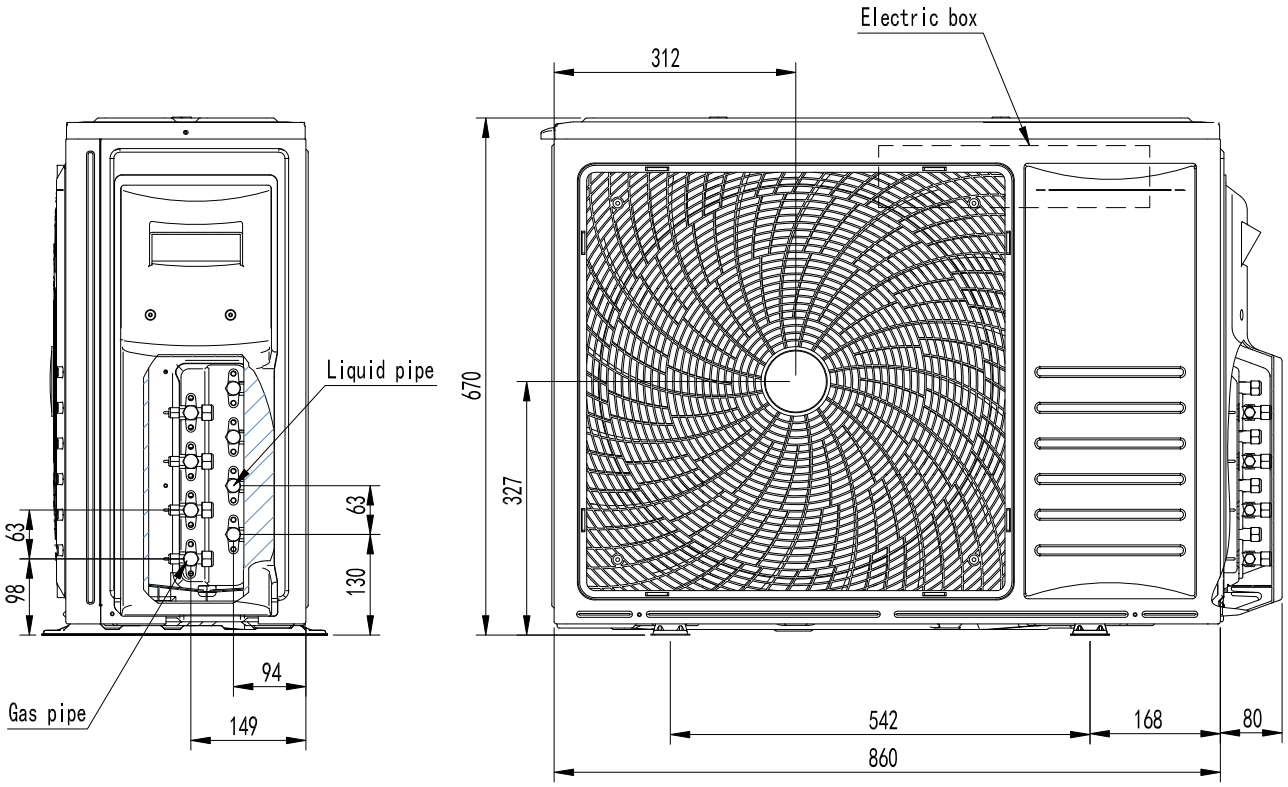


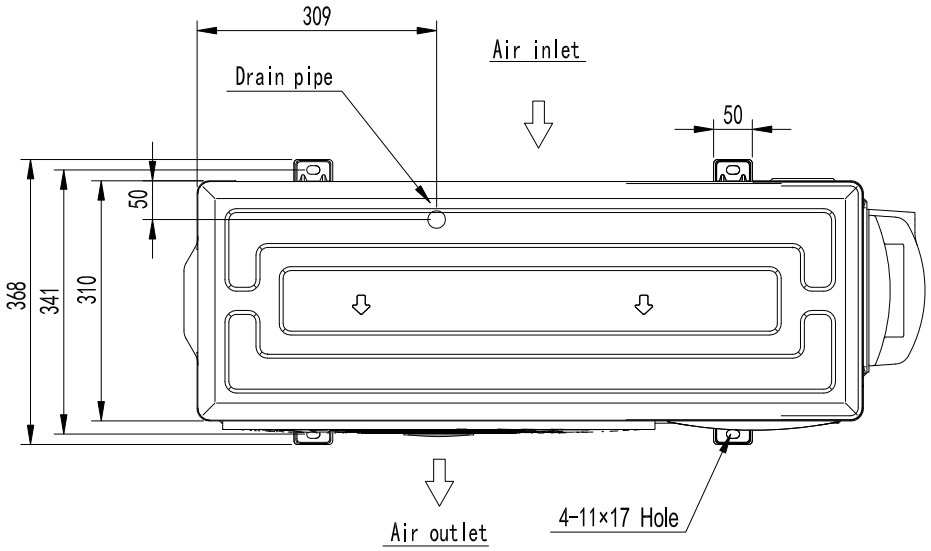


2. OUTLINES AND DIMENSIONS

Up to 4 indoor units series
24K/27K

Unit: (mm)





3. Electrical data

Model	Power supply			Applicable voltage		ELB	
	Voltage(V)	PH	Frequency	Umin(V)	Umax(V)	Nominal Current(A)	Nominal Sensitive Current(mA)
12K/14K/18K	220-240	1	50	176	253	20	30
21K/24K/27K	220-240	1	50	176	253	32	30

NOTE:

1. The above compressor data is based on 100% capacity combination of indoor units at the rated operating frequency.
2. This data is based on the same conditions as the nominal cooling capacities.

4. Capacities and selection data

4.1 Capacity characteristic charts

The following charts show the characteristics of outdoor unit capacity, which corresponds with the operating ambient temperature of outdoor unit.

Conditions:

① Pipe length/height difference: 5m / 0m

② Compressor at rated inverter frequency

③ Indoor fan speed at high fan speed

④ Capacity loss due to white frost and defrost operation is not included.

12K

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
130%	21	18	2.66	1.53	0.58	220	2.66	1.53	0.58	246	2.66	1.53	0.58	272	2.95	1.70	0.58	289	2.95	1.70	0.58	323	4.49	2.59	0.58	684	4.30	2.47	0.58	719	4.13	2.38	0.58	752	3.97	2.29	0.58	787	3.75	2.16	0.58	838	3.44	1.98	0.58	890	3.18	1.83	0.58	923	2.64	1.52	0.58	959
	21	20	2.79	1.27	0.46	260	2.79	1.27	0.46	286	2.79	1.27	0.46	312	3.10	1.41	0.46	329	3.10	1.41	0.46	363	4.72	2.15	0.46	716	4.52	2.06	0.46	753	4.34	1.98	0.46	788	4.18	1.90	0.46	824	3.94	1.80	0.46	878	3.62	1.65	0.46	932	3.35	1.53	0.46	968	2.78	1.27	0.46	1004
	22	18	2.66	1.64	0.62	220	2.66	1.64	0.62	246	2.66	1.64	0.62	272	2.95	1.82	0.62	289	2.95	1.82	0.62	323	4.49	2.77	0.62	684	4.30	2.65	0.62	719	4.13	2.54	0.62	752	3.97	2.45	0.62	787	3.75	2.31	0.62	838	3.44	2.12	0.62	890	3.18	1.96	0.62	923	2.64	1.63	0.62	959
	22	20	2.79	1.39	0.50	260	2.79	1.39	0.50	286	2.79	1.39	0.50	312	3.10	1.54	0.50	329	3.10	1.54	0.50	363	4.72	2.34	0.50	716	4.52	2.24	0.50	753	4.34	2.15	0.50	788	4.18	2.07	0.50	824	3.94	1.95	0.50	878	3.62	1.79	0.50	932	3.35	1.66	0.50	968	2.78	1.38	0.50	1004
	22	22	2.96	1.11	0.38	299	2.96	1.11	0.38	325	2.96	1.11	0.38	351	3.29	1.24	0.38	368	3.29	1.24	0.38	402	5.00	1.88	0.38	748	4.79	1.80	0.38	787	4.60	1.73	0.38	823	4.43	1.66	0.38	861	4.18	1.57	0.38	917	3.83	1.44	0.38	974	3.55	1.33	0.38	1011	2.94	1.11	0.38	1049
	23	18	2.66	1.74	0.66	220	2.66	1.74	0.66	246	2.66	1.74	0.66	272	2.95	1.94	0.66	289	2.95	1.94	0.66	323	4.49	2.95	0.66	684	4.30	2.82	0.66	719	4.13	2.71	0.66	752	3.97	2.61	0.66	787	3.75	2.46	0.66	838	3.44	2.26	0.66	890	3.18	2.09	0.66	923	2.64	1.73	0.66	959
	23	20	2.79	1.50	0.54	260	2.79	1.50	0.54	286	2.79	1.50	0.54	312	3.10	1.66	0.54	329	3.10	1.66	0.54	363	4.72	2.53	0.54	716	4.52	2.42	0.54	753	4.34	2.33	0.54	788	4.18	2.24	0.54	824	3.94	2.11	0.54	878	3.62	1.94	0.54	932	3.35	1.79	0.54	968	2.78	1.49	0.54	1004
	23	22	2.96	1.23	0.42	299	2.96	1.23	0.42	325	2.96	1.23	0.42	351	3.29	1.37	0.42	368	3.29	1.37	0.42	402	5.00	2.08	0.42	748	4.79	1.99	0.42	787	4.60	1.91	0.42	823	4.43	1.84	0.42	861	4.18	1.74	0.42	917	3.83	1.59	0.42	974	3.55	1.47	0.42	1011	2.94	1.22	0.42	1049
	24	18	2.66	1.85	0.70	220	2.66	1.85	0.70	246	2.66	1.85	0.70	272	2.95	2.05	0.70	289	2.95	2.05	0.70	323	4.49	3.13	0.70	684	4.30	2.99	0.70	719	4.13	2.88	0.70	752	3.97	2.76	0.70	787	3.75	2.61	0.70	838	3.44	2.39	0.70	890	3.18	2.21	0.70	923	2.64	1.84	0.70	959
	24	20	2.79	1.61	0.58	260	2.79	1.61	0.58	286	2.79	1.61	0.58	312	3.10	1.79	0.58	329	3.10	1.79	0.58	363	4.72	2.72	0.58	716	4.52	2.60	0.58	753	4.34	2.50	0.58	788	4.18	2.40	0.58	824	3.94	2.27	0.58	878	3.62	2.08	0.58	932	3.35	1.93	0.58	968	2.78	1.60	0.58	1004
	24	22	2.96	1.35	0.46	299	2.96	1.35	0.46	325	2.96	1.35	0.46	351	3.29	1.50	0.46	368	3.29	1.50	0.46	402	5.00	2.28	0.46	748	4.79	2.18	0.46	787	4.60	2.10	0.46	823	4.43	2.02	0.46	861	4.18	1.90	0.46	917	3.83	1.75	0.46	974	3.55	1.62	0.46	1011	2.94	1.34	0.46	1049
	24	24	3.14	1.05	0.34	339	3.14	1.05	0.34	365	3.14	1.05	0.34	391	3.49	1.17	0.34	408	3.49	1.17	0.34	442	5.30	1.78	0.34	781	5.07	1.70	0.34	821	4.88	1.64	0.34	859	4.69	1.58	0.34	898	4.43	1.49	0.34	957	4.06	1.36	0.34	1016	3.76	1.26	0.34	1055	3.12	1.05	0.34	1095
	25	18	2.66	1.96	0.74	220	2.66	1.96	0.74	246	2.66	1.96	0.74	272	2.95	2.17	0.74	289	2.95	2.17	0.74	323	4.49	3.30	0.74	684	4.30	3.16	0.74	719	4.13	3.04	0.74	752	3.97	2.92	0.74	787	3.75	2.76	0.74	838	3.44	2.53	0.74	890	3.18	2.34	0.74	923	2.64	1.94	0.74	959
	25	20	2.79	1.72	0.62	260	2.79	1.72	0.62	286	2.79	1.72	0.62	312	3.10	1.91	0.62	329	3.10	1.91	0.62	363	4.72	2.91	0.62	716	4.52	2.78	0.62	753	4.34	2.67	0.62	788	4.18	2.57	0.62	824	3.94	2.43	0.62	878	3.62	2.23	0.62	932	3.35	2.06	0.62	968	2.78	1.71	0.62	1004
	25	22	2.96	1.47	0.50	299	2.96	1.47	0.50	325	2.96	1.47	0.50	351	3.29	1.63	0.50	368	3.29	1.63	0.50	402	5.00	2.48	0.50	748	4.79	2.37	0.50	787	4.60	2.28	0.50	823	4.43	2.20	0.50	861	4.18	2.07	0.50	917	3.83	1.90	0.50	974	3.55	1.76	0.50	1011	2.94	1.46	0.50	1049
	25	24	3.14	1.18	0.38	339	3.14	1.18	0.38	365	3.14	1.18	0.38	391	3.49	1.31	0.38	408	3.49	1.31	0.38	442	5.30	1.99	0.38	781	5.07	1.91	0.38	821	4.88	1.83	0.38	859	4.69	1.76	0.38	898	4.43	1.66	0.38	957	4.06	1.53	0.38	1016	3.76	1.41	0.38	1055	3.12	1.17	0.38	1095
	26	18	2.66	2.06	0.78	220	2.66	2.06	0.78	246	2.66	2.06	0.78	272	2.95	2.29	0.78	289	2.95	2.29	0.78	323	4.49	3.48	0.78	684	4.30	3.33	0.78	719	4.13	3.21	0.78	752	3.97	3.08	0.78	787	3.75	2.91	0.78	838	3.44	2.67	0.78	890	3.18	2.47	0.78	923	2.64	2.05	0.78	959
	26	20	2.79	1.83	0.66	260	2.79	1.83	0.66	286	2.79	1.83	0.66	312	3.10	2.03	0.66	329	3.10	2.03	0.66	363	4.72	3.10	0.66	716	4.52	2.96	0.66	753	4.34	2.85	0.66	788	4.18	2.74	0.66	824	3.94	2.58	0.66	878	3.62	2.37	0.66	932	3.35	2.19	0.66	968	2.78	1.82	0.66	1004
	26	22	2.96	1.59	0.54	299	2.96	1.59	0.54	325	2.96	1.59	0.54	351	3.29	1.76	0.54	368	3.29	1.76	0.54	402	5.00	2.68	0.54	748	4.79	2.57	0.54	787	4.60	2.47	0.54	823	4.43	2.37	0.54	861	4.18	2.24	0.54	917	3.83	2.05	0.54	974	3.55	1.90	0.54	1011	2.94	1.58	0.54	1049
	26	24	3.14	1.31	0.42	339	3.14	1.31	0.42	365	3.14	1.31	0.42	391	3.49	1.45	0.42	408	3.49	1.45	0.42	442	5.30	2.21	0.42	781	5.07	2.11	0.42	821	4.88	2.03	0.42	859	4.69	1.95	0.42	898	4.43	1.84	0.42	957	4.06	1.69	0.42	1016	3.76	1.56	0.42	1055	3.12	1.30	0.42	1095
	26	26	3.30	0.98	0.30	379	3.30	0.98	0.30	405	3.30	0.98	0.30	431	3.66	1.08	0.30	448	3.66	1.08	0.30	482	5.57	1.65	0.30	813	5.33	1.58	0.30	855	5.12	1.52	0.30	895	4.93	1.46	0.30	936	4.65	1.38	0.30	997	4.27	1.26	0.30	1059	3.95	1.17	0.30	1099	3.28	0.97	0.30	1141
	27	18	2.66	2.17	0.82	220	2.66	2.17	0.82	246	2.66	2.17	0.82	272	2.95	2.41	0.82	289	2.95	2.41	0.82	323	4.49	3.66	0.82	684	4.30	3.51	0.82	719	4.13	3.37	0.82	752	3.97	3.24	0.82	787	3.75	3.06	0.82	838	3.44	2.81	0.82	890	3.18	2.60	0.82	923	2.64	2.16	0.82	959
	27	19	2.71	2.05	0.76	240	2.71	2.05	0.76	266	2.71	2.05	0.76	292	3.01	2.28	0.76	309	3.01	2.28	0.76	343	4.58	3.46	0.76	700	4.38	3.31	0.76	736	4.22	3.19	0.76	770	4.05	3.06	0.76	805	3.82	2.89	0.76	858	3.51	2.65	0.76	911	3.25	2.45	0.76	946	2.70	2.04	0.76	981
	27	20	2.79	1.94	0.70	260	2.79	1.94	0.70	286	2.79	1.94	0.70	312	3.10	2.16	0.70	329	3.10	2.16	0.70	363	4.72	3.28	0.70	716	4.52	3.14	0.70	753	4.34	3.02	0.70	788	4.18	2.91	0.70	824	3.94	2.74	0.70	878	3.62	2.52	0.70	932	3.35	2.33	0.70	968	2.78	1.93	0.70	1004
	27	22	2.96	1.71	0.58	299	2.96	1.71	0.58	325	2.96	1.71	0.58	351	3.29	1.89	0.58	368	3.29	1.89	0.58	402	5.00	2.88	0.58	748	4.79	2.76	0.58	787	4.60	2.65	0.58	823	4.43	2.55	0.58	861	4.18	2.40	0.58	917	3.83	2.21	0.58	974	3.55	2.04	0.58	1011	2.94	1.69	0.58	1049
	27	24	3.14	1.43	0.46	339	3.14	1.43	0.46	365	3.14	1.43	0.46	391	3.49	1.59	0.46	408	3.49	1.59	0.46	442	5.30	2.42	0.46	781	5.07	2.31	0.46	821	4.88	2.22	0.46	859	4.69	2.14	0.46	898	4.43	2.02	0.46	957	4.06	1.85	0.46	1016	3.76	1.71	0.46	1055	3.12	1.42	0.46	1095
	27	26	3.30	1.11	0.34	379	3.30	1.11	0.34	405	3.30	1.11	0.34	431	3.66	1.23	0.34	448	3.66	1.23	0.34	482	5.57	1.87	0.34	813	5.33	1.79	0.34	855	5.12	1.72	0.34	895	4.93	1.65	0.34	936	4.65	1.56	0.34	997	4.27	1.43	0.34	1059	3.95	1.33	0.34	1099	3.28	1.10	0.34	1141
	28	18	2.66	2.27	0.86	220	2.66	2.27	0.86	246	2.66	2.27	0.86	272	2.95	2.53	0.86	289	2.95	2.53	0.86	323	4.49	3.84	0.86	684	4.30	3.68	0.86	719	4.13	3.54	0.86	752	3.97	3.40	0.86	787	3.75	3.21	0.86	838	3.44	2.94	0.86	890	3.18	2.72	0.86	923	2.64	2.26	0.86	959
	28	20	2.79	2.06	0.74	260	2.79	2.06	0.74	286	2.79	2.06	0.74	312	3.10	2.28	0.74	329	3.10	2.28	0.74	363	4.72	3.47	0.74	716	4.52	3.32	0.74	753	4.34	3.20	0.74	788	4.18	3.07	0.74	824	3.94	2.90	0.74	878	3.62	2.66	0.74	932	3.35	2.46	0.74	968	2.78	2.04	0.74	1004
	28	22	2.96	1.82	0.62	299	2.96	1.82	0.62	325	2.96	1.82	0.62	351	3.29	2.03	0.62	368	3.29	2.03	0.62	402	5.00	3.08	0.62	748	4.79	2.95	0.62	787	4.60	2.84	0.62	823	4.43	2.73	0.62	861	4.18	2.57	0.62	917	3.83	2.36	0.62	974	3.55	2.18	0.62	1011	2.94	1.81	0.62	1049
	28	24	3.14	1.56	0.50	339	3.14	1.56	0.50	365	3.14	1.56	0.50	391	3.49	1.73	0.50	408	3.49	1.73	0.50	442	5.30	2.63	0.50	781	5.07	2.52	0.50	821	4.88	2.42	0.50	859	4.69	2.33	0.50	898	4.43	2.20	0.50	957	4.06	2.02	0.50	1016	3.76	1.86	0.50	1055	3.12	1.55	0.50	1095
	28	26	3.30	1.24	0.38	379	3.30	1.24	0.38	405	3.30	1.24	0.38	431	3.66	1.38	0.38	448	3.66	1.38	0.38	482	5.57	2.09	0.38	813	5.33	2.00	0.38	855	5.12	1.93	0.38	895	4.93	1.85	0.38	936	4.65	1.75	0.38	997	4.27	1.60	0.38	1059	3.95	1.48	0.38	1099	3.28	1.23	0.38	1141
	29	18	2.66	2.33	0.88	220	2.66	2.33	0.88	246	2.66	2.33	0.88	272	2.95	2.59	0.88	289	2.95	2.59	0.88	323	4.49	3.93	0.88	684	4.30	3.76	0.88	719	4.13	3.62	0.88	752	3.97	3.48	0.88	787	3.75	3.28	0.88	838	3.44	3.01	0.88	890	3.18	2.79	0.88	923	2.64	2.31	0.88	959
	29	20	2.79	2.17	0.78	260	2.79	2.17	0.78	286	2.79	2.17	0.78	312	3.10	2.41	0.78	329	3.10	2.41	0.78	363	4.72	3.66	0.78	716	4.52	3.50	0.78	753	4.34	3.37	0.78	788	4.18	3.24	0.78	824	3.94	3.06	0.78	878	3.62	2.81	0.78	932	3.35	2.60	0.78	968	2.78	2.15	0.78	1004
	29	22	2.96	1.94	0.66	299	2.96	1.94	0.66	325	2.96	1.94	0.66	351	3.29	2.16	0.66	368	3.29	2.16	0.66	402	5.00	3.28	0.66	748	4.79	3.14	0.66	787	4.60	3.02	0.66	823	4.43	2.90	0.66	861	4.18	2.74	0.66	917	3.83	2.51	0.66	974	3.55	2.33	0.66	1011	2.94	1.93	0.66	1049
	29	24	3.14	1.68	0.54	339	3.14	1.68	0.54	365	3.14	1.68	0.54	391	3.49	1.87	0.54	408	3.49	1.87	0.54	442	5.30	2.84	0.54	781	5.07	2.72	0.54	821	4.88	2.61	0.54	859	4.69	2.51	0.54	898	4.43	2.37	0.54	957	4.06	2.18	0.54	1016	3.76	2.01	0.54	1055	3.12	1.67	0.54	1095
	29	26	3.30	1.37	0.42	379	3.30	1.37	0.42	405	3.30	1.37	0.42	431	3.66	1.52	0.42	448	3.66	1.52	0.42	482	5.57	2.32	0.42	813	5.33	2.22	0.42	855	5.12	2.13	0.42	895	4.93	2.05	0.42	936	4.65	1.93	0.42	997	4.27	1.77	0.42	1059	3.95	1.64	0.42	1099	3.28	1.36	0.42	1141
	30	18	2.66	2.33	0.88	220	2.66	2.33	0.88	246	2.66	2.33	0.88	272	2.95	2.59	0.88	289	2.95	2.59	0.88	323	4.49	3.93	0.88	684	4.30	3.76	0.88	719	4.13	3.62	0.88	752	3.97	3.48	0.88	787	3.75	3.28	0.88	838	3.44	3.01	0.88	890	3.18	2.79	0.88	923	2.64	2.31	0.88	959
	30	20	2.79	2.28	0.82	260	2.79	2.28	0.82	286	2.79	2.28	0.82	312	3.10	2.53	0.82	329	3.10	2.53	0.82	363	4.72	3.85	0.82	716	4.52	3.68	0.82	753	4.34	3.54	0.82	788	4.18	3.41	0.82	824	3.94	3.21	0.82	878	3.62	2.95	0.82	932	3.35	2.73	0.82	968	2.78	2.27	0.82	1004
	30	22	2.96	2.06	0.70	299	2.96	2.06	0.70	325	2.96	2.06	0.70	351	3.29	2.29	0.70	368	3.29	2.29	0.70	402	5.00	3.48	0.70	748	4.79	3.33	0.70	787	4.60	3.20	0.70	823	4.43	3.08	0.70	861	4.18	2.91	0.70	917	3.83	2.67	0.70	974	3.55	2.47	0.70	1011	2.94	2.05	0.70	1049
	30	24	3.14	1.81	0.58	339	3.14	1.81	0.58	365	3.14	1.81	0.58	391	3.49	2.01	0.58	408	3.49	2.01	0.58	442	5.30	3.05	0.58	781	5.07	2.92	0.58	821	4.88	2.81	0.58	859	4.69	2.70	0.58	898	4.43	2.55	0.58	957	4.06	2.34	0.58	1016	3.76	2.16	0.58	1055	3.12	1.80	0.58	1095
	30	26	3.30	1.50	0.46	379	3.30	1.50	0.46	405	3.30	1.50	0.46	431	3.66	1.67	0.46	448	3.66	1.67	0.46	482	5.57	2.54	0.46	813	5.33	2.43	0.46	855	5.12	2.34	0.46	895	4.93	2.25	0.46	936	4.65	2.12	0.46	997	4.27	1.95	0.46	1059	3.95	1.80	0.46	1099	3.28	1.49	0.46	1141
	31	18	2.66	2.33	0.88	220	2.66	2.33	0.88	246	2.66	2.33	0.88	272	2.95	2.59	0.88	289	2.95	2.59	0.88	323	4.49	3.93	0.88	684	4.30	3.76	0.88	719	4.13	3.62	0.88	752	3.97	3.48	0.88	787	3.75	3.28	0.88	838	3.44	3.01	0.88	890	3.18	2.79	0.88	923	2.64	2.31	0.88	959
	31	20	2.79	2.39	0.86	260	2.79	2.39	0.86	286	2.79	2.39	0.86	312	3.10	2.66	0.86	329	3.10	2.66	0.86	363	4.72	4.04	0.86	716	4.52	3.87	0.86	753	4.34	3.72	0.86	788	4.18	3.57	0.86	824	3.94	3.37	0.86	878	3.62	3.10	0.86	932	3.35	2.86	0.86	968	2.78	2.38	0.86	1004
	31	22	2.96	2.18	0.74	299	2.96	2.18	0.74	325	2.96	2.18	0.74	351	3.29	2.42	0.74	368	3.29	2.42	0.74	402	5.00	3.68	0.74	748	4.79	3.52	0.74	787	4.60	3.39	0.74	823	4.43	3.26	0.74	861	4.18	3.07	0.74	917	3.83	2.82	0.74	974	3.55	2.61	0.74	1011	2.94	2.17	0.74	1049
	31	24	3.14	1.93	0.62	339	3.14	1.93	0.62	365	3.14	1.93	0.62	391	3.49	2.15	0.62	408	3.49	2.15	0.62	442	5.30	3.27	0.62	781	5.07	3.13	0.62	821	4.88	3.01	0.62	859	4.69	2.89	0.62	898	4.43	2.73	0.62	957	4.06	2.50	0.62	1016	3.76	2.31	0.62	1055	3.12	1.92	0.62	1095
	31	26	3.30	1.63	0.50	379	3.30	1.63	0.50	405	3.30	1.63	0.50	431	3.66	1.82	0.50	448	3.66	1.82	0.50	482	5.57	2.76	0.50	813	5.33	2.64	0.50	855	5.12	2.54	0.50	895	4.93	2.44	0.50	936	4.65	2.30	0.50	997	4.27	2.12	0.50	1059	3.95	1.96	0.50	1099	3.28	1.62	0.50	1141
	32	18	2.66	2.33	0.88	220	2.66	2.33	0.88	246	2.66	2.33	0.88	272	2.95	2.59	0.88	289	2.95	2.59	0.88	323	4.49	3.93	0.88	684	4.30	3.76	0.88	719	4.13	3.62	0.88	752	3.97	3.48	0.88	787	3.75	3.28	0.88	838	3.44	3.01	0.88	890	3.18	2.79	0.88	923	2.64	2.31	0.88	959
	32	20	2.79	2.45	0.88	260	2.79	2.45	0.88	286	2.79	2.45	0.88	312	3.10	2.72	0.88	329	3.10	2.72	0.88	363	4.72	4.13	0.88	716	4.52	3.96	0.88	753	4.34	3.80	0.88	788	4.18	3.66	0.88	824	3.94	3.45	0.88	878	3.62	3.17	0.88	932	3.35	2.93	0.88	968	2.78	2.43	0.88	1004
	32	22	2.96	2.30	0.78	299	2.96	2.30	0.78	325	2.96	2.30	0.78	351	3.29	2.55	0.78	368	3.29	2.55	0.78	402	5.00	3.88	0.78	748	4.79	3.71	0.78	787	4.60	3.57	0.78	823	4.43	3.43	0.78	861	4.18	3.24	0.78	917	3.83	2.97	0.78	974	3.55	2.75	0.78	1011	2.94	2.28	0.78	1049
	32	24	3.14	2.06	0.66	339	3.14	2.06	0.66	365	3.14	2.06	0.66	391	3.49	2.29	0.66	408	3.49	2.29	0.66	442	5.30	3.48	0.66	781	5.07	3.33	0.66	821	4.88	3.20	0.66	859	4.69	3.08	0.66	898	4.43	2.90	0.66	957	4.06	2.67	0.66	1016	3.76	2.47	0.66	1055	3.12	2.05	0.66	1095
	32	26	3.30	1.77	0.54	379	3.30	1.77	0.54	405	3.30	1.77	0.54	431	3.66	1.96	0.54	448	3.66	1.96	0.54	482	5.57	2.98	0.54	813	5.33	2.86	0.54	855	5.12	2.75	0.54	895	4.93	2.64	0.54	936	4.65	2.49	0.54	997	4.27	2.29	0.54	1059	3.95	2.11	0.54	1099	3.28	1.76	0.54	1141

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
120%	21	18	2.58	1.55	0.60	209	2.58	1.55	0.60	233	2.58	1.55	0.60	258	2.87	1.72	0.60	274	2.87	1.72	0.60	307	4.36	2.61	0.60	650	4.17	2.50	0.60	684	4.01	2.40	0.60	715	3.86	2.31	0.60	748	3.64	2.18	0.60	797	3.34	2.00	0.60	846	3.09	1.85	0.60	878	2.56	1.54	0.60	912
	21	20	2.71	1.30	0.48	249	2.71	1.30	0.48	273	2.71	1.30	0.48	298	3.01	1.44	0.48	314	3.01	1.44	0.48	347	4.58	2.20	0.48	683	4.38	2.10	0.48	718	4.22	2.02	0.48	751	4.05	1.94	0.48	786	3.82	1.83	0.48	837	3.51	1.68	0.48	889	3.25	1.56	0.48	923	2.70	1.29	0.48	958
	22	18	2.58	1.65	0.64	209	2.58	1.65	0.64	233	2.58	1.65	0.64	258	2.87	1.83	0.64	274	2.87	1.83	0.64	307	4.36	2.79	0.64	650	4.17	2.67	0.64	684	4.01	2.56	0.64	715	3.86	2.47	0.64	748	3.64	2.33	0.64	797	3.34	2.14	0.64	846	3.09	1.98	0.64	878	2.56	1.64	0.64	912
	22	20	2.71	1.41	0.52	249	2.71	1.41	0.52	273	2.71	1.41	0.52	298	3.01	1.56	0.52	314	3.01	1.56	0.52	347	4.58	2.38	0.52	683	4.38	2.28	0.52	718	4.22	2.19	0.52	751	4.05	2.11	0.52	786	3.82	1.99	0.52	837	3.51	1.82	0.52	889	3.25	1.69	0.52	923	2.70	1.40	0.52	958
	22	22	2.87	1.15	0.40	288	2.87	1.15	0.40	312	2.87	1.15	0.40	337	3.19	1.27	0.40	353	3.19	1.27	0.40	386	4.86	1.94	0.40	715	4.65	1.86	0.40	752	4.47	1.78	0.40	786	4.30	1.72	0.40	822	4.05	1.62	0.40	876	3.72	1.49	0.40	930	3.44	1.37	0.40	966	2.86	1.14	0.40	1002
	23	18	2.58	1.75	0.68	209	2.58	1.75	0.68	233	2.58	1.75	0.68	258	2.87	1.95	0.68	274	2.87	1.95	0.68	307	4.36	2.96	0.68	650	4.17	2.83	0.68	684	4.01	2.73	0.68	715	3.86	2.62	0.68	748	3.64	2.47	0.68	797	3.34	2.27	0.68	846	3.09	2.10	0.68	878	2.56	1.74	0.68	912
	23	20	2.71	1.52	0.56	249	2.71	1.52	0.56	273	2.71	1.52	0.56	298	3.01	1.68	0.56	314	3.01	1.68	0.56	347	4.58	2.56	0.56	683	4.38	2.45	0.56	718	4.22	2.36	0.56	751	4.05	2.27	0.56	786	3.82	2.14	0.56	837	3.51	1.96	0.56	889	3.25	1.82	0.56	923	2.70	1.51	0.56	958
	23	22	2.87	1.26	0.44	288	2.87	1.26	0.44	312	2.87	1.26	0.44	337	3.19	1.40	0.44	353	3.19	1.40	0.44	386	4.86	2.13	0.44	715	4.65	2.04	0.44	752	4.47	1.96	0.44	786	4.30	1.89	0.44	822	4.05	1.78	0.44	876	3.72	1.63	0.44	930	3.44	1.51	0.44	966	2.86	1.26	0.44	1002
	24	18	2.58	1.86	0.72	209	2.58	1.86	0.72	233	2.58	1.86	0.72	258	2.87	2.06	0.72	274	2.87	2.06	0.72	307	4.36	3.14	0.72	650	4.17	3.00	0.72	684	4.01	2.89	0.72	715	3.86	2.77	0.72	748	3.64	2.62	0.72	797	3.34	2.40	0.72	846	3.09	2.22	0.72	878	2.56	1.84	0.72	912
	24	20	2.71	1.63	0.60	249	2.71	1.63	0.60	273	2.71	1.63	0.60	298	3.01	1.80	0.60	314	3.01	1.80	0.60	347	4.58	2.75	0.60	683	4.38	2.63	0.60	718	4.22	2.53	0.60	751	4.05	2.43	0.60	786	3.82	2.29	0.60	837	3.51	2.10	0.60	889	3.25	1.95	0.60	923	2.70	1.62	0.60	958
	24	22	2.87	1.38	0.48	288	2.87	1.38	0.48	312	2.87	1.38	0.48	337	3.19	1.53	0.48	353	3.19	1.53	0.48	386	4.86	2.33	0.48	715	4.65	2.23	0.48	752	4.47	2.14	0.48	786	4.30	2.06	0.48	822	4.05	1.94	0.48	876	3.72	1.78	0.48	930	3.44	1.65	0.48	966	2.86	1.37	0.48	1002
	24	24	3.05	1.09	0.36	328	3.05	1.09	0.36	352	3.05	1.09	0.36	377	3.38	1.22	0.36	393	3.38	1.22	0.36	426	5.15	1.85	0.36	747	4.93	1.77	0.36	786	4.74	1.70	0.36	822	4.56	1.64	0.36	860	4.30	1.54	0.36	916	3.94	1.42	0.36	973	3.65	1.31	0.36	1010	3.03	1.09	0.36	1048
	25	18	2.58	1.96	0.76	209	2.58	1.96	0.76	233	2.58	1.96	0.76	258	2.87	2.18	0.76	274	2.87	2.18	0.76	307	4.36	3.31	0.76	650	4.17	3.17	0.76	684	4.01	3.05	0.76	715	3.86	2.93	0.76	748	3.64	2.76	0.76	797	3.34	2.54	0.76	846	3.09	2.35	0.76	878	2.56	1.95	0.76	912
	25	20	2.71	1.73	0.64	249	2.71	1.73	0.64	273	2.71	1.73	0.64	298	3.01	1.93	0.64	314	3.01	1.93	0.64	347	4.58	2.93	0.64	683	4.38	2.80	0.64	718	4.22	2.70	0.64	751	4.05	2.59	0.64	786	3.82	2.45	0.64	837	3.51	2.24	0.64	889	3.25	2.08	0.64	923	2.70	1.72	0.64	958
	25	22	2.87	1.49	0.52	288	2.87	1.49	0.52	312	2.87	1.49	0.52	337	3.19	1.66	0.52	353	3.19	1.66	0.52	386	4.86	2.52	0.52	715	4.65	2.41	0.52	752	4.47	2.32	0.52	786	4.30	2.23	0.52	822	4.05	2.11	0.52	876	3.72	1.93	0.52	930	3.44	1.79	0.52	966	2.86	1.48	0.52	1002
	25	24	3.05	1.22	0.40	328	3.05	1.22	0.40	352	3.05	1.22	0.40	377	3.38	1.35	0.40	393	3.38	1.35	0.40	426	5.15	2.06	0.40	747	4.93	1.97	0.40	786	4.74	1.89	0.40	822	4.56	1.82	0.40	860	4.30	1.72	0.40	916	3.94	1.58	0.40	973	3.65	1.46	0.40	1010	3.03	1.21	0.40	1048
	26	18	2.58	2.06	0.80	209	2.58	2.06	0.80	233	2.58	2.06	0.80	258	2.87	2.29	0.80	274	2.87	2.29	0.80	307	4.36	3.48	0.80	650	4.17	3.33	0.80	684	4.01	3.21	0.80	715	3.86	3.08	0.80	748	3.64	2.91	0.80	797	3.34	2.67	0.80	846	3.09	2.47	0.80	878	2.56	2.05	0.80	912
	26	20	2.71	1.84	0.68	249	2.71	1.84	0.68	273	2.71	1.84	0.68	298	3.01	2.05	0.68	314	3.01	2.05	0.68	347	4.58	3.11	0.68	683	4.38	2.98	0.68	718	4.22	2.86	0.68	751	4.05	2.75	0.68	786	3.82	2.60	0.68	837	3.51	2.38	0.68	889	3.25	2.21	0.68	923	2.70	1.83	0.68	958
	26	22	2.87	1.61	0.56	288	2.87	1.61	0.56	312	2.87	1.61	0.56	337	3.19	1.79	0.56	353	3.19	1.79	0.56	386	4.86	2.72	0.56	715	4.65	2.60	0.56	752	4.47	2.50	0.56	786	4.30	2.40	0.56	822	4.05	2.27	0.56	876	3.72	2.08	0.56	930	3.44	1.93	0.56	966	2.86	1.60	0.56	1002
	26	24	3.05	1.34	0.44	328	3.05	1.34	0.44	352	3.05	1.34	0.44	377	3.38	1.49	0.44	393	3.38	1.49	0.44	426	5.15	2.26	0.44	747	4.93	2.16	0.44	786	4.74	2.08	0.44	822	4.56	2.00	0.44	860	4.30	1.89	0.44	916	3.94	1.73	0.44	973	3.65	1.60	0.44	1010	3.03	1.33	0.44	1048
	26	26	3.20	1.02	0.32	368	3.20	1.02	0.32	392	3.20	1.02	0.32	417	3.55	1.13	0.32	433	3.55	1.13	0.32	466	5.41	1.73	0.32	780	5.17	1.65	0.32	820	4.97	1.59	0.32	858	4.78	1.53	0.32	898	4.51	1.44	0.32	956	4.14	1.32	0.32	1015	3.83	1.22	0.32	1054	3.18	1.02	0.32	1094
	27	18	2.58	2.17	0.84	209	2.58	2.17	0.84	233	2.58	2.17	0.84	258	2.87	2.41	0.84	274	2.87	2.41	0.84	307	4.36	3.66	0.84	650	4.17	3.50	0.84	684	4.01	3.37	0.84	715	3.86	3.24	0.84	748	3.64	3.05	0.84	797	3.34	2.80	0.84	846	3.09	2.59	0.84	878	2.56	2.15	0.84	912
	27	19	2.63	2.05	0.78	229	2.63	2.05	0.78	253	2.63	2.05	0.78	278	2.92	2.28	0.78	294	2.92	2.28	0.78	327	4.45	3.47	0.78	667	4.26	3.32	0.78	701	4.09	3.19	0.78	733	3.94	3.07	0.78	767	3.71	2.89	0.78	817	3.41	2.66	0.78	868	3.15	2.46	0.78	901	2.62	2.04	0.78	935
	27	20	2.71	1.95	0.72	249	2.71	1.95	0.72	273	2.71	1.95	0.72	298	3.01	2.17	0.72	314	3.01	2.17	0.72	347	4.58	3.30	0.72	683	4.38	3.15	0.72	718	4.22	3.03	0.72	751	4.05	2.92	0.72	786	3.82	2.75	0.72	837	3.51	2.53	0.72	889	3.25	2.34	0.72	923	2.70	1.94	0.72	958
	27	22	2.87	1.72	0.60	288	2.87	1.72	0.60	312	2.87	1.72	0.60	337	3.19	1.91	0.60	353	3.19	1.91	0.60	386	4.86	2.91	0.60	715	4.65	2.79	0.60	752	4.47	2.68	0.60	786	4.30	2.58	0.60	822	4.05	2.43	0.60	876	3.72	2.23	0.60	930	3.44	2.06	0.60	966	2.86	1.71	0.60	1002
	27	24	3.05	1.46	0.48	328	3.05	1.46	0.48	352	3.05	1.46	0.48	377	3.38	1.62	0.48	393	3.38	1.62	0.48	426	5.15	2.47	0.48	747	4.93	2.36	0.48	786	4.74	2.27	0.48	822	4.56	2.18	0.48	860	4.30	2.06	0.48	916	3.94	1.89	0.48	973	3.65	1.75	0.48	1010	3.03	1.45	0.48	1048
	27	26	3.20	1.15	0.36	368	3.20	1.15	0.36	392	3.20	1.15	0.36	417	3.55	1.28	0.36	433	3.55	1.28	0.36	466	5.41	1.94	0.36	780	5.17	1.86	0.36	820	4.97	1.79	0.36	858	4.78	1.72	0.36	898	4.51	1.62	0.36	956	4.14	1.49	0.36	1015	3.83	1.38	0.36	1054	3.18	1.14	0.36	1094
	28	18	2.58	2.27	0.88	209	2.58	2.27	0.88	233	2.58	2.27	0.88	258	2.87	2.52	0.88	274	2.87	2.52	0.88	307	4.36	3.83	0.88	650	4.17	3.67	0.88	684	4.01	3.53	0.88	715	3.86	3.39	0.88	748	3.64	3.20	0.88	797	3.34	2.94	0.88	846	3.09	2.72	0.88	878	2.56	2.26	0.88	912
	28	20	2.71	2.06	0.76	249	2.71	2.06	0.76	273	2.71	2.06	0.76	298	3.01	2.29	0.76	314	3.01	2.29	0.76	347	4.58	3.48	0.76	683	4.38	3.33	0.76	718	4.22	3.20	0.76	751	4.05	3.08	0.76	786	3.82	2.90	0.76	837	3.51	2.67	0.76	889	3.25	2.47	0.76	923	2.70	2.05	0.76	958
	28	22	2.87	1.84	0.64	288	2.87	1.84	0.64	312	2.87	1.84	0.64	337	3.19	2.04	0.64	353	3.19	2.04	0.64	386	4.86	3.11	0.64	715	4.65	2.97	0.64	752	4.47	2.86	0.64	786	4.30	2.75	0.64	822	4.05	2.59	0.64	876	3.72	2.38	0.64	930	3.44	2.20	0.64	966	2.86	1.83	0.64	1002
	28	24	3.05	1.58	0.52	328	3.05	1.58	0.52	352	3.05	1.58	0.52	377	3.38	1.76	0.52	393	3.38	1.76	0.52	426	5.15	2.67	0.52	747	4.93	2.56	0.52	786	4.74	2.46	0.52	822	4.56	2.37	0.52	860	4.30	2.23	0.52	916	3.94	2.05	0.52	973	3.65	1.89	0.52	1010	3.03	1.57	0.52	1048
	28	26	3.20	1.28	0.40	368	3.20	1.28	0.40	392	3.20	1.28	0.40	417	3.55	1.42	0.40	433	3.55	1.42	0.40	466	5.41	2.16	0.40	780	5.17	2.07	0.40	820	4.97	1.99	0.40	858	4.78	1.91	0.40	898	4.51	1.80	0.40	956	4.14	1.65	0.40	1015	3.83	1.53	0.40	1054	3.18	1.27	0.40	1094
	29	18	2.58	2.32	0.90	209	2.58	2.32	0.90	233	2.58	2.32	0.90	258	2.87	2.58	0.90	274	2.87	2.58	0.90	307	4.36	3.92	0.90	650	4.17	3.75	0.90	684	4.01	3.61	0.90	715	3.86	3.47	0.90	748	3.64	3.27	0.90	797	3.34	3.00	0.90	846	3.09	2.78	0.90	878	2.56	2.31	0.90	912
	29	20	2.71	2.17	0.80	249	2.71	2.17	0.80	273	2.71	2.17	0.80	298	3.01	2.41	0.80	314	3.01	2.41	0.80	347	4.58	3.66	0.80	683	4.38	3.50	0.80	718	4.22	3.37	0.80	751	4.05	3.24	0.80	786	3.82	3.06	0.80	837	3.51	2.81	0.80	889	3.25	2.60	0.80	923	2.70	2.15	0.80	958
	29	22	2.87	1.95	0.68	288	2.87	1.95	0.68	312	2.87	1.95	0.68	337	3.19	2.17	0.68	353	3.19	2.17	0.68	386	4.86	3.30	0.68	715	4.65	3.16	0.68	752	4.47	3.04	0.68	786	4.30	2.92	0.68	822	4.05	2.75	0.68	876	3.72	2.53	0.68	930	3.44	2.34	0.68	966	2.86	1.94	0.68	1002
	29	24	3.05	1.70	0.56	328	3.05	1.70	0.56	352	3.05	1.70	0.56	377	3.38	1.89	0.56	393	3.38	1.89	0.56	426	5.15	2.88	0.56	747	4.93	2.76	0.56	786	4.74	2.65	0.56	822	4.56	2.55	0.56	860	4.30	2.40	0.56	916	3.94	2.21	0.56	973	3.65	2.04	0.56	1010	3.03	1.69	0.56	1048
	29	26	3.20	1.41	0.44	368	3.20	1.41	0.44	392	3.20	1.41	0.44	417	3.55	1.56	0.44	433	3.55	1.56	0.44	466	5.41	2.37	0.44	780	5.17	2.27	0.44	820	4.97	2.19	0.44	858	4.78	2.10	0.44	898	4.51	1.98	0.44	956	4.14	1.82	0.44	1015	3.83	1.68	0.44	1054	3.18	1.40	0.44	1094
	30	18	2.58	2.32	0.90	209	2.58	2.32	0.90	233	2.58	2.32	0.90	258	2.87	2.58	0.90	274	2.87	2.58	0.90	307	4.36	3.92	0.90	650	4.17	3.75	0.90	684	4.01	3.61	0.90	715	3.86	3.47	0.90	748	3.64	3.27	0.90	797	3.34	3.00	0.90	846	3.09	2.78	0.90	878	2.56	2.31	0.90	912
	30	20	2.71	2.28	0.84	249	2.71	2.28	0.84	273	2.71	2.28	0.84	298	3.01	2.53	0.84	314	3.01	2.53	0.84	347	4.58	3.85	0.84	683	4.38	3.68	0.84	718	4.22	3.54	0.84	751	4.05	3.40	0.84	786	3.82	3.21	0.84	837	3.51	2.95	0.84	889	3.25	2.73	0.84	923	2.70	2.26	0.84	958
	30	22	2.87	2.07	0.72	288	2.87	2.07	0.72	312	2.87	2.07	0.72	337	3.19	2.30	0.72	353	3.19	2.30	0.72	386	4.86	3.49	0.72	715	4.65	3.34	0.72	752	4.47	3.21	0.72	786	4.30	3.09	0.72	822	4.05	2.92	0.72	876	3.72	2.68	0.72	930	3.44	2.48	0.72	966	2.86	2.06	0.72	1002
	30	24	3.05	1.83	0.60	328	3.05	1.83	0.60	352	3.05	1.83	0.60	377	3.38	2.03	0.60	393	3.38	2.03	0.60	426	5.15	3.09	0.60	747	4.93	2.95	0.60	786	4.74	2.84	0.60	822	4.56	2.73	0.60	860	4.30	2.58	0.60	916	3.94	2.36	0.60	973	3.65	2.19	0.60	1010	3.03	1.82	0.60	1048
	30	26	3.20	1.53	0.48	368	3.20	1.53	0.48	392	3.20	1.53	0.48	417	3.55	1.70	0.48	433	3.55	1.70	0.48	466	5.41	2.59	0.48	780	5.17	2.48	0.48	820	4.97	2.38	0.48	858	4.78	2.29	0.48	898	4.51	2.16	0.48	956	4.14	1.99	0.48	1015	3.83	1.84	0.48	1054	3.18	1.52	0.48	1094
	31	18	2.58	2.32	0.90	209	2.58	2.32	0.90	233	2.58	2.32	0.90	258	2.87	2.58	0.90	274	2.87	2.58	0.90	307	4.36	3.92	0.90	650	4.17	3.75	0.90	684	4.01	3.61	0.90	715	3.86	3.47	0.90	748	3.64	3.27	0.90	797	3.34	3.00	0.90	846	3.09	2.78	0.90	878	2.56	2.31	0.90	912
	31	20	2.71	2.38	0.88	249	2.71	2.38	0.88	273	2.71	2.38	0.88	298	3.01	2.65	0.88	314	3.01	2.65	0.88	347	4.58	4.03	0.88	683	4.38	3.86	0.88	718	4.22	3.71	0.88	751	4.05	3.56	0.88	786	3.82	3.36	0.88	837	3.51	3.09	0.88	889	3.25	2.86	0.88	923	2.70	2.37	0.88	958
	31	22	2.87	2.18	0.76	288	2.87	2.18	0.76	312	2.87	2.18	0.76	337	3.19	2.42	0.76	353	3.19	2.42	0.76	386	4.86	3.69	0.76	715	4.65	3.53	0.76	752	4.47	3.39	0.76	786	4.30	3.26	0.76	822	4.05	3.08	0.76	876	3.72	2.83	0.76	930	3.44	2.61	0.76	966	2.86	2.17	0.76	1002
	31	24	3.05	1.95	0.64	328	3.05	1.95	0.64	352	3.05	1.95	0.64	377	3.38	2.16	0.64	393	3.38	2.16	0.64	426	5.15	3.29	0.64	747	4.93	3.15	0.64	786	4.74	3.03	0.64	822	4.56	2.91	0.64	860	4.30	2.75	0.64	916	3.94	2.52	0.64	973	3.65	2.33	0.64	1010	3.03	1.94	0.64	1048
	31	26	3.20	1.66	0.52	368	3.20	1.66	0.52	392	3.20	1.66	0.52	417	3.55	1.85	0.52	433	3.55	1.85	0.52	466	5.41	2.81	0.52	780	5.17	2.69	0.52	820	4.97	2.58	0.52	858	4.78	2.48	0.52	898	4.51	2.34	0.52	956	4.14	2.15	0.52	1015	3.83	1.99	0.52	1054	3.18	1.65	0.52	1094
	32	18	2.58	2.32	0.90	209	2.58	2.32	0.90	233	2.58	2.32	0.90	258	2.87	2.58	0.90	274	2.87	2.58	0.90	307	4.36	3.92	0.90	650	4.17	3.75	0.90	684	4.01	3.61	0.90	715	3.86	3.47	0.90	748	3.64	3.27	0.90	797	3.34	3.00	0.90	846	3.09	2.78	0.90	878	2.56	2.31	0.90	912
	32	20	2.71	2.44	0.90	249	2.71	2.44	0.90	273	2.71	2.44	0.90	298	3.01	2.71	0.90	314	3.01	2.71	0.90	347	4.58	4.12	0.90	683	4.38	3.94	0.90	718	4.22	3.79	0.90	751	4.05	3.65	0.90	786	3.82	3.44	0.90	837	3.51	3.16	0.90	889	3.25	2.92	0.90	923	2.70	2.42	0.90	958
	32	22	2.87	2.30	0.80	288	2.87	2.30	0.80	312	2.87	2.30	0.80	337	3.19	2.55	0.80	353	3.19	2.55	0.80	386	4.86	3.88	0.80	715	4.65	3.72	0.80	752	4.47	3.57	0.80	786	4.30	3.43	0.80	822	4.05	3.24	0.80	876	3.72	2.97	0.80	930	3.44	2.75	0.80	966	2.86	2.28	0.80	1002
	32	24	3.05	2.07	0.68	328	3.05	2.07	0.68	352	3.05	2.07	0.68	377	3.38	2.30	0.68	393	3.38	2.30	0.68	426	5.15	3.50	0.68	747	4.93	3.35	0.68	786	4.74	3.22	0.68	822	4.56	3.09	0.68	860	4.30	2.92	0.68	916	3.94	2.68	0.68	973	3.65	2.48	0.68	1010	3.03	2.06	0.68	1048
	32	26	3.20	1.79	0.56	368	3.20	1.79	0.56	392	3.20	1.79	0.56	417	3.55	1.99	0.56	433	3.55	1.99	0.56	466	5.41	3.02	0.56	780	5.17	2.89	0.56	820	4.97	2.78	0.56	858	4.78	2.68	0.56	898	4.51	2.52	0.56	956	4.14	2.32	0.56	1015	3.83	2.14	0.56	1054	3.18	1.78	0.56	1094

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
110%	21	18	2.50	1.56	0.62	202	2.50	1.56	0.62	226	2.50	1.56	0.62	250	2.78	1.73	0.62	266	2.78	1.73	0.62	297	4.23	2.64	0.62	631	4.05	2.53	0.62	663	3.89	2.43	0.62	694	3.74	2.33	0.62	726	3.53	2.20	0.62	773	3.24	2.02	0.62	821	3.00	1.87	0.62	852	2.49	1.55	0.62	885
	21	20	2.63	1.33	0.50	242	2.63	1.33	0.50	266	2.63	1.33	0.50	290	2.92	1.47	0.50	306	2.92	1.47	0.50	337	4.45	2.24	0.50	664	4.26	2.14	0.50	698	4.09	2.06	0.50	730	3.94	1.98	0.50	764	3.71	1.87	0.50	813	3.41	1.72	0.50	864	3.15	1.59	0.50	896	2.62	1.32	0.50	930
	22	18	2.50	1.66	0.66	202	2.50	1.66	0.66	226	2.50	1.66	0.66	250	2.78	1.85	0.66	266	2.78	1.85	0.66	297	4.23	2.81	0.66	631	4.05	2.69	0.66	663	3.89	2.58	0.66	694	3.74	2.48	0.66	726	3.53	2.34	0.66	773	3.24	2.15	0.66	821	3.00	1.99	0.66	852	2.49	1.65	0.66	885
	22	20	2.63	1.43	0.54	242	2.63	1.43	0.54	266	2.63	1.43	0.54	290	2.92	1.59	0.54	306	2.92	1.59	0.54	337	4.45	2.42	0.54	664	4.26	2.31	0.54	698	4.09	2.22	0.54	730	3.94	2.14	0.54	764	3.71	2.02	0.54	813	3.41	1.85	0.54	864	3.15	1.71	0.54	896	2.62	1.42	0.54	930
	22	22	2.79	1.18	0.42	281	2.79	1.18	0.42	305	2.79	1.18	0.42	329	3.10	1.31	0.42	345	3.10	1.31	0.42	376	4.72	2.00	0.42	695	4.51	1.91	0.42	731	4.34	1.84	0.42	765	4.17	1.77	0.42	800	3.94	1.67	0.42	852	3.61	1.53	0.42	905	3.34	1.42	0.42	939	2.77	1.17	0.42	975
	23	18	2.50	1.76	0.70	202	2.50	1.76	0.70	226	2.50	1.76	0.70	250	2.78	1.96	0.70	266	2.78	1.96	0.70	297	4.23	2.98	0.70	631	4.05	2.85	0.70	663	3.89	2.74	0.70	694	3.74	2.63	0.70	726	3.53	2.49	0.70	773	3.24	2.28	0.70	821	3.00	2.11	0.70	852	2.49	1.75	0.70	885
	23	20	2.63	1.54	0.58	242	2.63	1.54	0.58	266	2.63	1.54	0.58	290	2.92	1.71	0.58	306	2.92	1.71	0.58	337	4.45	2.60	0.58	664	4.26	2.48	0.58	698	4.09	2.39	0.58	730	3.94	2.30	0.58	764	3.71	2.17	0.58	813	3.41	1.99	0.58	864	3.15	1.84	0.58	896	2.62	1.53	0.58	930
	23	22	2.79	1.29	0.46	281	2.79	1.29	0.46	305	2.79	1.29	0.46	329	3.10	1.44	0.46	345	3.10	1.44	0.46	376	4.72	2.19	0.46	695	4.51	2.09	0.46	731	4.34	2.01	0.46	765	4.17	1.93	0.46	800	3.94	1.82	0.46	852	3.61	1.67	0.46	905	3.34	1.55	0.46	939	2.77	1.29	0.46	975
	24	18	2.50	1.86	0.74	202	2.50	1.86	0.74	226	2.50	1.86	0.74	250	2.78	2.07	0.74	266	2.78	2.07	0.74	297	4.23	3.15	0.74	631	4.05	3.01	0.74	663	3.89	2.90	0.74	694	3.74	2.78	0.74	726	3.53	2.63	0.74	773	3.24	2.41	0.74	821	3.00	2.23	0.74	852	2.49	1.85	0.74	885
	24	20	2.63	1.64	0.62	242	2.63	1.64	0.62	266	2.63	1.64	0.62	290	2.92	1.82	0.62	306	2.92	1.82	0.62	337	4.45	2.77	0.62	664	4.26	2.65	0.62	698	4.09	2.55	0.62	730	3.94	2.45	0.62	764	3.71	2.31	0.62	813	3.41	2.12	0.62	864	3.15	1.97	0.62	896	2.62	1.63	0.62	930
	24	22	2.79	1.40	0.50	281	2.79	1.40	0.50	305	2.79	1.40	0.50	329	3.10	1.56	0.50	345	3.10	1.56	0.50	376	4.72	2.37	0.50	695	4.51	2.27	0.50	731	4.34	2.18	0.50	765	4.17	2.10	0.50	800	3.94	1.98	0.50	852	3.61	1.82	0.50	905	3.34	1.68	0.50	939	2.77	1.40	0.50	975
	24	24	2.96	1.13	0.38	321	2.96	1.13	0.38	345	2.96	1.13	0.38	369	3.29	1.26	0.38	385	3.29	1.26	0.38	416	5.00	1.92	0.38	728	4.78	1.83	0.38	766	4.60	1.76	0.38	801	4.42	1.70	0.38	838	4.17	1.60	0.38	892	3.83	1.47	0.38	947	3.54	1.36	0.38	983	2.94	1.13	0.38	1021
	25	18	2.50	1.96	0.78	202	2.50	1.96	0.78	226	2.50	1.96	0.78	250	2.78	2.18	0.78	266	2.78	2.18	0.78	297	4.23	3.32	0.78	631	4.05	3.17	0.78	663	3.89	3.05	0.78	694	3.74	2.93	0.78	726	3.53	2.77	0.78	773	3.24	2.54	0.78	821	3.00	2.35	0.78	852	2.49	1.95	0.78	885
	25	20	2.63	1.75	0.66	242	2.63	1.75	0.66	266	2.63	1.75	0.66	290	2.92	1.94	0.66	306	2.92	1.94	0.66	337	4.45	2.95	0.66	664	4.26	2.82	0.66	698	4.09	2.72	0.66	730	3.94	2.61	0.66	764	3.71	2.46	0.66	813	3.41	2.26	0.66	864	3.15	2.09	0.66	896	2.62	1.74	0.66	930
	25	22	2.79	1.52	0.54	281	2.79	1.52	0.54	305	2.79	1.52	0.54	329	3.10	1.68	0.54	345	3.10	1.68	0.54	376	4.72	2.56	0.54	695	4.51	2.45	0.54	731	4.34	2.36	0.54	765	4.17	2.27	0.54	800	3.94	2.14	0.54	852	3.61	1.96	0.54	905	3.34	1.82	0.54	939	2.77	1.51	0.54	975
	25	24	2.96	1.25	0.42	321	2.96	1.25	0.42	345	2.96	1.25	0.42	369	3.29	1.39	0.42	385	3.29	1.39	0.42	416	5.00	2.12	0.42	728	4.78	2.03	0.42	766	4.60	1.95	0.42	801	4.42	1.87	0.42	838	4.17	1.77	0.42	892	3.83	1.62	0.42	947	3.54	1.50	0.42	983	2.94	1.24	0.42	1021
	26	18	2.50	2.06	0.82	202	2.50	2.06	0.82	226	2.50	2.06	0.82	250	2.78	2.29	0.82	266	2.78	2.29	0.82	297	4.23	3.49	0.82	631	4.05	3.34	0.82	663	3.89	3.21	0.82	694	3.74	3.08	0.82	726	3.53	2.91	0.82	773	3.24	2.67	0.82	821	3.00	2.47	0.82	852	2.49	2.05	0.82	885
	26	20	2.63	1.85	0.70	242	2.63	1.85	0.70	266	2.63	1.85	0.70	290	2.92	2.06	0.70	306	2.92	2.06	0.70	337	4.45	3.13	0.70	664	4.26	2.99	0.70	698	4.09	2.88	0.70	730	3.94	2.77	0.70	764	3.71	2.61	0.70	813	3.41	2.40	0.70	864	3.15	2.22	0.70	896	2.62	1.84	0.70	930
	26	22	2.79	1.63	0.58	281	2.79	1.63	0.58	305	2.79	1.63	0.58	329	3.10	1.81	0.58	345	3.10	1.81	0.58	376	4.72	2.75	0.58	695	4.51	2.63	0.58	731	4.34	2.53	0.58	765	4.17	2.43	0.58	800	3.94	2.30	0.58	852	3.61	2.11	0.58	905	3.34	1.95	0.58	939	2.77	1.62	0.58	975
	26	24	2.96	1.37	0.46	321	2.96	1.37	0.46	345	2.96	1.37	0.46	369	3.29	1.52	0.46	385	3.29	1.52	0.46	416	5.00	2.32	0.46	728	4.78	2.22	0.46	766	4.60	2.13	0.46	801	4.42	2.05	0.46	838	4.17	1.93	0.46	892	3.83	1.77	0.46	947	3.54	1.64	0.46	983	2.94	1.36	0.46	1021
	26	26	3.11	1.07	0.34	361	3.11	1.07	0.34	385	3.11	1.07	0.34	409	3.45	1.18	0.34	425	3.45	1.18	0.34	456	5.25	1.80	0.34	761	5.02	1.72	0.34	800	4.83	1.66	0.34	837	4.64	1.59	0.34	875	4.38	1.50	0.34	932	4.02	1.38	0.34	990	3.72	1.28	0.34	1028	3.09	1.06	0.34	1067
	27	18	2.50	2.16	0.86	202	2.50	2.16	0.86	226	2.50	2.16	0.86	250	2.78	2.40	0.86	266	2.78	2.40	0.86	297	4.23	3.65	0.86	631	4.05	3.50	0.86	663	3.89	3.36	0.86	694	3.74	3.23	0.86	726	3.53	3.05	0.86	773	3.24	2.80	0.86	821	3.00	2.59	0.86	852	2.49	2.15	0.86	885
	27	19	2.56	2.05	0.80	222	2.56	2.05	0.80	246	2.56	2.05	0.80	270	2.84	2.28	0.80	286	2.84	2.28	0.80	317	4.32	3.47	0.80	647	4.13	3.32	0.80	681	3.97	3.19	0.80	712	3.82	3.07	0.80	745	3.61	2.90	0.80	793	3.31	2.66	0.80	842	3.06	2.46	0.80	874	2.54	2.04	0.80	908
	27	20	2.63	1.96	0.74	242	2.63	1.96	0.74	266	2.63	1.96	0.74	290	2.92	2.17	0.74	306	2.92	2.17	0.74	337	4.45	3.31	0.74	664	4.26	3.16	0.74	698	4.09	3.04	0.74	730	3.94	2.93	0.74	764	3.71	2.76	0.74	813	3.41	2.53	0.74	864	3.15	2.34	0.74	896	2.62	1.95	0.74	930
	27	22	2.79	1.74	0.62	281	2.79	1.74	0.62	305	2.79	1.74	0.62	329	3.10	1.93	0.62	345	3.10	1.93	0.62	376	4.72	2.94	0.62	695	4.51	2.81	0.62	731	4.34	2.70	0.62	765	4.17	2.60	0.62	800	3.94	2.45	0.62	852	3.61	2.25	0.62	905	3.34	2.08	0.62	939	2.77	1.73	0.62	975
	27	24	2.96	1.49	0.50	321	2.96	1.49	0.50	345	2.96	1.49	0.50	369	3.29	1.65	0.50	385	3.29	1.65	0.50	416	5.00	2.52	0.50	728	4.78	2.41	0.50	766	4.60	2.32	0.50	801	4.42	2.23	0.50	838	4.17	2.10	0.50	892	3.83	1.93	0.50	947	3.54	1.78	0.50	983	2.94	1.48	0.50	1021
	27	26	3.11	1.19	0.38	361	3.11	1.19	0.38	385	3.11	1.19	0.38	409	3.45	1.32	0.38	425	3.45	1.32	0.38	456	5.25	2.01	0.38	761	5.02	1.93	0.38	800	4.83	1.85	0.38	837	4.64	1.78	0.38	875	4.38	1.68	0.38	932	4.02	1.54	0.38	990	3.72	1.43	0.38	1028	3.09	1.18	0.38	1067
	28	18	2.50	2.26	0.90	202	2.50	2.26	0.90	226	2.50	2.26	0.90	250	2.78	2.51	0.90	266	2.78	2.51	0.90	297	4.23	3.82	0.90	631	4.05	3.66	0.90	663	3.89	3.52	0.90	694	3.74	3.38	0.90	726	3.53	3.19	0.90	773	3.24	2.93	0.90	821	3.00	2.71	0.90	852	2.49	2.25	0.90	885
	28	20	2.63	2.06	0.78	242	2.63	2.06	0.78	266	2.63	2.06	0.78	290	2.92	2.29	0.78	306	2.92	2.29	0.78	337	4.45	3.49	0.78	664	4.26	3.34	0.78	698	4.09	3.21	0.78	730	3.94	3.08	0.78	764	3.71	2.91	0.78	813	3.41	2.67	0.78	864	3.15	2.47	0.78	896	2.62	2.05	0.78	930
	28	22	2.79	1.85	0.66	281	2.79	1.85	0.66	305	2.79	1.85	0.66	329	3.10	2.06	0.66	345	3.10	2.06	0.66	376	4.72	3.13	0.66	695	4.51	2.99	0.66	731	4.34	2.88	0.66	765	4.17	2.77	0.66	800	3.94	2.61	0.66	852	3.61	2.40	0.66	905	3.34	2.22	0.66	939	2.77	1.84	0.66	975
	28	24	2.96	1.61	0.54	321	2.96	1.61	0.54	345	2.96	1.61	0.54	369	3.29	1.79	0.54	385	3.29	1.79	0.54	416	5.00	2.72	0.54	728	4.78	2.60	0.54	766	4.60	2.50	0.54	801	4.42	2.40	0.54	838	4.17	2.27	0.54	892	3.83	2.08	0.54	947	3.54	1.93	0.54	983	2.94	1.60	0.54	1021
	28	26	3.11	1.32	0.42	361	3.11	1.32	0.42	385	3.11	1.32	0.42	409	3.45	1.46	0.42	425	3.45	1.46	0.42	456	5.25	2.22	0.42	761	5.02	2.13	0.42	800	4.83	2.04	0.42	837	4.64	1.97	0.42	875	4.38	1.85	0.42	932	4.02	1.70	0.42	990	3.72	1.57	0.42	1028	3.09	1.31	0.42	1067
	29	18	2.50	2.31	0.92	202	2.50	2.31	0.92	226	2.50	2.31	0.92	250	2.78	2.57	0.92	266	2.78	2.57	0.92	297	4.23	3.91	0.92	631	4.05	3.74	0.92	663	3.89	3.60	0.92	694	3.74	3.46	0.92	726	3.53	3.26	0.92	773	3.24	2.99	0.92	821	3.00	2.77	0.92	852	2.49	2.30	0.92	885
	29	20	2.63	2.17	0.82	242	2.63	2.17	0.82	266	2.63	2.17	0.82	290	2.92	2.41	0.82	306	2.92	2.41	0.82	337	4.45	3.66	0.82	664	4.26	3.51	0.82	698	4.09	3.37	0.82	730	3.94	3.24	0.82	764	3.71	3.06	0.82	813	3.41	2.81	0.82	864	3.15	2.60	0.82	896	2.62	2.15	0.82	930
	29	22	2.79	1.96	0.70	281	2.79	1.96	0.70	305	2.79	1.96	0.70	329	3.10	2.18	0.70	345	3.10	2.18	0.70	376	4.72	3.32	0.70	695	4.51	3.17	0.70	731	4.34	3.05	0.70	765	4.17	2.93	0.70	800	3.94	2.77	0.70	852	3.61	2.54	0.70	905	3.34	2.35	0.70	939	2.77	1.95	0.70	975
	29	24	2.96	1.73	0.58	321	2.96	1.73	0.58	345	2.96	1.73	0.58	369	3.29	1.92	0.58	385	3.29	1.92	0.58	416	5.00	2.92	0.58	728	4.78	2.79	0.58	766	4.60	2.68	0.58	801	4.42	2.58	0.58	838	4.17	2.43	0.58	892	3.83	2.23	0.58	947	3.54	2.07	0.58	983	2.94	1.72	0.58	1021
	29	26	3.11	1.44	0.46	361	3.11	1.44	0.46	385	3.11	1.44	0.46	409	3.45	1.60	0.46	425	3.45	1.60	0.46	456	5.25	2.43	0.46	761	5.02	2.33	0.46	800	4.83	2.24	0.46	837	4.64	2.15	0.46	875	4.38	2.03	0.46	932	4.02	1.86	0.46	990	3.72	1.72	0.46	1028	3.09	1.43	0.46	1067
	30	18	2.50	2.31	0.92	202	2.50	2.31	0.92	226	2.50	2.31	0.92	250	2.78	2.57	0.92	266	2.78	2.57	0.92	297	4.23	3.91	0.92	631	4.05	3.74	0.92	663	3.89	3.60	0.92	694	3.74	3.46	0.92	726	3.53	3.26	0.92	773	3.24	2.99	0.92	821	3.00	2.77	0.92	852	2.49	2.30	0.92	885
	30	20	2.63	2.27	0.86	242	2.63	2.27	0.86	266	2.63	2.27	0.86	290	2.92	2.52	0.86	306	2.92	2.52	0.86	337	4.45	3.84	0.86	664	4.26	3.68	0.86	698	4.09	3.53	0.86	730	3.94	3.40	0.86	764	3.71	3.21	0.86	813	3.41	2.94	0.86	864	3.15	2.72	0.86	896	2.62	2.26	0.86	930
	30	22	2.79	2.07	0.74	281	2.79	2.07	0.74	305	2.79	2.07	0.74	329	3.10	2.30	0.74	345	3.10	2.30	0.74	376	4.72	3.51	0.74	695	4.51	3.35	0.74	731	4.34	3.23	0.74	765	4.17	3.10	0.74	800	3.94	2.93	0.74	852	3.61	2.69	0.74	905	3.34	2.48	0.74	939	2.77	2.06	0.74	975
	30	24	2.96	1.84	0.62	321	2.96	1.84	0.62	345	2.96	1.84	0.62	369	3.29	2.05	0.62	385	3.29	2.05	0.62	416	5.00	3.12	0.62	728	4.78	2.98	0.62	766	4.60	2.87	0.62	801	4.42	2.76	0.62	838	4.17	2.60	0.62	892	3.83	2.39	0.62	947	3.54	2.21	0.62	983	2.94	1.83	0.62	1021
	30	26	3.11	1.56	0.50	361	3.11	1.56	0.50	385	3.11	1.56	0.50	409	3.45	1.74	0.50	425	3.45	1.74	0.50	456	5.25	2.64	0.50	761	5.02	2.53	0.50	800	4.83	2.43	0.50	837	4.64	2.34	0.50	875	4.38	2.21	0.50	932	4.02	2.02	0.50	990	3.72	1.87	0.50	1028	3.09	1.55	0.50	1067
	31	18	2.50	2.31	0.92	202	2.50	2.31	0.92	226	2.50	2.31	0.92	250	2.78	2.57	0.92	266	2.78	2.57	0.92	297	4.23	3.91	0.92	631	4.05	3.74	0.92	663	3.89	3.60	0.92	694	3.74	3.46	0.92	726	3.53	3.26	0.92	773	3.24	2.99	0.92	821	3.00	2.77	0.92	852	2.49	2.30	0.92	885
	31	20	2.63	2.38	0.90	242	2.63	2.38	0.90	266	2.63	2.38	0.90	290	2.92	2.64	0.90	306	2.92	2.64	0.90	337	4.45	4.02	0.90	664	4.26	3.85	0.90	698	4.09	3.70	0.90	730	3.94	3.56	0.90	764	3.71	3.35	0.90	813	3.41	3.08	0.90	864	3.15	2.85	0.90	896	2.62	2.36	0.90	930
	31	22	2.79	2.19	0.78	281	2.79	2.19	0.78	305	2.79	2.19	0.78	329	3.10	2.43	0.78	345	3.10	2.43	0.78	376	4.72	3.69	0.78	695	4.51	3.54	0.78	731	4.34	3.40	0.78	765	4.17	3.27	0.78	800	3.94	3.08	0.78	852	3.61	2.83	0.78	905	3.34	2.62	0.78	939	2.77	2.17	0.78	975
	31	24	2.96	1.96	0.66	321	2.96	1.96	0.66	345	2.96	1.96	0.66	369	3.29	2.18	0.66	385	3.29	2.18	0.66	416	5.00	3.32	0.66	728	4.78	3.17	0.66	766	4.60	3.05	0.66	801	4.42	2.93	0.66	838	4.17	2.77	0.66	892	3.83	2.54	0.66	947	3.54	2.35	0.66	983	2.94	1.95	0.66	1021
	31	26	3.11	1.69	0.54	361	3.11	1.69	0.54	385	3.11	1.69	0.54	409	3.45	1.87	0.54	425	3.45	1.87	0.54	456	5.25	2.85	0.54	761	5.02	2.73	0.54	800	4.83	2.62	0.54	837	4.64	2.52	0.54	875	4.38	2.38	0.54	932	4.02	2.19	0.54	990	3.72	2.02	0.54	1028	3.09	1.68	0.54	1067
	32	18	2.50	2.31	0.92	202	2.50	2.31	0.92	226	2.50	2.31	0.92	250	2.78	2.57	0.92	266	2.78	2.57	0.92	297	4.23	3.91	0.92	631	4.05	3.74	0.92	663	3.89	3.60	0.92	694	3.74	3.46	0.92	726	3.53	3.26	0.92	773	3.24	2.99	0.92	821	3.00	2.77	0.92	852	2.49	2.30	0.92	885
	32	20	2.63	2.43	0.92	242	2.63	2.43	0.92	266	2.63	2.43	0.92	290	2.92	2.70	0.92	306	2.92	2.70	0.92	337	4.45	4.11	0.92	664	4.26	3.93	0.92	698	4.09	3.78	0.92	730	3.94	3.63	0.92	764	3.71	3.43	0.92	813	3.41	3.15	0.92	864	3.15	2.91	0.92	896	2.62	2.42	0.92	930
	32	22	2.79	2.30	0.82	281	2.79	2.30	0.82	305	2.79	2.30	0.82	329	3.10	2.55	0.82	345	3.10	2.55	0.82	376	4.72	3.88	0.82	695	4.51	3.72	0.82	731	4.34	3.57	0.82	765	4.17	3.44	0.82	800	3.94	3.24	0.82	852	3.61	2.98	0.82	905	3.34	2.75	0.82	939	2.77	2.28	0.82	975
	32	24	2.96	2.08	0.70	321	2.96	2.08	0.70	345	2.96	2.08	0.70	369	3.29	2.31	0.70	385	3.29	2.31	0.70	416	5.00	3.52	0.70	728	4.78	3.36	0.70	766	4.60	3.24	0.70	801	4.42	3.11	0.70	838	4.17	2.93	0.70	892	3.83	2.69	0.70	947	3.54	2.49	0.70	983	2.94	2.07	0.70	1021
	32	26	3.11	1.81	0.58	361	3.11	1.81	0.58	385	3.11	1.81	0.58	409	3.45	2.01	0.58	425	3.45	2.01	0.58	456	5.25	3.06	0.58	761	5.02	2.93	0.58	800	4.83	2.82	0.58	837	4.64	2.71	0.58	875	4.38	2.56	0.58	932	4.02	2.35	0.58	990	3.72	2.17	0.58	1028	3.09	1.80	0.58	1067

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA																																																	
			OUTDOOR DB (°C)																																																	
			-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
	21	18	2.43	1.46	0.60	196	2.43	1.46	0.60	219	2.43	1.46	0.60	242	2.70	1.62	0.60	257	2.70	1.62	0.60	288	4.11	2.47	0.60	612	3.93	2.36	0.60	644	3.78	2.27	0.60	673	3.64	2.18	0.60	704	3.43	2.06	0.60	750	3.15	1.89	0.60	797	2.91	1.75	0.60	827	2.42	1.45	0.60	858
	21	20	2.56	1.23	0.48	236	2.56	1.23	0.48	259	2.56	1.23	0.48	282	2.84	1.36	0.48	297	2.84	1.36	0.48	328	4.32	2.07	0.48	645	4.13	1.98	0.48	678	3.97	1.91	0.48	709	3.82	1.83	0.48	742	3.61	1.73	0.48	790	3.31	1.59	0.48	839	3.06	1.47	0.48	871	2.54	1.22	0.48	904
	22	18	2.43	1.56	0.64	196	2.43	1.56	0.64	219	2.43	1.56	0.64	242	2.70	1.73	0.64	257	2.70	1.73	0.64	288	4.11	2.63	0.64	612	3.93	2.52	0.64	644	3.78	2.42	0.64	673	3.64	2.33	0.64	704	3.43	2.20	0.64	750	3.15	2.02	0.64	797	2.91	1.86	0.64	827	2.42	1.55	0.64	858
	22	20	2.56	1.33	0.52	236	2.56	1.33	0.52	259	2.56	1.33	0.52	282	2.84	1.48	0.52	297	2.84	1.48	0.52	328	4.32	2.25	0.52	645	4.13	2.15	0.52	678	3.97	2.07	0.52	709	3.82	1.99	0.52	742	3.61	1.87	0.52	790	3.31	1.72	0.52	839	3.06	1.59	0.52	871	2.54	1.32	0.52	904
	22	22	2.71	1.08	0.40	275	2.71	1.08	0.40	298	2.71	1.08	0.40	321	3.01	1.20	0.40	336	3.01	1.20	0.40	367	4.58	1.83	0.40	677	4.38	1.75	0.40	711	4.21	1.69	0.40	744	4.05	1.62	0.40	778	3.82	1.53	0.40	829	3.51	1.40	0.40	880	3.24	1.30	0.40	914	2.69	1.08	0.40	949
	23	18	2.43	1.65	0.68	196	2.43	1.65	0.68	219	2.43	1.65	0.68	242	2.70	1.84	0.68	257	2.70	1.84	0.68	288	4.11	2.79	0.68	612	3.93	2.67	0.68	644	3.78	2.57	0.68	673	3.64	2.47	0.68	704	3.43	2.33	0.68	750	3.15	2.14	0.68	797	2.91	1.98	0.68	827	2.42	1.64	0.68	858
	23	20	2.56	1.43	0.56	236	2.56	1.43	0.56	259	2.56	1.43	0.56	282	2.84	1.59	0.56	297	2.84	1.59	0.56	328	4.32	2.42	0.56	645	4.13	2.31	0.56	678	3.97	2.23	0.56	709	3.82	2.14	0.56	742	3.61	2.02	0.56	790	3.31	1.85	0.56	839	3.06	1.71	0.56	871	2.54	1.42	0.56	904
	23	22	2.71	1.19	0.44	275	2.71	1.19	0.44	298	2.71	1.19	0.44	321	3.01	1.32	0.44	336	3.01	1.32	0.44	367	4.58	2.01	0.44	677	4.38	1.93	0.44	711	4.21	1.85	0.44	744	4.05	1.78	0.44	778	3.82	1.68	0.44	829	3.51	1.54	0.44	880	3.24	1.43	0.44	914	2.69	1.19	0.44	949
	24	18	2.43	1.75	0.72	196	2.43	1.75	0.72	219	2.43	1.75	0.72	242	2.70	1.94	0.72	257	2.70	1.94	0.72	288	4.11	2.96	0.72	612	3.93	2.83	0.72	644	3.78	2.72	0.72	673	3.64	2.62	0.72	704	3.43	2.47	0.72	750	3.15	2.27	0.72	797	2.91	2.10	0.72	827	2.42	1.74	0.72	858
	24	20	2.56	1.53	0.60	236	2.56	1.53	0.60	259	2.56	1.53	0.60	282	2.84	1.70	0.60	297	2.84	1.70	0.60	328	4.32	2.59	0.60	645	4.13	2.48	0.60	678	3.97	2.38	0.60	709	3.82	2.29	0.60	742	3.61	2.16	0.60	790	3.31	1.99	0.60	839	3.06	1.84	0.60	871	2.54	1.52	0.60	904
	24	22	2.71	1.30	0.48	275	2.71	1.30	0.48	298	2.71	1.30	0.48	321	3.01	1.44	0.48	336	3.01	1.44	0.48	367	4.58	2.20	0.48	677	4.38	2.10	0.48	711	4.21	2.02	0.48	744	4.05	1.94	0.48	778	3.82	1.83	0.48	829	3.51	1.68	0.48	880	3.24	1.56	0.48	914	2.69	1.29	0.48	949
	24	24	2.87	1.03	0.36	315	2.87	1.03	0.36	338	2.87	1.03	0.36	361	3.19	1.15	0.36	376	3.19	1.15	0.36	407	4.85	1.75	0.36	709	4.64	1.67	0.36	746	4.47	1.61	0.36	780	4.29	1.55	0.36	816	4.05	1.46	0.36	869	3.72	1.34	0.36	923	3.44	1.24	0.36	958	2.85	1.03	0.36	994
	25	18	2.43	1.85	0.76	196	2.43	1.85	0.76	219	2.43	1.85	0.76	242	2.70	2.05	0.76	257	2.70	2.05	0.76	288	4.11	3.12	0.76	612	3.93	2.99	0.76	644	3.78	2.87	0.76	673	3.64	2.76	0.76	704	3.43	2.61	0.76	750	3.15	2.39	0.76	797	2.91	2.21	0.76	827	2.42	1.84	0.76	858
	25	20	2.56	1.64	0.64	236	2.56	1.64	0.64	259	2.56	1.64	0.64	282	2.84	1.82	0.64	297	2.84	1.82	0.64	328	4.32	2.76	0.64	645	4.13	2.65	0.64	678	3.97	2.54	0.64	709	3.82	2.45	0.64	742	3.61	2.31	0.64	790	3.31	2.12	0.64	839	3.06	1.96	0.64	871	2.54	1.63	0.64	904
	25	22	2.71	1.41	0.52	275	2.71	1.41	0.52	298	2.71	1.41	0.52	321	3.01	1.56	0.52	336	3.01	1.56	0.52	367	4.58	2.38	0.52	677	4.38	2.28	0.52	711	4.21	2.19	0.52	744	4.05	2.11	0.52	778	3.82	1.99	0.52	829	3.51	1.82	0.52	880	3.24	1.69	0.52	914	2.69	1.40	0.52	949
	25	24	2.87	1.15	0.40	315	2.87	1.15	0.40	338	2.87	1.15	0.40	361	3.19	1.28	0.40	376	3.19	1.28	0.40	407	4.85	1.94	0.40	709	4.64	1.86	0.40	746	4.47	1.79	0.40	780	4.29	1.72	0.40	816	4.05	1.62	0.40	869	3.72	1.49	0.40	923	3.44	1.38	0.40	958	2.85	1.14	0.40	994
	26	18	2.43	1.95	0.80	196	2.43	1.95	0.80	219	2.43	1.95	0.80	242	2.70	2.16	0.80	257	2.70	2.16	0.80	288	4.11	3.29	0.80	612	3.93	3.15	0.80	644	3.78	3.02	0.80	673	3.64	2.91	0.80	704	3.43	2.74	0.80	750	3.15	2.52	0.80	797	2.91	2.33	0.80	827	2.42	1.93	0.80	858
	26	20	2.56	1.74	0.68	236	2.56	1.74	0.68	259	2.56	1.74	0.68	282	2.84	1.93	0.68	297	2.84	1.93	0.68	328	4.32	2.94	0.68	645	4.13	2.81	0.68	678	3.97	2.70	0.68	709	3.82	2.60	0.68	742	3.61	2.45	0.68	790	3.31	2.25	0.68	839	3.06	2.08	0.68	871	2.54	1.73	0.68	904
	26	22	2.71	1.52	0.56	275	2.71	1.52	0.56	298	2.71	1.52	0.56	321	3.01	1.69	0.56	336	3.01	1.69	0.56	367	4.58	2.56	0.56	677	4.38	2.45	0.56	711	4.21	2.36	0.56	744	4.05	2.27	0.56	778	3.82	2.14	0.56	829	3.51	1.96	0.56	880	3.24	1.82	0.56	914	2.69	1.51	0.56	949
	26	24	2.87	1.26	0.44	315	2.87	1.26	0.44	338	2.87	1.26	0.44	361	3.19	1.40	0.44	376	3.19	1.40	0.44	407	4.85	2.14	0.44	709	4.64	2.04	0.44	746	4.47	1.96	0.44	780	4.29	1.89	0.44	816	4.05	1.78	0.44	869	3.72	1.64	0.44	923	3.44	1.51	0.44	958	2.85	1.26	0.44	994
	26	26	3.02	0.96	0.32	355	3.02	0.96	0.32	378	3.02	0.96	0.32	401	3.35	1.07	0.32	416	3.35	1.07	0.32	447	5.10	1.63	0.32	742	4.88	1.56	0.32	780	4.69	1.50	0.32	816	4.51	1.44	0.32	854	4.25	1.36	0.32	909	3.90	1.25	0.32	965	3.61	1.16	0.32	1002	3.00	0.96	0.32	1040
	27	18	2.43	2.04	0.84	196	2.43	2.04	0.84	219	2.43	2.04	0.84	242	2.70	2.27	0.84	257	2.70	2.27	0.84	288	4.11	3.45	0.84	612	3.93	3.30	0.84	644	3.78	3.18	0.84	673	3.64	3.05	0.84	704	3.43	2.88	0.84	750	3.15	2.64	0.84	797	2.91	2.45	0.84	827	2.42	2.03	0.84	858
	27	19	2.48	1.94	0.78	216	2.48	1.94	0.78	239	2.48	1.94	0.78	262	2.76	2.15	0.78	277	2.76	2.15	0.78	308	4.19	3.27	0.78	628	4.01	3.13	0.78	661	3.86	3.01	0.78	691	3.71	2.89	0.78	723	3.50	2.73	0.78	770	3.21	2.51	0.78	818	2.97	2.32	0.78	849	2.47	1.92	0.78	881
	27	20	2.56	1.84	0.72	236	2.56	1.84	0.72	259	2.56	1.84	0.72	282	2.84	2.04	0.72	297	2.84	2.04	0.72	328	4.32	3.11	0.72	645	4.13	2.98	0.72	678	3.97	2.86	0.72	709	3.82	2.75	0.72	742	3.61	2.60	0.72	790	3.31	2.38	0.72	839	3.06	2.20	0.72	871	2.54	1.83	0.72	904
	27	22	2.71	1.63	0.60	275	2.71	1.63	0.60	298	2.71	1.63	0.60	321	3.01	1.81	0.60	336	3.01	1.81	0.60	367	4.58	2.75	0.60	677	4.38	2.63	0.60	711	4.21	2.53	0.60	744	4.05	2.43	0.60	778	3.82	2.29	0.60	829	3.51	2.10	0.60	880	3.24	1.95	0.60	914	2.69	1.62	0.60	949
100%	27	24	2.87	1.38	0.48	315	2.87	1.38	0.48	338	2.87	1.38	0.48	361	3.19	1.53	0.48	376	3.19	1.53	0.48	407	4.85	2.33	0.48	709	4.64	2.23	0.48	746	4.47	2.14	0.48	780	4.29	2.06	0.48	816	4.05	1.94	0.48	869	3.72	1.78	0.48	923	3.44	1.65	0.48	958	2.85	1.37	0.48	994
	27	26	3.02	1.09	0.36	355	3.02	1.09	0.36	378	3.02	1.09	0.36	401	3.35	1.21	0.36	416	3.35	1.21	0.36	447	5.10	1.83	0.36	742	4.88	1.76	0.36	780	4.69	1.69	0.36	816	4.51	1.62	0.36	854	4.25	1.53	0.36	909	3.90	1.41	0.36	965	3.61	1.30	0.36	1002	3.00	1.08	0.36	1040
	28	18	2.43	2.14	0.88	196	2.43	2.14	0.88	219	2.43	2.14	0.88	242	2.70	2.38	0.88	257	2.70	2.38	0.88	288	4.11	3.62	0.88	612	3.93	3.46	0.88	644	3.78	3.33	0.88	673	3.64	3.20	0.88	704	3.43	3.02	0.88	750	3.15	2.77	0.88	797	2.91	2.56	0.88	827	2.42	2.13	0.88	858
	28	20	2.56	1.94	0.76	236	2.56	1.94	0.76	259	2.56	1.94	0.76	282	2.84	2.16	0.76	297	2.84	2.16	0.76	328	4.32	3.28	0.76	645	4.13	3.14	0.76	678	3.97	3.02	0.76	709	3.82	2.90	0.76	742	3.61	2.74	0.76	790	3.31	2.52	0.76	839	3.06	2.33	0.76	871	2.54	1.93	0.76	904
	28	22	2.71	1.73	0.64	275	2.71	1.73	0.64	298	2.71	1.73	0.64	321	3.01	1.93	0.64	336	3.01	1.93	0.64	367	4.58	2.93	0.64	677	4.38	2.80	0.64	711	4.21	2.70	0.64	744	4.05	2.59	0.64	778	3.82	2.45	0.64	829	3.51	2.25	0.64	880	3.24	2.08	0.64	914	2.69	1.72	0.64	949
	28	24	2.87	1.49	0.52	315	2.87	1.49	0.52	338	2.87	1.49	0.52	361	3.19	1.66	0.52	376	3.19	1.66	0.52	407	4.85	2.52	0.52	709	4.64	2.41	0.52	746	4.47	2.32	0.52	780	4.29	2.23	0.52	816	4.05	2.11	0.52	869	3.72	1.93	0.52	923	3.44	1.79	0.52	958	2.85	1.48	0.52	994
	28	26	3.02	1.21	0.40	355	3.02	1.21	0.40	378	3.02	1.21	0.40	401	3.35	1.34	0.40	416	3.35	1.34	0.40	447	5.10	2.04	0.40	742	4.88	1.95	0.40	780	4.69	1.88	0.40	816	4.51	1.80	0.40	854	4.25	1.70	0.40	909	3.90	1.56	0.40	965	3.61	1.44	0.40	1002	3.00	1.20	0.40	1040
	29	18	2.43	2.19	0.90	196	2.43	2.19	0.90	219	2.43	2.19	0.90	242	2.70	2.43	0.90	257	2.70	2.43	0.90	288	4.11	3.70	0.90	612	3.93	3.54	0.90	644	3.78	3.40	0.90	673	3.64	3.27	0.90	704	3.43	3.09	0.90	750	3.15	2.83	0.90	797	2.91	2.62	0.90	827	2.42	2.18	0.90	858
	29	20	2.56	2.04	0.80	236	2.56	2.04	0.80	259	2.56	2.04	0.80	282	2.84	2.27	0.80	297	2.84	2.27	0.80	328	4.32	3.46	0.80	645	4.13	3.31	0.80	678	3.97	3.18	0.80	709	3.82	3.06	0.80	742	3.61	2.88	0.80	790	3.31	2.65	0.80	839	3.06	2.45	0.80	871	2.54	2.03	0.80	904
	29	22	2.71	1.84	0.68	275	2.71	1.84	0.68	298	2.71	1.84	0.68	321	3.01	2.05	0.68	336	3.01	2.05	0.68	367	4.58	3.11	0.68	677	4.38	2.98	0.68	711	4.21	2.86	0.68	744	4.05	2.75	0.68	778	3.82	2.60	0.68	829	3.51	2.39	0.68	880	3.24	2.21	0.68	914	2.69	1.83	0.68	949
	29	24	2.87	1.61	0.56	315	2.87	1.61	0.56	338	2.87	1.61	0.56	361	3.19	1.79	0.56	376	3.19	1.79	0.56	407	4.85	2.72	0.56	709	4.64	2.60	0.56	746	4.47	2.50	0.56	780	4.29	2.40	0.56	816	4.05	2.27	0.56	869	3.72	2.08	0.56	923	3.44	1.93	0.56	958	2.85	1.60	0.56	994
	29	26	3.02	1.33	0.44	355	3.02	1.33	0.44	378	3.02	1.33	0.44	401	3.35	1.47	0.44	416	3.35	1.47	0.44	447	5.10	2.24	0.44	742	4.88	2.15	0.44	780	4.69	2.06	0.44	816	4.51	1.98	0.44	854	4.25	1.87	0.44	909	3.90	1.72	0.44	965	3.61	1.59	0.44	1002	3.00	1.32	0.44	1040
	30	18	2.43	2.19	0.90	196	2.43	2.19	0.90	219	2.43	2.19	0.90	242	2.70	2.43	0.90	257	2.70	2.43	0.90	288	4.11	3.70	0.90	612	3.93	3.54	0.90	644	3.78	3.40	0.90	673	3.64	3.27	0.90	704	3.43	3.09	0.90	750	3.15	2.83	0.90	797	2.91	2.62	0.90	827	2.42	2.18	0.90	858
	30	20	2.56	2.15	0.84	236	2.56	2.15	0.84	259	2.56	2.15	0.84	282	2.84	2.38	0.84	297	2.84	2.38	0.84	328	4.32	3.63	0.84	645	4.13	3.47	0.84	678	3.97	3.34	0.84	709	3.82	3.21	0.84	742	3.61	3.03	0.84	790	3.31	2.78	0.84	839	3.06	2.57	0.84	871	2.54	2.13	0.84	904
	30	22	2.71	1.95	0.72	275	2.71	1.95	0.72	298	2.71	1.95	0.72	321	3.01	2.17	0.72	336	3.01	2.17	0.72	367	4.58	3.30	0.72	677	4.38	3.15	0.72	711	4.21	3.03	0.72	744	4.05	2.92	0.72	778	3.82	2.75	0.72	829	3.51	2.53	0.72	880	3.24	2.34	0.72	914	2.69	1.94	0.72	949
	30	24	2.87	1.72	0.60	315	2.87	1.72	0.60	338	2.87	1.72	0.60	361	3.19	1.91	0.60	376	3.19	1.91	0.60	407	4.85	2.91	0.60	709	4.64	2.79	0.60	746	4.47	2.68	0.60	780	4.29	2.58	0.60	816	4.05	2.43	0.60	869	3.72	2.23	0.60	923	3.44	2.06	0.60	958	2.85	1.71	0.60	994
	30	26	3.02	1.45	0.48	355	3.02	1.45	0.48	378	3.02	1.45	0.48	401	3.35	1.61	0.48	416	3.35	1.61	0.48	447	5.10	2.45	0.48	742	4.88	2.34	0.48	780	4.69	2.25	0.48	816	4.51	2.16	0.48	854	4.25	2.04	0.48	909	3.90	1.87	0.48	965	3.61	1.73	0.48	1002	3.00	1.44	0.48	1040
	31	18	2.43	2.19	0.90	196	2.43	2.19	0.90	219	2.43	2.19	0.90	242	2.70	2.43	0.90	257	2.70	2.43	0.90	288	4.11	3.70	0.90	612	3.93	3.54	0.90	644	3.78	3.40	0.90	673	3.64	3.27	0.90	704	3.43	3.09	0.90	750	3.15	2.83	0.90	797	2.91	2.62	0.90	827	2.42	2.18	0.90	858
	31	20	2.56	2.25	0.88	236	2.56	2.25	0.88	259	2.56	2.25	0.88	282	2.84	2.50	0.88	297	2.84	2.50	0.88	328	4.32	3.80	0.88	645	4.13	3.64	0.88	678	3.97	3.50	0.88	709	3.82	3.36	0.88	742	3.61	3.17	0.88	790	3.31	2.91	0.88	839	3.06	2.69	0.88	871	2.54	2.24	0.88	904
	31	22	2.71	2.06	0.76	275	2.71	2.06	0.76	298	2.71	2.06	0.76	321	3.01	2.29	0.76	336	3.01	2.29	0.76	367	4.58	3.48	0.76	677	4.38	3.33	0.76	711	4.21	3.20	0.76	744	4.05	3.08	0.76	778	3.82	2.90	0.76	829	3.51	2.67	0.76	880	3.24	2.47	0.76	914	2.69	2.05	0.76	949
	31	24	2.87	1.84	0.64	315	2.87	1.84	0.64	338	2.87	1.84	0.64	361	3.19	2.04	0.64	376	3.19	2.04	0.64	407	4.85	3.11	0.64	709	4.64	2.97	0.64	746	4.47	2.86	0.64	780	4.29	2.75	0.64	816	4.05	2.59	0.64	869	3.72	2.38	0.64	923	3.44	2.20	0.64	958	2.85	1.83	0.64	994
	31	26	3.02	1.57	0.52	355	3.02	1.57	0.52	378	3.02	1.57	0.52	401	3.35	1.74	0.52	416	3.35	1.74	0.52	447	5.10	2.65	0.52	742	4.88	2.54	0.52	780	4.69	2.44	0.52	816	4.51	2.34	0.52	854	4.25	2.21	0.52	909	3.90	2.03	0.52	965	3.61	1.88	0.52	1002	3.00	1.56	0.52	1040
	32	18	2.43	2.19	0.90	196	2.43	2.19	0.90	219	2.43	2.19	0.90	242	2.70	2.43	0.90	257	2.70	2.43	0.90	288	4.11	3.70	0.90	612	3.93	3.54	0.90	644	3.78	3.40	0.90	673	3.64	3.27	0.90	704	3.43	3.09	0.90	750	3.15	2.83	0.90	797	2.91	2.62	0.90	827	2.42	2.18	0.90	858
	32	20	2.56	2.30	0.90	236	2.56	2.30	0.90	259	2.56	2.30	0.90	282	2.84	2.56	0.90	297	2.84	2.56	0.90	328	4.32	3.89	0.90	645	4.13	3.72	0.90	678	3.97	3.58	0.90	709	3.82	3.44	0.90	742	3.61	3.24	0.90	790	3.31	2.98	0.90	839	3.06	2.76	0.90	871	2.54	2.29	0.90	904
	32	22	2.71	2.17	0.80	275	2.71	2.17	0.80	298	2.71	2.17	0.80	321	3.01	2.41	0.80	336	3.01	2.41	0.80	367	4.58	3.66	0.80	677	4.38	3.50	0.80	711	4.21	3.37	0.80	744	4.05	3.24	0.80	778	3.82	3.06	0.80	829	3.51	2.81	0.80	880	3.24	2.60	0.80	914	2.69	2.15	0.80	949
	32	24	2.87	1.95	0.68	315	2.87	1.95	0.68	338	2.87	1.95	0.68	361	3.19	2.17	0.68	376	3.19	2.17	0.68	407	4.85	3.30	0.68	709	4.64	3.16	0.68	746	4.47	3.04	0.68	780	4.29	2.92	0.68	816	4.05	2.75	0.68	869	3.72	2.53	0.68	923	3.44	2.34	0.68	958	2.85	1.94	0.68	994
	32	26	3.02	1.69	0.56	355	3.02	1.69	0.56	378	3.02	1.69	0.56	401	3.35	1.88	0.56	416	3.35	1.88	0.56	447	5.10	2.85	0.56	742	4.88	2.73	0.56	780	4.69	2.63	0.56	816	4.51	2.52	0.56	854	4.25	2.38	0.56	909	3.90	2.19	0.56	965	3.61	2.02	0.56	1002	3.00	1.68	0.56	1040

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
90%	21	18	2.29	1.28	0.56	183	2.29	1.28	0.56	204	2.29	1.28	0.56	226	2.54	1.42	0.56	241	2.54	1.42	0.56	270	3.86	2.17	0.56	574	3.70	2.07	0.56	604	3.55	1.99	0.56	632	3.42	1.92	0.56	661	3.22	1.81	0.56	704	2.96	1.66	0.56	747	2.74	1.54	0.56	776	2.27	1.27	0.56	805
	21	20	2.40	1.06	0.44	223	2.40	1.06	0.44	244	2.40	1.06	0.44	266	2.67	1.18	0.44	281	2.67	1.18	0.44	310	4.06	1.79	0.44	607	3.89	1.71	0.44	638	3.74	1.65	0.44	668	3.59	1.58	0.44	698	3.39	1.49	0.44	744	3.11	1.37	0.44	790	2.88	1.27	0.44	820	2.39	1.05	0.44	851
	22	18	2.29	1.37	0.60	183	2.29	1.37	0.60	204	2.29	1.37	0.60	226	2.54	1.53	0.60	241	2.54	1.53	0.60	270	3.86	2.32	0.60	574	3.70	2.22	0.60	604	3.55	2.14	0.60	632	3.42	2.05	0.60	661	3.22	1.94	0.60	704	2.96	1.78	0.60	747	2.74	1.65	0.60	776	2.27	1.37	0.60	805
	22	20	2.40	1.16	0.48	223	2.40	1.16	0.48	244	2.40	1.16	0.48	266	2.67	1.28	0.48	281	2.67	1.28	0.48	310	4.06	1.95	0.48	607	3.89	1.87	0.48	638	3.74	1.80	0.48	668	3.59	1.73	0.48	698	3.39	1.63	0.48	744	3.11	1.50	0.48	790	2.88	1.38	0.48	820	2.39	1.15	0.48	851
	22	22	2.55	0.92	0.36	262	2.55	0.92	0.36	283	2.55	0.92	0.36	305	2.83	1.02	0.36	320	2.83	1.02	0.36	349	4.30	1.55	0.36	639	4.12	1.49	0.36	672	3.96	1.43	0.36	703	3.81	1.37	0.36	735	3.59	1.30	0.36	783	3.30	1.19	0.36	831	3.05	1.10	0.36	863	2.53	0.91	0.36	896
	23	18	2.29	1.47	0.64	183	2.29	1.47	0.64	204	2.29	1.47	0.64	226	2.54	1.63	0.64	241	2.54	1.63	0.64	270	3.86	2.48	0.64	574	3.70	2.37	0.64	604	3.55	2.28	0.64	632	3.42	2.19	0.64	661	3.22	2.07	0.64	704	2.96	1.90	0.64	747	2.74	1.75	0.64	776	2.27	1.46	0.64	805
	23	20	2.40	1.25	0.52	223	2.40	1.25	0.52	244	2.40	1.25	0.52	266	2.67	1.39	0.52	281	2.67	1.39	0.52	310	4.06	2.12	0.52	607	3.89	2.02	0.52	638	3.74	1.95	0.52	668	3.59	1.87	0.52	698	3.39	1.77	0.52	744	3.11	1.62	0.52	790	2.88	1.50	0.52	820	2.39	1.24	0.52	851
	23	22	2.55	1.02	0.40	262	2.55	1.02	0.40	283	2.55	1.02	0.40	305	2.83	1.13	0.40	320	2.83	1.13	0.40	349	4.30	1.73	0.40	639	4.12	1.65	0.40	672	3.96	1.59	0.40	703	3.81	1.53	0.40	735	3.59	1.44	0.40	783	3.30	1.32	0.40	831	3.05	1.22	0.40	863	2.53	1.02	0.40	896
	24	18	2.29	1.56	0.68	183	2.29	1.56	0.68	204	2.29	1.56	0.68	226	2.54	1.73	0.68	241	2.54	1.73	0.68	270	3.86	2.63	0.68	574	3.70	2.52	0.68	604	3.55	2.42	0.68	632	3.42	2.33	0.68	661	3.22	2.20	0.68	704	2.96	2.02	0.68	747	2.74	1.86	0.68	776	2.27	1.55	0.68	805
	24	20	2.40	1.35	0.56	223	2.40	1.35	0.56	244	2.40	1.35	0.56	266	2.67	1.50	0.56	281	2.67	1.50	0.56	310	4.06	2.28	0.56	607	3.89	2.18	0.56	638	3.74	2.10	0.56	668	3.59	2.02	0.56	698	3.39	1.90	0.56	744	3.11	1.75	0.56	790	2.88	1.61	0.56	820	2.39	1.34	0.56	851
	24	22	2.55	1.12	0.44	262	2.55	1.12	0.44	283	2.55	1.12	0.44	305	2.83	1.25	0.44	320	2.83	1.25	0.44	349	4.30	1.90	0.44	639	4.12	1.82	0.44	672	3.96	1.75	0.44	703	3.81	1.68	0.44	735	3.59	1.58	0.44	783	3.30	1.45	0.44	831	3.05	1.35	0.44	863	2.53	1.12	0.44	896
	24	24	2.70	0.87	0.32	302	2.70	0.87	0.32	323	2.70	0.87	0.32	345	3.00	0.96	0.32	360	3.00	0.96	0.32	389	4.56	1.46	0.32	672	4.37	1.40	0.32	706	4.20	1.35	0.32	739	4.04	1.30	0.32	773	3.81	1.22	0.32	823	3.50	1.12	0.32	874	3.23	1.04	0.32	907	2.68	0.86	0.32	941
	25	18	2.29	1.65	0.72	183	2.29	1.65	0.72	204	2.29	1.65	0.72	226	2.54	1.83	0.72	241	2.54	1.83	0.72	270	3.86	2.79	0.72	574	3.70	2.67	0.72	604	3.55	2.56	0.72	632	3.42	2.46	0.72	661	3.22	2.32	0.72	704	2.96	2.13	0.72	747	2.74	1.97	0.72	776	2.27	1.64	0.72	805
	25	20	2.40	1.44	0.60	223	2.40	1.44	0.60	244	2.40	1.44	0.60	266	2.67	1.60	0.60	281	2.67	1.60	0.60	310	4.06	2.44	0.60	607	3.89	2.33	0.60	638	3.74	2.25	0.60	668	3.59	2.16	0.60	698	3.39	2.04	0.60	744	3.11	1.87	0.60	790	2.88	1.73	0.60	820	2.39	1.44	0.60	851
	25	22	2.55	1.22	0.48	262	2.55	1.22	0.48	283	2.55	1.22	0.48	305	2.83	1.36	0.48	320	2.83	1.36	0.48	349	4.30	2.07	0.48	639	4.12	1.98	0.48	672	3.96	1.90	0.48	703	3.81	1.83	0.48	735	3.59	1.73	0.48	783	3.30	1.59	0.48	831	3.05	1.47	0.48	863	2.53	1.22	0.48	896
	25	24	2.70	0.97	0.36	302	2.70	0.97	0.36	323	2.70	0.97	0.36	345	3.00	1.08	0.36	360	3.00	1.08	0.36	389	4.56	1.65	0.36	672	4.37	1.58	0.36	706	4.20	1.52	0.36	739	4.04	1.46	0.36	773	3.81	1.37	0.36	823	3.50	1.26	0.36	874	3.23	1.17	0.36	907	2.68	0.97	0.36	941
	26	18	2.29	1.74	0.76	183	2.29	1.74	0.76	204	2.29	1.74	0.76	226	2.54	1.93	0.76	241	2.54	1.93	0.76	270	3.86	2.94	0.76	574	3.70	2.81	0.76	604	3.55	2.70	0.76	632	3.42	2.60	0.76	661	3.22	2.45	0.76	704	2.96	2.25	0.76	747	2.74	2.08	0.76	776	2.27	1.73	0.76	805
	26	20	2.40	1.54	0.64	223	2.40	1.54	0.64	244	2.40	1.54	0.64	266	2.67	1.71	0.64	281	2.67	1.71	0.64	310	4.06	2.60	0.64	607	3.89	2.49	0.64	638	3.74	2.39	0.64	668	3.59	2.30	0.64	698	3.39	2.17	0.64	744	3.11	1.99	0.64	790	2.88	1.84	0.64	820	2.39	1.53	0.64	851
	26	22	2.55	1.33	0.52	262	2.55	1.33	0.52	283	2.55	1.33	0.52	305	2.83	1.47	0.52	320	2.83	1.47	0.52	349	4.30	2.24	0.52	639	4.12	2.15	0.52	672	3.96	2.06	0.52	703	3.81	1.98	0.52	735	3.59	1.87	0.52	783	3.30	1.72	0.52	831	3.05	1.59	0.52	863	2.53	1.32	0.52	896
	26	24	2.70	1.08	0.40	302	2.70	1.08	0.40	323	2.70	1.08	0.40	345	3.00	1.20	0.40	360	3.00	1.20	0.40	389	4.56	1.83	0.40	672	4.37	1.75	0.40	706	4.20	1.68	0.40	739	4.04	1.62	0.40	773	3.81	1.53	0.40	823	3.50	1.40	0.40	874	3.23	1.30	0.40	907	2.68	1.08	0.40	941
	26	26	2.83	0.80	0.28	342	2.83	0.80	0.28	363	2.83	0.80	0.28	385	3.15	0.88	0.28	400	3.15	0.88	0.28	429	4.79	1.35	0.28	704	4.58	1.29	0.28	740	4.41	1.24	0.28	775	4.24	1.19	0.28	810	4.00	1.12	0.28	863	3.67	1.03	0.28	916	3.39	0.95	0.28	951	2.82	0.79	0.28	987
	27	18	2.29	1.83	0.80	183	2.29	1.83	0.80	204	2.29	1.83	0.80	226	2.54	2.03	0.80	241	2.54	2.03	0.80	270	3.86	3.09	0.80	574	3.70	2.96	0.80	604	3.55	2.85	0.80	632	3.42	2.74	0.80	661	3.22	2.58	0.80	704	2.96	2.37	0.80	747	2.74	2.19	0.80	776	2.27	1.82	0.80	805
	27	19	2.33	1.73	0.74	203	2.33	1.73	0.74	224	2.33	1.73	0.74	246	2.59	1.92	0.74	261	2.59	1.92	0.74	290	3.94	2.92	0.74	591	3.77	2.80	0.74	621	3.63	2.69	0.74	650	3.49	2.58	0.74	680	3.29	2.44	0.74	724	3.02	2.24	0.74	769	2.79	2.07	0.74	798	2.32	1.72	0.74	828
	27	20	2.40	1.64	0.68	223	2.40	1.64	0.68	244	2.40	1.64	0.68	266	2.67	1.82	0.68	281	2.67	1.82	0.68	310	4.06	2.76	0.68	607	3.89	2.65	0.68	638	3.74	2.54	0.68	668	3.59	2.45	0.68	698	3.39	2.31	0.68	744	3.11	2.12	0.68	790	2.88	1.96	0.68	820	2.39	1.63	0.68	851
	27	22	2.55	1.43	0.56	262	2.55	1.43	0.56	283	2.55	1.43	0.56	305	2.83	1.59	0.56	320	2.83	1.59	0.56	349	4.30	2.41	0.56	639	4.12	2.31	0.56	672	3.96	2.22	0.56	703	3.81	2.14	0.56	735	3.59	2.02	0.56	783	3.30	1.85	0.56	831	3.05	1.71	0.56	863	2.53	1.42	0.56	896
	27	24	2.70	1.19	0.44	302	2.70	1.19	0.44	323	2.70	1.19	0.44	345	3.00	1.32	0.44	360	3.00	1.32	0.44	389	4.56	2.01	0.44	672	4.37	1.93	0.44	706	4.20	1.85	0.44	739	4.04	1.78	0.44	773	3.81	1.68	0.44	823	3.50	1.54	0.44	874	3.23	1.43	0.44	907	2.68	1.18	0.44	941
	27	26	2.83	0.91	0.32	342	2.83	0.91	0.32	363	2.83	0.91	0.32	385	3.15	1.01	0.32	400	3.15	1.01	0.32	429	4.79	1.54	0.32	704	4.58	1.47	0.32	740	4.41	1.41	0.32	775	4.24	1.36	0.32	810	4.00	1.28	0.32	863	3.67	1.18	0.32	916	3.39	1.09	0.32	951	2.82	0.90	0.32	987
	28	18	2.29	1.92	0.84	183	2.29	1.92	0.84	204	2.29	1.92	0.84	226	2.54	2.14	0.84	241	2.54	2.14	0.84	270	3.86	3.25	0.84	574	3.70	3.11	0.84	604	3.55	2.99	0.84	632	3.42	2.87	0.84	661	3.22	2.71	0.84	704	2.96	2.49	0.84	747	2.74	2.30	0.84	776	2.27	1.91	0.84	805
	28	20	2.40	1.73	0.72	223	2.40	1.73	0.72	244	2.40	1.73	0.72	266	2.67	1.92	0.72	281	2.67	1.92	0.72	310	4.06	2.93	0.72	607	3.89	2.80	0.72	638	3.74	2.69	0.72	668	3.59	2.59	0.72	698	3.39	2.44	0.72	744	3.11	2.24	0.72	790	2.88	2.07	0.72	820	2.39	1.72	0.72	851
	28	22	2.55	1.53	0.60	262	2.55	1.53	0.60	283	2.55	1.53	0.60	305	2.83	1.70	0.60	320	2.83	1.70	0.60	349	4.30	2.59	0.60	639	4.12	2.48	0.60	672	3.96	2.38	0.60	703	3.81	2.29	0.60	735	3.59	2.16	0.60	783	3.30	1.98	0.60	831	3.05	1.83	0.60	863	2.53	1.52	0.60	896
	28	24	2.70	1.30	0.48	302	2.70	1.30	0.48	323	2.70	1.30	0.48	345	3.00	1.44	0.48	360	3.00	1.44	0.48	389	4.56	2.19	0.48	672	4.37	2.10	0.48	706	4.20	2.02	0.48	739	4.04	1.94	0.48	773	3.81	1.83	0.48	823	3.50	1.68	0.48	874	3.23	1.56	0.48	907	2.68	1.29	0.48	941
	28	26	2.83	1.02	0.36	342	2.83	1.02	0.36	363	2.83	1.02	0.36	385	3.15	1.14	0.36	400	3.15	1.14	0.36	429	4.79	1.73	0.36	704	4.58	1.65	0.36	740	4.41	1.59	0.36	775	4.24	1.53	0.36	810	4.00	1.44	0.36	863	3.67	1.32	0.36	916	3.39	1.23	0.36	951	2.82	1.02	0.36	987
	29	18	2.29	1.97	0.86	183	2.29	1.97	0.86	204	2.29	1.97	0.86	226	2.54	2.19	0.86	241	2.54	2.19	0.86	270	3.86	3.33	0.86	574	3.70	3.18	0.86	604	3.55	3.06	0.86	632	3.42	2.94	0.86	661	3.22	2.78	0.86	704	2.96	2.55	0.86	747	2.74	2.36	0.86	776	2.27	1.96	0.86	805
	29	20	2.40	1.83	0.76	223	2.40	1.83	0.76	244	2.40	1.83	0.76	266	2.67	2.03	0.76	281	2.67	2.03	0.76	310	4.06	3.09	0.76	607	3.89	2.96	0.76	638	3.74	2.84	0.76	668	3.59	2.73	0.76	698	3.39	2.58	0.76	744	3.11	2.37	0.76	790	2.88	2.19	0.76	820	2.39	1.82	0.76	851
	29	22	2.55	1.63	0.64	262	2.55	1.63	0.64	283	2.55	1.63	0.64	305	2.83	1.81	0.64	320	2.83	1.81	0.64	349	4.30	2.76	0.64	639	4.12	2.64	0.64	672	3.96	2.54	0.64	703	3.81	2.44	0.64	735	3.59	2.30	0.64	783	3.30	2.11	0.64	831	3.05	1.96	0.64	863	2.53	1.62	0.64	896
	29	24	2.70	1.41	0.52	302	2.70	1.41	0.52	323	2.70	1.41	0.52	345	3.00	1.56	0.52	360	3.00	1.56	0.52	389	4.56	2.38	0.52	672	4.37	2.27	0.52	706	4.20	2.19	0.52	739	4.04	2.10	0.52	773	3.81	1.98	0.52	823	3.50	1.82	0.52	874	3.23	1.68	0.52	907	2.68	1.40	0.52	941
	29	26	2.83	1.14	0.40	342	2.83	1.14	0.40	363	2.83	1.14	0.40	385	3.15	1.26	0.40	400	3.15	1.26	0.40	429	4.79	1.92	0.40	704	4.58	1.84	0.40	740	4.41	1.77	0.40	775	4.24	1.70	0.40	810	4.00	1.60	0.40	863	3.67	1.47	0.40	916	3.39	1.36	0.40	951	2.82	1.13	0.40	987
	30	18	2.29	1.97	0.86	183	2.29	1.97	0.86	204	2.29	1.97	0.86	226	2.54	2.19	0.86	241	2.54	2.19	0.86	270	3.86	3.33	0.86	574	3.70	3.18	0.86	604	3.55	3.06	0.86	632	3.42	2.94	0.86	661	3.22	2.78	0.86	704	2.96	2.55	0.86	747	2.74	2.36	0.86	776	2.27	1.96	0.86	805
	30	20	2.40	1.92	0.80	223	2.40	1.92	0.80	244	2.40	1.92	0.80	266	2.67	2.14	0.80	281	2.67	2.14	0.80	310	4.06	3.25	0.80	607	3.89	3.11	0.80	638	3.74	2.99	0.80	668	3.59	2.88	0.80	698	3.39	2.71	0.80	744	3.11	2.49	0.80	790	2.88	2.30	0.80	820	2.39	1.91	0.80	851
	30	22	2.55	1.73	0.68	262	2.55	1.73	0.68	283	2.55	1.73	0.68	305	2.83	1.93	0.68	320	2.83	1.93	0.68	349	4.30	2.93	0.68	639	4.12	2.80	0.68	672	3.96	2.70	0.68	703	3.81	2.59	0.68	735	3.59	2.45	0.68	783	3.30	2.25	0.68	831	3.05	2.08	0.68	863	2.53	1.72	0.68	896
	30	24	2.70	1.51	0.56	302	2.70	1.51	0.56	323	2.70	1.51	0.56	345	3.00	1.68	0.56	360	3.00	1.68	0.56	389	4.56	2.56	0.56	672	4.37	2.45	0.56	706	4.20	2.35	0.56	739	4.04	2.26	0.56	773	3.81	2.14	0.56	823	3.50	1.96	0.56	874	3.23	1.81	0.56	907	2.68	1.51	0.56	941
	30	26	2.83	1.25	0.44	342	2.83	1.25	0.44	363	2.83	1.25	0.44	385	3.15	1.39	0.44	400	3.15	1.39	0.44	429	4.79	2.11	0.44	704	4.58	2.02	0.44	740	4.41	1.94	0.44	775	4.24	1.87	0.44	810	4.00	1.76	0.44	863	3.67	1.62	0.44	916	3.39	1.50	0.44	951	2.82	1.24	0.44	987
	31	18	2.29	1.97	0.86	183	2.29	1.97	0.86	204	2.29	1.97	0.86	226	2.54	2.19	0.86	241	2.54	2.19	0.86	270	3.86	3.33	0.86	574	3.70	3.18	0.86	604	3.55	3.06	0.86	632	3.42	2.94	0.86	661	3.22	2.78	0.86	704	2.96	2.55	0.86	747	2.74	2.36	0.86	776	2.27	1.96	0.86	805
	31	20	2.40	2.02	0.84	223	2.40	2.02	0.84	244	2.40	2.02	0.84	266	2.67	2.24	0.84	281	2.67	2.24	0.84	310	4.06	3.41	0.84	607	3.89	3.27	0.84	638	3.74	3.14	0.84	668	3.59	3.02	0.84	698	3.39	2.85	0.84	744	3.11	2.62	0.84	790	2.88	2.42	0.84	820	2.39	2.01	0.84	851
	31	22	2.55	1.84	0.72	262	2.55	1.84	0.72	283	2.55	1.84	0.72	305	2.83	2.04	0.72	320	2.83	2.04	0.72	349	4.30	3.10	0.72	639	4.12	2.97	0.72	672	3.96	2.86	0.72	703	3.81	2.75	0.72	735	3.59	2.59	0.72	783	3.30	2.38	0.72	831	3.05	2.20	0.72	863	2.53	1.83	0.72	896
	31	24	2.70	1.62	0.60	302	2.70	1.62	0.60	323	2.70	1.62	0.60	345	3.00	1.80	0.60	360	3.00	1.80	0.60	389	4.56	2.74	0.60	672	4.37	2.62	0.60	706	4.20	2.52	0.60	739	4.04	2.43	0.60	773	3.81	2.29	0.60	823	3.50	2.10	0.60	874	3.23	1.94	0.60	907	2.68	1.61	0.60	941
	31	26	2.83	1.36	0.48	342	2.83	1.36	0.48	363	2.83	1.36	0.48	385	3.15	1.51	0.48	400	3.15	1.51	0.48	429	4.79	2.30	0.48	704	4.58	2.20	0.48	740	4.41	2.12	0.48	775	4.24	2.04	0.48	810	4.00	1.92	0.48	863	3.67	1.77	0.48	916	3.39	1.63	0.48	951	2.82	1.36	0.48	987
	32	18	2.29	1.97	0.86	183	2.29	1.97	0.86	204	2.29	1.97	0.86	226	2.54	2.19	0.86	241	2.54	2.19	0.86	270	3.86	3.33	0.86	574	3.70	3.18	0.86	604	3.55	3.06	0.86	632	3.42	2.94	0.86	661	3.22	2.78	0.86	704	2.96	2.55	0.86	747	2.74	2.36	0.86	776	2.27	1.96	0.86	805
	32	20	2.40	2.07	0.86	223	2.40	2.07	0.86	244	2.40	2.07	0.86	266	2.67	2.30	0.86	281	2.67	2.30	0.86	310	4.06	3.50	0.86	607	3.89	3.35	0.86	638	3.74	3.22	0.86	668	3.59	3.09	0.86	698	3.39	2.92	0.86	744	3.11	2.68	0.86	790	2.88	2.48	0.86	820	2.39	2.06	0.86	851
	32	22	2.55	1.94	0.76	262	2.55	1.94	0.76	283	2.55	1.94	0.76	305	2.83	2.15	0.76	320	2.83	2.15	0.76	349	4.30	3.28	0.76	639	4.12	3.13	0.76	672	3.96	3.01	0.76	703	3.81	2.90	0.76	735	3.59	2.73	0.76	783	3.30	2.51	0.76	831	3.05	2.32	0.76	863	2.53	1.93	0.76	896
	32	24	2.70	1.73	0.64	302	2.70	1.73	0.64	323	2.70	1.73	0.64	345	3.00	1.92	0.64	360	3.00	1.92	0.64	389	4.56	2.92	0.64	672	4.37	2.80	0.64	706	4.20	2.69	0.64	739	4.04	2.59	0.64	773	3.81	2.44	0.64	823	3.50	2.24	0.64	874	3.23	2.07	0.64	907	2.68	1.72	0.64	941
	32	26	2.83	1.48	0.52	342	2.83	1.48	0.52	363	2.83	1.48	0.52	385	3.15	1.64	0.52	400	3.15	1.64	0.52	429	4.79	2.50	0.52	704	4.58	2.39	0.52	740	4.41	2.30	0.52	775	4.24	2.21	0.52	810	4.00	2.08	0.52	863	3.67	1.91	0.52	916	3.39	1.77	0.52	951	2.82	1.47	0.52	987

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

			Cooling Operation PERFORMANCE DATA																																											
			OUTDOOR DB (°C)																																											
COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
	21	18	2.19	1.18	0.54	162	2.19	1.18	0.54	182	2.19	1.18	0.54	201	2.44	1.31	0.54	215	2.44	1.31	0.54	241	3.71	2.00	0.54	515	3.55	1.91	0.54	542	3.41	1.84	0.54	567	3.28	1.77	0.54	593	3.10	1.67	0.54	631	2.84	1.53	0.54	671	2.63	1.42	0.54	696	2.18	1.18	0.54	722
	21	20	2.31	0.97	0.42	202	2.31	0.97	0.42	222	2.31	0.97	0.42	241	2.56	1.07	0.42	255	2.56	1.07	0.42	281	3.90	1.63	0.42	548	3.73	1.56	0.42	576	3.59	1.50	0.42	603	3.45	1.44	0.42	630	3.25	1.36	0.42	671	2.99	1.25	0.42	713	2.76	1.16	0.42	740	2.29	0.96	0.42	768
	22	18	2.19	1.27	0.58	162	2.19	1.27	0.58	182	2.19	1.27	0.58	201	2.44	1.41	0.58	215	2.44	1.41	0.58	241	3.71	2.15	0.58	515	3.55	2.05	0.58	542	3.41	1.97	0.58	567	3.28	1.90	0.58	593	3.10	1.79	0.58	631	2.84	1.64	0.58	671	2.63	1.52	0.58	696	2.18	1.26	0.58	722
	22	20	2.31	1.06	0.46	202	2.31	1.06	0.46	222	2.31	1.06	0.46	241	2.56	1.18	0.46	255	2.56	1.18	0.46	281	3.90	1.79	0.46	548	3.73	1.71	0.46	576	3.59	1.65	0.46	603	3.45	1.58	0.46	630	3.25	1.49	0.46	671	2.99	1.37	0.46	713	2.76	1.27	0.46	740	2.29	1.05	0.46	768
	22	22	2.44	0.83	0.34	241	2.44	0.83	0.34	261	2.44	0.83	0.34	280	2.72	0.92	0.34	294	2.72	0.92	0.34	320	4.13	1.40	0.34	580	3.95	1.34	0.34	610	3.80	1.29	0.34	638	3.66	1.24	0.34	667	3.45	1.17	0.34	710	3.17	1.07	0.34	754	2.93	0.99	0.34	783	2.43	0.82	0.34	813
	23	18	2.19	1.36	0.62	162	2.19	1.36	0.62	182	2.19	1.36	0.62	201	2.44	1.51	0.62	215	2.44	1.51	0.62	241	3.71	2.29	0.62	515	3.55	2.20	0.62	542	3.41	2.11	0.62	567	3.28	2.03	0.62	593	3.10	1.92	0.62	631	2.84	1.76	0.62	671	2.63	1.63	0.62	696	2.18	1.35	0.62	722
	23	20	2.31	1.15	0.50	202	2.31	1.15	0.50	222	2.31	1.15	0.50	241	2.56	1.28	0.50	255	2.56	1.28	0.50	281	3.90	1.94	0.50	548	3.73	1.86	0.50	576	3.59	1.79	0.50	603	3.45	1.72	0.50	630	3.25	1.62	0.50	671	2.99	1.49	0.50	713	2.76	1.38	0.50	740	2.29	1.14	0.50	768
	23	22	2.44	0.93	0.38	241	2.44	0.93	0.38	261	2.44	0.93	0.38	280	2.72	1.03	0.38	294	2.72	1.03	0.38	320	4.13	1.56	0.38	580	3.95	1.50	0.38	610	3.80	1.44	0.38	638	3.66	1.38	0.38	667	3.45	1.31	0.38	710	3.17	1.20	0.38	754	2.93	1.11	0.38	783	2.43	0.92	0.38	813
	24	18	2.19	1.45	0.66	162	2.19	1.45	0.66	182	2.19	1.45	0.66	201	2.44	1.61	0.66	215	2.44	1.61	0.66	241	3.71	2.44	0.66	515	3.55	2.34	0.66	542	3.41	2.25	0.66	567	3.28	2.16	0.66	593	3.10	2.04	0.66	631	2.84	1.87	0.66	671	2.63	1.73	0.66	696	2.18	1.44	0.66	722
	24	20	2.31	1.24	0.54	202	2.31	1.24	0.54	222	2.31	1.24	0.54	241	2.56	1.38	0.54	255	2.56	1.38	0.54	281	3.90	2.10	0.54	548	3.73	2.01	0.54	576	3.59	1.93	0.54	603	3.45	1.86	0.54	630	3.25	1.75	0.54	671	2.99	1.61	0.54	713	2.76	1.49	0.54	740	2.29	1.24	0.54	768
	24	22	2.44	1.02	0.42	241	2.44	1.02	0.42	261	2.44	1.02	0.42	280	2.72	1.14	0.42	294	2.72	1.14	0.42	320	4.13	1.73	0.42	580	3.95	1.66	0.42	610	3.80	1.59	0.42	638	3.66	1.53	0.42	667	3.45	1.44	0.42	710	3.17	1.33	0.42	754	2.93	1.23	0.42	783	2.43	1.02	0.42	813
	24	24	2.59	0.77	0.30	281	2.59	0.77	0.30	301	2.59	0.77	0.30	320	2.88	0.86	0.30	334	2.88	0.86	0.30	360	4.38	1.31	0.30	612	4.19	1.25	0.30	644	4.03	1.20	0.30	674	3.87	1.16	0.30	705	3.66	1.09	0.30	750	3.36	1.00	0.30	797	3.10	0.93	0.30	827	2.58	0.77	0.30	859
	25	18	2.19	1.53	0.70	162	2.19	1.53	0.70	182	2.19	1.53	0.70	201	2.44	1.70	0.70	215	2.44	1.70	0.70	241	3.71	2.59	0.70	515	3.55	2.48	0.70	542	3.41	2.38	0.70	567	3.28	2.29	0.70	593	3.10	2.16	0.70	631	2.84	1.99	0.70	671	2.63	1.84	0.70	696	2.18	1.52	0.70	722
	25	20	2.31	1.33	0.58	202	2.31	1.33	0.58	222	2.31	1.33	0.58	241	2.56	1.48	0.58	255	2.56	1.48	0.58	281	3.90	2.26	0.58	548	3.73	2.16	0.58	576	3.59	2.08	0.58	603	3.45	2.00	0.58	630	3.25	1.88	0.58	671	2.99	1.73	0.58	713	2.76	1.60	0.58	740	2.29	1.33	0.58	768
	25	22	2.44	1.12	0.46	241	2.44	1.12	0.46	261	2.44	1.12	0.46	280	2.72	1.25	0.46	294	2.72	1.25	0.46	320	4.13	1.90	0.46	580	3.95	1.81	0.46	610	3.80	1.74	0.46	638	3.66	1.68	0.46	667	3.45	1.58	0.46	710	3.17	1.45	0.46	754	2.93	1.34	0.46	783	2.43	1.11	0.46	813
	25	24	2.59	0.88	0.34	281	2.59	0.88	0.34	301	2.59	0.88	0.34	320	2.88	0.98	0.34	334	2.88	0.98	0.34	360	4.38	1.48	0.34	612	4.19	1.42	0.34	644	4.03	1.37	0.34	674	3.87	1.31	0.34	705	3.66	1.24	0.34	750	3.36	1.14	0.34	797	3.10	1.05	0.34	827	2.58	0.87	0.34	859
	26	18	2.19	1.62	0.74	162	2.19	1.62	0.74	182	2.19	1.62	0.74	201	2.44	1.80	0.74	215	2.44	1.80	0.74	241	3.71	2.74	0.74	515	3.55	2.62	0.74	542	3.41	2.52	0.74	567	3.28	2.42	0.74	593	3.10	2.29	0.74	631	2.84	2.10	0.74	671	2.63	1.94	0.74	696	2.18	1.61	0.74	722
	26	20	2.31	1.43	0.62	202	2.31	1.43	0.62	222	2.31	1.43	0.62	241	2.56	1.59	0.62	255	2.56	1.59	0.62	281	3.90	2.41	0.62	548	3.73	2.31	0.62	576	3.59	2.22	0.62	603	3.45	2.13	0.62	630	3.25	2.01	0.62	671	2.99	1.85	0.62	713	2.76	1.71	0.62	740	2.29	1.42	0.62	768
	26	22	2.44	1.22	0.50	241	2.44	1.22	0.50	261	2.44	1.22	0.50	280	2.72	1.35	0.50	294	2.72	1.35	0.50	320	4.13	2.06	0.50	580	3.95	1.97	0.50	610	3.80	1.90	0.50	638	3.66	1.82	0.50	667	3.45	1.72	0.50	710	3.17	1.58	0.50	754	2.93	1.46	0.50	783	2.43	1.21	0.50	813
	26	24	2.59	0.98	0.38	281	2.59	0.98	0.38	301	2.59	0.98	0.38	320	2.88	1.09	0.38	334	2.88	1.09	0.38	360	4.38	1.66	0.38	612	4.19	1.59	0.38	644	4.03	1.53	0.38	674	3.87	1.47	0.38	705	3.66	1.38	0.38	750	3.36	1.27	0.38	797	3.10	1.18	0.38	827	2.58	0.98	0.38	859
	26	26	2.72	0.70	0.26	321	2.72	0.70	0.26	341	2.72	0.70	0.26	360	3.02	0.78	0.26	374	3.02	0.78	0.26	400	4.60	1.19	0.26	645	4.40	1.14	0.26	678	4.23	1.09	0.26	710	4.07	1.05	0.26	742	3.84	0.99	0.26	790	3.52	0.91	0.26	839	3.26	0.84	0.26	871	2.71	0.70	0.26	904
	27	18	2.19	1.71	0.78	162	2.19	1.71	0.78	182	2.19	1.71	0.78	201	2.44	1.90	0.78	215	2.44	1.90	0.78	241	3.71	2.89	0.78	515	3.55	2.76	0.78	542	3.41	2.66	0.78	567	3.28	2.56	0.78	593	3.10	2.41	0.78	631	2.84	2.21	0.78	671	2.63	2.05	0.78	696	2.18	1.70	0.78	722
	27	19	2.24	1.61	0.72	182	2.24	1.61	0.72	202	2.24	1.61	0.72	221	2.49	1.79	0.72	235	2.49	1.79	0.72	261	3.78	2.72	0.72	532	3.62	2.60	0.72	559	3.48	2.50	0.72	585	3.35	2.41	0.72	612	3.16	2.27	0.72	651	2.90	2.08	0.72	692	2.68	1.93	0.72	718	2.23	1.60	0.72	745
	27	20	2.31	1.52	0.66	202	2.31	1.52	0.66	222	2.31	1.52	0.66	241	2.56	1.69	0.66	255	2.56	1.69	0.66	281	3.90	2.57	0.66	548	3.73	2.46	0.66	576	3.59	2.36	0.66	603	3.45	2.27	0.66	630	3.25	2.14	0.66	671	2.99	1.97	0.66	713	2.76	1.82	0.66	740	2.29	1.51	0.66	768
	27	22	2.44	1.32	0.54	241	2.44	1.32	0.54	261	2.44	1.32	0.54	280	2.72	1.46	0.54	294	2.72	1.46	0.54	320	4.13	2.23	0.54	580	3.95	2.13	0.54	610	3.80	2.05	0.54	638	3.66	1.97	0.54	667	3.45	1.86	0.54	710	3.17	1.71	0.54	754	2.93	1.58	0.54	783	2.43	1.31	0.54	813
	27	24	2.59	1.09	0.42	281	2.59	1.09	0.42	301	2.59	1.09	0.42	320	2.88	1.21	0.42	334	2.88	1.21	0.42	360	4.38	1.83	0.42	612	4.19	1.75	0.42	644	4.03	1.69	0.42	674	3.87	1.62	0.42	705	3.66	1.53	0.42	750	3.36	1.41	0.42	797	3.10	1.30	0.42	827	2.58	1.08	0.42	859
80%	27	26	2.72	0.81	0.30	321	2.72	0.81	0.30	341	2.72	0.81	0.30	360	3.02	0.90	0.30	374	3.02	0.90	0.30	400	4.60	1.37	0.30	645	4.40	1.31	0.30	678	4.23	1.26	0.30	710	4.07	1.22	0.30	742	3.84	1.15	0.30	790	3.52	1.05	0.30	839	3.26	0.97	0.30	871	2.71	0.81	0.30	904
	28	18	2.19	1.80	0.82	162	2.19	1.80	0.82	182	2.19	1.80	0.82	201	2.44	2.00	0.82	215	2.44	2.00	0.82	241	3.71	3.04	0.82	515	3.55	2.91	0.82	542	3.41	2.79	0.82	567	3.28	2.69	0.82	593	3.10	2.53	0.82	631	2.84	2.33	0.82	671	2.63	2.15	0.82	696	2.18	1.79	0.82	722
	28	20	2.31	1.61	0.70	202	2.31	1.61	0.70	222	2.31	1.61	0.70	241	2.56	1.79	0.70	255	2.56	1.79	0.70	281	3.90	2.72	0.70	548	3.73	2.61	0.70	576	3.59	2.51	0.70	603	3.45	2.41	0.70	630	3.25	2.27	0.70	671	2.99	2.09	0.70	713	2.76	1.93	0.70	740	2.29	1.60	0.70	768
	28	22	2.44	1.42	0.58	241	2.44	1.42	0.58	261	2.44	1.42	0.58	280	2.72	1.57	0.58	294	2.72	1.57	0.58	320	4.13	2.39	0.58	580	3.95	2.29	0.58	610	3.80	2.20	0.58	638	3.66	2.12	0.58	667	3.45	2.00	0.58	710	3.17	1.83	0.58	754	2.93	1.69	0.58	783	2.43	1.41	0.58	813
	28	24	2.59	1.19	0.46	281	2.59	1.19	0.46	301	2.59	1.19	0.46	320	2.88	1.32	0.46	334	2.88	1.32	0.46	360	4.38	2.01	0.46	612	4.19	1.92	0.46	644	4.03	1.85	0.46	674	3.87	1.78	0.46	705	3.66	1.68	0.46	750	3.36	1.54	0.46	797	3.10	1.42	0.46	827	2.58	1.18	0.46	859
	28	26	2.72	0.92	0.34	321	2.72	0.92	0.34	341	2.72	0.92	0.34	360	3.02	1.02	0.34	374	3.02	1.02	0.34	400	4.60	1.56	0.34	645	4.40	1.49	0.34	678	4.23	1.43	0.34	710	4.07	1.38	0.34	742	3.84	1.30	0.34	790	3.52	1.19	0.34	839	3.26	1.10	0.34	871	2.71	0.92	0.34	904
	29	18	2.19	1.84	0.84	162	2.19	1.84	0.84	182	2.19	1.84	0.84	201	2.44	2.04	0.84	215	2.44	2.04	0.84	241	3.71	3.11	0.84	515	3.55	2.98	0.84	542	3.41	2.86	0.84	567	3.28	2.75	0.84	593	3.10	2.60	0.84	631	2.84	2.38	0.84	671	2.63	2.20	0.84	696	2.18	1.83	0.84	722
	29	20	2.31	1.70	0.74	202	2.31	1.70	0.74	222	2.31	1.70	0.74	241	2.56	1.89	0.74	255	2.56	1.89	0.74	281	3.90	2.88	0.74	548	3.73	2.76	0.74	576	3.59	2.65	0.74	603	3.45	2.55	0.74	630	3.25	2.40	0.74	671	2.99	2.21	0.74	713	2.76	2.04	0.74	740	2.29	1.69	0.74	768
	29	22	2.44	1.51	0.62	241	2.44	1.51	0.62	261	2.44	1.51	0.62	280	2.72	1.68	0.62	294	2.72	1.68	0.62	320	4.13	2.56	0.62	580	3.95	2.45	0.62	610	3.80	2.35	0.62	638	3.66	2.26	0.62	667	3.45	2.13	0.62	710	3.17	1.96	0.62	754	2.93	1.81	0.62	783	2.43	1.50	0.62	813
	29	24	2.59	1.29	0.50	281	2.59	1.29	0.50	301	2.59	1.29	0.50	320	2.88	1.44	0.50	334	2.88	1.44	0.50	360	4.38	2.18	0.50	612	4.19	2.09	0.50	644	4.03	2.01	0.50	674	3.87	1.93	0.50	705	3.66	1.82	0.50	750	3.36	1.67	0.50	797	3.10	1.55	0.50	827	2.58	1.28	0.50	859
	29	26	2.72	1.03	0.38	321	2.72	1.03	0.38	341	2.72	1.03	0.38	360	3.02	1.14	0.38	374	3.02	1.14	0.38	400	4.60	1.74	0.38	645	4.40	1.67	0.38	678	4.23	1.60	0.38	710	4.07	1.54	0.38	742	3.84	1.45	0.38	790	3.52	1.33	0.38	839	3.26	1.23	0.38	871	2.71	1.02	0.38	904
	30	18	2.19	1.84	0.84	162	2.19	1.84	0.84	182	2.19	1.84	0.84	201	2.44	2.04	0.84	215	2.44	2.04	0.84	241	3.71	3.11	0.84	515	3.55	2.98	0.84	542	3.41	2.86	0.84	567	3.28	2.75	0.84	593	3.10	2.60	0.84	631	2.84	2.38	0.84	671	2.63	2.20	0.84	696	2.18	1.83	0.84	722
	30	20	2.31	1.80	0.78	202	2.31	1.80	0.78	222	2.31	1.80	0.78	241	2.56	2.00	0.78	255	2.56	2.00	0.78	281	3.90	3.04	0.78	548	3.73	2.90	0.78	576	3.59	2.79	0.78	603	3.45	2.69	0.78	630	3.25	2.53	0.78	671	2.99	2.33	0.78	713	2.76	2.15	0.78	740	2.29	1.79	0.78	768
	30	22	2.44	1.61	0.66	241	2.44	1.61	0.66	261	2.44	1.61	0.66	280	2.72	1.79	0.66	294	2.72	1.79	0.66	320	4.13	2.72	0.66	580	3.95	2.60	0.66	610	3.80	2.50	0.66	638	3.66	2.41	0.66	667	3.45	2.27	0.66	710	3.17	2.09	0.66	754	2.93	1.93	0.66	783	2.43	1.60	0.66	813
	30	24	2.59	1.40	0.54	281	2.59	1.40	0.54	301	2.59	1.40	0.54	320	2.88	1.55	0.54	334	2.88	1.55	0.54	360	4.38	2.36	0.54	612	4.19	2.26	0.54	644	4.03	2.17	0.54	674	3.87	2.09	0.54	705	3.66	1.97	0.54	750	3.36	1.81	0.54	797	3.10	1.67	0.54	827	2.58	1.39	0.54	859
	30	26	2.72	1.14	0.42	321	2.72	1.14	0.42	341	2.72	1.14	0.42	360	3.02	1.27	0.42	374	3.02	1.27	0.42	400	4.60	1.93	0.42	645	4.40	1.84	0.42	678	4.23	1.77	0.42	710	4.07	1.70	0.42	742	3.84	1.61	0.42	790	3.52	1.48	0.42	839	3.26	1.36	0.42	871	2.71	1.13	0.42	904
	31	18	2.19	1.84	0.84	162	2.19	1.84	0.84	182	2.19	1.84	0.84	201	2.44	2.04	0.84	215	2.44	2.04	0.84	241	3.71	3.11	0.84	515	3.55	2.98	0.84	542	3.41	2.86	0.84	567	3.28	2.75	0.84	593	3.10	2.60	0.84	631	2.84	2.38	0.84	671	2.63	2.20	0.84	696	2.18	1.83	0.84	722
	31	20	2.31	1.89	0.82	202	2.31	1.89	0.82	222	2.31	1.89	0.82	241	2.56	2.10	0.82	255	2.56	2.10	0.82	281	3.90	3.19	0.82	548	3.73	3.05	0.82	576	3.59	2.94	0.82	603	3.45	2.82	0.82	630	3.25	2.66	0.82	671	2.99	2.45	0.82	713	2.76	2.26	0.82	740	2.29	1.88	0.82	768
	31	22	2.44	1.71	0.70	241	2.44	1.71	0.70	261	2.44	1.71	0.70	280	2.72	1.90	0.70	294	2.72	1.90	0.70	320	4.13	2.89	0.70	580	3.95	2.76	0.70	610	3.80	2.66	0.70	638	3.66	2.55	0.70	667	3.45	2.41	0.70	710	3.17	2.21	0.70	754	2.93	2.05	0.70	783	2.43	1.70	0.70	813
	31	24	2.59	1.50	0.58	281	2.59	1.50	0.58	301	2.59	1.50	0.58	320	2.88	1.67	0.58	334	2.88	1.67	0.58	360	4.38	2.53	0.58	612	4.19	2.43	0.58	644	4.03	2.33	0.58	674	3.87	2.24	0.58	705	3.66	2.12	0.58	750	3.36	1.94	0.58	797	3.10	1.80	0.58	827	2.58	1.49	0.58	859
	31	26	2.72	1.25	0.46	321	2.72	1.25	0.46	341	2.72	1.25	0.46	360	3.02	1.39	0.46	374	3.02	1.39	0.46	400	4.60	2.11	0.46	645	4.40	2.02	0.46	678	4.23	1.94	0.46	710	4.07	1.87	0.46	742	3.84	1.76	0.46	790	3.52	1.62	0.46	839	3.26	1.50	0.46	871	2.71	1.24	0.46	904
	32	18	2.19	1.84	0.84	162	2.19	1.84	0.84	182	2.19	1.84	0.84	201	2.44	2.04	0.84	215	2.44	2.04	0.84	241	3.71	3.11	0.84	515	3.55	2.98	0.84	542	3.41	2.86	0.84	567	3.28	2.75	0.84	593	3.10	2.60	0.84	631	2.84	2.38	0.84	671	2.63	2.20	0.84	696	2.18	1.83	0.84	722
	32	20	2.31	1.93	0.84	202	2.31	1.93	0.84	222	2.31	1.93	0.84	241	2.56	2.15	0.84	255	2.56	2.15	0.84	281	3.90	3.27	0.84	548	3.73	3.13	0.84	576	3.59	3.01	0.84	603	3.45	2.89	0.84	630	3.25	2.73	0.84	671	2.99	2.50	0.84	713	2.76	2.32	0.84	740	2.29	1.92	0.84	768
	32	22	2.44	1.81	0.74	241	2.44	1.81	0.74	261	2.44	1.81	0.74	280	2.72	2.01	0.74	294	2.72	2.01	0.74	320	4.13	3.05	0.74	580	3.95	2.92	0.74	610	3.80	2.81	0.74	638	3.66	2.70	0.74	667	3.45	2.55	0.74	710	3.17	2.34	0.74	754	2.93	2.16	0.74	783	2.43	1.80	0.74	813
	32	24	2.59	1.60	0.62	281	2.59	1.60	0.62	301	2.59	1.60	0.62	320	2.88	1.78	0.62	334	2.88	1.78	0.62	360	4.38	2.71	0.62	612	4.19	2.59	0.62	644	4.03	2.49	0.62	674	3.87	2.40	0.62	705	3.66	2.26	0.62	750	3.36	2.08	0.62	797	3.10	1.92	0.62	827	2.58	1.59	0.62	859
	32	26	2.72	1.36	0.50	321	2.72	1.36	0.50	341	2.72	1.36	0.50	360	3.02	1.51	0.50	374	3.02	1.51	0.50	400	4.60	2.29	0.50	645	4.40	2.19	0.50	678	4.23	2.11	0.50	710	4.07	2.03	0.50	742	3.84	1.91	0.50	790	3.52	1.76	0.50	839	3.26	1.63	0.50	871	2.71	1.35	0.50	904

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

12K

HEATING PERFORMANCE DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
130%	15	5.06	1479	5.95	1524	6.61	1540	7.27	1571	7.90	1654	8.53	1737	8.96	1789	9.23	1824
	16	5.00	1491	5.88	1537	6.54	1552	7.18	1584	7.81	1667	8.43	1751	8.85	1803	9.12	1839
	17	4.94	1503	5.81	1549	6.46	1565	7.10	1597	7.71	1681	8.33	1765	8.75	1818	9.01	1854
	18	4.88	1515	5.74	1562	6.38	1577	7.01	1609	7.62	1694	8.23	1779	8.64	1832	8.90	1869
	19	4.82	1527	5.68	1574	6.31	1590	6.93	1622	7.53	1708	8.14	1793	8.54	1847	8.80	1884
	20	4.78	1539	5.62	1587	6.24	1603	6.86	1636	7.46	1722	8.05	1808	8.46	1862	8.71	1899
	21	4.72	1556	5.55	1604	6.17	1620	6.78	1654	7.37	1741	7.96	1828	8.36	1882	8.61	1920
	22	4.66	1573	5.49	1622	6.09	1638	6.70	1672	7.28	1760	7.86	1848	8.26	1903	8.50	1941
	23	4.61	1591	5.42	1640	6.02	1656	6.62	1690	7.19	1779	7.77	1868	8.16	1924	8.40	1963
	24	4.55	1608	5.35	1658	5.95	1675	6.54	1709	7.11	1799	7.67	1889	8.06	1945	8.30	1984
	25	4.50	1626	5.29	1676	5.88	1693	6.46	1727	7.02	1818	7.58	1909	7.96	1967	8.20	2006
	26	4.44	1644	5.23	1694	5.81	1712	6.38	1746	6.94	1838	7.49	1930	7.87	1988	8.10	2028
	27	4.39	1662	5.16	1713	5.74	1730	6.31	1766	6.85	1859	7.40	1952	7.77	2010	8.01	2050
	28	4.34	1680	5.10	1732	5.67	1749	6.23	1785	6.77	1879	7.31	1973	7.68	2032	7.91	2073
	29	4.28	1698	5.04	1751	5.60	1769	6.15	1805	6.69	1900	7.23	1995	7.59	2055	7.81	2096
	30	4.23	1717	4.98	1770	5.53	1788	6.08	1825	6.61	1921	7.14	2017	7.50	2077	7.72	2119
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
120%	15	4.91	1408	5.78	1452	6.42	1466	7.06	1496	7.67	1575	8.28	1654	8.70	1703	8.96	1738
	16	4.85	1420	5.71	1463	6.35	1478	6.97	1508	7.58	1588	8.19	1667	8.60	1717	8.85	1752
	17	4.80	1431	5.64	1475	6.27	1490	6.89	1521	7.49	1601	8.09	1681	8.49	1731	8.75	1766
	18	4.74	1443	5.58	1487	6.20	1502	6.81	1533	7.40	1614	7.99	1694	8.39	1745	8.64	1780
	19	4.68	1454	5.51	1499	6.12	1514	6.73	1545	7.31	1627	7.90	1708	8.29	1759	8.54	1794
	20	4.64	1466	5.46	1511	6.06	1526	6.66	1558	7.24	1640	7.82	1722	8.21	1773	8.46	1809
	21	4.58	1482	5.39	1528	5.99	1543	6.58	1575	7.15	1658	7.73	1741	8.11	1793	8.36	1829
	22	4.53	1498	5.33	1545	5.92	1560	6.50	1592	7.07	1676	7.63	1760	8.02	1812	8.26	1849
	23	4.47	1515	5.26	1562	5.85	1577	6.42	1610	6.98	1694	7.54	1779	7.92	1832	8.16	1869
	24	4.42	1531	5.20	1579	5.78	1595	6.35	1627	6.90	1713	7.45	1799	7.82	1853	8.06	1890
	25	4.37	1548	5.14	1596	5.71	1612	6.27	1645	6.82	1732	7.36	1818	7.73	1873	7.96	1910
	26	4.31	1565	5.07	1614	5.64	1630	6.20	1663	6.73	1751	7.27	1838	7.64	1894	7.87	1931
	27	4.26	1583	5.01	1632	5.57	1648	6.12	1682	6.65	1770	7.19	1859	7.55	1914	7.77	1953
	28	4.21	1600	4.95	1649	5.50	1666	6.05	1700	6.57	1790	7.10	1879	7.45	1935	7.68	1974
	29	4.16	1618	4.89	1668	5.44	1684	5.98	1719	6.50	1809	7.01	1900	7.37	1957	7.59	1996
	30	4.11	1635	4.84	1686	5.37	1703	5.90	1738	6.42	1829	6.93	1921	7.28	1978	7.50	2018
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
110%	15	4.77	1381	5.61	1423	6.23	1438	6.85	1467	7.45	1544	8.04	1621	8.44	1670	8.70	1703
	16	4.71	1392	5.54	1435	6.16	1449	6.77	1479	7.36	1557	7.95	1634	8.34	1684	8.60	1717
	17	4.66	1403	5.48	1446	6.09	1461	6.69	1491	7.27	1569	7.85	1648	8.25	1697	8.49	1731
	18	4.60	1414	5.41	1458	6.02	1473	6.61	1503	7.19	1582	7.76	1661	8.15	1711	8.39	1745
	19	4.55	1426	5.35	1470	5.94	1485	6.53	1515	7.10	1595	7.67	1674	8.05	1725	8.29	1759
	20	4.50	1437	5.30	1482	5.89	1497	6.47	1527	7.03	1607	7.59	1688	7.97	1738	8.21	1773
	21	4.45	1453	5.23	1498	5.81	1513	6.39	1544	6.95	1625	7.50	1706	7.88	1758	8.11	1793
	22	4.39	1469	5.17	1514	5.74	1530	6.31	1561	6.86	1643	7.41	1725	7.78	1777	8.02	1812
	23	4.34	1485	5.11	1531	5.68	1546	6.24	1578	6.78	1661	7.32	1744	7.69	1796	7.92	1832
	24	4.29	1501	5.05	1548	5.61	1564	6.16	1595	6.70	1679	7.23	1763	7.60	1816	7.82	1853
	25	4.24	1518	4.99	1565	5.54	1581	6.09	1613	6.62	1698	7.15	1783	7.50	1836	7.73	1873
	26	4.19	1535	4.93	1582	5.47	1598	6.02	1631	6.54	1717	7.06	1802	7.41	1856	7.64	1894
	27	4.14	1552	4.87	1600	5.41	1616	5.94	1649	6.46	1735	6.98	1822	7.33	1877	7.55	1914
	28	4.09	1569	4.81	1617	5.34	1633	5.87	1667	6.38	1755	6.89	1842	7.24	1897	7.45	1935
	29	4.04	1586	4.75	1635	5.28	1651	5.80	1685	6.31	1774	6.81	1862	7.15	1918	7.37	1957
	30	3.99	1603	4.69	1653	5.22	1670	5.73	1704	6.23	1793	6.73	1883	7.07	1939	7.28	1978

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
100%	15	4.63	1340	5.45	1382	6.05	1396	6.65	1424	7.23	1499	7.81	1574	8.20	1621	8.44	1654
	16	4.58	1351	5.38	1393	5.98	1407	6.57	1436	7.14	1511	7.72	1587	8.10	1634	8.34	1667
	17	4.52	1362	5.32	1404	5.91	1418	6.49	1447	7.06	1524	7.62	1600	8.01	1648	8.25	1681
	18	4.47	1373	5.26	1416	5.84	1430	6.42	1459	6.98	1536	7.53	1613	7.91	1661	8.15	1694
	19	4.41	1384	5.19	1427	5.77	1441	6.34	1471	6.89	1548	7.44	1626	7.82	1674	8.05	1708
	20	4.37	1395	5.14	1438	5.71	1453	6.28	1483	6.83	1561	7.37	1639	7.74	1688	7.97	1722
	21	4.32	1411	5.08	1454	5.65	1469	6.20	1499	6.74	1578	7.28	1657	7.65	1706	7.88	1741
	22	4.27	1426	5.02	1470	5.58	1485	6.13	1515	6.66	1595	7.20	1675	7.55	1725	7.78	1760
	23	4.22	1442	4.96	1486	5.51	1501	6.06	1532	6.58	1613	7.11	1693	7.46	1744	7.69	1779
	24	4.17	1458	4.90	1503	5.44	1518	5.98	1549	6.50	1630	7.02	1712	7.37	1763	7.60	1799
	25	4.12	1474	4.84	1519	5.38	1535	5.91	1566	6.43	1648	6.94	1731	7.29	1783	7.50	1818
	26	4.07	1490	4.78	1536	5.31	1552	5.84	1583	6.35	1667	6.86	1750	7.20	1802	7.41	1838
	27	4.02	1506	4.73	1553	5.25	1569	5.77	1601	6.27	1685	6.77	1769	7.11	1822	7.33	1859
	28	3.97	1523	4.67	1570	5.19	1586	5.70	1618	6.20	1703	6.69	1789	7.03	1842	7.24	1879
	29	3.92	1540	4.61	1587	5.13	1603	5.63	1636	6.12	1722	6.61	1808	6.94	1862	7.15	1900
	30	3.87	1557	4.56	1605	5.06	1621	5.56	1654	6.05	1741	6.53	1828	6.86	1883	7.07	1921

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
90%	15	4.47	1316	5.26	1357	5.84	1371	6.42	1399	6.98	1472	7.54	1546	7.91	1592	8.15	1624
	16	4.42	1327	5.19	1368	5.77	1382	6.34	1410	6.89	1484	7.45	1558	7.82	1605	8.05	1637
	17	4.36	1338	5.13	1379	5.70	1393	6.27	1421	6.81	1496	7.36	1571	7.73	1618	7.96	1650
	18	4.31	1348	5.07	1390	5.64	1404	6.19	1433	6.73	1508	7.27	1584	7.63	1631	7.86	1664
	19	4.26	1359	5.01	1401	5.57	1415	6.12	1444	6.65	1520	7.18	1596	7.54	1644	7.77	1677
	20	4.22	1370	4.96	1413	5.51	1427	6.06	1456	6.59	1533	7.11	1609	7.47	1657	7.69	1691
	21	4.17	1385	4.90	1428	5.45	1443	5.99	1472	6.51	1549	7.03	1627	7.38	1676	7.60	1709
	22	4.12	1400	4.84	1444	5.38	1458	5.91	1488	6.43	1566	6.94	1645	7.29	1694	7.51	1728
	23	4.07	1416	4.79	1460	5.32	1474	5.84	1505	6.35	1584	6.86	1663	7.20	1713	7.42	1747
	24	4.02	1431	4.73	1476	5.25	1491	5.77	1521	6.28	1601	6.78	1681	7.12	1732	7.33	1766
	25	3.97	1447	4.67	1492	5.19	1507	5.70	1538	6.20	1619	6.70	1700	7.03	1751	7.24	1786
	26	3.92	1463	4.62	1508	5.13	1524	5.64	1555	6.13	1637	6.62	1718	6.95	1770	7.16	1805
	27	3.88	1479	4.56	1525	5.07	1540	5.57	1572	6.05	1655	6.54	1737	6.86	1789	7.07	1825
	28	3.83	1495	4.51	1542	5.01	1557	5.50	1589	5.98	1673	6.46	1756	6.78	1809	6.98	1845
	29	3.78	1512	4.45	1559	4.95	1574	5.44	1607	5.91	1691	6.38	1776	6.70	1829	6.90	1866
	30	3.74	1529	4.40	1576	4.89	1592	5.37	1624	5.84	1710	6.30	1795	6.62	1849	6.82	1886

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15	-10	-5	0	5	10	15	20	-15	-10	-5	0	5	10	15	20
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
80%	15	4.33	1303	5.10	1343	5.67	1357	6.23	1385	6.77	1458	7.31	1530	7.67	1576	7.90	1608
	16	4.28	1314	5.04	1354	5.60	1368	6.15	1396	6.69	1469	7.22	1543	7.58	1589	7.81	1621
	17	4.23	1324	4.98	1365	5.53	1379	6.08	1407	6.61	1481	7.14	1555	7.49	1602	7.72	1634
	18	4.18	1335	4.92	1376	5.47	1390	6.01	1418	6.53	1493	7.05	1568	7.40	1615	7.63	1647
	19	4.13	1346	4.86	1387	5.40	1401	5.94	1430	6.45	1505	6.97	1580	7.32	1628	7.54	1660
	20	4.09	1356	4.81	1398	5.35	1413	5.88	1441	6.39	1517	6.90	1593	7.24	1641	7.46	1674
	21	4.04	1371	4.76	1414	5.28	1428	5.81	1457	6.31	1534	6.82	1611	7.16	1659	7.37	1692
	22	3.99	1386	4.70	1429	5.22	1444	5.74	1473	6.24	1551	6.74	1628	7.07	1677	7.28	1711
	23	3.95	1402	4.64	1445	5.16	1460	5.67	1489	6.16	1568	6.65	1646	6.99	1696	7.20	1730
	24	3.90	1417	4.59	1461	5.10	1476	5.60	1506	6.09	1585	6.57	1664	6.90	1714	7.11	1749
	25	3.85	1433	4.53	1477	5.04	1492	5.53	1522	6.01	1603	6.50	1683	6.82	1733	7.02	1768
	26	3.81	1449	4.48	1493	4.97	1508	5.47	1539	5.94	1620	6.42	1701	6.74	1752	6.94	1787
	27	3.76	1464	4.42	1510	4.92	1525	5.40	1556	5.87	1638	6.34	1720	6.66	1771	6.86	1807
	28	3.71	1481	4.37	1526	4.86	1542	5.34	1573	5.80	1656	6.26	1739	6.58	1791	6.77	1827
	29	3.67	1497	4.32	1543	4.80	1559	5.27	1591	5.73	1674	6.19	1758	6.50	1811	6.69	1847
	30	3.63	1513	4.27	1560	4.74	1576	5.21	1608	5.66	1693	6.11	1777	6.42	1831	6.61	1867

Remarks:
Q: Total Cooling Capacity (Gross) **kW**
INPUT: Power Input (including the compressor, evap. fan motor & cond. **W**
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

14K

			Cooling Operation PERFORMANCE DATA																																											
			OUTDOOR DB (°C)																																											
COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
130%	21	18	3.11	1.79	0.58	267	3.11	1.79	0.58	298	3.11	1.79	0.58	328	3.46	1.99	0.58	349	3.46	1.99	0.58	390	5.26	3.03	0.58	820	5.03	2.90	0.58	862	4.84	2.79	0.58	902	4.65	2.68	0.58	944	4.39	2.53	0.58	1005	4.03	2.32	0.58	1067	3.73	2.15	0.58	1108	3.09	1.78	0.58	1150
	21	20	3.27	1.49	0.46	307	3.27	1.49	0.46	338	3.27	1.49	0.46	368	3.63	1.66	0.46	389	3.63	1.66	0.46	430	5.53	2.52	0.46	853	5.29	2.41	0.46	897	5.09	2.32	0.46	938	4.89	2.23	0.46	981	4.61	2.10	0.46	1045	4.24	1.93	0.46	1110	3.92	1.79	0.46	1152	3.25	1.48	0.46	1196
	22	18	3.11	1.92	0.62	267	3.11	1.92	0.62	298	3.11	1.92	0.62	328	3.46	2.13	0.62	349	3.46	2.13	0.62	390	5.26	3.24	0.62	820	5.03	3.10	0.62	862	4.84	2.98	0.62	902	4.65	2.87	0.62	944	4.39	2.70	0.62	1005	4.03	2.48	0.62	1067	3.73	2.30	0.62	1108	3.09	1.91	0.62	1150
	22	20	3.27	1.62	0.50	307	3.27	1.62	0.50	338	3.27	1.62	0.50	368	3.63	1.80	0.50	389	3.63	1.80	0.50	430	5.53	2.74	0.50	853	5.29	2.62	0.50	897	5.09	2.52	0.50	938	4.89	2.43	0.50	981	4.61	2.29	0.50	1045	4.24	2.10	0.50	1110	3.92	1.94	0.50	1152	3.25	1.61	0.50	1196
	22	22	3.47	1.30	0.38	346	3.47	1.30	0.38	377	3.47	1.30	0.38	407	3.85	1.45	0.38	428	3.85	1.45	0.38	469	5.86	2.20	0.38	885	5.61	2.11	0.38	930	5.39	2.03	0.38	973	5.18	1.95	0.38	1018	4.89	1.84	0.38	1084	4.49	1.69	0.38	1151	4.15	1.56	0.38	1195	3.45	1.30	0.38	1240
	23	18	3.11	2.04	0.66	267	3.11	2.04	0.66	298	3.11	2.04	0.66	328	3.46	2.27	0.66	349	3.46	2.27	0.66	390	5.26	3.45	0.66	820	5.03	3.30	0.66	862	4.84	3.17	0.66	902	4.65	3.05	0.66	944	4.39	2.88	0.66	1005	4.03	2.64	0.66	1067	3.73	2.45	0.66	1108	3.09	2.03	0.66	1150
	23	20	3.27	1.75	0.54	307	3.27	1.75	0.54	338	3.27	1.75	0.54	368	3.63	1.95	0.54	389	3.63	1.95	0.54	430	5.53	2.96	0.54	853	5.29	2.84	0.54	897	5.09	2.73	0.54	938	4.89	2.62	0.54	981	4.61	2.47	0.54	1045	4.24	2.27	0.54	1110	3.92	2.10	0.54	1152	3.25	1.74	0.54	1196
	23	22	3.47	1.44	0.42	346	3.47	1.44	0.42	377	3.47	1.44	0.42	407	3.85	1.60	0.42	428	3.85	1.60	0.42	469	5.86	2.44	0.42	885	5.61	2.33	0.42	930	5.39	2.24	0.42	973	5.18	2.16	0.42	1018	4.89	2.03	0.42	1084	4.49	1.87	0.42	1151	4.15	1.73	0.42	1195	3.45	1.43	0.42	1240
	24	18	3.11	2.17	0.70	267	3.11	2.17	0.70	298	3.11	2.17	0.70	328	3.46	2.41	0.70	349	3.46	2.41	0.70	390	5.26	3.66	0.70	820	5.03	3.50	0.70	862	4.84	3.37	0.70	902	4.65	3.24	0.70	944	4.39	3.06	0.70	1005	4.03	2.80	0.70	1067	3.73	2.59	0.70	1108	3.09	2.15	0.70	1150
	24	20	3.27	1.88	0.58	307	3.27	1.88	0.58	338	3.27	1.88	0.58	368	3.63	2.09	0.58	389	3.63	2.09	0.58	430	5.53	3.18	0.58	853	5.29	3.05	0.58	897	5.09	2.93	0.58	938	4.89	2.82	0.58	981	4.61	2.66	0.58	1045	4.24	2.44	0.58	1110	3.92	2.26	0.58	1152	3.25	1.87	0.58	1196
	24	22	3.47	1.58	0.46	346	3.47	1.58	0.46	377	3.47	1.58	0.46	407	3.85	1.76	0.46	428	3.85	1.76	0.46	469	5.86	2.67	0.46	885	5.61	2.56	0.46	930	5.39	2.46	0.46	973	5.18	2.36	0.46	1018	4.89	2.23	0.46	1084	4.49	2.05	0.46	1151	4.15	1.89	0.46	1195	3.45	1.57	0.46	1240
	24	24	3.68	1.23	0.34	386	3.68	1.23	0.34	417	3.68	1.23	0.34	447	4.08	1.37	0.34	468	4.08	1.37	0.34	509	6.21	2.09	0.34	917	5.94	2.00	0.34	964	5.72	1.92	0.34	1009	5.50	1.85	0.34	1055	5.18	1.74	0.34	1124	4.76	1.60	0.34	1194	4.40	1.48	0.34	1239	3.65	1.23	0.34	1286
	25	18	3.11	2.29	0.74	267	3.11	2.29	0.74	298	3.11	2.29	0.74	328	3.46	2.54	0.74	349	3.46	2.54	0.74	390	5.26	3.87	0.74	820	5.03	3.70	0.74	862	4.84	3.56	0.74	902	4.65	3.42	0.74	944	4.39	3.23	0.74	1005	4.03	2.97	0.74	1067	3.73	2.74	0.74	1108	3.09	2.28	0.74	1150
	25	20	3.27	2.02	0.62	307	3.27	2.02	0.62	338	3.27	2.02	0.62	368	3.63	2.24	0.62	389	3.63	2.24	0.62	430	5.53	3.41	0.62	853	5.29	3.26	0.62	897	5.09	3.13	0.62	938	4.89	3.01	0.62	981	4.61	2.84	0.62	1045	4.24	2.61	0.62	1110	3.92	2.41	0.62	1152	3.25	2.00	0.62	1196
	25	22	3.47	1.72	0.50	346	3.47	1.72	0.50	377	3.47	1.72	0.50	407	3.85	1.91	0.50	428	3.85	1.91	0.50	469	5.86	2.91	0.50	885	5.61	2.78	0.50	930	5.39	2.67	0.50	973	5.18	2.57	0.50	1018	4.89	2.43	0.50	1084	4.49	2.23	0.50	1151	4.15	2.06	0.50	1195	3.45	1.71	0.50	1240
	25	24	3.68	1.38	0.38	386	3.68	1.38	0.38	417	3.68	1.38	0.38	447	4.08	1.53	0.38	468	4.08	1.53	0.38	509	6.21	2.34	0.38	917	5.94	2.23	0.38	964	5.72	2.15	0.38	1009	5.50	2.07	0.38	1055	5.18	1.95	0.38	1124	4.76	1.79	0.38	1194	4.40	1.66	0.38	1239	3.65	1.37	0.38	1286
	26	18	3.11	2.42	0.78	267	3.11	2.42	0.78	298	3.11	2.42	0.78	328	3.46	2.68	0.78	349	3.46	2.68	0.78	390	5.26	4.08	0.78	820	5.03	3.91	0.78	862	4.84	3.76	0.78	902	4.65	3.61	0.78	944	4.39	3.41	0.78	1005	4.03	3.13	0.78	1067	3.73	2.89	0.78	1108	3.09	2.40	0.78	1150
	26	20	3.27	2.15	0.66	307	3.27	2.15	0.66	338	3.27	2.15	0.66	368	3.63	2.38	0.66	389	3.63	2.38	0.66	430	5.53	3.63	0.66	853	5.29	3.47	0.66	897	5.09	3.34	0.66	938	4.89	3.21	0.66	981	4.61	3.03	0.66	1045	4.24	2.78	0.66	1110	3.92	2.57	0.66	1152	3.25	2.13	0.66	1196
	26	22	3.47	1.86	0.54	346	3.47	1.86	0.54	377	3.47	1.86	0.54	407	3.85	2.06	0.54	428	3.85	2.06	0.54	469	5.86	3.14	0.54	885	5.61	3.01	0.54	930	5.39	2.89	0.54	973	5.18	2.78	0.54	1018	4.89	2.62	0.54	1084	4.49	2.41	0.54	1151	4.15	2.23	0.54	1195	3.45	1.85	0.54	1240
	26	24	3.68	1.53	0.42	386	3.68	1.53	0.42	417	3.68	1.53	0.42	447	4.08	1.70	0.42	468	4.08	1.70	0.42	509	6.21	2.58	0.42	917	5.94	2.47	0.42	964	5.72	2.38	0.42	1009	5.50	2.29	0.42	1055	5.18	2.16	0.42	1124	4.76	1.98	0.42	1194	4.40	1.83	0.42	1239	3.65	1.52	0.42	1286
	26	26	3.86	1.14	0.30	426	3.86	1.14	0.30	457	3.86	1.14	0.30	487	4.29	1.27	0.30	508	4.29	1.27	0.30	549	6.52	1.93	0.30	950	6.24	1.85	0.30	999	6.00	1.78	0.30	1045	5.77	1.71	0.30	1093	5.44	1.61	0.30	1164	5.00	1.48	0.30	1236	4.62	1.37	0.30	1283	3.84	1.14	0.30	1332
	27	18	3.11	2.54	0.82	267	3.11	2.54	0.82	298	3.11	2.54	0.82	328	3.46	2.82	0.82	349	3.46	2.82	0.82	390	5.26	4.29	0.82	820	5.03	4.11	0.82	862	4.84	3.95	0.82	902	4.65	3.80	0.82	944	4.39	3.58	0.82	1005	4.03	3.29	0.82	1067	3.73	3.04	0.82	1108	3.09	2.52	0.82	1150
	27	19	3.18	2.40	0.76	287	3.18	2.40	0.76	318	3.18	2.40	0.76	348	3.53	2.67	0.76	369	3.53	2.67	0.76	410	5.37	4.06	0.76	836	5.14	3.88	0.76	879	4.94	3.73	0.76	920	4.75	3.59	0.76	962	4.48	3.39	0.76	1025	4.11	3.11	0.76	1088	3.80	2.88	0.76	1130	3.16	2.39	0.76	1173
	27	20	3.27	2.28	0.70	307	3.27	2.28	0.70	338	3.27	2.28	0.70	368	3.63	2.53	0.70	389	3.63	2.53	0.70	430	5.53	3.85	0.70	853	5.29	3.68	0.70	897	5.09	3.54	0.70	938	4.89	3.40	0.70	981	4.61	3.21	0.70	1045	4.24	2.95	0.70	1110	3.92	2.73	0.70	1152	3.25	2.26	0.70	1196
	27	22	3.47	2.00	0.58	346	3.47	2.00	0.58	377	3.47	2.00	0.58	407	3.85	2.22	0.58	428	3.85	2.22	0.58	469	5.86	3.38	0.58	885	5.61	3.23	0.58	930	5.39	3.11	0.58	973	5.18	2.99	0.58	1018	4.89	2.82	0.58	1084	4.49	2.59	0.58	1151	4.15	2.39	0.58	1195	3.45	1.99	0.58	1240
	27	24	3.68	1.68	0.46	386	3.68	1.68	0.46	417	3.68	1.68	0.46	447	4.08	1.86	0.46	468	4.08	1.86	0.46	509	6.21	2.83	0.46	917	5.94	2.71	0.46	964	5.72	2.61	0.46	1009	5.50	2.51	0.46	1055	5.18	2.36	0.46	1124	4.76	2.17	0.46	1194	4.40	2.01	0.46	1239	3.65	1.67	0.46	1286
	27	26	3.86	1.30	0.34	426	3.86	1.30	0.34	457	3.86	1.30	0.34	487	4.29	1.44	0.34	508	4.29	1.44	0.34	549	6.52	2.19	0.34	950	6.24	2.10	0.34	999	6.00	2.02	0.34	1045	5.77	1.94	0.34	1093	5.44	1.83	0.34	1164	5.00	1.68	0.34	1236	4.62	1.55	0.34	1283	3.84	1.29	0.34	1332
	28	18	3.11	2.66	0.86	267	3.11	2.66	0.86	298	3.11	2.66	0.86	328	3.46	2.96	0.86	349	3.46	2.96	0.86	390	5.26	4.50	0.86	820	5.03	4.31	0.86	862	4.84	4.14	0.86	902	4.65	3.98	0.86	944	4.39	3.76	0.86	1005	4.03	3.45	0.86	1067	3.73	3.19	0.86	1108	3.09	2.65	0.86	1150
	28	20	3.27	2.41	0.74	307	3.27	2.41	0.74	338	3.27	2.41	0.74	368	3.63	2.67	0.74	389	3.63	2.67	0.74	430	5.53	4.07	0.74	853	5.29	3.89	0.74	897	5.09	3.74	0.74	938	4.89	3.60	0.74	981	4.61	3.40	0.74	1045	4.24	3.12	0.74	1110	3.92	2.88	0.74	1152	3.25	2.39	0.74	1196
	28	22	3.47	2.14	0.62	346	3.47	2.14	0.62	377	3.47	2.14	0.62	407	3.85	2.37	0.62	428	3.85	2.37	0.62	469	5.86	3.61	0.62	885	5.61	3.45	0.62	930	5.39	3.32	0.62	973	5.18	3.19	0.62	1018	4.89	3.01	0.62	1084	4.49	2.77	0.62	1151	4.15	2.56	0.62	1195	3.45	2.12	0.62	1240
	28	24	3.68	1.82	0.50	386	3.68	1.82	0.50	417	3.68	1.82	0.50	447	4.08	2.02	0.50	468	4.08	2.02	0.50	509	6.21	3.08	0.50	917	5.94	2.95	0.50	964	5.72	2.83	0.50	1009	5.50	2.73	0.50	1055	5.18	2.57	0.50	1124	4.76	2.36	0.50	1194	4.40	2.18	0.50	1239	3.65	1.81	0.50	1286
	28	26	3.86	1.45	0.38	426	3.86	1.45	0.38	457	3.86	1.45	0.38	487	4.29	1.61	0.38	508	4.29	1.61	0.38	549	6.52	2.45	0.38	950	6.24	2.35	0.38	999	6.00	2.26	0.38	1045	5.77	2.17	0.38	1093	5.44	2.05	0.38	1164	5.00	1.88	0.38	1236	4.62	1.74	0.38	1283	3.84	1.44	0.38	1332
	29	18	3.11	2.73	0.88	267	3.11	2.73	0.88	298	3.11	2.73	0.88	328	3.46	3.03	0.88	349	3.46	3.03	0.88	390	5.26	4.61	0.88	820	5.03	4.41	0.88	862	4.84	4.24	0.88	902	4.65	4.08	0.88	944	4.39	3.85	0.88	1005	4.03	3.53	0.88	1067	3.73	3.27	0.88	1108	3.09	2.71	0.88	1150
	29	20	3.27	2.54	0.78	307	3.27	2.54	0.78	338	3.27	2.54	0.78	368	3.63	2.82	0.78	389	3.63	2.82	0.78	430	5.53	4.29	0.78	853	5.29	4.11	0.78	897	5.09	3.95	0.78	938	4.89	3.80	0.78	981	4.61	3.58	0.78	1045	4.24	3.29	0.78	1110	3.92	3.04	0.78	1152	3.25	2.52	0.78	1196
	29	22	3.47	2.27	0.66	346	3.47	2.27	0.66	377	3.47	2.27	0.66	407	3.85	2.53	0.66	428	3.85	2.53	0.66	469	5.86	3.84	0.66	885	5.61	3.68	0.66	930	5.39	3.54	0.66	973	5.18	3.40	0.66	1018	4.89	3.21	0.66	1084	4.49	2.95	0.66	1151	4.15	2.72	0.66	1195	3.45	2.26	0.66	1240
	29	24	3.68	1.97	0.54	386	3.68	1.97	0.54	417	3.68	1.97	0.54	447	4.08	2.19	0.54	468	4.08	2.19	0.54	509	6.21	3.33	0.54	917	5.94	3.19	0.54	964	5.72	3.06	0.54	1009	5.50	2.95	0.54	1055	5.18	2.78	0.54	1124	4.76	2.55	0.54	1194	4.40	2.36	0.54	1239	3.65	1.96	0.54	1286
	29	26	3.86	1.61	0.42	426	3.86	1.61	0.42	457	3.86	1.61	0.42	487	4.29	1.78	0.42	508	4.29	1.78	0.42	549	6.52	2.71	0.42	950	6.24	2.60	0.42	999	6.00	2.50	0.42	1045	5.77	2.40	0.42	1093	5.44	2.26	0.42	1164	5.00	2.08	0.42	1236	4.62	1.92	0.42	1283	3.84	1.60	0.42	1332
	30	18	3.11	2.73	0.88	267	3.11	2.73	0.88	298	3.11	2.73	0.88	328	3.46	3.03	0.88	349	3.46	3.03	0.88	390	5.26	4.61	0.88	820	5.03	4.41	0.88	862	4.84	4.24	0.88	902	4.65	4.08	0.88	944	4.39	3.85	0.88	1005	4.03	3.53	0.88	1067	3.73	3.27	0.88	1108	3.09	2.71	0.88	1150
	30	20	3.27	2.67	0.82	307	3.27	2.67	0.82	338	3.27	2.67	0.82	368	3.63	2.97	0.82	389	3.63	2.97	0.82	430	5.53	4.51	0.82	853	5.29	4.32	0.82	897	5.09	4.15	0.82	938	4.89	3.99	0.82	981	4.61	3.77	0.82	1045	4.24	3.46	0.82	1110	3.92	3.20	0.82	1152	3.25	2.65	0.82	1196
	30	22	3.47	2.41	0.70	346	3.47	2.41	0.70	377	3.47	2.41	0.70	407	3.85	2.68	0.70	428	3.85	2.68	0.70	469	5.86	4.08	0.70	885	5.61	3.90	0.70	930	5.39	3.75	0.70	973	5.18	3.61	0.70	1018	4.89	3.40	0.70	1084	4.49	3.12	0.70	1151	4.15	2.89	0.70	1195	3.45	2.40	0.70	1240
	30	24	3.68	2.12	0.58	386	3.68	2.12	0.58	417	3.68	2.12	0.58	447	4.08	2.35	0.58	468	4.08	2.35	0.58	509	6.21	3.58	0.58	917	5.94	3.42	0.58	964	5.72	3.29	0.58	1009	5.50	3.17	0.58	1055	5.18	2.99	0.58	1124	4.76	2.74	0.58	1194	4.40	2.54	0.58	1239	3.65	2.10	0.58	1286
	30	26	3.86	1.76	0.46	426	3.86	1.76	0.46	457	3.86	1.76	0.46	487	4.29	1.95	0.46	508	4.29	1.95	0.46	549	6.52	2.97	0.46	950	6.24	2.85	0.46	999	6.00	2.74	0.46	1045	5.77	2.63	0.46	1093	5.44	2.48	0.46	1164	5.00	2.28	0.46	1236	4.62	2.11	0.46	1283	3.84	1.75	0.46	1332
	31	18	3.11	2.73	0.88	267	3.11	2.73	0.88	298	3.11	2.73	0.88	328	3.46	3.03	0.88	349	3.46	3.03	0.88	390	5.26	4.61	0.88	820	5.03	4.41	0.88	862	4.84	4.24	0.88	902	4.65	4.08	0.88	944	4.39	3.85	0.88	1005	4.03	3.53	0.88	1067	3.73	3.27	0.88	1108	3.09	2.71	0.88	1150
	31	20	3.27	2.80	0.86	307	3.27	2.80	0.86	338	3.27	2.80	0.86	368	3.63	3.11	0.86	389	3.63	3.11	0.86	430	5.53	4.73	0.86	853	5.29	4.53	0.86	897	5.09	4.35	0.86	938	4.89	4.19	0.86	981	4.61	3.95	0.86	1045	4.24	3.63	0.86	1110	3.92	3.35	0.86	1152	3.25	2.78	0.86	1196
	31	22	3.47	2.55	0.74	346	3.47	2.55	0.74	377	3.47	2.55	0.74	407	3.85	2.83	0.74	428	3.85	2.83	0.74	469	5.86	4.31	0.74	885	5.61	4.13	0.74	930	5.39	3.97	0.74	973	5.18	3.82	0.74	1018	4.89	3.60	0.74	1084	4.49	3.30	0.74	1151	4.15	3.06	0.74	1195	3.45	2.54	0.74	1240
	31	24	3.68	2.26	0.62	386	3.68	2.26	0.62	417	3.68	2.26	0.62	447	4.08	2.51	0.62	468	4.08	2.51	0.62	509	6.21	3.83	0.62	917	5.94	3.66	0.62	964	5.72	3.52	0.62	1009	5.50	3.39	0.62	1055	5.18	3.19	0.62	1124	4.76	2.93	0.62	1194	4.40	2.71	0.62	1239	3.65	2.25	0.62	1286
	31	26	3.86	1.91	0.50	426	3.86	1.91	0.50	457	3.86	1.91	0.50	487	4.29	2.13	0.50	508	4.29	2.13	0.50	549	6.52	3.23	0.50	950	6.24	3.10	0.50	999	6.00	2.98	0.50	1045	5.77	2.86	0.50	1093	5.44	2.70	0.50	1164	5.00	2.48	0.50	1236	4.62	2.29	0.50	1283	3.84	1.90	0.50	1332
	32	18	3.11	2.73	0.88	267	3.11	2.73	0.88	298	3.11	2.73	0.88	328	3.46	3.03	0.88	349	3.46	3.03	0.88	390	5.26	4.61	0.88	820	5.03	4.41	0.88	862	4.84	4.24	0.88	902	4.65	4.08	0.88	944	4.39	3.85	0.88	1005	4.03	3.53	0.88	1067	3.73	3.27	0.88	1108	3.09	2.71	0.88	1150
	32	20	3.27	2.87	0.88	307	3.27	2.87	0.88	338	3.27	2.87	0.88	368	3.63	3.18	0.88	389	3.63	3.18	0.88	430	5.53	4.84	0.88	853	5.29	4.63	0.88	897	5.09	4.46	0.88	938	4.89	4.28	0.88	981	4.61	4.04	0.88	1045	4.24	3.71	0.88	1110	3.92	3.43	0.88	1152	3.25	2.85	0.88	1196
	32	22	3.47	2.69	0.78	346	3.47	2.69	0.78	377	3.47	2.69	0.78	407	3.85	2.99	0.78	428	3.85	2.99	0.78	469	5.86	4.55	0.78	885	5.61	4.35	0.78	930	5.39	4.18	0.78	973	5.18	4.02	0.78	1018	4.89	3.80	0.78	1084	4.49	3.48	0.78	1151	4.15	3.22	0.78	1195	3.45	2.67	0.78	1240
	32	24	3.68	2.41	0.66	386	3.68	2.41	0.66	417	3.68	2.41	0.66	447	4.08	2.68	0.66	468	4.08	2.68	0.66	509	6.21	4.07	0.66	917	5.94	3.90	0.66	964	5.72	3.75	0.66	1009	5.50	3.60	0.66	1055	5.18	3.40	0.66	1124	4.76	3.12	0.66	1194	4.40	2.89	0.66	1239	3.65	2.40	0.66	1286
	32	26	3.86	2.07	0.54	426	3.86	2.07	0.54	457	3.86	2.07	0.54	487	4.29	2.30	0.54	508	4.29	2.30	0.54	549	6.52	3.50	0.54	950	6.24	3.35	0.54	999	6.00	3.22	0.54	1045	5.77	3.09	0.54	1093	5.44	2.92	0.54	1164	5.00	2.68	0.54	1236	4.62	2.48	0.54	1283	3.84	2.06	0.54	1332

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA																																																		
			OUTDOOR DB (°C)																																																	
			-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
120%	21	18	3.02	1.81	0.60	253	3.02	1.81	0.60	283	3.02	1.81	0.60	312	3.36	2.01	0.60	331	3.36	2.01	0.60	370	5.11	3.06	0.60	780	4.89	2.93	0.60	820	4.70	2.82	0.60	858	4.52	2.71	0.60	898	4.26	2.55	0.60	956	3.91	2.35	0.60	1015	3.62	2.17	0.60	1054	3.00	1.80	0.60	1094
	21	20	3.18	1.52	0.48	293	3.18	1.52	0.48	323	3.18	1.52	0.48	352	3.53	1.69	0.48	371	3.53	1.69	0.48	410	5.37	2.57	0.48	813	5.14	2.46	0.48	855	4.94	2.37	0.48	894	4.75	2.28	0.48	935	4.48	2.15	0.48	996	4.11	1.97	0.48	1058	3.80	1.82	0.48	1098	3.16	1.51	0.48	1140
	22	18	3.02	1.93	0.64	253	3.02	1.93	0.64	283	3.02	1.93	0.64	312	3.36	2.15	0.64	331	3.36	2.15	0.64	370	5.11	3.26	0.64	780	4.89	3.12	0.64	820	4.70	3.00	0.64	858	4.52	2.89	0.64	898	4.26	2.73	0.64	956	3.91	2.50	0.64	1015	3.62	2.31	0.64	1054	3.00	1.92	0.64	1094
	22	20	3.18	1.65	0.52	293	3.18	1.65	0.52	323	3.18	1.65	0.52	352	3.53	1.83	0.52	371	3.53	1.83	0.52	410	5.37	2.79	0.52	813	5.14	2.67	0.52	855	4.94	2.56	0.52	894	4.75	2.47	0.52	935	4.48	2.33	0.52	996	4.11	2.14	0.52	1058	3.80	1.98	0.52	1098	3.16	1.64	0.52	1140
	22	22	3.37	1.34	0.40	332	3.37	1.34	0.40	362	3.37	1.34	0.40	391	3.74	1.49	0.40	410	3.74	1.49	0.40	449	5.69	2.27	0.40	845	5.44	2.17	0.40	888	5.24	2.09	0.40	929	5.03	2.01	0.40	972	4.75	1.90	0.40	1035	4.36	1.74	0.40	1099	4.03	1.61	0.40	1141	3.35	1.34	0.40	1184
	23	18	3.02	2.05	0.68	253	3.02	2.05	0.68	283	3.02	2.05	0.68	312	3.36	2.28	0.68	331	3.36	2.28	0.68	370	5.11	3.47	0.68	780	4.89	3.32	0.68	820	4.70	3.19	0.68	858	4.52	3.07	0.68	898	4.26	2.90	0.68	956	3.91	2.66	0.68	1015	3.62	2.46	0.68	1054	3.00	2.04	0.68	1094
	23	20	3.18	1.78	0.56	293	3.18	1.78	0.56	323	3.18	1.78	0.56	352	3.53	1.97	0.56	371	3.53	1.97	0.56	410	5.37	3.00	0.56	813	5.14	2.87	0.56	855	4.94	2.76	0.56	894	4.75	2.66	0.56	935	4.48	2.51	0.56	996	4.11	2.30	0.56	1058	3.80	2.13	0.56	1098	3.16	1.77	0.56	1140
	23	22	3.37	1.48	0.44	332	3.37	1.48	0.44	362	3.37	1.48	0.44	391	3.74	1.64	0.44	410	3.74	1.64	0.44	449	5.69	2.50	0.44	845	5.44	2.39	0.44	888	5.24	2.30	0.44	929	5.03	2.21	0.44	972	4.75	2.09	0.44	1035	4.36	1.92	0.44	1099	4.03	1.77	0.44	1141	3.35	1.47	0.44	1184
	24	18	3.02	2.17	0.72	253	3.02	2.17	0.72	283	3.02	2.17	0.72	312	3.36	2.41	0.72	331	3.36	2.41	0.72	370	5.11	3.67	0.72	780	4.89	3.52	0.72	820	4.70	3.38	0.72	858	4.52	3.25	0.72	898	4.26	3.07	0.72	956	3.91	2.81	0.72	1015	3.62	2.60	0.72	1054	3.00	2.16	0.72	1094
	24	20	3.18	1.90	0.60	293	3.18	1.90	0.60	323	3.18	1.90	0.60	352	3.53	2.11	0.60	371	3.53	2.11	0.60	410	5.37	3.22	0.60	813	5.14	3.08	0.60	855	4.94	2.96	0.60	894	4.75	2.85	0.60	935	4.48	2.68	0.60	996	4.11	2.46	0.60	1058	3.80	2.28	0.60	1098	3.16	1.89	0.60	1140
	24	22	3.37	1.61	0.48	332	3.37	1.61	0.48	362	3.37	1.61	0.48	391	3.74	1.79	0.48	410	3.74	1.79	0.48	449	5.69	2.73	0.48	845	5.44	2.61	0.48	888	5.24	2.51	0.48	929	5.03	2.41	0.48	972	4.75	2.28	0.48	1035	4.36	2.09	0.48	1099	4.03	1.93	0.48	1141	3.35	1.60	0.48	1184
	24	24	3.57	1.28	0.36	372	3.57	1.28	0.36	402	3.57	1.28	0.36	431	3.96	1.42	0.36	450	3.96	1.42	0.36	489	6.03	2.17	0.36	877	5.77	2.07	0.36	923	5.55	1.99	0.36	965	5.34	1.92	0.36	1009	5.03	1.81	0.36	1075	4.62	1.66	0.36	1142	4.27	1.54	0.36	1185	3.55	1.27	0.36	1230
	25	18	3.02	2.29	0.76	253	3.02	2.29	0.76	283	3.02	2.29	0.76	312	3.36	2.55	0.76	331	3.36	2.55	0.76	370	5.11	3.88	0.76	780	4.89	3.71	0.76	820	4.70	3.57	0.76	858	4.52	3.43	0.76	898	4.26	3.24	0.76	956	3.91	2.97	0.76	1015	3.62	2.75	0.76	1054	3.00	2.28	0.76	1094
	25	20	3.18	2.03	0.64	293	3.18	2.03	0.64	323	3.18	2.03	0.64	352	3.53	2.26	0.64	371	3.53	2.26	0.64	410	5.37	3.43	0.64	813	5.14	3.28	0.64	855	4.94	3.16	0.64	894	4.75	3.04	0.64	935	4.48	2.86	0.64	996	4.11	2.63	0.64	1058	3.80	2.43	0.64	1098	3.16	2.02	0.64	1140
	25	22	3.37	1.75	0.52	332	3.37	1.75	0.52	362	3.37	1.75	0.52	391	3.74	1.94	0.52	410	3.74	1.94	0.52	449	5.69	2.95	0.52	845	5.44	2.83	0.52	888	5.24	2.72	0.52	929	5.03	2.61	0.52	972	4.75	2.47	0.52	1035	4.36	2.26	0.52	1099	4.03	2.09	0.52	1141	3.35	1.74	0.52	1184
	25	24	3.57	1.43	0.40	372	3.57	1.43	0.40	402	3.57	1.43	0.40	431	3.96	1.58	0.40	450	3.96	1.58	0.40	489	6.03	2.41	0.40	877	5.77	2.30	0.40	923	5.55	2.22	0.40	965	5.34	2.13	0.40	1009	5.03	2.01	0.40	1075	4.62	1.85	0.40	1142	4.27	1.71	0.40	1185	3.55	1.42	0.40	1230
	26	18	3.02	2.42	0.80	253	3.02	2.42	0.80	283	3.02	2.42	0.80	312	3.36	2.68	0.80	331	3.36	2.68	0.80	370	5.11	4.08	0.80	780	4.89	3.91	0.80	820	4.70	3.76	0.80	858	4.52	3.61	0.80	898	4.26	3.41	0.80	956	3.91	3.13	0.80	1015	3.62	2.89	0.80	1054	3.00	2.40	0.80	1094
	26	20	3.18	2.16	0.68	293	3.18	2.16	0.68	323	3.18	2.16	0.68	352	3.53	2.40	0.68	371	3.53	2.40	0.68	410	5.37	3.65	0.68	813	5.14	3.49	0.68	855	4.94	3.36	0.68	894	4.75	3.23	0.68	935	4.48	3.04	0.68	996	4.11	2.79	0.68	1058	3.80	2.58	0.68	1098	3.16	2.14	0.68	1140
	26	22	3.37	1.88	0.56	332	3.37	1.88	0.56	362	3.37	1.88	0.56	391	3.74	2.09	0.56	410	3.74	2.09	0.56	449	5.69	3.18	0.56	845	5.44	3.05	0.56	888	5.24	2.93	0.56	929	5.03	2.82	0.56	972	4.75	2.66	0.56	1035	4.36	2.44	0.56	1099	4.03	2.26	0.56	1141	3.35	1.87	0.56	1184
	26	24	3.57	1.57	0.44	372	3.57	1.57	0.44	402	3.57	1.57	0.44	431	3.96	1.74	0.44	450	3.96	1.74	0.44	489	6.03	2.65	0.44	877	5.77	2.54	0.44	923	5.55	2.44	0.44	965	5.34	2.34	0.44	1009	5.03	2.21	0.44	1075	4.62	2.03	0.44	1142	4.27	1.88	0.44	1185	3.55	1.56	0.44	1230
	26	26	3.75	1.20	0.32	412	3.75	1.20	0.32	442	3.75	1.20	0.32	471	4.16	1.33	0.32	490	4.16	1.33	0.32	529	6.33	2.02	0.32	910	6.06	1.93	0.32	957	5.83	1.86	0.32	1001	5.60	1.79	0.32	1047	5.29	1.69	0.32	1115	4.85	1.55	0.32	1184	4.49	1.43	0.32	1229	3.73	1.19	0.32	1276
	27	18	3.02	2.54	0.84	253	3.02	2.54	0.84	283	3.02	2.54	0.84	312	3.36	2.82	0.84	331	3.36	2.82	0.84	370	5.11	4.29	0.84	780	4.89	4.10	0.84	820	4.70	3.94	0.84	858	4.52	3.79	0.84	898	4.26	3.58	0.84	956	3.91	3.28	0.84	1015	3.62	3.04	0.84	1054	3.00	2.52	0.84	1094
	27	19	3.08	2.40	0.78	273	3.08	2.40	0.78	303	3.08	2.40	0.78	332	3.43	2.67	0.78	351	3.43	2.67	0.78	390	5.21	4.06	0.78	797	4.99	3.89	0.78	838	4.80	3.74	0.78	876	4.61	3.59	0.78	916	4.35	3.39	0.78	976	3.99	3.11	0.78	1037	3.69	2.88	0.78	1076	3.07	2.39	0.78	1117
	27	20	3.18	2.28	0.72	293	3.18	2.28	0.72	323	3.18	2.28	0.72	352	3.53	2.54	0.72	371	3.53	2.54	0.72	410	5.37	3.86	0.72	813	5.14	3.69	0.72	855	4.94	3.55	0.72	894	4.75	3.42	0.72	935	4.48	3.22	0.72	996	4.11	2.96	0.72	1058	3.80	2.74	0.72	1098	3.16	2.27	0.72	1140
	27	22	3.37	2.02	0.60	332	3.37	2.02	0.60	362	3.37	2.02	0.60	391	3.74	2.24	0.60	410	3.74	2.24	0.60	449	5.69	3.41	0.60	845	5.44	3.26	0.60	888	5.24	3.14	0.60	929	5.03	3.02	0.60	972	4.75	2.85	0.60	1035	4.36	2.61	0.60	1099	4.03	2.42	0.60	1141	3.35	2.01	0.60	1184
	27	24	3.57	1.71	0.48	372	3.57	1.71	0.48	402	3.57	1.71	0.48	431	3.96	1.90	0.48	450	3.96	1.90	0.48	489	6.03	2.89	0.48	877	5.77	2.77	0.48	923	5.55	2.66	0.48	965	5.34	2.56	0.48	1009	5.03	2.41	0.48	1075	4.62	2.21	0.48	1142	4.27	2.05	0.48	1185	3.55	1.70	0.48	1230
	27	26	3.75	1.35	0.36	412	3.75	1.35	0.36	442	3.75	1.35	0.36	471	4.16	1.50	0.36	490	4.16	1.50	0.36	529	6.33	2.28	0.36	910	6.06	2.18	0.36	957	5.83	2.09	0.36	1001	5.60	2.01	0.36	1047	5.29	1.90	0.36	1115	4.85	1.74	0.36	1184	4.49	1.61	0.36	1229	3.73	1.34	0.36	1276
	28	18	3.02	2.66	0.88	253	3.02	2.66	0.88	283	3.02	2.66	0.88	312	3.36	2.95	0.88	331	3.36	2.95	0.88	370	5.11	4.49	0.88	780	4.89	4.30	0.88	820	4.70	4.13	0.88	858	4.52	3.97	0.88	898	4.26	3.75	0.88	956	3.91	3.44	0.88	1015	3.62	3.18	0.88	1054	3.00	2.64	0.88	1094
	28	20	3.18	2.41	0.76	293	3.18	2.41	0.76	323	3.18	2.41	0.76	352	3.53	2.68	0.76	371	3.53	2.68	0.76	410	5.37	4.08	0.76	813	5.14	3.90	0.76	855	4.94	3.75	0.76	894	4.75	3.61	0.76	935	4.48	3.40	0.76	996	4.11	3.12	0.76	1058	3.80	2.89	0.76	1098	3.16	2.40	0.76	1140
	28	22	3.37	2.15	0.64	332	3.37	2.15	0.64	362	3.37	2.15	0.64	391	3.74	2.39	0.64	410	3.74	2.39	0.64	449	5.69	3.64	0.64	845	5.44	3.48	0.64	888	5.24	3.35	0.64	929	5.03	3.22	0.64	972	4.75	3.04	0.64	1035	4.36	2.79	0.64	1099	4.03	2.58	0.64	1141	3.35	2.14	0.64	1184
	28	24	3.57	1.85	0.52	372	3.57	1.85	0.52	402	3.57	1.85	0.52	431	3.96	2.06	0.52	450	3.96	2.06	0.52	489	6.03	3.13	0.52	877	5.77	3.00	0.52	923	5.55	2.88	0.52	965	5.34	2.77	0.52	1009	5.03	2.61	0.52	1075	4.62	2.40	0.52	1142	4.27	2.22	0.52	1185	3.55	1.84	0.52	1230
	28	26	3.75	1.50	0.40	412	3.75	1.50	0.40	442	3.75	1.50	0.40	471	4.16	1.66	0.40	490	4.16	1.66	0.40	529	6.33	2.53	0.40	910	6.06	2.42	0.40	957	5.83	2.33	0.40	1001	5.60	2.24	0.40	1047	5.29	2.11	0.40	1115	4.85	1.94	0.40	1184	4.49	1.79	0.40	1229	3.73	1.49	0.40	1276
	29	18	3.02	2.72	0.90	253	3.02	2.72	0.90	283	3.02	2.72	0.90	312	3.36	3.02	0.90	331	3.36	3.02	0.90	370	5.11	4.59	0.90	780	4.89	4.40	0.90	820	4.70	4.23	0.90	858	4.52	4.06	0.90	898	4.26	3.83	0.90	956	3.91	3.52	0.90	1015	3.62	3.26	0.90	1054	3.00	2.70	0.90	1094
	29	20	3.18	2.54	0.80	293	3.18	2.54	0.80	323	3.18	2.54	0.80	352	3.53	2.82	0.80	371	3.53	2.82	0.80	410	5.37	4.29	0.80	813	5.14	4.11	0.80	855	4.94	3.95	0.80	894	4.75	3.80	0.80	935	4.48	3.58	0.80	996	4.11	3.29	0.80	1058	3.80	3.04	0.80	1098	3.16	2.52	0.80	1140
	29	22	3.37	2.29	0.68	332	3.37	2.29	0.68	362	3.37	2.29	0.68	391	3.74	2.54	0.68	410	3.74	2.54	0.68	449	5.69	3.87	0.68	845	5.44	3.70	0.68	888	5.24	3.56	0.68	929	5.03	3.42	0.68	972	4.75	3.23	0.68	1035	4.36	2.96	0.68	1099	4.03	2.74	0.68	1141	3.35	2.27	0.68	1184
	29	24	3.57	2.00	0.56	372	3.57	2.00	0.56	402	3.57	2.00	0.56	431	3.96	2.22	0.56	450	3.96	2.22	0.56	489	6.03	3.37	0.56	877	5.77	3.23	0.56	923	5.55	3.10	0.56	965	5.34	2.98	0.56	1009	5.03	2.82	0.56	1075	4.62	2.58	0.56	1142	4.27	2.39	0.56	1185	3.55	1.98	0.56	1230
	29	26	3.75	1.65	0.44	412	3.75	1.65	0.44	442	3.75	1.65	0.44	471	4.16	1.83	0.44	490	4.16	1.83	0.44	529	6.33	2.78	0.44	910	6.06	2.66	0.44	957	5.83	2.56	0.44	1001	5.60	2.46	0.44	1047	5.29	2.32	0.44	1115	4.85	2.13	0.44	1184	4.49	1.97	0.44	1229	3.73	1.64	0.44	1276
	30	18	3.02	2.72	0.90	253	3.02	2.72	0.90	283	3.02	2.72	0.90	312	3.36	3.02	0.90	331	3.36	3.02	0.90	370	5.11	4.59	0.90	780	4.89	4.40	0.90	820	4.70	4.23	0.90	858	4.52	4.06	0.90	898	4.26	3.83	0.90	956	3.91	3.52	0.90	1015	3.62	3.26	0.90	1054	3.00	2.70	0.90	1094
	30	20	3.18	2.67	0.84	293	3.18	2.67	0.84	323	3.18	2.67	0.84	352	3.53	2.96	0.84	371	3.53	2.96	0.84	410	5.37	4.51	0.84	813	5.14	4.31	0.84	855	4.94	4.15	0.84	894	4.75	3.99	0.84	935	4.48	3.76	0.84	996	4.11	3.45	0.84	1058	3.80	3.19	0.84	1098	3.16	2.65	0.84	1140
	30	22	3.37	2.42	0.72	332	3.37	2.42	0.72	362	3.37	2.42	0.72	391	3.74	2.69	0.72	410	3.74	2.69	0.72	449	5.69	4.09	0.72	845	5.44	3.92	0.72	888	5.24	3.77	0.72	929	5.03	3.62	0.72	972	4.75	3.42	0.72	1035	4.36	3.14	0.72	1099	4.03	2.90	0.72	1141	3.35	2.41	0.72	1184
	30	24	3.57	2.14	0.60	372	3.57	2.14	0.60	402	3.57	2.14	0.60	431	3.96	2.38	0.60	450	3.96	2.38	0.60	489	6.03	3.61	0.60	877	5.77	3.46	0.60	923	5.55	3.33	0.60	965	5.34	3.20	0.60	1009	5.03	3.02	0.60	1075	4.62	2.77	0.60	1142	4.27	2.56	0.60	1185	3.55	2.13	0.60	1230
	30	26	3.75	1.80	0.48	412	3.75	1.80	0.48	442	3.75	1.80	0.48	471	4.16	2.00	0.48	490	4.16	2.00	0.48	529	6.33	3.04	0.48	910	6.06	2.90	0.48	957	5.83	2.79	0.48	1001	5.60	2.69	0.48	1047	5.29	2.53	0.48	1115	4.85	2.33	0.48	1184	4.49	2.15	0.48	1229	3.73	1.79	0.48	1276
	31	18	3.02	2.72	0.90	253	3.02	2.72	0.90	283	3.02	2.72	0.90	312	3.36	3.02	0.90	331	3.36	3.02	0.90	370	5.11	4.59	0.90	780	4.89	4.40	0.90	820	4.70	4.23	0.90	858	4.52	4.06	0.90	898	4.26	3.83	0.90	956	3.91	3.52	0.90	1015	3.62	3.26	0.90	1054	3.00	2.70	0.90	1094
	31	20	3.18	2.79	0.88	293	3.18	2.79	0.88	323	3.18	2.79	0.88	352	3.53	3.10	0.88	371	3.53	3.10	0.88	410	5.37	4.72	0.88	813	5.14	4.52	0.88	855	4.94	4.34	0.88	894	4.75	4.18	0.88	935	4.48	3.94	0.88	996	4.11	3.62	0.88	1058	3.80	3.35	0.88	1098	3.16	2.78	0.88	1140
	31	22	3.37	2.56	0.76	332	3.37	2.56	0.76	362	3.37	2.56	0.76	391	3.74	2.84	0.76	410	3.74	2.84	0.76	449	5.69	4.32	0.76	845	5.44	4.13	0.76	888	5.24	3.98	0.76	929	5.03	3.82	0.76	972	4.75	3.61	0.76	1035	4.36	3.31	0.76	1099	4.03	3.06	0.76	1141	3.35	2.54	0.76	1184
	31	24	3.57	2.28	0.64	372	3.57	2.28	0.64	402	3.57	2.28	0.64	431	3.96	2.53	0.64	450	3.96	2.53	0.64	489	6.03	3.86	0.64	877	5.77	3.69	0.64	923	5.55	3.55	0.64	965	5.34	3.41	0.64	1009	5.03	3.22	0.64	1075	4.62	2.95	0.64	1142	4.27	2.73	0.64	1185	3.55	2.27	0.64	1230
	31	26	3.75	1.95	0.52	412	3.75	1.95	0.52	442	3.75	1.95	0.52	471	4.16	2.16	0.52	490	4.16	2.16	0.52	529	6.33	3.29	0.52	910	6.06	3.15	0.52	957	5.83	3.03	0.52	1001	5.60	2.91	0.52	1047	5.29	2.74	0.52	1115	4.85	2.52	0.52	1184	4.49	2.33	0.52	1229	3.73	1.93	0.52	1276
	32	18	3.02	2.72	0.90	253	3.02	2.72	0.90	283	3.02	2.72	0.90	312	3.36	3.02	0.90	331	3.36	3.02	0.90	370	5.11	4.59	0.90	780	4.89	4.40	0.90	820	4.70	4.23	0.90	858	4.52	4.06	0.90	898	4.26	3.83	0.90	956	3.91	3.52	0.90	1015	3.62	3.26	0.90	1054	3.00	2.70	0.90	1094
	32	20	3.18	2.86	0.90	293	3.18	2.86	0.90	323	3.18	2.86	0.90	352	3.53	3.17	0.90	371	3.53	3.17	0.90	410	5.37	4.83	0.90	813	5.14	4.62	0.90	855	4.94	4.44	0.90	894	4.75	4.27	0.90	935	4.48	4.03	0.90	996	4.11	3.70	0.90	1058	3.80	3.42	0.90	1098	3.16	2.84	0.90	1140
	32	22	3.37	2.69	0.80	332	3.37	2.69	0.80	362	3.37	2.69	0.80	391	3.74	2.99	0.80	410	3.74	2.99	0.80	449	5.69	4.55	0.80	845	5.44	4.35	0.80	888	5.24	4.18	0.80	929	5.03	4.02	0.80	972	4.75	3.80	0.80	1035	4.36	3.48	0.80	1099	4.03	3.22	0.80	1141	3.35	2.68	0.80	1184
	32	24	3.57	2.42	0.68	372	3.57	2.42	0.68	402	3.57	2.42	0.68	431	3.96	2.69	0.68	450	3.96	2.69	0.68	489	6.03	4.10	0.68	877	5.77	3.92	0.68	923	5.55	3.77	0.68	965	5.34	3.62	0.68	1009	5.03	3.42	0.68	1075	4.62	3.14	0.68	1142	4.27	2.90	0.68	1185	3.55	2.41	0.68	1230
	32	26	3.75	2.10	0.56	412	3.75	2.10	0.56	442	3.75	2.10	0.56	471	4.16	2.33	0.56	490	4.16	2.33	0.56	529	6.33	3.54	0.56	910	6.06	3.39	0.56	957	5.83	3.26	0.56	1001	5.60	3.13	0.56	1047	5.29	2.96	0.56	1115	4.85	2.71	0.56	1184	4.49	2.51	0.56	1229	3.73	2.08	0.56	1276

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
110%	21	18	2.93	1.83	0.62	245	2.93	1.83	0.62	274	2.93	1.83	0.62	302	3.26	2.03	0.62	321	3.26	2.03	0.62	359	4.96	3.09	0.62	757	4.74	2.96	0.62	796	4.56	2.84	0.62	833	4.39	2.73	0.62	871	4.14	2.58	0.62	928	3.80	2.37	0.62	985	3.51	2.19	0.62	1023	2.92	1.82	0.62	1061
	21	20	3.08	1.55	0.50	285	3.08	1.55	0.50	314	3.08	1.55	0.50	342	3.43	1.72	0.50	361	3.43	1.72	0.50	399	5.21	2.62	0.50	790	4.99	2.51	0.50	830	4.80	2.41	0.50	869	4.61	2.32	0.50	909	4.35	2.19	0.50	968	3.99	2.01	0.50	1028	3.69	1.86	0.50	1067	3.07	1.54	0.50	1107
	22	18	2.93	1.95	0.66	245	2.93	1.95	0.66	274	2.93	1.95	0.66	302	3.26	2.16	0.66	321	3.26	2.16	0.66	359	4.96	3.29	0.66	757	4.74	3.15	0.66	796	4.56	3.03	0.66	833	4.39	2.91	0.66	871	4.14	2.75	0.66	928	3.80	2.52	0.66	985	3.51	2.33	0.66	1023	2.92	1.94	0.66	1061
	22	20	3.08	1.68	0.54	285	3.08	1.68	0.54	314	3.08	1.68	0.54	342	3.43	1.86	0.54	361	3.43	1.86	0.54	399	5.21	2.83	0.54	790	4.99	2.71	0.54	830	4.80	2.61	0.54	869	4.61	2.51	0.54	909	4.35	2.36	0.54	968	3.99	2.17	0.54	1028	3.69	2.01	0.54	1067	3.07	1.67	0.54	1107
	22	22	3.27	1.38	0.42	324	3.27	1.38	0.42	353	3.27	1.38	0.42	381	3.63	1.54	0.42	400	3.63	1.54	0.42	438	5.52	2.34	0.42	822	5.29	2.24	0.42	864	5.08	2.15	0.42	904	4.89	2.07	0.42	945	4.61	1.95	0.42	1007	4.23	1.79	0.42	1069	3.92	1.66	0.42	1110	3.25	1.38	0.42	1152
	23	18	2.93	2.06	0.70	245	2.93	2.06	0.70	274	2.93	2.06	0.70	302	3.26	2.29	0.70	321	3.26	2.29	0.70	359	4.96	3.49	0.70	757	4.74	3.34	0.70	796	4.56	3.21	0.70	833	4.39	3.09	0.70	871	4.14	2.91	0.70	928	3.80	2.67	0.70	985	3.51	2.47	0.70	1023	2.92	2.05	0.70	1061
	23	20	3.08	1.80	0.58	285	3.08	1.80	0.58	314	3.08	1.80	0.58	342	3.43	2.00	0.58	361	3.43	2.00	0.58	399	5.21	3.04	0.58	790	4.99	2.91	0.58	830	4.80	2.80	0.58	869	4.61	2.69	0.58	909	4.35	2.54	0.58	968	3.99	2.33	0.58	1028	3.69	2.15	0.58	1067	3.07	1.79	0.58	1107
	23	22	3.27	1.51	0.46	324	3.27	1.51	0.46	353	3.27	1.51	0.46	381	3.63	1.68	0.46	400	3.63	1.68	0.46	438	5.52	2.56	0.46	822	5.29	2.45	0.46	864	5.08	2.36	0.46	904	4.89	2.26	0.46	945	4.61	2.14	0.46	1007	4.23	1.96	0.46	1069	3.92	1.81	0.46	1110	3.25	1.51	0.46	1152
	24	18	2.93	2.18	0.74	245	2.93	2.18	0.74	274	2.93	2.18	0.74	302	3.26	2.42	0.74	321	3.26	2.42	0.74	359	4.96	3.69	0.74	757	4.74	3.53	0.74	796	4.56	3.39	0.74	833	4.39	3.26	0.74	871	4.14	3.08	0.74	928	3.80	2.82	0.74	985	3.51	2.61	0.74	1023	2.92	2.17	0.74	1061
	24	20	3.08	1.92	0.62	285	3.08	1.92	0.62	314	3.08	1.92	0.62	342	3.43	2.14	0.62	361	3.43	2.14	0.62	399	5.21	3.25	0.62	790	4.99	3.11	0.62	830	4.80	2.99	0.62	869	4.61	2.87	0.62	909	4.35	2.71	0.62	968	3.99	2.49	0.62	1028	3.69	2.30	0.62	1067	3.07	1.91	0.62	1107
	24	22	3.27	1.65	0.50	324	3.27	1.65	0.50	353	3.27	1.65	0.50	381	3.63	1.83	0.50	400	3.63	1.83	0.50	438	5.52	2.78	0.50	822	5.29	2.66	0.50	864	5.08	2.56	0.50	904	4.89	2.46	0.50	945	4.61	2.32	0.50	1007	4.23	2.13	0.50	1069	3.92	1.97	0.50	1110	3.25	1.64	0.50	1152
	24	24	3.47	1.33	0.38	364	3.47	1.33	0.38	393	3.47	1.33	0.38	421	3.85	1.48	0.38	440	3.85	1.48	0.38	478	5.86	2.24	0.38	854	5.60	2.15	0.38	898	5.39	2.07	0.38	940	5.18	1.99	0.38	983	4.89	1.87	0.38	1047	4.49	1.72	0.38	1111	4.15	1.59	0.38	1154	3.44	1.32	0.38	1198
	25	18	2.93	2.30	0.78	245	2.93	2.30	0.78	274	2.93	2.30	0.78	302	3.26	2.55	0.78	321	3.26	2.55	0.78	359	4.96	3.88	0.78	757	4.74	3.72	0.78	796	4.56	3.57	0.78	833	4.39	3.44	0.78	871	4.14	3.24	0.78	928	3.80	2.98	0.78	985	3.51	2.75	0.78	1023	2.92	2.29	0.78	1061
	25	20	3.08	2.05	0.66	285	3.08	2.05	0.66	314	3.08	2.05	0.66	342	3.43	2.27	0.66	361	3.43	2.27	0.66	399	5.21	3.46	0.66	790	4.99	3.31	0.66	830	4.80	3.18	0.66	869	4.61	3.06	0.66	909	4.35	2.89	0.66	968	3.99	2.65	0.66	1028	3.69	2.45	0.66	1067	3.07	2.03	0.66	1107
	25	22	3.27	1.78	0.54	324	3.27	1.78	0.54	353	3.27	1.78	0.54	381	3.63	1.97	0.54	400	3.63	1.97	0.54	438	5.52	3.00	0.54	822	5.29	2.87	0.54	864	5.08	2.76	0.54	904	4.89	2.66	0.54	945	4.61	2.51	0.54	1007	4.23	2.30	0.54	1069	3.92	2.13	0.54	1110	3.25	1.77	0.54	1152
	25	24	3.47	1.47	0.42	364	3.47	1.47	0.42	393	3.47	1.47	0.42	421	3.85	1.63	0.42	440	3.85	1.63	0.42	478	5.86	2.48	0.42	854	5.60	2.37	0.42	898	5.39	2.28	0.42	940	5.18	2.19	0.42	983	4.89	2.07	0.42	1047	4.49	1.90	0.42	1111	4.15	1.76	0.42	1154	3.44	1.46	0.42	1198
	26	18	2.93	2.42	0.82	245	2.93	2.42	0.82	274	2.93	2.42	0.82	302	3.26	2.68	0.82	321	3.26	2.68	0.82	359	4.96	4.08	0.82	757	4.74	3.91	0.82	796	4.56	3.76	0.82	833	4.39	3.61	0.82	871	4.14	3.41	0.82	928	3.80	3.13	0.82	985	3.51	2.89	0.82	1023	2.92	2.40	0.82	1061
	26	20	3.08	2.17	0.70	285	3.08	2.17	0.70	314	3.08	2.17	0.70	342	3.43	2.41	0.70	361	3.43	2.41	0.70	399	5.21	3.67	0.70	790	4.99	3.51	0.70	830	4.80	3.37	0.70	869	4.61	3.24	0.70	909	4.35	3.06	0.70	968	3.99	2.81	0.70	1028	3.69	2.60	0.70	1067	3.07	2.16	0.70	1107
	26	22	3.27	1.91	0.58	324	3.27	1.91	0.58	353	3.27	1.91	0.58	381	3.63	2.12	0.58	400	3.63	2.12	0.58	438	5.52	3.22	0.58	822	5.29	3.08	0.58	864	5.08	2.97	0.58	904	4.89	2.85	0.58	945	4.61	2.69	0.58	1007	4.23	2.47	0.58	1069	3.92	2.28	0.58	1110	3.25	1.90	0.58	1152
	26	24	3.47	1.61	0.46	364	3.47	1.61	0.46	393	3.47	1.61	0.46	421	3.85	1.78	0.46	440	3.85	1.78	0.46	478	5.86	2.71	0.46	854	5.60	2.60	0.46	898	5.39	2.50	0.46	940	5.18	2.40	0.46	983	4.89	2.26	0.46	1047	4.49	2.08	0.46	1111	4.15	1.92	0.46	1154	3.44	1.60	0.46	1198
	26	26	3.64	1.25	0.34	404	3.64	1.25	0.34	433	3.64	1.25	0.34	461	4.04	1.39	0.34	480	4.04	1.39	0.34	518	6.15	2.11	0.34	887	5.88	2.02	0.34	933	5.66	1.94	0.34	975	5.44	1.87	0.34	1020	5.13	1.76	0.34	1087	4.71	1.62	0.34	1154	4.36	1.50	0.34	1198	3.62	1.24	0.34	1243
	27	18	2.93	2.53	0.86	245	2.93	2.53	0.86	274	2.93	2.53	0.86	302	3.26	2.81	0.86	321	3.26	2.81	0.86	359	4.96	4.28	0.86	757	4.74	4.10	0.86	796	4.56	3.94	0.86	833	4.39	3.79	0.86	871	4.14	3.57	0.86	928	3.80	3.28	0.86	985	3.51	3.03	0.86	1023	2.92	2.52	0.86	1061
	27	19	2.99	2.41	0.80	265	2.99	2.41	0.80	294	2.99	2.41	0.80	322	3.33	2.67	0.80	341	3.33	2.67	0.80	379	5.06	4.06	0.80	773	4.84	3.89	0.80	813	4.66	3.74	0.80	851	4.48	3.60	0.80	890	4.22	3.39	0.80	948	3.88	3.11	0.80	1006	3.59	2.88	0.80	1045	2.98	2.39	0.80	1084
	27	20	3.08	2.29	0.74	285	3.08	2.29	0.74	314	3.08	2.29	0.74	342	3.43	2.55	0.74	361	3.43	2.55	0.74	399	5.21	3.87	0.74	790	4.99	3.71	0.74	830	4.80	3.56	0.74	869	4.61	3.43	0.74	909	4.35	3.23	0.74	968	3.99	2.97	0.74	1028	3.69	2.75	0.74	1067	3.07	2.28	0.74	1107
	27	22	3.27	2.04	0.62	324	3.27	2.04	0.62	353	3.27	2.04	0.62	381	3.63	2.26	0.62	400	3.63	2.26	0.62	438	5.52	3.44	0.62	822	5.29	3.30	0.62	864	5.08	3.17	0.62	904	4.89	3.05	0.62	945	4.61	2.87	0.62	1007	4.23	2.64	0.62	1069	3.92	2.44	0.62	1110	3.25	2.03	0.62	1152
	27	24	3.47	1.74	0.50	364	3.47	1.74	0.50	393	3.47	1.74	0.50	421	3.85	1.94	0.50	440	3.85	1.94	0.50	478	5.86	2.95	0.50	854	5.60	2.82	0.50	898	5.39	2.71	0.50	940	5.18	2.61	0.50	983	4.89	2.46	0.50	1047	4.49	2.26	0.50	1111	4.15	2.09	0.50	1154	3.44	1.73	0.50	1198
	27	26	3.64	1.39	0.38	404	3.64	1.39	0.38	433	3.64	1.39	0.38	461	4.04	1.55	0.38	480	4.04	1.55	0.38	518	6.15	2.36	0.38	887	5.88	2.26	0.38	933	5.66	2.17	0.38	975	5.44	2.09	0.38	1020	5.13	1.97	0.38	1087	4.71	1.81	0.38	1154	4.36	1.67	0.38	1198	3.62	1.39	0.38	1243
	28	18	2.93	2.65	0.90	245	2.93	2.65	0.90	274	2.93	2.65	0.90	302	3.26	2.94	0.90	321	3.26	2.94	0.90	359	4.96	4.48	0.90	757	4.74	4.29	0.90	796	4.56	4.12	0.90	833	4.39	3.96	0.90	871	4.14	3.74	0.90	928	3.80	3.43	0.90	985	3.51	3.17	0.90	1023	2.92	2.64	0.90	1061
	28	20	3.08	2.42	0.78	285	3.08	2.42	0.78	314	3.08	2.42	0.78	342	3.43	2.68	0.78	361	3.43	2.68	0.78	399	5.21	4.08	0.78	790	4.99	3.91	0.78	830	4.80	3.76	0.78	869	4.61	3.61	0.78	909	4.35	3.41	0.78	968	3.99	3.13	0.78	1028	3.69	2.89	0.78	1067	3.07	2.40	0.78	1107
	28	22	3.27	2.17	0.66	324	3.27	2.17	0.66	353	3.27	2.17	0.66	381	3.63	2.41	0.66	400	3.63	2.41	0.66	438	5.52	3.66	0.66	822	5.29	3.51	0.66	864	5.08	3.37	0.66	904	4.89	3.24	0.66	945	4.61	3.06	0.66	1007	4.23	2.81	0.66	1069	3.92	2.60	0.66	1110	3.25	2.16	0.66	1152
	28	24	3.47	1.88	0.54	364	3.47	1.88	0.54	393	3.47	1.88	0.54	421	3.85	2.09	0.54	440	3.85	2.09	0.54	478	5.86	3.18	0.54	854	5.60	3.04	0.54	898	5.39	2.93	0.54	940	5.18	2.82	0.54	983	4.89	2.66	0.54	1047	4.49	2.44	0.54	1111	4.15	2.26	0.54	1154	3.44	1.87	0.54	1198
	28	26	3.64	1.54	0.42	404	3.64	1.54	0.42	433	3.64	1.54	0.42	461	4.04	1.71	0.42	480	4.04	1.71	0.42	518	6.15	2.60	0.42	887	5.88	2.49	0.42	933	5.66	2.40	0.42	975	5.44	2.30	0.42	1020	5.13	2.17	0.42	1087	4.71	1.99	0.42	1154	4.36	1.84	0.42	1198	3.62	1.53	0.42	1243
	29	18	2.93	2.71	0.92	245	2.93	2.71	0.92	274	2.93	2.71	0.92	302	3.26	3.01	0.92	321	3.26	3.01	0.92	359	4.96	4.58	0.92	757	4.74	4.38	0.92	796	4.56	4.21	0.92	833	4.39	4.05	0.92	871	4.14	3.82	0.92	928	3.80	3.51	0.92	985	3.51	3.25	0.92	1023	2.92	2.69	0.92	1061
	29	20	3.08	2.54	0.82	285	3.08	2.54	0.82	314	3.08	2.54	0.82	342	3.43	2.82	0.82	361	3.43	2.82	0.82	399	5.21	4.29	0.82	790	4.99	4.11	0.82	830	4.80	3.95	0.82	869	4.61	3.80	0.82	909	4.35	3.58	0.82	968	3.99	3.29	0.82	1028	3.69	3.04	0.82	1067	3.07	2.52	0.82	1107
	29	22	3.27	2.30	0.70	324	3.27	2.30	0.70	353	3.27	2.30	0.70	381	3.63	2.55	0.70	400	3.63	2.55	0.70	438	5.52	3.89	0.70	822	5.29	3.72	0.70	864	5.08	3.58	0.70	904	4.89	3.44	0.70	945	4.61	3.24	0.70	1007	4.23	2.98	0.70	1069	3.92	2.75	0.70	1110	3.25	2.29	0.70	1152
	29	24	3.47	2.02	0.58	364	3.47	2.02	0.58	393	3.47	2.02	0.58	421	3.85	2.25	0.58	440	3.85	2.25	0.58	478	5.86	3.42	0.58	854	5.60	3.27	0.58	898	5.39	3.14	0.58	940	5.18	3.02	0.58	983	4.89	2.85	0.58	1047	4.49	2.62	0.58	1111	4.15	2.42	0.58	1154	3.44	2.01	0.58	1198
	29	26	3.64	1.69	0.46	404	3.64	1.69	0.46	433	3.64	1.69	0.46	461	4.04	1.87	0.46	480	4.04	1.87	0.46	518	6.15	2.85	0.46	887	5.88	2.73	0.46	933	5.66	2.62	0.46	975	5.44	2.52	0.46	1020	5.13	2.38	0.46	1087	4.71	2.18	0.46	1154	4.36	2.02	0.46	1198	3.62	1.68	0.46	1243
	30	18	2.93	2.71	0.92	245	2.93	2.71	0.92	274	2.93	2.71	0.92	302	3.26	3.01	0.92	321	3.26	3.01	0.92	359	4.96	4.58	0.92	757	4.74	4.38	0.92	796	4.56	4.21	0.92	833	4.39	4.05	0.92	871	4.14	3.82	0.92	928	3.80	3.51	0.92	985	3.51	3.25	0.92	1023	2.92	2.69	0.92	1061
	30	20	3.08	2.66	0.86	285	3.08	2.66	0.86	314	3.08	2.66	0.86	342	3.43	2.96	0.86	361	3.43	2.96	0.86	399	5.21	4.50	0.86	790	4.99	4.31	0.86	830	4.80	4.14	0.86	869	4.61	3.98	0.86	909	4.35	3.76	0.86	968	3.99	3.45	0.86	1028	3.69	3.19	0.86	1067	3.07	2.65	0.86	1107
	30	22	3.27	2.43	0.74	324	3.27	2.43	0.74	353	3.27	2.43	0.74	381	3.63	2.70	0.74	400	3.63	2.70	0.74	438	5.52	4.11	0.74	822	5.29	3.93	0.74	864	5.08	3.78	0.74	904	4.89	3.63	0.74	945	4.61	3.43	0.74	1007	4.23	3.15	0.74	1069	3.92	2.91	0.74	1110	3.25	2.42	0.74	1152
	30	24	3.47	2.16	0.62	364	3.47	2.16	0.62	393	3.47	2.16	0.62	421	3.85	2.40	0.62	440	3.85	2.40	0.62	478	5.86	3.65	0.62	854	5.60	3.49	0.62	898	5.39	3.36	0.62	940	5.18	3.23	0.62	983	4.89	3.05	0.62	1047	4.49	2.80	0.62	1111	4.15	2.59	0.62	1154	3.44	2.15	0.62	1198
	30	26	3.64	1.83	0.50	404	3.64	1.83	0.50	433	3.64	1.83	0.50	461	4.04	2.03	0.50	480	4.04	2.03	0.50	518	6.15	3.10	0.50	887	5.88	2.96	0.50	933	5.66	2.85	0.50	975	5.44	2.74	0.50	1020	5.13	2.58	0.50	1087	4.71	2.37	0.50	1154	4.36	2.19	0.50	1198	3.62	1.82	0.50	1243
	31	18	2.93	2.71	0.92	245	2.93	2.71	0.92	274	2.93	2.71	0.92	302	3.26	3.01	0.92	321	3.26	3.01	0.92	359	4.96	4.58	0.92	757	4.74	4.38	0.92	796	4.56	4.21	0.92	833	4.39	4.05	0.92	871	4.14	3.82	0.92	928	3.80	3.51	0.92	985	3.51	3.25	0.92	1023	2.92	2.69	0.92	1061
	31	20	3.08	2.79	0.90	285	3.08	2.79	0.90	314	3.08	2.79	0.90	342	3.43	3.09	0.90	361	3.43	3.09	0.90	399	5.21	4.71	0.90	790	4.99	4.51	0.90	830	4.80	4.33	0.90	869	4.61	4.17	0.90	909	4.35	3.93	0.90	968	3.99	3.61	0.90	1028	3.69	3.34	0.90	1067	3.07	2.77	0.90	1107
	31	22	3.27	2.56	0.78	324	3.27	2.56	0.78	353	3.27	2.56	0.78	381	3.63	2.84	0.78	400	3.63	2.84	0.78	438	5.52	4.33	0.78	822	5.29	4.14	0.78	864	5.08	3.98	0.78	904	4.89	3.83	0.78	945	4.61	3.61	0.78	1007	4.23	3.32	0.78	1069	3.92	3.07	0.78	1110	3.25	2.55	0.78	1152
	31	24	3.47	2.30	0.66	364	3.47	2.30	0.66	393	3.47	2.30	0.66	421	3.85	2.55	0.66	440	3.85	2.55	0.66	478	5.86	3.88	0.66	854	5.60	3.72	0.66	898	5.39	3.57	0.66	940	5.18	3.44	0.66	983	4.89	3.24	0.66	1047	4.49	2.98	0.66	1111	4.15	2.75	0.66	1154	3.44	2.29	0.66	1198
	31	26	3.64	1.98	0.54	404	3.64	1.98	0.54	433	3.64	1.98	0.54	461	4.04	2.20	0.54	480	4.04	2.20	0.54	518	6.15	3.34	0.54	887	5.88	3.20	0.54	933	5.66	3.07	0.54	975	5.44	2.96	0.54	1020	5.13	2.79	0.54	1087	4.71	2.56	0.54	1154	4.36	2.37	0.54	1198	3.62	1.97	0.54	1243
	32	18	2.93	2.71	0.92	245	2.93	2.71	0.92	274	2.93	2.71	0.92	302	3.26	3.01	0.92	321	3.26	3.01	0.92	359	4.96	4.58	0.92	757	4.74	4.38	0.92	796	4.56	4.21	0.92	833	4.39	4.05	0.92	871	4.14	3.82	0.92	928	3.80	3.51	0.92	985	3.51	3.25	0.92	1023	2.92	2.69	0.92	1061
	32	20	3.08	2.85	0.92	285	3.08	2.85	0.92	314	3.08	2.85	0.92	342	3.43	3.16	0.92	361	3.43	3.16	0.92	399	5.21	4.81	0.92	790	4.99	4.60	0.92	830	4.80	4.43	0.92	869	4.61	4.26	0.92	909	4.35	4.02	0.92	968	3.99	3.69	0.92	1028	3.69	3.41	0.92	1067	3.07	2.83	0.92	1107
	32	22	3.27	2.69	0.82	324	3.27	2.69	0.82	353	3.27	2.69	0.82	381	3.63	2.99	0.82	400	3.63	2.99	0.82	438	5.52	4.55	0.82	822	5.29	4.35	0.82	864	5.08	4.19	0.82	904	4.89	4.02	0.82	945	4.61	3.80	0.82	1007	4.23	3.49	0.82	1069	3.92	3.22	0.82	1110	3.25	2.68	0.82	1152
	32	24	3.47	2.44	0.70	364	3.47	2.44	0.70	393	3.47	2.44	0.70	421	3.85	2.71	0.70	440	3.85	2.71	0.70	478	5.86	4.12	0.70	854	5.60	3.94	0.70	898	5.39	3.79	0.70	940	5.18	3.64	0.70	983	4.89	3.44	0.70	1047	4.49	3.16	0.70	1111	4.15	2.92	0.70	1154	3.44	2.42	0.70	1198
	32	26	3.64	2.12	0.58	404	3.64	2.12	0.58	433	3.64	2.12	0.58	461	4.04	2.36	0.58	480	4.04	2.36	0.58	518	6.15	3.59	0.58	887	5.88	3.43	0.58	933	5.66	3.30	0.58	975	5.44	3.17	0.58	1020	5.13	2.99	0.58	1087	4.71	2.75	0.58	1154	4.36	2.54	0.58	1198	3.62	2.11	0.58	1243

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

	Cooling Operation PERFORMANCE DATA																																																					
	OUTDOOR DB (°C)																																																					
COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
100%	21	18	2.85	1.71	0.60	238	2.85	1.71	0.60	265	2.85	1.71	0.60	293	3.16	1.90	0.60	311	3.16	1.90	0.60	348	4.81	2.89	0.60	735	4.61	2.76	0.60	772	4.43	2.66	0.60	808	4.26	2.56	0.60	845	4.02	2.41	0.60	900	3.69	2.21	0.60	956	3.41	2.05	0.60	992	2.83	1.70	0.60	1030
	21	20	2.99	1.44	0.48	278	2.99	1.44	0.48	305	2.99	1.44	0.48	333	3.33	1.60	0.48	351	3.33	1.60	0.48	388	5.06	2.43	0.48	767	4.84	2.32	0.48	807	4.66	2.23	0.48	844	4.48	2.15	0.48	883	4.22	2.03	0.48	940	3.88	1.86	0.48	998	3.59	1.72	0.48	1036	2.98	1.43	0.48	1076
	22	18	2.85	1.82	0.64	238	2.85	1.82	0.64	265	2.85	1.82	0.64	293	3.16	2.03	0.64	311	3.16	2.03	0.64	348	4.81	3.08	0.64	735	4.61	2.95	0.64	772	4.43	2.83	0.64	808	4.26	2.73	0.64	845	4.02	2.57	0.64	900	3.69	2.36	0.64	956	3.41	2.18	0.64	992	2.83	1.81	0.64	1030
	22	20	2.99	1.56	0.52	278	2.99	1.56	0.52	305	2.99	1.56	0.52	333	3.33	1.73	0.52	351	3.33	1.73	0.52	388	5.06	2.63	0.52	767	4.84	2.52	0.52	807	4.66	2.42	0.52	844	4.48	2.33	0.52	883	4.22	2.20	0.52	940	3.88	2.02	0.52	998	3.59	1.86	0.52	1036	2.98	1.55	0.52	1076
	22	22	3.17	1.27	0.40	317	3.17	1.27	0.40	344	3.17	1.27	0.40	372	3.53	1.41	0.40	390	3.53	1.41	0.40	427	5.36	2.15	0.40	799	5.13	2.05	0.40	840	4.93	1.97	0.40	879	4.74	1.90	0.40	919	4.48	1.79	0.40	979	4.11	1.64	0.40	1040	3.80	1.52	0.40	1079	3.15	1.26	0.40	1120
	23	18	2.85	1.94	0.68	238	2.85	1.94	0.68	265	2.85	1.94	0.68	293	3.16	2.15	0.68	311	3.16	2.15	0.68	348	4.81	3.27	0.68	735	4.61	3.13	0.68	772	4.43	3.01	0.68	808	4.26	2.90	0.68	845	4.02	2.73	0.68	900	3.69	2.51	0.68	956	3.41	2.32	0.68	992	2.83	1.93	0.68	1030
	23	20	2.99	1.68	0.56	278	2.99	1.68	0.56	305	2.99	1.68	0.56	333	3.33	1.86	0.56	351	3.33	1.86	0.56	388	5.06	2.83	0.56	767	4.84	2.71	0.56	807	4.66	2.61	0.56	844	4.48	2.51	0.56	883	4.22	2.36	0.56	940	3.88	2.17	0.56	998	3.59	2.01	0.56	1036	2.98	1.67	0.56	1076
	23	22	3.17	1.40	0.44	317	3.17	1.40	0.44	344	3.17	1.40	0.44	372	3.53	1.55	0.44	390	3.53	1.55	0.44	427	5.36	2.36	0.44	799	5.13	2.26	0.44	840	4.93	2.17	0.44	879	4.74	2.09	0.44	919	4.48	1.97	0.44	979	4.11	1.81	0.44	1040	3.80	1.67	0.44	1079	3.15	1.39	0.44	1120
	24	18	2.85	2.05	0.72	238	2.85	2.05	0.72	265	2.85	2.05	0.72	293	3.16	2.28	0.72	311	3.16	2.28	0.72	348	4.81	3.47	0.72	735	4.61	3.32	0.72	772	4.43	3.19	0.72	808	4.26	3.07	0.72	845	4.02	2.89	0.72	900	3.69	2.66	0.72	956	3.41	2.46	0.72	992	2.83	2.04	0.72	1030
	24	20	2.99	1.80	0.60	278	2.99	1.80	0.60	305	2.99	1.80	0.60	333	3.33	2.00	0.60	351	3.33	2.00	0.60	388	5.06	3.04	0.60	767	4.84	2.90	0.60	807	4.66	2.79	0.60	844	4.48	2.69	0.60	883	4.22	2.53	0.60	940	3.88	2.33	0.60	998	3.59	2.15	0.60	1036	2.98	1.79	0.60	1076
	24	22	3.17	1.52	0.48	317	3.17	1.52	0.48	344	3.17	1.52	0.48	372	3.53	1.69	0.48	390	3.53	1.69	0.48	427	5.36	2.57	0.48	799	5.13	2.46	0.48	840	4.93	2.37	0.48	879	4.74	2.28	0.48	919	4.48	2.15	0.48	979	4.11	1.97	0.48	1040	3.80	1.82	0.48	1079	3.15	1.51	0.48	1120
	24	24	3.36	1.21	0.36	357	3.36	1.21	0.36	384	3.36	1.21	0.36	412	3.74	1.35	0.36	430	3.74	1.35	0.36	467	5.68	2.05	0.36	832	5.44	1.96	0.36	874	5.23	1.88	0.36	915	5.03	1.81	0.36	957	4.74	1.71	0.36	1019	4.36	1.57	0.36	1082	4.03	1.45	0.36	1123	3.34	1.20	0.36	1166
	25	18	2.85	2.17	0.76	238	2.85	2.17	0.76	265	2.85	2.17	0.76	293	3.16	2.40	0.76	311	3.16	2.40	0.76	348	4.81	3.66	0.76	735	4.61	3.50	0.76	772	4.43	3.37	0.76	808	4.26	3.24	0.76	845	4.02	3.05	0.76	900	3.69	2.80	0.76	956	3.41	2.59	0.76	992	2.83	2.15	0.76	1030
	25	20	2.99	1.92	0.64	278	2.99	1.92	0.64	305	2.99	1.92	0.64	333	3.33	2.13	0.64	351	3.33	2.13	0.64	388	5.06	3.24	0.64	767	4.84	3.10	0.64	807	4.66	2.98	0.64	844	4.48	2.86	0.64	883	4.22	2.70	0.64	940	3.88	2.48	0.64	998	3.59	2.30	0.64	1036	2.98	1.90	0.64	1076
	25	22	3.17	1.65	0.52	317	3.17	1.65	0.52	344	3.17	1.65	0.52	372	3.53	1.83	0.52	390	3.53	1.83	0.52	427	5.36	2.79	0.52	799	5.13	2.67	0.52	840	4.93	2.57	0.52	879	4.74	2.47	0.52	919	4.48	2.33	0.52	979	4.11	2.14	0.52	1040	3.80	1.98	0.52	1079	3.15	1.64	0.52	1120
	25	24	3.36	1.35	0.40	357	3.36	1.35	0.40	384	3.36	1.35	0.40	412	3.74	1.49	0.40	430	3.74	1.49	0.40	467	5.68	2.27	0.40	832	5.44	2.18	0.40	874	5.23	2.09	0.40	915	5.03	2.01	0.40	957	4.74	1.90	0.40	1019	4.36	1.74	0.40	1082	4.03	1.61	0.40	1123	3.34	1.34	0.40	1166
	26	18	2.85	2.28	0.80	238	2.85	2.28	0.80	265	2.85	2.28	0.80	293	3.16	2.53	0.80	311	3.16	2.53	0.80	348	4.81	3.85	0.80	735	4.61	3.69	0.80	772	4.43	3.54	0.80	808	4.26	3.41	0.80	845	4.02	3.21	0.80	900	3.69	2.95	0.80	956	3.41	2.73	0.80	992	2.83	2.27	0.80	1030
	26	20	2.99	2.04	0.68	278	2.99	2.04	0.68	305	2.99	2.04	0.68	333	3.33	2.26	0.68	351	3.33	2.26	0.68	388	5.06	3.44	0.68	767	4.84	3.29	0.68	807	4.66	3.17	0.68	844	4.48	3.04	0.68	883	4.22	2.87	0.68	940	3.88	2.64	0.68	998	3.59	2.44	0.68	1036	2.98	2.02	0.68	1076
	26	22	3.17	1.78	0.56	317	3.17	1.78	0.56	344	3.17	1.78	0.56	372	3.53	1.97	0.56	390	3.53	1.97	0.56	427	5.36	3.00	0.56	799	5.13	2.87	0.56	840	4.93	2.76	0.56	879	4.74	2.66	0.56	919	4.48	2.51	0.56	979	4.11	2.30	0.56	1040	3.80	2.13	0.56	1079	3.15	1.77	0.56	1120
	26	24	3.36	1.48	0.44	357	3.36	1.48	0.44	384	3.36	1.48	0.44	412	3.74	1.64	0.44	430	3.74	1.64	0.44	467	5.68	2.50	0.44	832	5.44	2.39	0.44	874	5.23	2.30	0.44	915	5.03	2.21	0.44	957	4.74	2.09	0.44	1019	4.36	1.92	0.44	1082	4.03	1.77	0.44	1123	3.34	1.47	0.44	1166
	26	26	3.53	1.13	0.32	397	3.53	1.13	0.32	424	3.53	1.13	0.32	452	3.92	1.26	0.32	470	3.92	1.26	0.32	507	5.97	1.91	0.32	864	5.71	1.83	0.32	909	5.49	1.76	0.32	951	5.28	1.69	0.32	994	4.98	1.59	0.32	1059	4.57	1.46	0.32	1125	4.23	1.35	0.32	1167	3.51	1.12	0.32	1212
	27	18	2.85	2.39	0.84	238	2.85	2.39	0.84	265	2.85	2.39	0.84	293	3.16	2.66	0.84	311	3.16	2.66	0.84	348	4.81	4.04	0.84	735	4.61	3.87	0.84	772	4.43	3.72	0.84	808	4.26	3.58	0.84	845	4.02	3.38	0.84	900	3.69	3.10	0.84	956	3.41	2.87	0.84	992	2.83	2.38	0.84	1030
	27	19	2.91	2.27	0.78	258	2.91	2.27	0.78	285	2.91	2.27	0.78	313	3.23	2.52	0.78	331	3.23	2.52	0.78	368	4.91	3.83	0.78	751	4.70	3.67	0.78	790	4.52	3.53	0.78	826	4.35	3.39	0.78	864	4.10	3.20	0.78	920	3.76	2.94	0.78	977	3.48	2.72	0.78	1014	2.89	2.25	0.78	1053
	27	20	2.99	2.16	0.72	278	2.99	2.16	0.72	305	2.99	2.16	0.72	333	3.33	2.39	0.72	351	3.33	2.39	0.72	388	5.06	3.64	0.72	767	4.84	3.49	0.72	807	4.66	3.35	0.72	844	4.48	3.22	0.72	883	4.22	3.04	0.72	940	3.88	2.79	0.72	998	3.59	2.58	0.72	1036	2.98	2.14	0.72	1076
	27	22	3.17	1.90	0.60	317	3.17	1.90	0.60	344	3.17	1.90	0.60	372	3.53	2.12	0.60	390	3.53	2.12	0.60	427	5.36	3.22	0.60	799	5.13	3.08	0.60	840	4.93	2.96	0.60	879	4.74	2.85	0.60	919	4.48	2.69	0.60	979	4.11	2.47	0.60	1040	3.80	2.28	0.60	1079	3.15	1.89	0.60	1120
	27	24	3.36	1.61	0.48	357	3.36	1.61	0.48	384	3.36	1.61	0.48	412	3.74	1.79	0.48	430	3.74	1.79	0.48	467	5.68	2.73	0.48	832	5.44	2.61	0.48	874	5.23	2.51	0.48	915	5.03	2.41	0.48	957	4.74	2.28	0.48	1019	4.36	2.09	0.48	1082	4.03	1.93	0.48	1123	3.34	1.61	0.48	1166
	27	26	3.53	1.27	0.36	397	3.53	1.27	0.36	424	3.53	1.27	0.36	452	3.92	1.41	0.36	470	3.92	1.41	0.36	507	5.97	2.15	0.36	864	5.71	2.06	0.36	909	5.49	1.98	0.36	951	5.28	1.90	0.36	994	4.98	1.79	0.36	1059	4.57	1.65	0.36	1125	4.23	1.52	0.36	1167	3.51	1.26	0.36	1212
	28	18	2.85	2.51	0.88	238	2.85	2.51	0.88	265	2.85	2.51	0.88	293	3.16	2.78	0.88	311	3.16	2.78	0.88	348	4.81	4.24	0.88	735	4.61	4.05	0.88	772	4.43	3.90	0.88	808	4.26	3.75	0.88	845	4.02	3.54	0.88	900	3.69	3.25	0.88	956	3.41	3.00	0.88	992	2.83	2.49	0.88	1030
	28	20	2.99	2.28	0.76	278	2.99	2.28	0.76	305	2.99	2.28	0.76	333	3.33	2.53	0.76	351	3.33	2.53	0.76	388	5.06	3.85	0.76	767	4.84	3.68	0.76	807	4.66	3.54	0.76	844	4.48	3.40	0.76	883	4.22	3.21	0.76	940	3.88	2.95	0.76	998	3.59	2.73	0.76	1036	2.98	2.26	0.76	1076
	28	22	3.17	2.03	0.64	317	3.17	2.03	0.64	344	3.17	2.03	0.64	372	3.53	2.26	0.64	390	3.53	2.26	0.64	427	5.36	3.43	0.64	799	5.13	3.28	0.64	840	4.93	3.16	0.64	879	4.74	3.04	0.64	919	4.48	2.86	0.64	979	4.11	2.63	0.64	1040	3.80	2.43	0.64	1079	3.15	2.02	0.64	1120
	28	24	3.36	1.75	0.52	357	3.36	1.75	0.52	384	3.36	1.75	0.52	412	3.74	1.94	0.52	430	3.74	1.94	0.52	467	5.68	2.96	0.52	832	5.44	2.83	0.52	874	5.23	2.72	0.52	915	5.03	2.62	0.52	957	4.74	2.47	0.52	1019	4.36	2.27	0.52	1082	4.03	2.10	0.52	1123	3.34	1.74	0.52	1166
	28	26	3.53	1.41	0.40	397	3.53	1.41	0.40	424	3.53	1.41	0.40	452	3.92	1.57	0.40	470	3.92	1.57	0.40	507	5.97	2.39	0.40	864	5.71	2.28	0.40	909	5.49	2.20	0.40	951	5.28	2.11	0.40	994	4.98	1.99	0.40	1059	4.57	1.83	0.40	1125	4.23	1.69	0.40	1167	3.51	1.40	0.40	1212
	29	18	2.85	2.56	0.90	238	2.85	2.56	0.90	265	2.85	2.56	0.90	293	3.16	2.85	0.90	311	3.16	2.85	0.90	348	4.81	4.33	0.90	735	4.61	4.15	0.90	772	4.43	3.99	0.90	808	4.26	3.83	0.90	845	4.02	3.62	0.90	900	3.69	3.32	0.90	956	3.41	3.07	0.90	992	2.83	2.55	0.90	1030
	29	20	2.99	2.40	0.80	278	2.99	2.40	0.80	305	2.99	2.40	0.80	333	3.33	2.66	0.80	351	3.33	2.66	0.80	388	5.06	4.05	0.80	767	4.84	3.87	0.80	807	4.66	3.72	0.80	844	4.48	3.58	0.80	883	4.22	3.38	0.80	940	3.88	3.10	0.80	998	3.59	2.87	0.80	1036	2.98	2.38	0.80	1076
	29	22	3.17	2.16	0.68	317	3.17	2.16	0.68	344	3.17	2.16	0.68	372	3.53	2.40	0.68	390	3.53	2.40	0.68	427	5.36	3.65	0.68	799	5.13	3.49	0.68	840	4.93	3.36	0.68	879	4.74	3.23	0.68	919	4.48	3.04	0.68	979	4.11	2.79	0.68	1040	3.80	2.58	0.68	1079	3.15	2.15	0.68	1120
	29	24	3.36	1.88	0.56	357	3.36	1.88	0.56	384	3.36	1.88	0.56	412	3.74	2.09	0.56	430	3.74	2.09	0.56	467	5.68	3.18	0.56	832	5.44	3.05	0.56	874	5.23	2.93	0.56	915	5.03	2.82	0.56	957	4.74	2.66	0.56	1019	4.36	2.44	0.56	1082	4.03	2.26	0.56	1123	3.34	1.87	0.56	1166
	29	26	3.53	1.55	0.44	397	3.53	1.55	0.44	424	3.53	1.55	0.44	452	3.92	1.73	0.44	470	3.92	1.73	0.44	507	5.97	2.63	0.44	864	5.71	2.51	0.44	909	5.49	2.42	0.44	951	5.28	2.32	0.44	994	4.98	2.19	0.44	1059	4.57	2.01	0.44	1125	4.23	1.86	0.44	1167	3.51	1.55	0.44	1212
	30	18	2.85	2.56	0.90	238	2.85	2.56	0.90	265	2.85	2.56	0.90	293	3.16	2.85	0.90	311	3.16	2.85	0.90	348	4.81	4.33	0.90	735	4.61	4.15	0.90	772	4.43	3.99	0.90	808	4.26	3.83	0.90	845	4.02	3.62	0.90	900	3.69	3.32	0.90	956	3.41	3.07	0.90	992	2.83	2.55	0.90	1030
	30	20	2.99	2.52	0.84	278	2.99	2.52	0.84	305	2.99	2.52	0.84	333	3.33	2.79	0.84	351	3.33	2.79	0.84	388	5.06	4.25	0.84	767	4.84	4.07	0.84	807	4.66	3.91	0.84	844	4.48	3.76	0.84	883	4.22	3.55	0.84	940	3.88	3.26	0.84	998	3.59	3.01	0.84	1036	2.98	2.50	0.84	1076
	30	22	3.17	2.29	0.72	317	3.17	2.29	0.72	344	3.17	2.29	0.72	372	3.53	2.54	0.72	390	3.53	2.54	0.72	427	5.36	3.86	0.72	799	5.13	3.70	0.72	840	4.93	3.55	0.72	879	4.74	3.42	0.72	919	4.48	3.22	0.72	979	4.11	2.96	0.72	1040	3.80	2.74	0.72	1079	3.15	2.27	0.72	1120
	30	24	3.36	2.02	0.60	357	3.36	2.02	0.60	384	3.36	2.02	0.60	412	3.74	2.24	0.60	430	3.74	2.24	0.60	467	5.68	3.41	0.60	832	5.44	3.26	0.60	874	5.23	3.14	0.60	915	5.03	3.02	0.60	957	4.74	2.85	0.60	1019	4.36	2.61	0.60	1082	4.03	2.42	0.60	1123	3.34	2.01	0.60	1166
	30	26	3.53	1.70	0.48	397	3.53	1.70	0.48	424	3.53	1.70	0.48	452	3.92	1.88	0.48	470	3.92	1.88	0.48	507	5.97	2.87	0.48	864	5.71	2.74	0.48	909	5.49	2.64	0.48	951	5.28	2.53	0.48	994	4.98	2.39	0.48	1059	4.57	2.20	0.48	1125	4.23	2.03	0.48	1167	3.51	1.69	0.48	1212
	31	18	2.85	2.56	0.90	238	2.85	2.56	0.90	265	2.85	2.56	0.90	293	3.16	2.85	0.90	311	3.16	2.85	0.90	348	4.81	4.33	0.90	735	4.61	4.15	0.90	772	4.43	3.99	0.90	808	4.26	3.83	0.90	845	4.02	3.62	0.90	900	3.69	3.32	0.90	956	3.41	3.07	0.90	992	2.83	2.55	0.90	1030
	31	20	2.99	2.63	0.88	278	2.99	2.63	0.88	305	2.99	2.63	0.88	333	3.33	2.93	0.88	351	3.33	2.93	0.88	388	5.06	4.45	0.88	767	4.84	4.26	0.88	807	4.66	4.10	0.88	844	4.48	3.94	0.88	883	4.22	3.72	0.88	940	3.88	3.41	0.88	998	3.59	3.16	0.88	1036	2.98	2.62	0.88	1076
	31	22	3.17	2.41	0.76	317	3.17	2.41	0.76	344	3.17	2.41	0.76	372	3.53	2.68	0.76	390	3.53	2.68	0.76	427	5.36	4.08	0.76	799	5.13	3.90	0.76	840	4.93	3.75	0.76	879	4.74	3.61	0.76	919	4.48	3.40	0.76	979	4.11	3.12	0.76	1040	3.80	2.89	0.76	1079	3.15	2.40	0.76	1120
	31	24	3.36	2.15	0.64	357	3.36	2.15	0.64	384	3.36	2.15	0.64	412	3.74	2.39	0.64	430	3.74	2.39	0.64	467	5.68	3.64	0.64	832	5.44	3.48	0.64	874	5.23	3.35	0.64	915	5.03	3.22	0.64	957	4.74	3.04	0.64	1019	4.36	2.79	0.64	1082	4.03	2.58	0.64	1123	3.34	2.14	0.64	1166
	31	26	3.53	1.84	0.52	397	3.53	1.84	0.52	424	3.53	1.84	0.52	452	3.92	2.04	0.52	470	3.92	2.04	0.52	507	5.97	3.10	0.52	864	5.71	2.97	0.52	909	5.49	2.86	0.52	951	5.28	2.75	0.52	994	4.98	2.59	0.52	1059	4.57	2.38	0.52	1125	4.23	2.20	0.52	1167	3.51	1.83	0.52	1212
	32	18	2.85	2.56	0.90	238	2.85	2.56	0.90	265	2.85	2.56	0.90	293	3.16	2.85	0.90	311	3.16	2.85	0.90	348	4.81	4.33	0.90	735	4.61	4.15	0.90	772	4.43	3.99	0.90	808	4.26	3.83	0.90	845	4.02	3.62	0.90	900	3.69	3.32	0.90	956	3.41	3.07	0.90	992	2.83	2.55	0.90	1030
	32	20	2.99	2.69	0.90	278	2.99	2.69	0.90	305	2.99	2.69	0.90	333	3.33	2.99	0.90	351	3.33	2.99	0.90	388	5.06	4.55	0.90	767	4.84	4.36	0.90	807	4.66	4.19	0.90	844	4.48	4.03	0.90	883	4.22	3.80	0.90	940	3.88	3.49	0.90	998	3.59	3.23	0.90	1036	2.98	2.68	0.90	1076
	32	22	3.17	2.54	0.80	317	3.17	2.54	0.80	344	3.17	2.54	0.80	372	3.53	2.82	0.80	390	3.53	2.82	0.80	427	5.36	4.29	0.80	799	5.13	4.11	0.80	840	4.93	3.95	0.80	879	4.74	3.80	0.80	919	4.48	3.58	0.80	979	4.11	3.29	0.80	1040	3.80	3.04	0.80	1079	3.15	2.52	0.80	1120
	32	24	3.36	2.29	0.68	357	3.36	2.29	0.68	384	3.36	2.29	0.68	412	3.74	2.54	0.68	430	3.74	2.54	0.68	467	5.68	3.87	0.68	832	5.44	3.70	0.68	874	5.23	3.56	0.68	915	5.03	3.42	0.68	957	4.74	3.23	0.68	1019	4.36	2.96	0.68	1082	4.03	2.74	0.68	1123	3.34	2.27	0.68	1166
	32	26	3.53	1.98	0.56	397	3.53	1.98	0.56	424	3.53	1.98	0.56	452	3.92	2.20	0.56	470	3.92	2.20	0.56	507	5.97	3.34	0.56	864	5.71	3.20	0.56	909	5.49	3.08	0.56	951	5.28	2.96	0.56	994	4.98	2.79	0.56	1059	4.57	2.56	0.56	1125	4.23	2.37	0.56	1167	3.51	1.97	0.56	1212

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

			Cooling Operation PERFORMANCE DATA																																															
			OUTDOOR DB (°C)																																															
COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
90%	21	18	2.68	1.50	0.56	222	2.68	1.50	0.56	248	2.68	1.50	0.56	274	2.97	1.67	0.56	291	2.97	1.67	0.56	326	4.53	2.54	0.56	689	4.33	2.43	0.56	725	4.16	2.34	0.56	758	4.00	2.25	0.56	793	3.78	2.12	0.56	845	3.47	1.95	0.56	897	3.21	1.80	0.56	931	2.66	1.49	0.56	967
	21	20	2.81	1.24	0.44	262	2.81	1.24	0.44	288	2.81	1.24	0.44	314	3.13	1.38	0.44	331	3.13	1.38	0.44	366	4.76	2.10	0.44	722	4.55	2.01	0.44	759	4.38	1.93	0.44	794	4.21	1.86	0.44	831	3.97	1.75	0.44	885	3.64	1.61	0.44	940	3.37	1.49	0.44	975	2.80	1.23	0.44	1012
	22	18	2.68	1.61	0.60	222	2.68	1.61	0.60	248	2.68	1.61	0.60	274	2.97	1.79	0.60	291	2.97	1.79	0.60	326	4.53	2.72	0.60	689	4.33	2.60	0.60	725	4.16	2.50	0.60	758	4.00	2.41	0.60	793	3.78	2.27	0.60	845	3.47	2.08	0.60	897	3.21	1.93	0.60	931	2.66	1.60	0.60	967
	22	20	2.81	1.35	0.48	262	2.81	1.35	0.48	288	2.81	1.35	0.48	314	3.13	1.50	0.48	331	3.13	1.50	0.48	366	4.76	2.29	0.48	722	4.55	2.19	0.48	759	4.38	2.10	0.48	794	4.21	2.02	0.48	831	3.97	1.91	0.48	885	3.64	1.75	0.48	940	3.37	1.62	0.48	975	2.80	1.35	0.48	1012
	22	22	2.98	1.08	0.36	301	2.98	1.08	0.36	327	2.98	1.08	0.36	353	3.31	1.20	0.36	370	3.31	1.20	0.36	405	5.04	1.82	0.36	754	4.82	1.74	0.36	793	4.64	1.67	0.36	829	4.46	1.61	0.36	867	4.21	1.52	0.36	924	3.86	1.39	0.36	981	3.57	1.29	0.36	1018	2.97	1.07	0.36	1057
	23	18	2.68	1.72	0.64	222	2.68	1.72	0.64	248	2.68	1.72	0.64	274	2.97	1.91	0.64	291	2.97	1.91	0.64	326	4.53	2.90	0.64	689	4.33	2.78	0.64	725	4.16	2.67	0.64	758	4.00	2.57	0.64	793	3.78	2.42	0.64	845	3.47	2.22	0.64	897	3.21	2.06	0.64	931	2.66	1.71	0.64	967
	23	20	2.81	1.47	0.52	262	2.81	1.47	0.52	288	2.81	1.47	0.52	314	3.13	1.63	0.52	331	3.13	1.63	0.52	366	4.76	2.48	0.52	722	4.55	2.37	0.52	759	4.38	2.28	0.52	794	4.21	2.19	0.52	831	3.97	2.07	0.52	885	3.64	1.90	0.52	940	3.37	1.76	0.52	975	2.80	1.46	0.52	1012
	23	22	2.98	1.20	0.40	301	2.98	1.20	0.40	327	2.98	1.20	0.40	353	3.31	1.33	0.40	370	3.31	1.33	0.40	405	5.04	2.02	0.40	754	4.82	1.93	0.40	793	4.64	1.86	0.40	829	4.46	1.79	0.40	867	4.21	1.69	0.40	924	3.86	1.55	0.40	981	3.57	1.43	0.40	1018	2.97	1.19	0.40	1057
	24	18	2.68	1.82	0.68	222	2.68	1.82	0.68	248	2.68	1.82	0.68	274	2.97	2.03	0.68	291	2.97	2.03	0.68	326	4.53	3.08	0.68	689	4.33	2.95	0.68	725	4.16	2.84	0.68	758	4.00	2.73	0.68	793	3.78	2.57	0.68	845	3.47	2.36	0.68	897	3.21	2.18	0.68	931	2.66	1.81	0.68	967
	24	20	2.81	1.58	0.56	262	2.81	1.58	0.56	288	2.81	1.58	0.56	314	3.13	1.75	0.56	331	3.13	1.75	0.56	366	4.76	2.67	0.56	722	4.55	2.55	0.56	759	4.38	2.45	0.56	794	4.21	2.36	0.56	831	3.97	2.23	0.56	885	3.64	2.04	0.56	940	3.37	1.89	0.56	975	2.80	1.57	0.56	1012
	24	22	2.98	1.32	0.44	301	2.98	1.32	0.44	327	2.98	1.32	0.44	353	3.31	1.46	0.44	370	3.31	1.46	0.44	405	5.04	2.22	0.44	754	4.82	2.13	0.44	793	4.64	2.05	0.44	829	4.46	1.97	0.44	867	4.21	1.86	0.44	924	3.86	1.70	0.44	981	3.57	1.58	0.44	1018	2.97	1.31	0.44	1057
	24	24	3.16	1.02	0.32	341	3.16	1.02	0.32	367	3.16	1.02	0.32	393	3.51	1.13	0.32	410	3.51	1.13	0.32	445	5.34	1.72	0.32	787	5.11	1.64	0.32	827	4.92	1.58	0.32	865	4.73	1.52	0.32	905	4.46	1.43	0.32	964	4.09	1.31	0.32	1024	3.79	1.22	0.32	1062	3.14	1.01	0.32	1103
	25	18	2.68	1.93	0.72	222	2.68	1.93	0.72	248	2.68	1.93	0.72	274	2.97	2.14	0.72	291	2.97	2.14	0.72	326	4.53	3.26	0.72	689	4.33	3.12	0.72	725	4.16	3.00	0.72	758	4.00	2.89	0.72	793	3.78	2.72	0.72	845	3.47	2.50	0.72	897	3.21	2.31	0.72	931	2.66	1.92	0.72	967
	25	20	2.81	1.69	0.60	262	2.81	1.69	0.60	288	2.81	1.69	0.60	314	3.13	1.88	0.60	331	3.13	1.88	0.60	366	4.76	2.86	0.60	722	4.55	2.74	0.60	759	4.38	2.63	0.60	794	4.21	2.53	0.60	831	3.97	2.39	0.60	885	3.64	2.19	0.60	940	3.37	2.03	0.60	975	2.80	1.68	0.60	1012
	25	22	2.98	1.43	0.48	301	2.98	1.43	0.48	327	2.98	1.43	0.48	353	3.31	1.59	0.48	370	3.31	1.59	0.48	405	5.04	2.42	0.48	754	4.82	2.32	0.48	793	4.64	2.23	0.48	829	4.46	2.15	0.48	867	4.21	2.02	0.48	924	3.86	1.86	0.48	981	3.57	1.72	0.48	1018	2.97	1.43	0.48	1057
	25	24	3.16	1.14	0.36	341	3.16	1.14	0.36	367	3.16	1.14	0.36	393	3.51	1.27	0.36	410	3.51	1.27	0.36	445	5.34	1.93	0.36	787	5.11	1.85	0.36	827	4.92	1.78	0.36	865	4.73	1.71	0.36	905	4.46	1.61	0.36	964	4.09	1.48	0.36	1024	3.79	1.37	0.36	1062	3.14	1.13	0.36	1103
	26	18	2.68	2.04	0.76	222	2.68	2.04	0.76	248	2.68	2.04	0.76	274	2.97	2.26	0.76	291	2.97	2.26	0.76	326	4.53	3.44	0.76	689	4.33	3.30	0.76	725	4.16	3.17	0.76	758	4.00	3.05	0.76	793	3.78	2.87	0.76	845	3.47	2.64	0.76	897	3.21	2.44	0.76	931	2.66	2.03	0.76	967
	26	20	2.81	1.80	0.64	262	2.81	1.80	0.64	288	2.81	1.80	0.64	314	3.13	2.00	0.64	331	3.13	2.00	0.64	366	4.76	3.05	0.64	722	4.55	2.92	0.64	759	4.38	2.81	0.64	794	4.21	2.70	0.64	831	3.97	2.54	0.64	885	3.64	2.34	0.64	940	3.37	2.16	0.64	975	2.80	1.79	0.64	1012
	26	22	2.98	1.55	0.52	301	2.98	1.55	0.52	327	2.98	1.55	0.52	353	3.31	1.73	0.52	370	3.31	1.73	0.52	405	5.04	2.63	0.52	754	4.82	2.51	0.52	793	4.64	2.42	0.52	829	4.46	2.32	0.52	867	4.21	2.19	0.52	924	3.86	2.01	0.52	981	3.57	1.86	0.52	1018	2.97	1.55	0.52	1057
	26	24	3.16	1.27	0.40	341	3.16	1.27	0.40	367	3.16	1.27	0.40	393	3.51	1.41	0.40	410	3.51	1.41	0.40	445	5.34	2.14	0.40	787	5.11	2.05	0.40	827	4.92	1.97	0.40	865	4.73	1.90	0.40	905	4.46	1.79	0.40	964	4.09	1.64	0.40	1024	3.79	1.52	0.40	1062	3.14	1.26	0.40	1103
	26	26	3.32	0.93	0.28	381	3.32	0.93	0.28	407	3.32	0.93	0.28	433	3.69	1.04	0.28	450	3.69	1.04	0.28	485	5.61	1.58	0.28	819	5.37	1.51	0.28	861	5.16	1.45	0.28	901	4.96	1.39	0.28	943	4.68	1.32	0.28	1004	4.30	1.21	0.28	1066	3.98	1.12	0.28	1107	3.30	0.93	0.28	1149
	27	18	2.68	2.14	0.80	222	2.68	2.14	0.80	248	2.68	2.14	0.80	274	2.97	2.38	0.80	291	2.97	2.38	0.80	326	4.53	3.62	0.80	689	4.33	3.47	0.80	725	4.16	3.34	0.80	758	4.00	3.21	0.80	793	3.78	3.03	0.80	845	3.47	2.78	0.80	897	3.21	2.57	0.80	931	2.66	2.13	0.80	967
	27	19	2.73	2.02	0.74	242	2.73	2.02	0.74	268	2.73	2.02	0.74	294	3.04	2.25	0.74	311	3.04	2.25	0.74	346	4.62	3.42	0.74	706	4.42	3.27	0.74	742	4.25	3.15	0.74	776	4.09	3.03	0.74	812	3.85	2.86	0.74	865	3.54	2.62	0.74	918	3.27	2.43	0.74	953	2.72	2.01	0.74	990
	27	20	2.81	1.92	0.68	262	2.81	1.92	0.68	288	2.81	1.92	0.68	314	3.13	2.13	0.68	331	3.13	2.13	0.68	366	4.76	3.24	0.68	722	4.55	3.10	0.68	759	4.38	2.98	0.68	794	4.21	2.87	0.68	831	3.97	2.70	0.68	885	3.64	2.48	0.68	940	3.37	2.30	0.68	975	2.80	1.91	0.68	1012
	27	22	2.98	1.67	0.56	301	2.98	1.67	0.56	327	2.98	1.67	0.56	353	3.31	1.86	0.56	370	3.31	1.86	0.56	405	5.04	2.83	0.56	754	4.82	2.71	0.56	793	4.64	2.60	0.56	829	4.46	2.50	0.56	867	4.21	2.36	0.56	924	3.86	2.17	0.56	981	3.57	2.00	0.56	1018	2.97	1.66	0.56	1057
	27	24	3.16	1.39	0.44	341	3.16	1.39	0.44	367	3.16	1.39	0.44	393	3.51	1.55	0.44	410	3.51	1.55	0.44	445	5.34	2.36	0.44	787	5.11	2.26	0.44	827	4.92	2.17	0.44	865	4.73	2.08	0.44	905	4.46	1.97	0.44	964	4.09	1.81	0.44	1024	3.79	1.67	0.44	1062	3.14	1.39	0.44	1103
	27	26	3.32	1.07	0.32	381	3.32	1.07	0.32	407	3.32	1.07	0.32	433	3.69	1.18	0.32	450	3.69	1.18	0.32	485	5.61	1.80	0.32	819	5.37	1.72	0.32	861	5.16	1.66	0.32	901	4.96	1.59	0.32	943	4.68	1.50	0.32	1004	4.30	1.38	0.32	1066	3.98	1.28	0.32	1107	3.30	1.06	0.32	1149
	28	18	2.68	2.25	0.84	222	2.68	2.25	0.84	248	2.68	2.25	0.84	274	2.97	2.50	0.84	291	2.97	2.50	0.84	326	4.53	3.81	0.84	689	4.33	3.64	0.84	725	4.16	3.50	0.84	758	4.00	3.37	0.84	793	3.78	3.18	0.84	845	3.47	2.92	0.84	897	3.21	2.70	0.84	931	2.66	2.24	0.84	967
	28	20	2.81	2.03	0.72	262	2.81	2.03	0.72	288	2.81	2.03	0.72	314	3.13	2.25	0.72	331	3.13	2.25	0.72	366	4.76	3.43	0.72	722	4.55	3.28	0.72	759	4.38	3.16	0.72	794	4.21	3.03	0.72	831	3.97	2.86	0.72	885	3.64	2.63	0.72	940	3.37	2.43	0.72	975	2.80	2.02	0.72	1012
	28	22	2.98	1.79	0.60	301	2.98	1.79	0.60	327	2.98	1.79	0.60	353	3.31	1.99	0.60	370	3.31	1.99	0.60	405	5.04	3.03	0.60	754	4.82	2.90	0.60	793	4.64	2.79	0.60	829	4.46	2.68	0.60	867	4.21	2.53	0.60	924	3.86	2.32	0.60	981	3.57	2.15	0.60	1018	2.97	1.78	0.60	1057
	28	24	3.16	1.52	0.48	341	3.16	1.52	0.48	367	3.16	1.52	0.48	393	3.51	1.69	0.48	410	3.51	1.69	0.48	445	5.34	2.57	0.48	787	5.11	2.46	0.48	827	4.92	2.37	0.48	865	4.73	2.27	0.48	905	4.46	2.15	0.48	964	4.09	1.97	0.48	1024	3.79	1.82	0.48	1062	3.14	1.51	0.48	1103
	28	26	3.32	1.20	0.36	381	3.32	1.20	0.36	407	3.32	1.20	0.36	433	3.69	1.33	0.36	450	3.69	1.33	0.36	485	5.61	2.03	0.36	819	5.37	1.94	0.36	861	5.16	1.86	0.36	901	4.96	1.79	0.36	943	4.68	1.69	0.36	1004	4.30	1.55	0.36	1066	3.98	1.44	0.36	1107	3.30	1.19	0.36	1149
	29	18	2.68	2.31	0.86	222	2.68	2.31	0.86	248	2.68	2.31	0.86	274	2.97	2.56	0.86	291	2.97	2.56	0.86	326	4.53	3.90	0.86	689	4.33	3.73	0.86	725	4.16	3.58	0.86	758	4.00	3.45	0.86	793	3.78	3.25	0.86	845	3.47	2.99	0.86	897	3.21	2.76	0.86	931	2.66	2.29	0.86	967
	29	20	2.81	2.14	0.76	262	2.81	2.14	0.76	288	2.81	2.14	0.76	314	3.13	2.38	0.76	331	3.13	2.38	0.76	366	4.76	3.62	0.76	722	4.55	3.46	0.76	759	4.38	3.33	0.76	794	4.21	3.20	0.76	831	3.97	3.02	0.76	885	3.64	2.77	0.76	940	3.37	2.57	0.76	975	2.80	2.13	0.76	1012
	29	22	2.98	1.91	0.64	301	2.98	1.91	0.64	327	2.98	1.91	0.64	353	3.31	2.12	0.64	370	3.31	2.12	0.64	405	5.04	3.23	0.64	754	4.82	3.09	0.64	793	4.64	2.97	0.64	829	4.46	2.86	0.64	867	4.21	2.70	0.64	924	3.86	2.48	0.64	981	3.57	2.29	0.64	1018	2.97	1.90	0.64	1057
	29	24	3.16	1.65	0.52	341	3.16	1.65	0.52	367	3.16	1.65	0.52	393	3.51	1.83	0.52	410	3.51	1.83	0.52	445	5.34	2.78	0.52	787	5.11	2.66	0.52	827	4.92	2.56	0.52	865	4.73	2.46	0.52	905	4.46	2.32	0.52	964	4.09	2.13	0.52	1024	3.79	1.97	0.52	1062	3.14	1.64	0.52	1103
	29	26	3.32	1.33	0.40	381	3.32	1.33	0.40	407	3.32	1.33	0.40	433	3.69	1.48	0.40	450	3.69	1.48	0.40	485	5.61	2.25	0.40	819	5.37	2.15	0.40	861	5.16	2.07	0.40	901	4.96	1.99	0.40	943	4.68	1.88	0.40	1004	4.30	1.72	0.40	1066	3.98	1.59	0.40	1107	3.30	1.32	0.40	1149
	30	18	2.68	2.31	0.86	222	2.68	2.31	0.86	248	2.68	2.31	0.86	274	2.97	2.56	0.86	291	2.97	2.56	0.86	326	4.53	3.90	0.86	689	4.33	3.73	0.86	725	4.16	3.58	0.86	758	4.00	3.45	0.86	793	3.78	3.25	0.86	845	3.47	2.99	0.86	897	3.21	2.76	0.86	931	2.66	2.29	0.86	967
	30	20	2.81	2.25	0.80	262	2.81	2.25	0.80	288	2.81	2.25	0.80	314	3.13	2.50	0.80	331	3.13	2.50	0.80	366	4.76	3.81	0.80	722	4.55	3.65	0.80	759	4.38	3.51	0.80	794	4.21	3.37	0.80	831	3.97	3.18	0.80	885	3.64	2.92	0.80	940	3.37	2.70	0.80	975	2.80	2.24	0.80	1012
	30	22	2.98	2.03	0.68	301	2.98	2.03	0.68	327	2.98	2.03	0.68	353	3.31	2.26	0.68	370	3.31	2.26	0.68	405	5.04	3.43	0.68	754	4.82	3.29	0.68	793	4.64	3.16	0.68	829	4.46	3.04	0.68	867	4.21	2.87	0.68	924	3.86	2.63	0.68	981	3.57	2.43	0.68	1018	2.97	2.02	0.68	1057
	30	24	3.16	1.77	0.56	341	3.16	1.77	0.56	367	3.16	1.77	0.56	393	3.51	1.97	0.56	410	3.51	1.97	0.56	445	5.34	3.00	0.56	787	5.11	2.87	0.56	827	4.92	2.76	0.56	865	4.73	2.65	0.56	905	4.46	2.50	0.56	964	4.09	2.30	0.56	1024	3.79	2.12	0.56	1062	3.14	1.76	0.56	1103
	30	26	3.32	1.46	0.44	381	3.32	1.46	0.44	407	3.32	1.46	0.44	433	3.69	1.63	0.44	450	3.69	1.63	0.44	485	5.61	2.47	0.44	819	5.37	2.37	0.44	861	5.16	2.28	0.44	901	4.96	2.19	0.44	943	4.68	2.07	0.44	1004	4.30	1.90	0.44	1066	3.98	1.75	0.44	1107	3.30	1.46	0.44	1149
	31	18	2.68	2.31	0.86	222	2.68	2.31	0.86	248	2.68	2.31	0.86	274	2.97	2.56	0.86	291	2.97	2.56	0.86	326	4.53	3.90	0.86	689	4.33	3.73	0.86	725	4.16	3.58	0.86	758	4.00	3.45	0.86	793	3.78	3.25	0.86	845	3.47	2.99	0.86	897	3.21	2.76	0.86	931	2.66	2.29	0.86	967
	31	20	2.81	2.37	0.84	262	2.81	2.37	0.84	288	2.81	2.37	0.84	314	3.13	2.63	0.84	331	3.13	2.63	0.84	366	4.76	4.00	0.84	722	4.55	3.83	0.84	759	4.38	3.68	0.84	794	4.21	3.54	0.84	831	3.97	3.34	0.84	885	3.64	3.06	0.84	940	3.37	2.83	0.84	975	2.80	2.35	0.84	1012
	31	22	2.98	2.15	0.72	301	2.98	2.15	0.72	327	2.98	2.15	0.72	353	3.31	2.39	0.72	370	3.31	2.39	0.72	405	5.04	3.63	0.72	754	4.82	3.48	0.72	793	4.64	3.34	0.72	829	4.46	3.22	0.72	867	4.21	3.03	0.72	924	3.86	2.79	0.72	981	3.57	2.58	0.72	1018	2.97	2.14	0.72	1057
	31	24	3.16	1.90	0.60	341	3.16	1.90	0.60	367	3.16	1.90	0.60	393	3.51	2.11	0.60	410	3.51	2.11	0.60	445	5.34	3.21	0.60	787	5.11	3.07	0.60	827	4.92	2.96	0.60	865	4.73	2.84	0.60	905	4.46	2.68	0.60	964	4.09	2.46	0.60	1024	3.79	2.28	0.60	1062	3.14	1.89	0.60	1103
	31	26	3.32	1.60	0.48	381	3.32	1.60	0.48	407	3.32	1.60	0.48	433	3.69	1.77	0.48	450	3.69	1.77	0.48	485	5.61	2.70	0.48	819	5.37	2.58	0.48	861	5.16	2.48	0.48	901	4.96	2.39	0.48	943	4.68	2.25	0.48	1004	4.30	2.07	0.48	1066	3.98	1.91	0.48	1107	3.30	1.59	0.48	1149
	32	18	2.68	2.31	0.86	222	2.68	2.31	0.86	248	2.68	2.31	0.86	274	2.97	2.56	0.86	291	2.97	2.56	0.86	326	4.53	3.90	0.86	689	4.33	3.73	0.86	725	4.16	3.58	0.86	758	4.00	3.45	0.86	793	3.78	3.25	0.86	845	3.47	2.99	0.86	897	3.21	2.76	0.86	931	2.66	2.29	0.86	967
	32	20	2.81	2.42	0.86	262	2.81	2.42	0.86	288	2.81	2.42	0.86	314	3.13	2.69	0.86	331	3.13	2.69	0.86	366	4.76	4.09	0.86	722	4.55	3.92	0.86	759	4.38	3.77	0.86	794	4.21	3.62	0.86	831	3.97	3.42	0.86	885	3.64	3.14	0.86	940	3.37	2.90	0.86	975	2.80	2.41	0.86	1012
	32	22	2.98	2.27	0.76	301	2.98	2.27	0.76	327	2.98	2.27	0.76	353	3.31	2.52	0.76	370	3.31	2.52	0.76	405	5.04	3.84	0.76	754	4.82	3.67	0.76	793	4.64	3.53	0.76	829	4.46	3.39	0.76	867	4.21	3.20	0.76	924	3.86	2.94	0.76	981	3.57	2.72	0.76	1018	2.97	2.26	0.76	1057
	32	24	3.16	2.03	0.64	341	3.16	2.03	0.64	367	3.16	2.03	0.64	393	3.51	2.25	0.64	410	3.51	2.25	0.64	445	5.34	3.43	0.64	787	5.11	3.28	0.64	827	4.92	3.15	0.64	865	4.73	3.03	0.64	905	4.46	2.86	0.64	964	4.09	2.62	0.64	1024	3.79	2.43	0.64	1062	3.14	2.02	0.64	1103
	32	26	3.32	1.73	0.52	381	3.32	1.73	0.52	407	3.32	1.73	0.52	433	3.69	1.92	0.52	450	3.69	1.92	0.52	485	5.61	2.92	0.52	819	5.37	2.80	0.52	861	5.16	2.69	0.52	901	4.96	2.59	0.52	943	4.68	2.44	0.52	1004	4.30	2.24	0.52	1066	3.98	2.07	0.52	1107	3.30	1.72	0.52	1149

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
	21	18	2.57	1.39	0.54	198	2.57	1.39	0.54	221	2.57	1.39	0.54	245	2.86	1.54	0.54	260	2.86	1.54	0.54	291
	21	20	2.70	1.13	0.42	238	2.70	1.13	0.42	261	2.70	1.13	0.42	285	3.00	1.26	0.42	300	3.00	1.26	0.42	331
	22	18	2.57	1.49	0.58	198	2.57	1.49	0.58	221	2.57	1.49	0.58	245	2.86	1.65	0.58	260	2.86	1.65	0.58	291
	22	20	2.70	1.24	0.46	238	2.70	1.24	0.46	261	2.70	1.24	0.46	285	3.00	1.38	0.46	300	3.00	1.38	0.46	331
	22	22	2.86	0.97	0.34	277	2.86	0.97	0.34	300	2.86	0.97	0.34	324	3.18	1.08	0.34	339	3.18	1.08	0.34	370
	23	18	2.57	1.59	0.62	198	2.57	1.59	0.62	221	2.57	1.59	0.62	245	2.86	1.77	0.62	260	2.86	1.77	0.62	291
	23	20	2.70	1.35	0.50	238	2.70	1.35	0.50	261	2.70	1.35	0.50	285	3.00	1.50	0.50	300	3.00	1.50	0.50	331
	23	22	2.86	1.08	0.38	277	2.86	1.08	0.38	300	2.86	1.08	0.38	324	3.18	1.20	0.38	339	3.18	1.20	0.38	370
	24	18	2.57	1.69	0.66	198	2.57	1.69	0.66	221	2.57	1.69	0.66	245	2.86	1.88	0.66	260	2.86	1.88	0.66	291
	24	20	2.70	1.46	0.54	238	2.70	1.46	0.54	261	2.70	1.46	0.54	285	3.00	1.62	0.54	300	3.00	1.62	0.54	331
	24	22	2.86	1.20	0.42	277	2.86	1.20	0.42	300	2.86	1.20	0.42	324	3.18	1.33	0.42	339	3.18	1.33	0.42	370
	24	24	3.04	0.91	0.30	317	3.04	0.91	0.30	340	3.04	0.91	0.30	364	3.37	1.01	0.30	379	3.37	1.01	0.30	410
	25	18	2.57	1.80	0.70	198	2.57	1.80	0.70	221	2.57	1.80	0.70	245	2.86	2.00	0.70	260	2.86	2.00	0.70	291
	25	20	2.70	1.56	0.58	238	2.70	1.56	0.58	261	2.70	1.56	0.58	285	3.00	1.74	0.58	300	3.00	1.74	0.58	331
	25	22	2.86	1.31	0.46	277	2.86	1.31	0.46	300	2.86	1.31	0.46	324	3.18	1.46	0.46	339	3.18	1.46	0.46	370
	25	24	3.04	1.03	0.34	317	3.04	1.03	0.34	340	3.04	1.03	0.34	364	3.37	1.14	0.34	379	3.37	1.14	0.34	410
	26	18	2.57	1.90	0.74	198	2.57	1.90	0.74	221	2.57	1.90	0.74	245	2.86	2.11	0.74	260	2.86	2.11	0.74	291
	26	20	2.70	1.67	0.62	238	2.70	1.67	0.62	261	2.70	1.67	0.62	285	3.00	1.86	0.62	300	3.00	1.86	0.62	331
	26	22	2.86	1.43	0.50	277	2.86	1.43	0.50	300	2.86	1.43	0.50	324	3.18	1.59	0.50	339	3.18	1.59	0.50	370
	26	24	3.04	1.15	0.38	317	3.04	1.15	0.38	340	3.04	1.15	0.38	364	3.37	1.28	0.38	379	3.37	1.28	0.38	410
	26	26	3.19	0.82	0.26	357	3.19	0.82	0.26	380	3.19	0.82	0.26	404	3.54	0.92	0.26	419	3.54	0.92	0.26	450
	27	18	2.57	2.00	0.78	198	2.57	2.00	0.78	221	2.57	2.00	0.78	245	2.86	2.22	0.78	260	2.86	2.22	0.78	291
	27	19	2.62	1.89	0.72	218	2.62	1.89	0.72	241	2.62	1.89	0.72	265	2.91	2.09	0.72	280	2.91	2.09	0.72	311
	27	20	2.70	1.78	0.66	238	2.70	1.78	0.66	261	2.70	1.78	0.66	285	3.00	1.98	0.66	300	3.00	1.98	0.66	331
	27	22	2.86	1.54	0.54	277	2.86	1.54	0.54	300	2.86	1.54	0.54	324	3.18	1.71	0.54	339	3.18	1.71	0.54	370
80%	27	24	3.04	1.27	0.42	317	3.04	1.27	0.42	340	3.04	1.27	0.42	364	3.37	1.41	0.42	379	3.37	1.41	0.42	410
	27	26	3.19	0.95	0.30	357	3.19	0.95	0.30	380	3.19	0.95	0.30	404	3.54	1.06	0.30	419	3.54	1.06	0.30	450
	28	18	2.57	2.10	0.82	198	2.57	2.10	0.82	221	2.57	2.10	0.82	245	2.86	2.34	0.82	260	2.86	2.34	0.82	291
	28	20	2.70	1.89	0.70	238	2.70	1.89	0.70	261	2.70	1.89	0.70	285	3.00	2.10	0.70	300	3.00	2.10	0.70	331
	28	22	2.86	1.66	0.58	277	2.86	1.66	0.58	300	2.86	1.66	0.58	324	3.18	1.84	0.58	339	3.18	1.84	0.58	370
	28	24	3.04	1.39	0.46	317	3.04	1.39	0.46	340	3.04	1.39	0.46	364	3.37	1.55	0.46	379	3.37	1.55	0.46	410
	28	26	3.19	1.08	0.34	357	3.19	1.08	0.34	380	3.19	1.08	0.34	404	3.54	1.20	0.34	419	3.54	1.20	0.34	450
	29	18	2.57	2.16	0.84	198	2.57	2.16	0.84	221	2.57	2.16	0.84	245	2.86	2.39	0.84	260	2.86	2.39	0.84	291
	29	20	2.70	2.00	0.74	238	2.70	2.00	0.74	261	2.70	2.00	0.74	285	3.00	2.22	0.74	300	3.00	2.22	0.74	331
	29	22	2.86	1.77	0.62	277	2.86	1.77	0.62	300	2.86	1.77	0.62	324	3.18	1.97	0.62	339	3.18	1.97	0.62	370
	29	24	3.04	1.51	0.50	317	3.04	1.51	0.50	340	3.04	1.51	0.50	364	3.37	1.68	0.50	379	3.37	1.68	0.50	410
	29	26	3.19	1.21	0.38	357	3.19	1.21	0.38	380	3.19	1.21	0.38	404	3.54	1.34	0.38	419	3.54	1.34	0.38	450
	30	18	2.57	2.16	0.84	198	2.57	2.16	0.84	221	2.57	2.16	0.84	245	2.86	2.39	0.84	260	2.86	2.39	0.84	291
	30	20	2.70	2.10	0.78	238	2.70	2.10	0.78	261	2.70	2.10	0.78	285	3.00	2.34	0.78	300	3.00	2.34	0.78	331
	30	22	2.86	1.89	0.66	277	2.86	1.89	0.66	300	2.86	1.89	0.66	324	3.18	2.10	0.66	339	3.18	2.10	0.66	370
	30	24	3.04	1.64	0.54	317	3.04	1.64	0.54	340	3.04	1.64	0.54	364	3.37	1.82	0.54	379	3.37	1.82	0.54	410
	30	26	3.19	1.33	0.42	357	3.19	1.33	0.42	380	3.19	1.33	0.42	404	3.54	1.48	0.42	419	3.54	1.48	0.42	450
	31	18	2.57	2.16	0.84	198	2.57	2.16	0.84	221	2.57	2.16	0.84	245	2.86	2.39	0.84	260	2.86	2.39	0.84	291
	31	20	2.70	2.21	0.82	238	2.70	2.21	0.82	261	2.70	2.21	0.82	285	3.00	2.46	0.82	300	3.00	2.46	0.82	331
	31	22	2.86	2.00	0.70	277	2.86	2.00	0.70	300	2.86	2.00	0.70	324	3.18	2.22	0.70	339	3.18	2.22	0.70	370
	31	24	3.04	1.76	0.58	317	3.04	1.76	0.58	340	3.04	1.76	0.58	364	3.37	1.95	0.58	379	3.37	1.95	0.58	410
	31	26	3.19	1.46	0.46	357	3.19	1.46	0.46	380	3.19	1.46	0.46	404	3.54	1.62	0.46	419	3.54	1.62	0.46	450
	32	18	2.57	2.16	0.84	198	2.57	2.16	0.84	221	2.57	2.16	0.84	245	2.86	2.39	0.84	260	2.86	2.39	0.84	291
	32	20	2.70	2.27	0.84	238	2.70	2.27	0.84	261	2.70	2.27	0.84	285	3.00	2.52	0.84	300	3.00	2.52	0.84	331
	32	22	2.86	2.12	0.74	277	2.86	2.12	0.74	300	2.86	2.12	0.74	324	3.18	2.35	0.74	339	3.18	2.35	0.74	370
	32	24	3.04	1.88	0.62	317	3.04	1.88	0.62	340	3.04	1.88	0.62	364	3.37	2.09	0.62	379	3.37	2.09	0.62	410
	32	26	3.19	1.59	0.50	357	3.19	1.59	0.50	380	3.19	1.59	0.50	404	3.54	1.77	0.50	419	3.54	1.77	0.50	450

IDDB (°C)	ID WB (°C)	21				25				27				30			
		Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
21	18	4.34	2.34	0.54	619	4.16	2.24	0.54	651	4.00	2.15	0.54	681	3.84	2.07	0.54	712
21	20	4.57	1.91	0.42	652	4.37	1.83	0.42	685	4.20	1.76	0.42	717	4.04	1.69	0.42	750
22	18	4.34	2.51	0.58	619	4.16	2.41	0.58	651	4.00	2.31	0.58	681	3.84	2.22	0.58	712
22	20	4.57	2.09	0.46	652	4.37	2.00	0.46	685	4.20	1.93	0.46	717	4.04	1.85	0.46	750
22	22	4.84	1.64	0.34	683	4.63	1.57	0.34	719	4.45	1.51	0.34	752	4.28	1.45	0.34	786
23	18	4.34	2.69	0.62	619	4.16	2.57	0.62	651	4.00	2.47	0.62	681	3.84	2.38	0.62	712
23	20	4.57	2.28	0.50	652	4.37	2.18	0.50	685	4.20	2.10	0.50	717	4.04	2.01	0.50	750
23	22	4.84	1.83	0.38	683	4.63	1.75	0.38	719	4.45	1.69	0.38	752	4.28	1.62	0.38	786
24	18	4.34	2.86	0.66	619	4.16	2.74	0.66	651	4.00	2.63	0.66	681	3.84	2.53	0.66	712
24	20	4.57	2.46	0.54	652	4.37	2.35	0.54	685	4.20	2.26	0.54	717	4.04	2.18	0.54	750
24	22	4.84	2.03	0.42	683	4.63	1.94	0.42	719	4.45	1.86	0.42	752	4.28	1.79	0.42	786
24	24	5.13	1.53	0.30	716	4.91	1.47	0.30	753	4.72	1.41	0.30	788	4.54	1.36	0.30	824
25	18	4.34	3.04	0.70	619	4.16	2.90	0.70	651	4.00	2.79	0.70	681	3.84	2.69	0.70	712
25	20	4.57	2.64	0.58	652	4.37	2.53	0.58	685	4.20	2.43	0.58	717	4.04	2.34	0.58	750
25	22	4.84	2.22	0.46	683	4.63	2.12	0.46	719	4.45	2.04	0.46	752	4.28	1.96	0.46	786
25	24	5.13	1.74	0.34	716	4.91	1.66	0.34	753	4.72	1.60	0.34	788	4.54	1.54	0.34	824
26	18	4.34	3.21	0.74	619	4.16	3.07	0.74	651	4.00	2.95	0.74	681	3.84	2.84	0.74	712
26	20	4.57	2.83	0.62	652	4.37	2.70	0.62	685	4.20	2.60	0.62	717	4.04	2.50	0.62	750
26	22	4.84	2.41	0.50	683	4.63	2.31	0.50	719	4.45	2.22	0.50	752	4.28	2.14	0.50	786
26	24	5.13	1.94	0.38	716	4.91	1.86	0.38	753	4.72	1.79	0.38	788	4.54	1.72	0.38	824
26	26	5.39	1.39	0.26	749	5.15	1.33	0.26	787	4.96	1.28	0.26	823	4.77	1.23	0.26	861
27	18	4.34	3.38	0.78	619	4.16	3.24	0.78	651	4.00	3.11	0.78	681	3.84	2.99	0.78	712
27	19	4.43	3.19	0.72	635	4.24	3.05	0.72	668	4.08	2.93	0.72	699	3.92	2.82	0.72	731
27	20	4.57	3.01	0.66	652	4.37	2.88	0.66	685	4.20	2.77	0.66	717	4.04	2.66	0.66	750
27	22	4.84	2.61	0.54	683	4.63	2.50	0.54	719	4.45	2.40	0.54	752	4.28	2.31	0.54	786
27	24	5.13	2.15	0.42	716	4.91	2.06	0.42	753	4.72	1.98	0.42	788	4.54	1.90	0.42	824
27	26	5.39	1.61	0.30	749	5.15	1.54	0.30	787	4.96	1.48	0.30	823	4.77	1.42	0.30	861
28	18	4.34	3.56	0.82	619	4.16	3.40	0.82	651	4.00	3.27	0.82	681	3.84	3.15	0.82	712
28	20	4.57	3.19	0.70	652	4.37	3.05	0.70	685	4.20	2.94	0.70	717	4.04	2.82	0.70	750
28	22	4.84	2.80	0.58	683	4.63	2.68	0.58	719	4.45	2.58	0.58	752	4.28	2.48	0.58	786
28	24	5.13	2.35	0.46	716	4.91	2.25	0.46	753	4.72	2.17	0.46	788	4.54	2.08	0.46	824
28	26	5.39	1.82	0.34	749	5.15	1.75	0.34	787	4.96	1.68	0.34	823	4.77	1.61	0.34	861
29	18	4.34	3.64	0.84	619	4.16	3.49	0.84	651	4.00	3.35	0.84	681	3.84	3.22	0.84	712
29	20	4.57	3.37	0.74	652	4.37	3.23	0.74	685	4.20	3.10	0.74	717	4.04	2.98	0.74	750
29	22	4.84	2.99	0.62	683	4.63	2.87	0.62	719	4.45	2.76	0.62	752	4.28	2.65	0.62	786
29	24	5.13	2.56	0.50	716	4.91	2.45	0.50	753	4.72	2.35	0.50	788	4.54	2.26	0.50	824
29	26	5.39	2.04	0.38	749	5.15	1.95	0.38	787	4.96	1.88	0.38	823	4.77	1.81	0.38	861
30	18	4.34	3.64	0.84	619	4.16	3.49	0.84	651	4.00	3.35	0.84	681	3.84	3.22	0.84	712
30	20	4.57	3.56	0.78	652	4.37	3.40	0.78	685	4.20	3.27	0.78	717	4.04	3.15	0.78	750
30	22	4.84	3.19	0.66	683	4.63	3.05	0.66	719	4.45	2.93	0.66	752	4.28	2.82	0.66	786
30	24	5.13	2.76	0.54	716	4.91	2.64	0.54	753	4.72	2.54	0.54	788	4.54	2.45	0.54	824
30	26	5.39	2.26	0.42	749	5.15	2.16	0.42	787	4.96	2.08	0.42	823	4.77	2.00	0.42	861
31	18	4.34	3.64	0.84	619	4.16	3.49	0.84	651	4.00	3.35	0.84	681	3.84	3.22	0.84	712
31	20	4.57	3.74	0.82	652	4.37	3.58	0.82	685	4.20	3.44	0.82	717	4.04	3.31	0.82	750
31	22	4.84	3.38	0.70	683	4.63	3.24	0.70	719	4.45	3.11	0.70	752	4.28	2.99	0.70	786
31	24	5.13	2.97	0.58	716	4.91	2.84	0.58	753	4.72	2.73	0.58	788	4.54	2.63	0.58	824
31	26	5.39	2.47	0.46	749	5.15	2.36	0.46	787	4.96	2.27	0.46	823	4.77	2.19	0.46	861
32	18	4.34	3.64	0.84	619	4.16	3.49	0.84	651	4.00	3.35	0.84	681	3.84	3.22	0.84	712
32	20	4.57	3.83	0.84	652	4.37	3.66	0.84	685	4.20	3.52	0.84	717	4.04	3.39	0.84	750
32	22	4.84	3.58	0.74	683	4.63	3.42	0.74	719	4.45	3.29	0.74	752	4.28	3.16	0.74	786
32	24	5.13	3.17	0.62	716	4.91	3.04	0.62	753	4.72	2.92	0.62	788	4.54	2.81	0.62	824
32	26	5.39	2.69	0.50	749	5.15	2.57	0.50	787	4.96	2.47	0.50	823	4.77	2.38	0.50	861

IDDB (°C)	ID WB (°C)	35				40				45				50			
		Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
21	18	3.63	1.95	0.54	758	3.33	1.79	0.54	805	3.08	1.66	0.54	836	2.56	1.38	0.54	913
21	20	3.81	1.60	0.42	798	3.50	1.47	0.42	848	3.24	1.36	0.42	880	2.69	1.12	0.42	868
22	18	3.63	2.10	0.58	758	3.33	1.93	0.58	805	3.08	1.78	0.58	836	2.56	1.48	0.58	913
22	20	3.81	1.75	0.46	798	3.50	1.60	0.46	848	3.24	1.48	0.46	880	2.69	1.23	0.46	958
22	22	4.04	1.37	0.34	837	3.71	1.26	0.34	889	3.43	1.16	0.34	923	2.85	0.96	0.34	868
23	18	3.63	2.24	0.62	758	3.33	2.06	0.62	805	3.08	1.91	0.62	836	2.56	1.58	0.62	913
23	20	3.81	1.90	0.50	798	3.50	1.74	0.50	848	3.24	1.61	0.50	880	2.69	1.34	0.50	958
23	22	4.04	1.53	0.38	837	3.71	1.40	0.38	889	3.43	1.30	0.38	923	2.85	1.08	0.38	868
24	18	3.63	2.39	0.66	758	3.33	2.19	0.66	805	3.08	2.03	0.66	836	2.56	1.68	0.66	913
24	20	3.81	2.05	0.54	798	3.50	1.88	0.54	848	3.24	1.74	0.54	880	2.69	1.45	0.54	958
24	22	4.04	1.69	0.42	837	3.71	1.55	0.42	889	3.43	1.44	0.42	923	2.85	1.19	0.42	1004
24	24	4.28	1.28	0.30	877	3.93	1.17	0.30	932	3.64	1.09	0.30	967	3.02	0.90	0.30	868
25	18	3.63	2.53	0.70	758	3.33	2.33	0.70	805	3.08	2.15	0.70	836	2.56	1.79	0.70	913
25	20	3.81	2.21	0.58	798	3.50	2.02	0.58	848	3.24	1.87	0.58	880	2.69	1.55	0.58	958
25	22	4.04	1.85	0.46	837	3.71	1.70	0.46	889	3.43	1.57	0.46	923	2.85	1.31	0.46	1004
25	24	4.28	1.45	0.34	877	3.93	1.33	0.34	932	3.64	1.23	0.34	967	3.02	1.02	0.34	868
26	18	3.63	2.68	0.74	758	3.33	2.46	0.74	805	3.08	2.27	0.74	836	2.56	1.89	0.74	913
26	20	3.81	2.36	0.62	798	3.50	2.16	0.62	848	3.24	2.00	0.62	880	2.69	1.66	0.62	958
26	22	4.04	2.01	0.50	837	3.71	1.85	0.50	889	3.43	1.71	0.50	923	2.85	1.42	0.50	1004
26	24	4.28	1.62	0.38	877	3.93	1.49	0.38	932	3.64	1.38	0.38	967	3.02	1.14	0.38	1050
26	26	4.50	1.16	0.26	917	4.13	1.07	0.26	974	3.82	0.99	0.26	1011	3.17	0.82	0.26	868
27	18	3.63	2.82	0.78	758	3.33	2.59	0.78	805	3.08	2.40	0.78	836	2.56	1.99	0.78	891
27	19	3.70	2.66	0.72	778	3.40	2.44	0.72	827	3.14	2.26	0.72	858	2.61	1.87	0.72	913
27	20	3.81	2.51	0.66	798	3.50	2.30	0.66	848	3.24	2.13	0.66	880	2.69	1.77	0.66	958
27	22	4.04	2.18	0.54	837	3.71	2.00	0.54	889	3.43	1.85	0.54	923	2.85	1.53	0.54	1004
27	24	4.28	1.79	0.42	877	3.93	1.65	0.42	932	3.64	1.52	0.42	967	3.02	1.26	0.42	1050
27	26	4.50	1.34	0.30	917	4.13	1.23	0.30	974	3.82	1.14	0.30	1011	3.17	0.95	0.30	868
28	18	3.63	2.97	0.82	758	3.33	2.73	0.82	805	3.08	2.52	0.82	836	2.56	2.09	0.82	913
28	20	3.81	2.66	0.70	798	3.50	2.44	0.70	848	3.24	2.26	0.70	880	2.69	1.88	0.70	958
28	22	4.04	2.34	0.58	837	3.71	2.15	0.58	889	3.43	1.99	0.58	923	2.85	1.65	0.58	1004
28	24	4.28	1.96	0.46	877	3.93	1.80	0.46	932	3.64	1.67	0.46	967	3.02	1.38	0.46	1050
28	26	4.50	1.52	0.34	917	4.13	1.40	0.34	974	3.82	1.29	0.34	1011	3.17	1.07	0.34	868
29	18	3.63	3.04	0.84	758	3.33	2.79	0.84	805	3.08	2.58	0.84	836	2.56	2.14	0.84	913
29	20	3.81	2.82	0.74	798	3.50	2.58	0.74	848	3.24	2.39	0.74	880	2.69	1.98	0.74	958
29	22	4.04	2.50	0.62	837	3.71	2.29	0.62	889	3.43	2.12	0.62	923	2.85	1.76	0.62	1004
29	24	4.28	2.14	0.50	877	3.93	1.96	0.50	932	3.64	1.81	0.50	967	3.02	1.51	0.50	1050
29	26	4.50	1.70	0.38	917	4.13	1.56	0.38	974	3.82	1.45	0.38	1011	3.17	1.20	0.38	868
30	18	3.63	3.04	0.84	758	3.33	2.79	0.84	805	3.08	2.58	0.84	836	2.56	2.14	0.84	913
30	20	3.81	2.97	0.78	798	3.50	2.72	0.78	848	3.24	2.52	0.78	880	2.69	2.09	0.78	958
30	22	4.04	2.66	0.66	837	3.71	2.44	0.66	889	3.43	2.26	0.66	923	2.85	1.88	0.66	1004
30	24	4.28	2.31	0.54	877	3.93	2.12	0.54	932	3.64	1.96	0.54	967	3.02	1.63	0.54	1050
30	26	4.50	1.88	0.42	917	4.13	1.73	0.42	974	3.82	1.60	0.42	1011	3.17	1.33	0.42	868
31	18	3.63	3.04	0.84	758	3.33	2.79	0.84	805	3.08	2.58	0.84	836	2.56	2.14	0.84	913
31	20	3.81	3.12	0.82	798	3.50	2.86	0.82	848	3.24	2.65	0.82	880	2.69	2.20	0.82	958
31	22	4.04	2.82	0.70	837	3.71	2.59	0.70	889	3.43	2.40	0.70	923	2.85	1.99	0.70	1004
31	24	4.28	2.48	0.58	877	3.93	2.27	0.58	932	3.64	2.10	0.58	967	3.02	1.75	0.58	1050
31	26	4.50	2.06	0.46	917	4.13	1.89	0.46	974	3.82	1.75	0.46	1011	3.17	1.45	0.46	868
32	18	3.63	3.04	0.84	758	3.33	2.79	0.84	805	3.08	2.58	0.84	836	2.56	2.14	0.84	913
32	20	3.81	3.20	0.84	798	3.50	2.93	0.84	848	3.24	2.71	0.84	880	2.69	2.25	0.84	958
32	22	4.04	2.98	0.74	837	3.71	2.74	0.74	889	3.43	2.53	0.74	923	2.85	2.10	0.74	1004
32	24	4.28	2.65	0.62	877	3.93	2.43	0.62	932	3.64	2.25	0.62	967	3.02	1.87	0.62	1050
32	26	4.50	2.24	0.50	917	4.13	2.06	0.50	974	3.82	1.90	0.50	1011	3.17	1.58	0.50	913

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

14K

HEATING PERFORMANCE DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
130%	15	3.25	889	3.83	917	4.25	926	4.67	945	5.08	994	5.49	1044	5.76	1075	5.93	1097
	16	3.21	896	3.78	924	4.20	933	4.62	952	5.02	1002	5.42	1053	5.69	1084	5.86	1106
	17	3.18	903	3.74	931	4.15	941	4.56	960	4.96	1011	5.36	1061	5.62	1093	5.79	1115
	18	3.14	911	3.69	939	4.10	948	4.51	968	4.90	1019	5.29	1070	5.56	1102	5.72	1124
	19	3.10	918	3.65	946	4.05	956	4.45	976	4.84	1027	5.23	1078	5.49	1111	5.66	1133
	20	3.07	925	3.61	954	4.01	964	4.41	983	4.79	1035	5.18	1087	5.44	1120	5.60	1142
	21	3.03	936	3.57	965	3.97	974	4.36	994	4.74	1047	5.12	1099	5.37	1132	5.53	1154
	22	3.00	946	3.53	975	3.92	985	4.31	1005	4.68	1058	5.05	1111	5.31	1144	5.47	1167
	23	2.96	956	3.48	986	3.87	996	4.25	1016	4.62	1070	4.99	1123	5.24	1157	5.40	1180
	24	2.93	967	3.44	997	3.82	1007	4.20	1027	4.57	1081	4.93	1136	5.18	1170	5.34	1193
	25	2.89	977	3.40	1008	3.78	1018	4.15	1039	4.51	1093	4.87	1148	5.12	1182	5.27	1206
	26	2.86	988	3.36	1019	3.73	1029	4.10	1050	4.46	1105	4.82	1161	5.06	1195	5.21	1219
	27	2.82	999	3.32	1030	3.69	1040	4.05	1062	4.41	1118	4.76	1173	5.00	1209	5.15	1233
	28	2.79	1010	3.28	1041	3.64	1052	4.00	1073	4.35	1130	4.70	1186	4.94	1222	5.08	1246
	29	2.75	1021	3.24	1053	3.60	1063	3.96	1085	4.30	1142	4.64	1199	4.88	1235	5.02	1260
	30	2.72	1032	3.20	1064	3.56	1075	3.91	1097	4.25	1155	4.59	1213	4.82	1249	4.96	1274
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
120%	15	3.16	847	3.72	873	4.13	882	4.54	900	4.93	947	5.33	994	5.59	1024	5.76	1045
	16	3.12	854	3.67	880	4.08	889	4.48	907	4.87	955	5.26	1002	5.53	1032	5.69	1053
	17	3.08	860	3.63	887	4.03	896	4.43	914	4.81	962	5.20	1011	5.46	1041	5.62	1062
	18	3.05	867	3.58	894	3.98	903	4.38	922	4.76	970	5.14	1019	5.40	1049	5.56	1070
	19	3.01	874	3.54	901	3.94	910	4.33	929	4.70	978	5.08	1027	5.33	1058	5.49	1079
	20	2.98	881	3.51	909	3.90	918	4.28	937	4.65	986	5.03	1035	5.28	1066	5.44	1088
	21	2.95	891	3.47	919	3.85	928	4.23	947	4.60	997	4.97	1047	5.22	1078	5.37	1099
	22	2.91	901	3.42	929	3.80	938	4.18	957	4.54	1008	4.91	1058	5.15	1090	5.31	1112
	23	2.88	911	3.38	939	3.76	948	4.13	968	4.49	1019	4.85	1070	5.09	1102	5.24	1124
	24	2.84	921	3.34	949	3.71	959	4.08	978	4.44	1030	4.79	1081	5.03	1114	5.18	1136
	25	2.81	931	3.30	960	3.67	969	4.03	989	4.38	1041	4.73	1093	4.97	1126	5.12	1149
	26	2.77	941	3.26	970	3.62	980	3.98	1000	4.33	1053	4.68	1105	4.91	1139	5.06	1161
	27	2.74	952	3.22	981	3.58	991	3.94	1011	4.28	1064	4.62	1118	4.85	1151	5.00	1174
	28	2.71	962	3.18	992	3.54	1002	3.89	1022	4.23	1076	4.56	1130	4.79	1164	4.94	1187
	29	2.67	973	3.15	1003	3.50	1013	3.84	1033	4.18	1088	4.51	1142	4.73	1177	4.88	1200
	30	2.64	983	3.11	1014	3.45	1024	3.80	1045	4.13	1100	4.46	1155	4.68	1189	4.82	1213
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
110%	15	3.07	830	3.61	856	4.01	864	4.40	882	4.79	928	5.17	975	5.43	1004	5.59	1024
	16	3.03	837	3.56	863	3.96	871	4.35	889	4.73	936	5.11	983	5.36	1012	5.53	1032
	17	2.99	844	3.52	870	3.91	878	4.30	896	4.67	944	5.05	991	5.30	1020	5.46	1041
	18	2.96	850	3.48	877	3.87	885	4.25	904	4.62	951	4.99	999	5.24	1029	5.40	1049
	19	2.92	857	3.44	884	3.82	893	4.20	911	4.56	959	4.93	1007	5.18	1037	5.33	1058
	20	2.89	864	3.41	891	3.78	900	4.16	918	4.52	967	4.88	1015	5.12	1045	5.28	1066
	21	2.86	874	3.36	901	3.74	910	4.11	928	4.46	977	4.82	1026	5.06	1057	5.22	1078
	22	2.83	883	3.32	911	3.69	920	4.06	939	4.41	988	4.76	1037	5.00	1068	5.15	1090
	23	2.79	893	3.28	921	3.65	930	4.01	949	4.36	999	4.71	1049	4.94	1080	5.09	1102
	24	2.76	903	3.24	931	3.61	940	3.96	959	4.31	1010	4.65	1060	4.88	1092	5.03	1114
	25	2.72	913	3.21	941	3.56	950	3.91	970	4.25	1021	4.59	1072	4.82	1104	4.97	1126
	26	2.69	923	3.17	951	3.52	961	3.87	980	4.20	1032	4.54	1084	4.77	1116	4.91	1139
	27	2.66	933	3.13	962	3.48	971	3.82	991	4.15	1043	4.49	1096	4.71	1128	4.85	1151
	28	2.63	943	3.09	972	3.44	982	3.77	1002	4.10	1055	4.43	1108	4.65	1141	4.79	1164
	29	2.60	954	3.05	983	3.39	993	3.73	1013	4.05	1067	4.38	1120	4.60	1153	4.73	1177
	30	2.57	964	3.02	994	3.35	1004	3.68	1024	4.01	1078	4.33	1132	4.54	1166	4.68	1189

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
100%	15	2.98	806	3.50	831	3.89	839	4.28	856	4.65	901	5.02	947	5.27	975	5.43	994
	16	2.94	812	3.46	838	3.85	846	4.23	863	4.59	909	4.96	954	5.21	983	5.36	1002
	17	2.91	819	3.42	844	3.80	853	4.18	870	4.54	916	4.90	962	5.15	991	5.30	1011
	18	2.87	826	3.38	851	3.75	860	4.13	877	4.48	923	4.84	970	5.09	999	5.24	1019
	19	2.84	832	3.34	858	3.71	867	4.08	884	4.43	931	4.79	977	5.03	1007	5.18	1027
	20	2.81	839	3.31	865	3.67	874	4.04	891	4.39	938	4.74	985	4.98	1015	5.12	1035
	21	2.78	848	3.27	874	3.63	883	3.99	901	4.33	949	4.68	996	4.92	1026	5.06	1047
	22	2.74	857	3.23	884	3.59	893	3.94	911	4.28	959	4.63	1007	4.86	1037	5.00	1058
	23	2.71	867	3.19	894	3.54	903	3.89	921	4.23	970	4.57	1018	4.80	1049	4.94	1070
	24	2.68	876	3.15	904	3.50	913	3.85	931	4.18	980	4.52	1029	4.74	1060	4.88	1081
	25	2.65	886	3.11	914	3.46	923	3.80	942	4.13	991	4.46	1041	4.68	1072	4.82	1093
	26	2.61	896	3.07	924	3.42	933	3.75	952	4.08	1002	4.41	1052	4.63	1084	4.77	1105
	27	2.58	906	3.04	934	3.38	943	3.71	962	4.03	1013	4.35	1064	4.57	1096	4.71	1118
	28	2.55	916	3.00	944	3.34	954	3.66	973	3.98	1024	4.30	1075	4.52	1108	4.65	1130
	29	2.52	926	2.97	954	3.30	964	3.62	984	3.94	1035	4.25	1087	4.46	1120	4.60	1142
	30	2.49	936	2.93	965	3.26	975	3.58	995	3.89	1047	4.20	1099	4.41	1132	4.54	1155
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
90%	15	2.87	791	3.38	816	3.76	824	4.13	841	4.49	885	4.84	929	5.09	957	5.24	976
	16	2.84	798	3.34	822	3.71	831	4.08	848	4.43	892	4.79	937	5.03	965	5.18	984
	17	2.80	804	3.30	829	3.67	837	4.03	855	4.38	900	4.73	945	4.97	973	5.12	992
	18	2.77	811	3.26	836	3.62	844	3.98	861	4.33	907	4.67	952	4.91	981	5.05	1000
	19	2.74	817	3.22	843	3.58	851	3.93	868	4.28	914	4.62	960	4.85	989	4.99	1008
	20	2.71	824	3.19	849	3.54	858	3.90	875	4.23	921	4.57	968	4.80	997	4.95	1017
	21	2.68	833	3.15	859	3.50	867	3.85	885	4.18	932	4.52	978	4.74	1008	4.89	1028
	22	2.65	842	3.11	868	3.46	877	3.80	895	4.13	942	4.46	989	4.69	1019	4.83	1039
	23	2.62	851	3.08	878	3.42	887	3.76	905	4.08	952	4.41	1000	4.63	1030	4.77	1050
	24	2.58	861	3.04	887	3.38	896	3.71	915	4.03	963	4.36	1011	4.57	1041	4.71	1062
	25	2.55	870	3.00	897	3.34	906	3.67	925	3.99	973	4.30	1022	4.52	1053	4.66	1074
	26	2.52	880	2.97	907	3.30	916	3.62	935	3.94	984	4.25	1033	4.47	1064	4.60	1085
	27	2.49	889	2.93	917	3.26	926	3.58	945	3.89	995	4.20	1045	4.41	1076	4.54	1097
	28	2.46	899	2.90	927	3.22	936	3.54	955	3.84	1006	4.15	1056	4.36	1088	4.49	1109
	29	2.43	909	2.86	937	3.18	947	3.49	966	3.80	1017	4.10	1068	4.31	1100	4.44	1122
	30	2.40	919	2.83	948	3.14	957	3.45	977	3.75	1028	4.05	1079	4.26	1112	4.38	1134
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15	-10	-5	0	5	10	15	20	-15	-10	-5	0	5	10	15	20
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
80%	15	2.79	783	3.28	808	3.64	816	4.00	833	4.35	876	4.70	920	4.93	948	5.08	967
	16	2.75	790	3.24	814	3.60	822	3.96	839	4.30	883	4.64	928	4.88	955	5.02	975
	17	2.72	796	3.20	821	3.56	829	3.91	846	4.25	891	4.59	935	4.82	963	4.96	982
	18	2.69	803	3.16	827	3.51	836	3.86	853	4.20	898	4.53	943	4.76	971	4.90	990
	19	2.66	809	3.13	834	3.47	843	3.82	860	4.15	905	4.48	950	4.70	979	4.84	998
	20	2.63	816	3.09	841	3.44	849	3.78	867	4.11	912	4.44	958	4.66	987	4.80	1006
	21	2.60	825	3.06	850	3.40	859	3.73	876	4.06	922	4.38	968	4.60	997	4.74	1017
	22	2.57	834	3.02	859	3.36	868	3.69	886	4.01	932	4.33	979	4.55	1008	4.68	1029
	23	2.54	843	2.98	869	3.32	878	3.64	896	3.96	943	4.28	990	4.49	1020	4.63	1040
	24	2.51	852	2.95	878	3.28	887	3.60	905	3.91	953	4.23	1001	4.44	1031	4.57	1051
	25	2.48	861	2.91	888	3.24	897	3.56	915	3.87	964	4.18	1012	4.38	1042	4.52	1063
	26	2.45	871	2.88	898	3.20	907	3.51	925	3.82	974	4.13	1023	4.33	1054	4.46	1075
	27	2.42	881	2.84	908	3.16	917	3.47	936	3.77	985	4.08	1034	4.28	1065	4.41	1086
	28	2.39	890	2.81	918	3.12	927	3.43	946	3.73	996	4.03	1045	4.23	1077	4.36	1098
	29	2.36	900	2.78	928	3.08	937	3.39	956	3.68	1007	3.98	1057	4.18	1089	4.30	1110
	30	2.33	910	2.74	938	3.05	948	3.35	967	3.64	1018	3.93	1069	4.13	1101	4.25	1123

Remarks:
Q: Total Cooling Capacity (Gross) **kW**
INPUT: Power Input (including the compressor, evap. fan motor & cond. **W**
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

18K

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
	21	18	3.80	2.19	0.58	385	3.80	2.19	0.58	429	3.80	2.19	0.58	472	4.22	2.43	0.58	501
	21	20	3.99	1.82	0.46	425	3.99	1.82	0.46	469	3.99	1.82	0.46	512	4.43	2.02	0.46	541
	22	18	3.80	2.34	0.62	385	3.80	2.34	0.62	429	3.80	2.34	0.62	472	4.22	2.60	0.62	501
	22	20	3.99	1.98	0.50	425	3.99	1.98	0.50	469	3.99	1.98	0.50	512	4.43	2.20	0.50	541
	22	22	4.23	1.59	0.38	464	4.23	1.59	0.38	508	4.23	1.59	0.38	551	4.70	1.77	0.38	580
	23	18	3.80	2.49	0.66	385	3.80	2.49	0.66	429	3.80	2.49	0.66	472	4.22	2.77	0.66	501
	23	20	3.99	2.14	0.54	425	3.99	2.14	0.54	469	3.99	2.14	0.54	512	4.43	2.38	0.54	541
	23	22	4.23	1.76	0.42	464	4.23	1.76	0.42	508	4.23	1.76	0.42	551	4.70	1.95	0.42	580
	24	18	3.80	2.64	0.70	385	3.80	2.64	0.70	429	3.80	2.64	0.70	472	4.22	2.93	0.70	501
	24	20	3.99	2.30	0.58	425	3.99	2.30	0.58	469	3.99	2.30	0.58	512	4.43	2.55	0.58	541
	24	22	4.23	1.93	0.46	464	4.23	1.93	0.46	508	4.23	1.93	0.46	551	4.70	2.14	0.46	580
	24	24	4.48	1.51	0.34	504	4.48	1.51	0.34	548	4.48	1.51	0.34	591	4.98	1.67	0.34	620
	25	18	3.80	2.79	0.74	385	3.80	2.79	0.74	429	3.80	2.79	0.74	472	4.22	3.10	0.74	501
	25	20	3.99	2.46	0.62	425	3.99	2.46	0.62	469	3.99	2.46	0.62	512	4.43	2.73	0.62	541
	25	22	4.23	2.10	0.50	464	4.23	2.10	0.50	508	4.23	2.10	0.50	551	4.70	2.33	0.50	580
	25	24	4.48	1.69	0.38	504	4.48	1.69	0.38	548	4.48	1.69	0.38	591	4.98	1.87	0.38	620
	26	18	3.80	2.95	0.78	385	3.80	2.95	0.78	429	3.80	2.95	0.78	472	4.22	3.27	0.78	501
	26	20	3.99	2.62	0.66	425	3.99	2.62	0.66	469	3.99	2.62	0.66	512	4.43	2.91	0.66	541
	26	22	4.23	2.27	0.54	464	4.23	2.27	0.54	508	4.23	2.27	0.54	551	4.70	2.52	0.54	580
	26	24	4.48	1.86	0.42	504	4.48	1.86	0.42	548	4.48	1.86	0.42	591	4.98	2.07	0.42	620
	26	26	4.71	1.39	0.30	544	4.71	1.39	0.30	588	4.71	1.39	0.30	631	5.23	1.55	0.30	660
	27	18	3.80	3.10	0.82	385	3.80	3.10	0.82	429	3.80	3.10	0.82	472	4.22	3.44	0.82	501
	27	19	3.87	2.93	0.76	405	3.87	2.93	0.76	449	3.87	2.93	0.76	492	4.30	3.25	0.76	521
	27	20	3.99	2.78	0.70	425	3.99	2.78	0.70	469	3.99	2.78	0.70	512	4.43	3.08	0.70	541
	27	22	4.23	2.44	0.58	464	4.23	2.44	0.58	508	4.23	2.44	0.58	551	4.70	2.71	0.58	580
130%	27	24	4.48	2.04	0.46	504	4.48	2.04	0.46	548	4.48	2.04	0.46	591	4.98	2.27	0.46	620
	27	26	4.71	1.58	0.34	544	4.71	1.58	0.34	588	4.71	1.58	0.34	631	5.23	1.76	0.34	660
	28	18	3.80	3.25	0.86	385	3.80	3.25	0.86	429	3.80	3.25	0.86	472	4.22	3.61	0.86	501
	28	20	3.99	2.94	0.74	425	3.99	2.94	0.74	469	3.99	2.94	0.74	512	4.43	3.26	0.74	541
	28	22	4.23	2.60	0.62	464	4.23	2.60	0.62	508	4.23	2.60	0.62	551	4.70	2.89	0.62	580
	28	24	4.48	2.22	0.50	504	4.48	2.22	0.50	548	4.48	2.22	0.50	591	4.98	2.47	0.50	620
	28	26	4.71	1.77	0.38	544	4.71	1.77	0.38	588	4.71	1.77	0.38	631	5.23	1.97	0.38	660
	29	18	3.80	3.33	0.88	385	3.80	3.33	0.88	429	3.80	3.33	0.88	472	4.22	3.69	0.88	501
	29	20	3.99	3.10	0.78	425	3.99	3.10	0.78	469	3.99	3.10	0.78	512	4.43	3.44	0.78	541
	29	22	4.23	2.77	0.66	464	4.23	2.77	0.66	508	4.23	2.77	0.66	551	4.70	3.08	0.66	580
	29	24	4.48	2.40	0.54	504	4.48	2.40	0.54	548	4.48	2.40	0.54	591	4.98	2.67	0.54	620
	29	26	4.71	1.96	0.42	544	4.71	1.96	0.42	588	4.71	1.96	0.42	631	5.23	2.17	0.42	660
	30	18	3.80	3.33	0.88	385	3.80	3.33	0.88	429	3.80	3.33	0.88	472	4.22	3.69	0.88	501
	30	20	3.99	3.26	0.82	425	3.99	3.26	0.82	469	3.99	3.26	0.82	512	4.43	3.62	0.82	541
	30	22	4.23	2.94	0.70	464	4.23	2.94	0.70	508	4.23	2.94	0.70	551	4.70	3.27	0.70	580
	30	24	4.48	2.58	0.58	504	4.48	2.58	0.58	548	4.48	2.58	0.58	591	4.98	2.87	0.58	620
	30	26	4.71	2.15	0.46	544	4.71	2.15	0.46	588	4.71	2.15	0.46	631	5.23	2.38	0.46	660
	31	18	3.80	3.33	0.88	385	3.80	3.33	0.88	429	3.80	3.33	0.88	472	4.22	3.69	0.88	501
	31	20	3.99	3.42	0.86	425	3.99	3.42	0.86	469	3.99	3.42	0.86	512	4.43	3.79	0.86	541
	31	22	4.23	3.11	0.74	464	4.23	3.11	0.74	508	4.23	3.11	0.74	551	4.70	3.46	0.74	580
	31	24	4.48	2.76	0.62	504	4.48	2.76	0.62	548	4.48	2.76	0.62	591	4.98	3.07	0.62	620
	31	26	4.71	2.33	0.50	544	4.71	2.33	0.50	588	4.71	2.33	0.50	631	5.23	2.59	0.50	660
	32	18	3.80	3.33	0.88	385	3.80	3.33	0.88	429	3.80	3.33	0.88	472	4.22	3.69	0.88	501
	32	20	3.99	3.49	0.88	425	3.99	3.49	0.88	469	3.99	3.49	0.88	512	4.43	3.88	0.88	541
	32	22	4.23	3.28	0.78	464	4.23	3.28	0.78	508	4.23	3.28	0.78	551	4.70	3.64	0.78	580
	32	24	4.48	2.94	0.66	504	4.48	2.94	0.66	548	4.48	2.94	0.66	591	4.98	3.27	0.66	620
	32	26	4.71	2.52	0.54	544	4.71	2.52	0.54	588	4.71	2.52	0.54	631	5.23	2.80	0.54	660

IDDB (°C)	ID WB (°C)	15				21				25				27			
		Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
21	18	4.22	2.43	0.58	559	6.41	3.69	0.58	1166	6.14	3.54	0.58	1226	5.90	3.40	0.58	1282
21	20	4.43	2.02	0.46	599	6.74	3.07	0.46	1198	6.45	2.94	0.46	1260	6.20	2.83	0.46	1318
22	18	4.22	2.60	0.62	559	6.41	3.95	0.62	1166	6.14	3.78	0.62	1226	5.90	3.64	0.62	1282
22	20	4.43	2.20	0.50	599	6.74	3.34	0.50	1198	6.45	3.20	0.50	1260	6.20	3.08	0.50	1318
22	22	4.70	1.77	0.38	638	7.15	2.69	0.38	1230	6.84	2.57	0.38	1293	6.58	2.47	0.38	1353
23	18	4.22	2.77	0.66	559	6.41	4.21	0.66	1166	6.14	4.03	0.66	1226	5.90	3.87	0.66	1282
23	20	4.43	2.38	0.54	599	6.74	3.61	0.54	1198	6.45	3.46	0.54	1260	6.20	3.32	0.54	1318
23	22	4.70	1.95	0.42	638	7.15	2.97	0.42	1230	6.84	2.84	0.42	1293	6.58	2.74	0.42	1353
24	18	4.22	2.93	0.70	559	6.41	4.46	0.70	1166	6.14	4.27	0.70	1226	5.90	4.11	0.70	1282
24	20	4.43	2.55	0.58	599	6.74	3.88	0.58	1198	6.45	3.72	0.58	1260	6.20	3.57	0.58	1318
24	22	4.70	2.14	0.46	638	7.15	3.26	0.46	1230	6.84	3.12	0.46	1293	6.58	3.00	0.46	1353
24	24	4.98	1.67	0.34	678	7.58	2.54	0.34	1263	7.25	2.44	0.34	1328	6.97	2.34	0.34	1389
25	18	4.22	3.10	0.74	559	6.41	4.72	0.74	1166	6.14	4.52	0.74	1226	5.90	4.34	0.74	1282
25	20	4.43	2.73	0.62	599	6.74	4.15	0.62	1198	6.45	3.97	0.62	1260	6.20	3.82	0.62	1318
25	22	4.70	2.33	0.50	638	7.15	3.54	0.50	1230	6.84	3.39	0.50	1293	6.58	3.26	0.50	1353
25	24	4.98	1.87	0.38	678	7.58	2.85	0.38	1263	7.25	2.73	0.38	1328	6.97	2.62	0.38	1389
26	18	4.22	3.27	0.78	559	6.41	4.98	0.78	1166	6.14	4.76	0.78	1226	5.90	4.58	0.78	1282
26	20	4.43	2.91	0.66	599	6.74	4.42	0.66	1198	6.45	4.23	0.66	1260	6.20	4.07	0.66	1318
26	22	4.70	2.52	0.54	638	7.15	3.83	0.54	1230	6.84	3.67	0.54	1293	6.58	3.52	0.54	1353
26	24	4.98	2.07	0.42	678	7.58	3.15	0.42	1263	7.25	3.02	0.42	1328	6.97	2.90	0.42	1389
26	26	5.23	1.55	0.30	718	7.95	2.35	0.30	1295	7.61	2.25	0.30	1362	7.32	2.17	0.30	1425
27	18	4.22	3.44	0.82	559	6.41	5.23	0.82	1166	6.14	5.01	0.82	1226	5.90	4.82	0.82	1282
27	19	4.30	3.25	0.76	579	6.55	4.95	0.76	1182	6.26	4.74	0.76	1243	6.02	4.55	0.76	1300
27	20	4.43	3.08	0.70	599	6.74	4.69	0.70	1198	6.45	4.49	0.70	1260	6.20	4.32	0.70	1318
27	22	4.70	2.71	0.58	638	7.15	4.12	0.58	1230	6.84	3.94	0.58	1293	6.58	3.79	0.58	1353
27	24	4.98	2.27	0.46	678	7.58	3.45	0.46	1263	7.25	3.31	0.46	1328	6.97	3.18	0.46	1389
27	26	5.23	1.76	0.34	718	7.95	2.67	0.34	1295	7.61	2.56	0.34	1362	7.32	2.46	0.34	1425
28	18	4.22	3.61	0.86	559	6.41	5.49	0.86	1166	6.14	5.25	0.86	1226	5.90	5.05	0.86	1282
28	20	4.43	3.26	0.74	599	6.74	4.96	0.74	1198	6.45	4.75	0.74	1260	6.20	4.57	0.74	1318
28	22	4.70	2.89	0.62	638	7.15	4.40	0.62	1230	6.84	4.21	0.62	1293	6.58	4.05	0.62	1353
28	24	4.98	2.47	0.50	678	7.58	3.76	0.50	1263	7.25	3.60	0.50	1328	6.97	3.46	0.50	1389
28	26	5.23	1.97	0.38	718	7.95	2.99	0.38	1295	7.61	2.86	0.38	1362	7.32	2.75	0.38	1425
29	18	4.22	3.69	0.88	559	6.41	5.62	0.88	1166	6.14	5.38	0.88	1226	5.90	5.17	0.88	1282
29	20	4.43	3.44	0.78	599	6.74	5.23	0.78	1198	6.45	5.01	0.78	1260	6.20	4.81	0.78	1318
29	22	4.70	3.08	0.66	638	7.15	4.69	0.66	1230	6.84	4.49	0.66	1293	6.58	4.31	0.66	1353
29	24	4.98	2.67	0.54	678	7.58	4.06	0.54	1263	7.25	3.89	0.54	1328	6.97	3.74	0.54	1389
29	26	5.23	2.17	0.42	718	7.95	3.31	0.42	1295	7.61	3.17	0.42	1362	7.32	3.04	0.42	1425
30	18	4.22	3.69	0.88	559	6.41	5.62	0.88	1166	6.14	5.38	0.88	1226	5.90	5.17	0.88	1282
30	20	4.43	3.62	0.82	599	6.74	5.50	0.82	1198	6.45	5.26	0.82	1260	6.20	5.06	0.82	1318
30	22	4.70	3.27	0.70	638	7.15	4.97	0.70	1230	6.84	4.76	0.70	1293	6.58	4.58	0.70	1353
30	24	4.98	2.87	0.58	678	7.58	4.36	0.58	1263	7.25	4.18	0.58	1328	6.97	4.01	0.58	1389
30	26	5.23	2.38	0.46	718	7.95	3.63	0.46	1295	7.61	3.47	0.46	1362	7.32	3.34	0.46	1425
31	18	4.22	3.69	0.88	559	6.41	5.62	0.88	1166	6.14	5.38	0.88	1226	5.90	5.17	0.88	1282
31	20	4.43	3.79	0.86	599	6.74	5.77	0.86	1198	6.45	5.52	0.86	1260	6.20	5.31	0.86	1318
31	22	4.70	3.46	0.74	638	7.15	5.26	0.74	1230	6.84	5.03	0.74	1293	6.58	4.84	0.74	1353
31	24	4.98	3.07	0.62	678	7.58	4.67	0.62	1263	7.25	4.47	0.62	1328	6.97	4.29	0.62	1389
31	26	5.23	2.59	0.50	718	7.95	3.94	0.50	1295	7.61	3.77	0.50	1362	7.32	3.63	0.50	1425
32	18	4.22	3.69	0.88	559	6.41	5.62	0.88	1166	6.14	5.38	0.88	1226	5.90	5.17	0.88	1282
32	20	4.43	3.88	0.88	599	6.74	5.91	0.88	1198	6.45	5.65	0.88	1260	6.20	5.43	0.88	1318
32	22	4.70	3.64	0.78	638	7.15	5.55	0.78	1230	6.84	5.31	0.78	1293	6.58	5.10	0.78	1353
32	24	4.98	3.27	0.66	678	7.58	4.97	0.66	1263	7.25	4.76	0.66	1328	6.97	4.57	0.66	1389
32	26	5.23	2.80	0.54	718	7.95	4.26	0.54	1295	7.61	4.08	0.54	1362	7.32	3.92	0.54	1425

IDDB (°C)	ID WB (°C)	30				35				40				45				50			
		Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
21	18	5.68	3.27	0.58	1341	5.35	3.08	0.58	1428	4.92	2.83	0.58	1517	4.55	2.62	0.58	1574	3.77	2.17	0.58	1634
21	20	5.97	2.72	0.46	1379	5.63	2.57	0.46	1468	5.17	2.36	0.46	1559	4.78	2.18	0.46	1618	3.97	1.81	0.46	1680
22	18	5.68	3.50	0.62	1341	5.35	3.30	0.62	1428	4.92	3.03	0.62	1517	4.55	2.80	0.62	1574	3.77	2.32	0.62	1634
22	20	5.97	2.96	0.50	1379	5.63	2.79	0.50	1468	5.17	2.56	0.50	1559	4.78	2.37	0.50	1618	3.97	1.97	0.50	1680
22	22	6.32	2.38	0.38	1415	5.97	2.24	0.38	1507	5.48	2.06	0.38	1601	5.07	1.90	0.38	1661	4.20	1.58	0.38	1725
23	18	5.68	3.72	0.66	1341	5.35	3.51	0.66	1428	4.92	3.22	0.66	1517	4.55	2.98	0.66	1574	3.77	2.48	0.66	1634
23	20	5.97	3.20	0.54	1379	5.63	3.02	0.54	1468	5.17	2.77	0.54	1559	4.78	2.56	0.54	1618	3.97	2.13	0.54	1680
23	22	6.32	2.63	0.42	1415	5.97	2.48	0.42	1507	5.48	2.28	0.42	1601	5.07	2.11	0.42	1661	4.20	1.75	0.42	1725
24	18	5.68	3.95	0.70	1341	5.35	3.73	0.70	1428	4.92	3.42	0.70	1517	4.55	3.16	0.70	1574	3.77	2.63	0.70	1634
24	20	5.97	3.44	0.58	1379	5.63	3.24	0.58	1468	5.17	2.98	0.58	1559	4.78	2.75	0.58	1618	3.97	2.28	0.58	1680
24	22	6.32	2.88	0.46	1415	5.97	2.72	0.46	1507	5.48	2.50	0.46	1601	5.07	2.31	0.46	1661	4.20	1.92	0.46	1725
24	24	6.70	2.25	0.34	1453	6.32	2.12	0.34	1547	5.80	1.95	0.34	1643	5.37	1.80	0.34	1705	4.46	1.50	0.34	1770
25	18	5.68	4.18	0.74	1341	5.35	3.94	0.74	1428	4.92	3.62	0.74	1517	4.55	3.35	0.74	1574	3.77	2.78	0.74	1634
25	20	5.97	3.67	0.62	1379	5.63	3.47	0.62	1468	5.17	3.18	0.62	1559	4.78	2.94	0.62	1618	3.97	2.44	0.62	1680
25	22	6.32	3.14	0.50	1415	5.97	2.96	0.50	1507	5.48	2.72	0.50	1601	5.07	2.51	0.50	1661	4.20	2.08	0.50	1725
25	24	6.70	2.52	0.38	1453	6.32	2.38	0.38	1547	5.80	2.18	0.38	1643	5.37	2.02	0.38	1705	4.46	1.68	0.38	1770
26	18	5.68	4.40	0.78	1341	5.35	4.15	0.78	1428	4.92	3.81	0.78	1517	4.55	3.53	0.78	1574	3.77	2.93	0.78	1634
26	20	5.97	3.91	0.66	1379	5.63	3.69	0.66	1468	5.17	3.39	0.66	1559	4.78	3.13	0.66	1618	3.97	2.60	0.66	1680
26	22	6.32	3.39	0.54	1415	5.97	3.20	0.54	1507	5.48	2.93	0.54	1601	5.07	2.71	0.54	1661	4.20	2.25	0.54	1725
26	24	6.70	2.79	0.42	1453	6.32	2.63	0.42	1547	5.80	2.41	0.42	1643	5.37	2.23	0.42	1705	4.46	1.85	0.42	1770
26	26	7.04	2.08	0.30	1490	6.64	1.96	0.30	1587	6.09	1.80	0.30	1686	5.64	1.67	0.30	1750	4.68	1.38	0.30	1816
27	18	5.68	4.63	0.82	1341	5.35	4.37	0.82	1428	4.92	4.01	0.82	1517	4.55	3.71	0.82	1574	3.77	3.08	0.82	1634
27	19	5.79	4.38	0.76	1360	5.46	4.13	0.76	1448	5.02	3.79	0.76	1538	4.64	3.51	0.76	1596	3.85	2.91	0.76	1657
27	20	5.97	4.15	0.70	1379	5.63	3.92	0.70	1468	5.17	3.60	0.70	1559	4.78	3.33	0.70	1618	3.97	2.76	0.70	1680
27	22	6.32	3.64	0.58	1415	5.97	3.44	0.58	1507	5.48	3.15	0.58	1601	5.07	2.92	0.58	1661	4.20	2.42	0.58	1725
27	24	6.70	3.06	0.46	1453	6.32	2.88	0.46	1547	5.80	2.65	0.46	1643	5.37	2.45	0.46	1705	4.46	2.03	0.46	1770
27	26	7.04	2.36	0.34	1490	6.64	2.23	0.34	1587	6.09	2.05	0.34	1686	5.64	1.89	0.34	1750	4.68	1.57	0.34	1816
28	18	5.68	4.86	0.86	1341	5.35	4.58	0.86	1428	4.92	4.21	0.86	1517	4.55	3.89	0.86	1574	3.77	3.23	0.86	1634
28	20	5.97	4.39	0.74	1379	5.63	4.14	0.74	1468	5.17	3.80	0.74	1559	4.78	3.52	0.74	1618	3.97	2.92	0.74	1680
28	22	6.32	3.89	0.62	1415	5.97	3.67	0.62	1507	5.48	3.37	0.62	1601	5.07	3.12	0.62	1661	4.20	2.59	0.62	1725
28	24	6.70	3.32	0.50	1453	6.32	3.14	0.50	1547	5.80	2.88	0.50	1643	5.37	2.66	0.50	1705	4.46	2.21	0.50	1770
28	26	7.04	2.65	0.38	1490	6.64	2.50	0.38	1587	6.09	2.29	0.38	1686	5.64	2.12	0.38	1750	4.68	1.76	0.38	1816
29	18	5.68	4.97	0.88	1341	5.35	4.69	0.88	1428	4.92	4.31	0.88	1517	4.55	3.98	0.88	1574	3.77	3.31	0.88	1634
29	20	5.97	4.63	0.78	1379	5.63	4.37	0.78	1468	5.17	4.01	0.78	1559	4.78	3.71	0.78	1618	3.97	3.08	0.78	1680
29	22	6.32	4.15	0.66	1415	5.97	3.91	0.66	1507	5.48	3.59	0.66	1601	5.07	3.32	0.66	1661	4.20	2.76	0.66	1725
29	24	6.70	3.59	0.54	1453	6.32	3.39	0.54	1547	5.80	3.11	0.54	1643	5.37	2.88	0.54	1705	4.46	2.39	0.54	1770
29	26	7.04	2.93	0.42	1490	6.64	2.76	0.42	1587	6.09	2.53	0.42	1686	5.64	2.34	0.42	1750	4.68	1.95	0.42	1816
30	18	5.68	4.97	0.88	1341	5.35	4.69	0.88	1428	4.92	4.31	0.88	1517	4.55	3.98	0.88	1574	3.77	3.31	0.88	1634
30	20	5.97	4.87	0.82	1379	5.63	4.59	0.82	1468	5.17	4.22	0.82	1559	4.78	3.90	0.82	1618	3.97	3.24	0.82	1680
30	22	6.32	4.40	0.70	1415	5.97	4.15	0.70	1507	5.48	3.81	0.70	1601	5.07	3.53	0.70	1661	4.20	2.93	0.70	1725
30	24	6.70	3.86	0.58	1453	6.32	3.64	0.58	1547	5.80	3.34	0.58	1643	5.37	3.09	0.58	1705	4.46	2.57	0.58	1770
30	26	7.04	3.21	0.46	1490	6.64	3.03	0.46	1587	6.09	2.78	0.46	1686	5.64	2.57	0.46	1750	4.68	2.13	0.46	1816
31	18	5.68	4.97	0.88	1341	5.35	4.69	0.88	1428	4.92	4.31	0.88	1517	4.55	3.98	0.88	1574	3.77	3.31	0.88	1634
31	20	5.97	5.11	0.86	1379	5.63	4.82	0.86	1468	5.17	4.42	0.86	1559	4.78	4.09	0.86	1618	3.97	3.39	0.86	1680
31	22	6.32	4.65	0.74	1415	5.97	4.39	0.74	1507	5.48	4.03	0.74	1601	5.07	3.73	0.74	1661	4.20	3.09	0.74	1725
31	24	6.70	4.13	0.62	1453	6.32	3.89	0.62	1547	5.80	3.58	0.62	1643	5.37	3.31	0.62	1705	4.46	2.74	0.62	1770
31	26	7.04	3.49	0.50	1490	6.64	3.29	0.50	1587	6.09	3.02	0.50	1686	5.64	2.80	0.50	1750	4.68	2.32	0.50	1816
32	18	5.68	4.97	0.88	1341	5.35	4.69	0.88	1428	4.92	4.31	0.88	1517	4.55	3.98	0.88	1574	3.77	3.31	0.88	1634
32	20	5.97	5.23	0.88	1379	5.63	4.93	0.88	1468	5.17	4.53	0.88	1559	4.78	4.19	0.88	1618	3.97	3.47	0.88	1680
32	22	6.32	4.91	0.78	1415	5.97	4.63	0.78	1507	5.48	4.25	0.78	1601	5.07	3.93	0.78	1661	4.20	3.26	0.78	1725
32	24	6.70	4.40	0.66	1453	6.32	4.15	0.66	1547	5.80	3.81	0.66	1643	5.37	3.52	0.66	1705	4.46	2.92	0.66	1770
32	26	7.04	3.77	0.54	1490	6.64	3.56	0.54	1587	6.09	3.27	0.54	1686	5.64	3.02	0.54	1750	4.68	2.51	0.54	1816

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA																																																	
			OUTDOOR DB (°C)																																																	
			-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
120%	21	18	3.69	2.21	0.60	366	3.69	2.21	0.60	408	3.69	2.21	0.60	449	4.09	2.45	0.60	477	4.09	2.45	0.60	532	6.23	3.73	0.60	1109	5.96	3.57	0.60	1166	5.73	3.43	0.60	1220	5.51	3.30	0.60	1276	5.20	3.12	0.60	1359	4.77	2.86	0.60	1443	4.41	2.65	0.60	1498	3.66	2.20	0.60	1555
	21	20	3.87	1.86	0.48	406	3.87	1.86	0.48	448	3.87	1.86	0.48	489	4.30	2.06	0.48	517	4.30	2.06	0.48	572	6.55	3.14	0.48	1142	6.26	3.00	0.48	1201	6.02	2.89	0.48	1256	5.79	2.78	0.48	1314	5.46	2.62	0.48	1399	5.02	2.40	0.48	1486	4.64	2.22	0.48	1542	3.85	1.85	0.48	1601
	22	18	3.69	2.36	0.64	366	3.69	2.36	0.64	408	3.69	2.36	0.64	449	4.09	2.62	0.64	477	4.09	2.62	0.64	532	6.23	3.98	0.64	1109	5.96	3.81	0.64	1166	5.73	3.66	0.64	1220	5.51	3.52	0.64	1276	5.20	3.32	0.64	1359	4.77	3.05	0.64	1443	4.41	2.82	0.64	1498	3.66	2.34	0.64	1555
	22	20	3.87	2.01	0.52	406	3.87	2.01	0.52	448	3.87	2.01	0.52	489	4.30	2.23	0.52	517	4.30	2.23	0.52	572	6.55	3.40	0.52	1142	6.26	3.25	0.52	1201	6.02	3.13	0.52	1256	5.79	3.01	0.52	1314	5.46	2.84	0.52	1399	5.02	2.60	0.52	1486	4.64	2.41	0.52	1542	3.85	2.00	0.52	1601
	22	22	4.11	1.64	0.40	445	4.11	1.64	0.40	487	4.11	1.64	0.40	528	4.56	1.82	0.40	556	4.56	1.82	0.40	611	6.94	2.77	0.40	1174	6.64	2.65	0.40	1234	6.38	2.55	0.40	1291	6.14	2.45	0.40	1350	5.79	2.31	0.40	1438	5.32	2.12	0.40	1527	4.92	1.96	0.40	1585	4.08	1.63	0.40	1646
	23	18	3.69	2.50	0.68	366	3.69	2.50	0.68	408	3.69	2.50	0.68	449	4.09	2.78	0.68	477	4.09	2.78	0.68	532	6.23	4.23	0.68	1109	5.96	4.05	0.68	1166	5.73	3.89	0.68	1220	5.51	3.74	0.68	1276	5.20	3.53	0.68	1359	4.77	3.24	0.68	1443	4.41	3.00	0.68	1498	3.66	2.49	0.68	1555
	23	20	3.87	2.17	0.56	406	3.87	2.17	0.56	448	3.87	2.17	0.56	489	4.30	2.41	0.56	517	4.30	2.41	0.56	572	6.55	3.66	0.56	1142	6.26	3.50	0.56	1201	6.02	3.37	0.56	1256	5.79	3.24	0.56	1314	5.46	3.06	0.56	1399	5.02	2.81	0.56	1486	4.64	2.59	0.56	1542	3.85	2.15	0.56	1601
	23	22	4.11	1.80	0.44	445	4.11	1.80	0.44	487	4.11	1.80	0.44	528	4.56	2.00	0.44	556	4.56	2.00	0.44	611	6.94	3.05	0.44	1174	6.64	2.92	0.44	1234	6.38	2.80	0.44	1291	6.14	2.70	0.44	1350	5.79	2.54	0.44	1438	5.32	2.34	0.44	1527	4.92	2.16	0.44	1585	4.08	1.79	0.44	1646
	24	18	3.69	2.65	0.72	366	3.69	2.65	0.72	408	3.69	2.65	0.72	449	4.09	2.94	0.72	477	4.09	2.94	0.72	532	6.23	4.48	0.72	1109	5.96	4.29	0.72	1166	5.73	4.12	0.72	1220	5.51	3.96	0.72	1276	5.20	3.74	0.72	1359	4.77	3.43	0.72	1443	4.41	3.18	0.72	1498	3.66	2.64	0.72	1555
	24	20	3.87	2.32	0.60	406	3.87	2.32	0.60	448	3.87	2.32	0.60	489	4.30	2.58	0.60	517	4.30	2.58	0.60	572	6.55	3.92	0.60	1142	6.26	3.75	0.60	1201	6.02	3.61	0.60	1256	5.79	3.47	0.60	1314	5.46	3.27	0.60	1399	5.02	3.01	0.60	1486	4.64	2.78	0.60	1542	3.85	2.31	0.60	1601
	24	22	4.11	1.97	0.48	445	4.11	1.97	0.48	487	4.11	1.97	0.48	528	4.56	2.19	0.48	556	4.56	2.19	0.48	611	6.94	3.33	0.48	1174	6.64	3.18	0.48	1234	6.38	3.06	0.48	1291	6.14	2.94	0.48	1350	5.79	2.78	0.48	1438	5.32	2.55	0.48	1527	4.92	2.36	0.48	1585	4.08	1.96	0.48	1646
	24	24	4.35	1.56	0.36	485	4.35	1.56	0.36	527	4.35	1.56	0.36	568	4.83	1.74	0.36	596	4.83	1.74	0.36	651	7.35	2.64	0.36	1206	7.04	2.53	0.36	1269	6.77	2.43	0.36	1327	6.51	2.34	0.36	1388	6.14	2.21	0.36	1478	5.64	2.02	0.36	1570	5.21	1.87	0.36	1629	4.33	1.55	0.36	1691
	25	18	3.69	2.80	0.76	366	3.69	2.80	0.76	408	3.69	2.80	0.76	449	4.09	3.11	0.76	477	4.09	3.11	0.76	532	6.23	4.73	0.76	1109	5.96	4.53	0.76	1166	5.73	4.35	0.76	1220	5.51	4.18	0.76	1276	5.20	3.95	0.76	1359	4.77	3.62	0.76	1443	4.41	3.35	0.76	1498	3.66	2.78	0.76	1555
	25	20	3.87	2.48	0.64	406	3.87	2.48	0.64	448	3.87	2.48	0.64	489	4.30	2.75	0.64	517	4.30	2.75	0.64	572	6.55	4.18	0.64	1142	6.26	4.00	0.64	1201	6.02	3.85	0.64	1256	5.79	3.70	0.64	1314	5.46	3.49	0.64	1399	5.02	3.21	0.64	1486	4.64	2.97	0.64	1542	3.85	2.46	0.64	1601
	25	22	4.11	2.13	0.52	445	4.11	2.13	0.52	487	4.11	2.13	0.52	528	4.56	2.37	0.52	556	4.56	2.37	0.52	611	6.94	3.60	0.52	1174	6.64	3.45	0.52	1234	6.38	3.32	0.52	1291	6.14	3.19	0.52	1350	5.79	3.01	0.52	1438	5.32	2.76	0.52	1527	4.92	2.55	0.52	1585	4.08	2.12	0.52	1646
	25	24	4.35	1.74	0.40	485	4.35	1.74	0.40	527	4.35	1.74	0.40	568	4.83	1.93	0.40	596	4.83	1.93	0.40	651	7.35	2.94	0.40	1206	7.04	2.81	0.40	1269	6.77	2.70	0.40	1327	6.51	2.60	0.40	1388	6.14	2.45	0.40	1478	5.64	2.25	0.40	1570	5.21	2.08	0.40	1629	4.33	1.73	0.40	1691
	26	18	3.69	2.95	0.80	366	3.69	2.95	0.80	408	3.69	2.95	0.80	449	4.09	3.27	0.80	477	4.09	3.27	0.80	532	6.23	4.98	0.80	1109	5.96	4.76	0.80	1166	5.73	4.58	0.80	1220	5.51	4.40	0.80	1276	5.20	4.16	0.80	1359	4.77	3.81	0.80	1443	4.41	3.53	0.80	1498	3.66	2.93	0.80	1555
	26	20	3.87	2.63	0.68	406	3.87	2.63	0.68	448	3.87	2.63	0.68	489	4.30	2.92	0.68	517	4.30	2.92	0.68	572	6.55	4.45	0.68	1142	6.26	4.26	0.68	1201	6.02	4.09	0.68	1256	5.79	3.93	0.68	1314	5.46	3.71	0.68	1399	5.02	3.41	0.68	1486	4.64	3.15	0.68	1542	3.85	2.62	0.68	1601
	26	22	4.11	2.30	0.56	445	4.11	2.30	0.56	487	4.11	2.30	0.56	528	4.56	2.55	0.56	556	4.56	2.55	0.56	611	6.94	3.88	0.56	1174	6.64	3.71	0.56	1234	6.38	3.57	0.56	1291	6.14	3.43	0.56	1350	5.79	3.24	0.56	1438	5.32	2.97	0.56	1527	4.92	2.75	0.56	1585	4.08	2.28	0.56	1646
	26	24	4.35	1.91	0.44	485	4.35	1.91	0.44	527	4.35	1.91	0.44	568	4.83	2.12	0.44	596	4.83	2.12	0.44	651	7.35	3.23	0.44	1206	7.04	3.09	0.44	1269	6.77	2.97	0.44	1327	6.51	2.86	0.44	1388	6.14	2.70	0.44	1478	5.64	2.48	0.44	1570	5.21	2.29	0.44	1629	4.33	1.90	0.44	1691
	26	26	4.57	1.46	0.32	525	4.57	1.46	0.32	567	4.57	1.46	0.32	608	5.08	1.62	0.32	636	5.08	1.62	0.32	691	7.72	2.47	0.32	1239	7.39	2.36	0.32	1303	7.11	2.27	0.32	1363	6.83	2.18	0.32	1426	6.45	2.06	0.32	1518	5.92	1.89	0.32	1612	5.47	1.75	0.32	1674	4.54	1.45	0.32	1737
	27	18	3.69	3.09	0.84	366	3.69	3.09	0.84	408	3.69	3.09	0.84	449	4.09	3.44	0.84	477	4.09	3.44	0.84	532	6.23	5.23	0.84	1109	5.96	5.00	0.84	1166	5.73	4.81	0.84	1220	5.51	4.62	0.84	1276	5.20	4.36	0.84	1359	4.77	4.01	0.84	1443	4.41	3.70	0.84	1498	3.66	3.08	0.84	1555
	27	19	3.76	2.93	0.78	386	3.76	2.93	0.78	428	3.76	2.93	0.78	469	4.18	3.26	0.78	497	4.18	3.26	0.78	552	6.36	4.95	0.78	1126	6.08	4.74	0.78	1184	5.85	4.56	0.78	1238	5.62	4.38	0.78	1295	5.30	4.13	0.78	1379	4.87	3.79	0.78	1465	4.50	3.51	0.78	1520	3.74	2.91	0.78	1578
	27	20	3.87	2.79	0.72	406	3.87	2.79	0.72	448	3.87	2.79	0.72	489	4.30	3.09	0.72	517	4.30	3.09	0.72	572	6.55	4.71	0.72	1142	6.26	4.51	0.72	1201	6.02	4.33	0.72	1256	5.79	4.17	0.72	1314	5.46	3.93	0.72	1399	5.02	3.61	0.72	1486	4.64	3.34	0.72	1542	3.85	2.77	0.72	1601
	27	22	4.11	2.46	0.60	445	4.11	2.46	0.60	487	4.11	2.46	0.60	528	4.56	2.73	0.60	556	4.56	2.73	0.60	611	6.94	4.16	0.60	1174	6.64	3.98	0.60	1234	6.38	3.83	0.60	1291	6.14	3.68	0.60	1350	5.79	3.47	0.60	1438	5.32	3.19	0.60	1527	4.92	2.95	0.60	1585	4.08	2.45	0.60	1646
	27	24	4.35	2.09	0.48	485	4.35	2.09	0.48	527	4.35	2.09	0.48	568	4.83	2.32	0.48	596	4.83	2.32	0.48	651	7.35	3.53	0.48	1206	7.04	3.37	0.48	1269	6.77	3.24	0.48	1327	6.51	3.12	0.48	1388	6.14	2.94	0.48	1478	5.64	2.70	0.48	1570	5.21	2.50	0.48	1629	4.33	2.07	0.48	1691
	27	26	4.57	1.64	0.36	525	4.57	1.64	0.36	567	4.57	1.64	0.36	608	5.08	1.82	0.36	636	5.08	1.82	0.36	691	7.72	2.77	0.36	1239	7.39	2.66	0.36	1303	7.11	2.55	0.36	1363	6.83	2.45	0.36	1426	6.45	2.32	0.36	1518	5.92	2.13	0.36	1612	5.47	1.97	0.36	1674	4.54	1.63	0.36	1737
	28	18	3.69	3.24	0.88	366	3.69	3.24	0.88	408	3.69	3.24	0.88	449	4.09	3.60	0.88	477	4.09	3.60	0.88	532	6.23	5.48	0.88	1109	5.96	5.24	0.88	1166	5.73	5.04	0.88	1220	5.51	4.85	0.88	1276	5.20	4.57	0.88	1359	4.77	4.20	0.88	1443	4.41	3.88	0.88	1498	3.66	3.22	0.88	1555
	28	20	3.87	2.94	0.76	406	3.87	2.94	0.76	448	3.87	2.94	0.76	489	4.30	3.27	0.76	517	4.30	3.27	0.76	572	6.55	4.97	0.76	1142	6.26	4.76	0.76	1201	6.02	4.57	0.76	1256	5.79	4.40	0.76	1314	5.46	4.15	0.76	1399	5.02	3.81	0.76	1486	4.64	3.52	0.76	1542	3.85	2.92	0.76	1601
	28	22	4.11	2.63	0.64	445	4.11	2.63	0.64	487	4.11	2.63	0.64	528	4.56	2.92	0.64	556	4.56	2.92	0.64	611	6.94	4.44	0.64	1174	6.64	4.24	0.64	1234	6.38	4.08	0.64	1291	6.14	3.92	0.64	1350	5.79	3.70	0.64	1438	5.32	3.40	0.64	1527	4.92	3.14	0.64	1585	4.08	2.61	0.64	1646
	28	24	4.35	2.26	0.52	485	4.35	2.26	0.52	527	4.35	2.26	0.52	568	4.83	2.51	0.52	596	4.83	2.51	0.52	651	7.35	3.82	0.52	1206	7.04	3.65	0.52	1269	6.77	3.51	0.52	1327	6.51	3.38	0.52	1388	6.14	3.19	0.52	1478	5.64	2.93	0.52	1570	5.21	2.71	0.52	1629	4.33	2.25	0.52	1691
	28	26	4.57	1.82	0.40	525	4.57	1.82	0.40	567	4.57	1.82	0.40	608	5.08	2.03	0.40	636	5.08	2.03	0.40	691	7.72	3.08	0.40	1239	7.39	2.95	0.40	1303	7.11	2.84	0.40	1363	6.83	2.73	0.40	1426	6.45	2.57	0.40	1518	5.92	2.36	0.40	1612	5.47	2.19	0.40	1674	4.54	1.81	0.40	1737
	29	18	3.69	3.31	0.90	366	3.69	3.31	0.90	408	3.69	3.31	0.90	449	4.09	3.68	0.90	477	4.09	3.68	0.90	532	6.23	5.60	0.90	1109	5.96	5.36	0.90	1166	5.73	5.15	0.90	1220	5.51	4.96	0.90	1276	5.20	4.67	0.90	1359	4.77	4.29	0.90	1443	4.41	3.97	0.90	1498	3.66	3.29	0.90	1555
	29	20	3.87	3.10	0.80	406	3.87	3.10	0.80	448	3.87	3.10	0.80	489	4.30	3.44	0.80	517	4.30	3.44	0.80	572	6.55	5.23	0.80	1142	6.26	5.01	0.80	1201	6.02	4.81	0.80	1256	5.79	4.63	0.80	1314	5.46	4.37	0.80	1399	5.02	4.01	0.80	1486	4.64	3.71	0.80	1542	3.85	3.08	0.80	1601
	29	22	4.11	2.79	0.68	445	4.11	2.79	0.68	487	4.11	2.79	0.68	528	4.56	3.10	0.68	556	4.56	3.10	0.68	611	6.94	4.71	0.68	1174	6.64	4.51	0.68	1234	6.38	4.34	0.68	1291	6.14	4.17	0.68	1350	5.79	3.93	0.68	1438	5.32	3.61	0.68	1527	4.92	3.34	0.68	1585	4.08	2.77	0.68	1646
	29	24	4.35	2.43	0.56	485	4.35	2.43	0.56	527	4.35	2.43	0.56	568	4.83	2.70	0.56	596	4.83	2.70	0.56	651	7.35	4.11	0.56	1206	7.04	3.94	0.56	1269	6.77	3.79	0.56	1327	6.51	3.64	0.56	1388	6.14	3.43	0.56	1478	5.64	3.15	0.56	1570	5.21	2.92	0.56	1629	4.33	2.42	0.56	1691
	29	26	4.57	2.01	0.44	525	4.57	2.01	0.44	567	4.57	2.01	0.44	608	5.08	2.23	0.44	636	5.08	2.23	0.44	691	7.72	3.39	0.44	1239	7.39	3.25	0.44	1303	7.11	3.12	0.44	1363	6.83	3.00	0.44	1426	6.45	2.83	0.44	1518	5.92	2.60	0.44	1612	5.47	2.40	0.44	1674	4.54	2.00	0.44	1737
	30	18	3.69	3.31	0.90	366	3.69	3.31	0.90	408	3.69	3.31	0.90	449	4.09	3.68	0.90	477	4.09	3.68	0.90	532	6.23	5.60	0.90	1109	5.96	5.36	0.90	1166	5.73	5.15	0.90	1220	5.51	4.96	0.90	1276	5.20	4.67	0.90	1359	4.77	4.29	0.90	1443	4.41	3.97	0.90	1498	3.66	3.29	0.90	1555
	30	20	3.87	3.25	0.84	406	3.87	3.25	0.84	448	3.87	3.25	0.84	489	4.30	3.61	0.84	517	4.30	3.61	0.84	572	6.55	5.49	0.84	1142	6.26	5.26	0.84	1201	6.02	5.06	0.84	1256	5.79	4.86	0.84	1314	5.46	4.59	0.84	1399	5.02	4.21	0.84	1486	4.64	3.89	0.84	1542	3.85	3.23	0.84	1601
	30	22	4.11	2.95	0.72	445	4.11	2.95	0.72	487	4.11	2.95	0.72	528	4.56	3.28	0.72	556	4.56	3.28	0.72	611	6.94	4.99	0.72	1174	6.64	4.78	0.72	1234	6.38	4.59	0.72	1291	6.14	4.42	0.72	1350	5.79	4.17	0.72	1438	5.32	3.82	0.72	1527	4.92	3.54	0.72	1585	4.08	2.94	0.72	1646
	30	24	4.35	2.61	0.60	485	4.35	2.61	0.60	527	4.35	2.61	0.60	568	4.83	2.90	0.60	596	4.83	2.90	0.60	651	7.35	4.41	0.60	1206	7.04	4.22	0.60	1269	6.77	4.06	0.60	1327	6.51	3.90	0.60	1388	6.14	3.68	0.60	1478	5.64	3.38	0.60	1570	5.21	3.12	0.60	1629	4.33	2.59	0.60	1691
	30	26	4.57	2.19	0.48	525	4.57	2.19	0.48	567	4.57	2.19	0.48	608	5.08	2.43	0.48	636	5.08	2.43	0.48	691	7.72	3.70	0.48	1239	7.39	3.54	0.48	1303	7.11	3.41	0.48	1363	6.83	3.27	0.48	1426	6.45	3.09	0.48	1518	5.92	2.84	0.48	1612	5.47	2.62	0.48	1674	4.54	2.18	0.48	1737
	31	18	3.69	3.31	0.90	366	3.69	3.31	0.90	408	3.69	3.31	0.90	449	4.09	3.68	0.90	477	4.09	3.68	0.90	532	6.23	5.60	0.90	1109	5.96	5.36	0.90	1166	5.73	5.15	0.90	1220	5.51	4.96	0.90	1276	5.20	4.67	0.90	1359	4.77	4.29	0.90	1443	4.41	3.97	0.90	1498	3.66	3.29	0.90	1555
	31	20	3.87	3.41	0.88	406	3.87	3.41	0.88	448	3.87	3.41	0.88	489	4.30	3.78	0.88	517	4.30	3.78	0.88	572	6.55	5.76	0.88	1142	6.26	5.51	0.88	1201	6.02	5.30	0.88	1256	5.79	5.09	0.88	1314	5.46	4.80	0.88	1399	5.02	4.41	0.88	1486	4.64	4.08	0.88	1542	3.85	3.39	0.88	1601
	31	22	4.11	3.12	0.76	445	4.11	3.12	0.76	487	4.11	3.12	0.76	528	4.56	3.46	0.76	556	4.56	3.46	0.76	611	6.94	5.27	0.76	1174	6.64	5.04	0.76	1234	6.38	4.85	0.76	1291	6.14	4.66	0.76	1350	5.79	4.40	0.76	1438	5.32	4.04	0.76	1527	4.92	3.73	0.76	1585	4.08	3.10	0.76	1646
	31	24	4.35	2.78	0.64	485	4.35	2.78	0.64	527	4.35	2.78	0.64	568	4.83	3.09	0.64	596	4.83	3.09	0.64	651	7.35	4.70	0.64	1206	7.04	4.50	0.64	1269	6.77	4.33	0.64	1327	6.51	4.16	0.64	1388	6.14	3.92	0.64	1478	5.64	3.60	0.64	1570	5.21	3.33	0.64	1629	4.33	2.77	0.64	1691
	31	26	4.57	2.37	0.52	525	4.57	2.37	0.52	567	4.57	2.37	0.52	608	5.08	2.64	0.52	636	5.08	2.64	0.52	691	7.72	4.01	0.52	1239	7.39	3.84	0.52	1303	7.11	3.69	0.52	1363	6.83	3.55	0.52	1426	6.45	3.35	0.52	1518	5.92	3.07	0.52	1612	5.47	2.84	0.52	1674	4.54	2.36	0.52	1737
	32	18	3.69	3.31	0.90	366	3.69	3.31	0.90	408	3.69	3.31	0.90	449	4.09	3.68	0.90	477	4.09	3.68	0.90	532	6.23	5.60	0.90	1109	5.96	5.36	0.90	1166	5.73	5.15	0.90	1220	5.51	4.96	0.90	1276	5.20	4.67	0.90	1359	4.77	4.29	0.90	1443	4.41	3.97	0.90	1498	3.66	3.29	0.90	1555
	32	20	3.87	3.48	0.90	406	3.87	3.48	0.90	448	3.87	3.48	0.90	489	4.30	3.87	0.90	517	4.30	3.87	0.90	572	6.55	5.89	0.90	1142	6.26	5.63	0.90	1201	6.02	5.42	0.90	1256	5.79	5.21	0.90	1314	5.46	4.91	0.90	1399	5.02	4.51	0.90	1486	4.64	4.17	0.90	1542	3.85	3.46	0.90	1601
	32	22	4.11	3.28	0.80	445	4.11	3.28	0.80	487	4.11	3.28	0.80	528	4.56	3.65	0.80	556	4.56	3.65	0.80	611	6.94	5.55	0.80	1174	6.64	5.31	0.80	1234	6.38	5.10	0.80	1291	6.14	4.91	0.80	1350	5.79	4.63	0.80	1438	5.32	4.25	0.80	1527	4.92	3.93	0.80	1585	4.08	3.26	0.80	1646
	32	24	4.35	2.96	0.68	485	4.35	2.96	0.68	527	4.35	2.96	0.68	568	4.83	3.28	0.68	596	4.83	3.28	0.68	651	7.35	5.00	0.68	1206	7.04	4.78	0.68	1269	6.77	4.60	0.68	1327	6.51	4.42	0.68	1388	6.14	4.17	0.68	1478	5.64	3.83	0.68	1570	5.21	3.54	0.68	1629	4.33	2.94	0.68	1691
	32	26	4.57	2.56	0.56	525	4.57	2.56	0.56	567	4.57	2.56	0.56	608	5.08	2.84	0.56	636	5.08	2.84	0.56	691	7.72	4.32	0.56	1239	7.39	4.13	0.56	1303	7.11	3.97	0.56	1363	6.83	3.82	0.56	1426	6.45	3.61	0.56	1518	5.92	3.31	0.56	1612	5.47	3.06	0.56	1674	4.54	2.54	0.56	1737

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
110%	21	18	3.58	2.23	0.62	355	3.58	2.23	0.62	395	3.58	2.23	0.62	435	3.97	2.48	0.62	462	3.97	2.48	0.62	516	6.05	3.77	0.62	1076	5.79	3.61	0.62	1132	5.56	3.47	0.62	1184	5.35	3.34	0.62	1239	5.05	3.15	0.62	1319	4.63	2.89	0.62	1401	4.29	2.67	0.62	1454	3.56	2.22	0.62	1509
	21	20	3.76	1.89	0.50	395	3.76	1.89	0.50	435	3.76	1.89	0.50	475	4.18	2.10	0.50	502	4.18	2.10	0.50	556	6.36	3.20	0.50	1109	6.08	3.06	0.50	1166	5.85	2.94	0.50	1220	5.62	2.83	0.50	1276	5.30	2.67	0.50	1359	4.87	2.45	0.50	1443	4.50	2.27	0.50	1498	3.74	1.88	0.50	1555
	22	18	3.58	2.37	0.66	355	3.58	2.37	0.66	395	3.58	2.37	0.66	435	3.97	2.64	0.66	462	3.97	2.64	0.66	516	6.05	4.01	0.66	1076	5.79	3.84	0.66	1132	5.56	3.69	0.66	1184	5.35	3.55	0.66	1239	5.05	3.35	0.66	1319	4.63	3.07	0.66	1401	4.29	2.84	0.66	1454	3.56	2.36	0.66	1509
	22	20	3.76	2.04	0.54	395	3.76	2.04	0.54	435	3.76	2.04	0.54	475	4.18	2.27	0.54	502	4.18	2.27	0.54	556	6.36	3.45	0.54	1109	6.08	3.30	0.54	1166	5.85	3.18	0.54	1220	5.62	3.06	0.54	1276	5.30	2.88	0.54	1359	4.87	2.65	0.54	1443	4.50	2.45	0.54	1498	3.74	2.03	0.54	1555
	22	22	3.99	1.69	0.42	434	3.99	1.69	0.42	474	3.99	1.69	0.42	514	4.43	1.87	0.42	541	4.43	1.87	0.42	595	6.74	2.85	0.42	1141	6.45	2.73	0.42	1200	6.20	2.62	0.42	1255	5.96	2.52	0.42	1313	5.62	2.38	0.42	1398	5.16	2.19	0.42	1485	4.77	2.02	0.42	1541	3.96	1.68	0.42	1600
	23	18	3.58	2.52	0.70	355	3.58	2.52	0.70	395	3.58	2.52	0.70	435	3.97	2.80	0.70	462	3.97	2.80	0.70	516	6.05	4.25	0.70	1076	5.79	4.07	0.70	1132	5.56	3.91	0.70	1184	5.35	3.76	0.70	1239	5.05	3.55	0.70	1319	4.63	3.26	0.70	1401	4.29	3.01	0.70	1454	3.56	2.50	0.70	1509
	23	20	3.76	2.19	0.58	395	3.76	2.19	0.58	435	3.76	2.19	0.58	475	4.18	2.44	0.58	502	4.18	2.44	0.58	556	6.36	3.71	0.58	1109	6.08	3.55	0.58	1166	5.85	3.41	0.58	1220	5.62	3.28	0.58	1276	5.30	3.09	0.58	1359	4.87	2.84	0.58	1443	4.50	2.63	0.58	1498	3.74	2.18	0.58	1555
	23	22	3.99	1.85	0.46	434	3.99	1.85	0.46	474	3.99	1.85	0.46	514	4.43	2.05	0.46	541	4.43	2.05	0.46	595	6.74	3.12	0.46	1141	6.45	2.99	0.46	1200	6.20	2.87	0.46	1255	5.96	2.76	0.46	1313	5.62	2.61	0.46	1398	5.16	2.39	0.46	1485	4.77	2.21	0.46	1541	3.96	1.84	0.46	1600
	24	18	3.58	2.66	0.74	355	3.58	2.66	0.74	395	3.58	2.66	0.74	435	3.97	2.95	0.74	462	3.97	2.95	0.74	516	6.05	4.50	0.74	1076	5.79	4.30	0.74	1132	5.56	4.14	0.74	1184	5.35	3.98	0.74	1239	5.05	3.75	0.74	1319	4.63	3.44	0.74	1401	4.29	3.19	0.74	1454	3.56	2.64	0.74	1509
	24	20	3.76	2.34	0.62	395	3.76	2.34	0.62	435	3.76	2.34	0.62	475	4.18	2.60	0.62	502	4.18	2.60	0.62	556	6.36	3.96	0.62	1109	6.08	3.79	0.62	1166	5.85	3.65	0.62	1220	5.62	3.51	0.62	1276	5.30	3.31	0.62	1359	4.87	3.04	0.62	1443	4.50	2.81	0.62	1498	3.74	2.33	0.62	1555
	24	22	3.99	2.01	0.50	434	3.99	2.01	0.50	474	3.99	2.01	0.50	514	4.43	2.23	0.50	541	4.43	2.23	0.50	595	6.74	3.39	0.50	1141	6.45	3.25	0.50	1200	6.20	3.12	0.50	1255	5.96	3.00	0.50	1313	5.62	2.83	0.50	1398	5.16	2.60	0.50	1485	4.77	2.40	0.50	1541	3.96	1.99	0.50	1600
	24	24	4.23	1.62	0.38	474	4.23	1.62	0.38	514	4.23	1.62	0.38	554	4.69	1.80	0.38	581	4.69	1.80	0.38	635	7.14	2.74	0.38	1174	6.83	2.62	0.38	1234	6.57	2.52	0.38	1291	6.32	2.42	0.38	1350	5.96	2.29	0.38	1438	5.47	2.10	0.38	1527	5.06	1.94	0.38	1585	4.20	1.61	0.38	1645
	25	18	3.58	2.80	0.78	355	3.58	2.80	0.78	395	3.58	2.80	0.78	435	3.97	3.11	0.78	462	3.97	3.11	0.78	516	6.05	4.74	0.78	1076	5.79	4.53	0.78	1132	5.56	4.36	0.78	1184	5.35	4.19	0.78	1239	5.05	3.95	0.78	1319	4.63	3.63	0.78	1401	4.29	3.36	0.78	1454	3.56	2.79	0.78	1509
	25	20	3.76	2.49	0.66	395	3.76	2.49	0.66	435	3.76	2.49	0.66	475	4.18	2.77	0.66	502	4.18	2.77	0.66	556	6.36	4.22	0.66	1109	6.08	4.03	0.66	1166	5.85	3.88	0.66	1220	5.62	3.73	0.66	1276	5.30	3.52	0.66	1359	4.87	3.23	0.66	1443	4.50	2.99	0.66	1498	3.74	2.48	0.66	1555
	25	22	3.99	2.17	0.54	434	3.99	2.17	0.54	474	3.99	2.17	0.54	514	4.43	2.41	0.54	541	4.43	2.41	0.54	595	6.74	3.66	0.54	1141	6.45	3.50	0.54	1200	6.20	3.37	0.54	1255	5.96	3.24	0.54	1313	5.62	3.06	0.54	1398	5.16	2.80	0.54	1485	4.77	2.59	0.54	1541	3.96	2.15	0.54	1600
	25	24	4.23	1.79	0.42	474	4.23	1.79	0.42	514	4.23	1.79	0.42	554	4.69	1.99	0.42	581	4.69	1.99	0.42	635	7.14	3.02	0.42	1174	6.83	2.89	0.42	1234	6.57	2.78	0.42	1291	6.32	2.67	0.42	1350	5.96	2.52	0.42	1438	5.47	2.32	0.42	1527	5.06	2.14	0.42	1585	4.20	1.78	0.42	1645
	26	18	3.58	2.95	0.82	355	3.58	2.95	0.82	395	3.58	2.95	0.82	435	3.97	3.27	0.82	462	3.97	3.27	0.82	516	6.05	4.98	0.82	1076	5.79	4.76	0.82	1132	5.56	4.58	0.82	1184	5.35	4.41	0.82	1239	5.05	4.16	0.82	1319	4.63	3.81	0.82	1401	4.29	3.53	0.82	1454	3.56	2.93	0.82	1509
	26	20	3.76	2.65	0.70	395	3.76	2.65	0.70	435	3.76	2.65	0.70	475	4.18	2.94	0.70	502	4.18	2.94	0.70	556	6.36	4.47	0.70	1109	6.08	4.28	0.70	1166	5.85	4.11	0.70	1220	5.62	3.96	0.70	1276	5.30	3.73	0.70	1359	4.87	3.43	0.70	1443	4.50	3.17	0.70	1498	3.74	2.63	0.70	1555
	26	22	3.99	2.33	0.58	434	3.99	2.33	0.58	474	3.99	2.33	0.58	514	4.43	2.58	0.58	541	4.43	2.58	0.58	595	6.74	3.93	0.58	1141	6.45	3.76	0.58	1200	6.20	3.62	0.58	1255	5.96	3.48	0.58	1313	5.62	3.28	0.58	1398	5.16	3.01	0.58	1485	4.77	2.79	0.58	1541	3.96	2.31	0.58	1600
	26	24	4.23	1.96	0.46	474	4.23	1.96	0.46	514	4.23	1.96	0.46	554	4.69	2.18	0.46	581	4.69	2.18	0.46	635	7.14	3.31	0.46	1174	6.83	3.17	0.46	1234	6.57	3.04	0.46	1291	6.32	2.93	0.46	1350	5.96	2.76	0.46	1438	5.47	2.54	0.46	1527	5.06	2.35	0.46	1585	4.20	1.95	0.46	1645
	26	26	4.44	1.52	0.34	514	4.44	1.52	0.34	554	4.44	1.52	0.34	594	4.93	1.69	0.34	621	4.93	1.69	0.34	675	7.50	2.57	0.34	1206	7.17	2.46	0.34	1268	6.90	2.37	0.34	1327	6.63	2.28	0.34	1388	6.26	2.15	0.34	1478	5.74	1.97	0.34	1570	5.31	1.82	0.34	1629	4.41	1.51	0.34	1691
	27	18	3.58	3.09	0.86	355	3.58	3.09	0.86	395	3.58	3.09	0.86	435	3.97	3.43	0.86	462	3.97	3.43	0.86	516	6.05	5.22	0.86	1076	5.79	5.00	0.86	1132	5.56	4.80	0.86	1184	5.35	4.62	0.86	1239	5.05	4.36	0.86	1319	4.63	4.00	0.86	1401	4.29	3.70	0.86	1454	3.56	3.07	0.86	1509
	27	19	3.65	2.93	0.80	375	3.65	2.93	0.80	415	3.65	2.93	0.80	455	4.06	3.26	0.80	482	4.06	3.26	0.80	536	6.17	4.96	0.80	1093	5.90	4.74	0.80	1149	5.68	4.56	0.80	1202	5.46	4.39	0.80	1257	5.15	4.14	0.80	1339	4.73	3.80	0.80	1422	4.37	3.51	0.80	1476	3.63	2.92	0.80	1532
	27	20	3.76	2.80	0.74	395	3.76	2.80	0.74	435	3.76	2.80	0.74	475	4.18	3.11	0.74	502	4.18	3.11	0.74	556	6.36	4.72	0.74	1109	6.08	4.52	0.74	1166	5.85	4.35	0.74	1220	5.62	4.18	0.74	1276	5.30	3.94	0.74	1359	4.87	3.62	0.74	1443	4.50	3.35	0.74	1498	3.74	2.78	0.74	1555
	27	22	3.99	2.49	0.62	434	3.99	2.49	0.62	474	3.99	2.49	0.62	514	4.43	2.76	0.62	541	4.43	2.76	0.62	595	6.74	4.20	0.62	1141	6.45	4.02	0.62	1200	6.20	3.86	0.62	1255	5.96	3.72	0.62	1313	5.62	3.51	0.62	1398	5.16	3.22	0.62	1485	4.77	2.98	0.62	1541	3.96	2.47	0.62	1600
	27	24	4.23	2.13	0.50	474	4.23	2.13	0.50	514	4.23	2.13	0.50	554	4.69	2.36	0.50	581	4.69	2.36	0.50	635	7.14	3.59	0.50	1174	6.83	3.44	0.50	1234	6.57	3.31	0.50	1291	6.32	3.18	0.50	1350	5.96	3.00	0.50	1438	5.47	2.75	0.50	1527	5.06	2.55	0.50	1585	4.20	2.11	0.50	1645
	27	26	4.44	1.70	0.38	514	4.44	1.70	0.38	554	4.44	1.70	0.38	594	4.93	1.89	0.38	621	4.93	1.89	0.38	675	7.50	2.87	0.38	1206	7.17	2.75	0.38	1268	6.90	2.65	0.38	1327	6.63	2.54	0.38	1388	6.26	2.40	0.38	1478	5.74	2.20	0.38	1570	5.31	2.04	0.38	1629	4.41	1.69	0.38	1691
	28	18	3.58	3.23	0.90	355	3.58	3.23	0.90	395	3.58	3.23	0.90	435	3.97	3.59	0.90	462	3.97	3.59	0.90	516	6.05	5.46	0.90	1076	5.79	5.23	0.90	1132	5.56	5.03	0.90	1184	5.35	4.83	0.90	1239	5.05	4.56	0.90	1319	4.63	4.19	0.90	1401	4.29	3.87	0.90	1454	3.56	3.21	0.90	1509
	28	20	3.76	2.95	0.78	395	3.76	2.95	0.78	435	3.76	2.95	0.78	475	4.18	3.27	0.78	502	4.18	3.27	0.78	556	6.36	4.98	0.78	1109	6.08	4.76	0.78	1166	5.85	4.58	0.78	1220	5.62	4.40	0.78	1276	5.30	4.16	0.78	1359	4.87	3.81	0.78	1443	4.50	3.53	0.78	1498	3.74	2.93	0.78	1555
	28	22	3.99	2.64	0.66	434	3.99	2.64	0.66	474	3.99	2.64	0.66	514	4.43	2.94	0.66	541	4.43	2.94	0.66	595	6.74	4.47	0.66	1141	6.45	4.28	0.66	1200	6.20	4.11	0.66	1255	5.96	3.95	0.66	1313	5.62	3.73	0.66	1398	5.16	3.42	0.66	1485	4.77	3.17	0.66	1541	3.96	2.63	0.66	1600
	28	24	4.23	2.30	0.54	474	4.23	2.30	0.54	514	4.23	2.30	0.54	554	4.69	2.55	0.54	581	4.69	2.55	0.54	635	7.14	3.88	0.54	1174	6.83	3.71	0.54	1234	6.57	3.57	0.54	1291	6.32	3.43	0.54	1350	5.96	3.24	0.54	1438	5.47	2.97	0.54	1527	5.06	2.75	0.54	1585	4.20	2.28	0.54	1645
	28	26	4.44	1.88	0.42	514	4.44	1.88	0.42	554	4.44	1.88	0.42	594	4.93	2.09	0.42	621	4.93	2.09	0.42	675	7.50	3.17	0.42	1206	7.17	3.04	0.42	1268	6.90	2.92	0.42	1327	6.63	2.81	0.42	1388	6.26	2.65	0.42	1478	5.74	2.43	0.42	1570	5.31	2.25	0.42	1629	4.41	1.87	0.42	1691
	29	18	3.58	3.30	0.92	355	3.58	3.30	0.92	395	3.58	3.30	0.92	435	3.97	3.67	0.92	462	3.97	3.67	0.92	516	6.05	5.58	0.92	1076	5.79	5.34	0.92	1132	5.56	5.14	0.92	1184	5.35	4.94	0.92	1239	5.05	4.66	0.92	1319	4.63	4.28	0.92	1401	4.29	3.96	0.92	1454	3.56	3.28	0.92	1509
	29	20	3.76	3.10	0.82	395	3.76	3.10	0.82	435	3.76	3.10	0.82	475	4.18	3.44	0.82	502	4.18	3.44	0.82	556	6.36	5.23	0.82	1109	6.08	5.01	0.82	1166	5.85	4.81	0.82	1220	5.62	4.63	0.82	1276	5.30	4.37	0.82	1359	4.87	4.01	0.82	1443	4.50	3.71	0.82	1498	3.74	3.08	0.82	1555
	29	22	3.99	2.80	0.70	434	3.99	2.80	0.70	474	3.99	2.80	0.70	514	4.43	3.11	0.70	541	4.43	3.11	0.70	595	6.74	4.74	0.70	1141	6.45	4.53	0.70	1200	6.20	4.36	0.70	1255	5.96	4.19	0.70	1313	5.62	3.96	0.70	1398	5.16	3.63	0.70	1485	4.77	3.36	0.70	1541	3.96	2.79	0.70	1600
	29	24	4.23	2.47	0.58	474	4.23	2.47	0.58	514	4.23	2.47	0.58	554	4.69	2.74	0.58	581	4.69	2.74	0.58	635	7.14	4.17	0.58	1174	6.83	3.99	0.58	1234	6.57	3.83	0.58	1291	6.32	3.69	0.58	1350	5.96	3.48	0.58	1438	5.47	3.19	0.58	1527	5.06	2.95	0.58	1585	4.20	2.45	0.58	1645
	29	26	4.44	2.06	0.46	514	4.44	2.06	0.46	554	4.44	2.06	0.46	594	4.93	2.28	0.46	621	4.93	2.28	0.46	675	7.50	3.47	0.46	1206	7.17	3.32	0.46	1268	6.90	3.20	0.46	1327	6.63	3.07	0.46	1388	6.26	2.90	0.46	1478	5.74	2.66	0.46	1570	5.31	2.46	0.46	1629	4.41	2.04	0.46	1691
	30	18	3.58	3.30	0.92	355	3.58	3.30	0.92	395	3.58	3.30	0.92	435	3.97	3.67	0.92	462	3.97	3.67	0.92	516	6.05	5.58	0.92	1076	5.79	5.34	0.92	1132	5.56	5.14	0.92	1184	5.35	4.94	0.92	1239	5.05	4.66	0.92	1319	4.63	4.28	0.92	1401	4.29	3.96	0.92	1454	3.56	3.28	0.92	1509
	30	20	3.76	3.25	0.86	395	3.76	3.25	0.86	435	3.76	3.25	0.86	475	4.18	3.61	0.86	502	4.18	3.61	0.86	556	6.36	5.49	0.86	1109	6.08	5.25	0.86	1166	5.85	5.05	0.86	1220	5.62	4.85	0.86	1276	5.30	4.58	0.86	1359	4.87	4.20	0.86	1443	4.50	3.89	0.86	1498	3.74	3.23	0.86	1555
	30	22	3.99	2.96	0.74	434	3.99	2.96	0.74	474	3.99	2.96	0.74	514	4.43	3.29	0.74	541	4.43	3.29	0.74	595	6.74	5.01	0.74	1141	6.45	4.79	0.74	1200	6.20	4.61	0.74	1255	5.96	4.43	0.74	1313	5.62	4.18	0.74	1398	5.16	3.84	0.74	1485	4.77	3.55	0.74	1541	3.96	2.95	0.74	1600
	30	24	4.23	2.63	0.62	474	4.23	2.63	0.62	514	4.23	2.63	0.62	554	4.69	2.93	0.62	581	4.69	2.93	0.62	635	7.14	4.45	0.62	1174	6.83	4.26	0.62	1234	6.57	4.10	0.62	1291	6.32	3.94	0.62	1350	5.96	3.72	0.62	1438	5.47	3.41	0.62	1527	5.06	3.16	0.62	1585	4.20	2.62	0.62	1645
	30	26	4.44	2.23	0.50	514	4.44	2.23	0.50	554	4.44	2.23	0.50	594	4.93	2.48	0.50	621	4.93	2.48	0.50	675	7.50	3.77	0.50	1206	7.17	3.61	0.50	1268	6.90	3.47	0.50	1327	6.63	3.34	0.50	1388	6.26	3.15	0.50	1478	5.74	2.89	0.50	1570	5.31	2.68	0.50	1629	4.41	2.22	0.50	1691
	31	18	3.58	3.30	0.92	355	3.58	3.30	0.92	395	3.58	3.30	0.92	435	3.97	3.67	0.92	462	3.97	3.67	0.92	516	6.05	5.58	0.92	1076	5.79	5.34	0.92	1132	5.56	5.14	0.92	1184	5.35	4.94	0.92	1239	5.05	4.66	0.92	1319	4.63	4.28	0.92	1401	4.29	3.96	0.92	1454	3.56	3.28	0.92	1509
	31	20	3.76	3.40	0.90	395	3.76	3.40	0.90	435	3.76	3.40	0.90	475	4.18	3.77	0.90	502	4.18	3.77	0.90	556	6.36	5.74	0.90	1109	6.08	5.49	0.90	1166	5.85	5.28	0.90	1220	5.62	5.08	0.90	1276	5.30	4.79	0.90	1359	4.87	4.40	0.90	1443	4.50	4.07	0.90	1498	3.74	3.38	0.90	1555
	31	22	3.99	3.12	0.78	434	3.99	3.12	0.78	474	3.99	3.12	0.78	514	4.43	3.47	0.78	541	4.43	3.47	0.78	595	6.74	5.28	0.78	1141	6.45	5.05	0.78	1200	6.20	4.86	0.78	1255	5.96	4.67	0.78	1313	5.62	4.40	0.78	1398	5.16	4.04	0.78	1485	4.77	3.74	0.78	1541	3.96	3.10	0.78	1600
	31	24	4.23	2.80	0.66	474	4.23	2.80	0.66	514	4.23	2.80	0.66	554	4.69	3.11	0.66	581	4.69	3.11	0.66	635	7.14	4.74	0.66	1174	6.83	4.53	0.66	1234	6.57	4.36	0.66	1291	6.32	4.19	0.66	1350	5.96	3.95	0.66	1438	5.47	3.63	0.66	1527	5.06	3.36	0.66	1585	4.20	2.79	0.66	1645
	31	26	4.44	2.41	0.54	514	4.44	2.41	0.54	554	4.44	2.41	0.54	594	4.93	2.68	0.54	621	4.93	2.68	0.54	675	7.50	4.07	0.54	1206	7.17	3.90	0.54	1268	6.90	3.75	0.54	1327	6.63	3.60	0.54	1388	6.26	3.40	0.54	1478	5.74	3.12	0.54	1570	5.31	2.89	0.54	1629	4.41	2.40	0.54	1691
	32	18	3.58	3.30	0.92	355	3.58	3.30	0.92	395	3.58	3.30	0.92	435	3.97	3.67	0.92	462	3.97	3.67	0.92	516	6.05	5.58	0.92	1076	5.79	5.34	0.92	1132	5.56	5.14	0.92	1184	5.35	4.94	0.92	1239	5.05	4.66	0.92	1319	4.63	4.28	0.92	1401	4.29	3.96	0.92	1454	3.56	3.28	0.92	1509
	32	20	3.76	3.47	0.92	395	3.76	3.47	0.92	435	3.76	3.47	0.92	475	4.18	3.86	0.92	502	4.18	3.86	0.92	556	6.36	5.87	0.92	1109	6.08	5.62	0.92	1166	5.85	5.40	0.92	1220	5.62	5.19	0.92	1276	5.30	4.90	0.92	1359	4.87	4.50	0.92	1443	4.50	4.16	0.92	1498	3.74	3.45	0.92	1555
	32	22	3.99	3.28	0.82	434	3.99	3.28	0.82	474	3.99	3.28	0.82	514	4.43	3.65	0.82	541	4.43	3.65	0.82	595	6.74	5.55	0.82	1141	6.45	5.31	0.82	1200	6.20	5.10	0.82	1255	5.96	4.91	0.82	1313	5.62	4.63	0.82	1398	5.16	4.25	0.82	1485	4.77	3.93	0.82	1541	3.96	3.26	0.82	1600
	32	24	4.23	2.97	0.70	474	4.23	2.97	0.70	514	4.23	2.97	0.70	554	4.69	3.30	0.70	581	4.69	3.30	0.70	635	7.14	5.02	0.70	1174	6.83	4.81	0.70	1234	6.57	4.62	0.70	1291	6.32	4.44	0.70	1350	5.96	4.19	0.70	1438	5.47	3.85	0.70	1527	5.06	3.56	0.70	1585	4.20	2.95	0.70	1645
	32	26	4.44	2.59	0.58	514	4.44	2.59	0.58	554	4.44	2.59	0.58	594	4.93	2.88	0.58	621	4.93	2.88	0.58	675	7.50	4.37	0.58	1206	7.17	4.19	0.58	1268	6.90	4.02	0.58	1327	6.63	3.87	0.58	1388	6.26	3.65	0.58	1478	5.74	3.35	0.58	1570	5.31	3.10	0.58	1629	4.41	2.57	0.58	1691

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
	21	18	3.47	2.08	0.60	344	3.47	2.08	0.60	383	3.47	2.08	0.60	422	3.86	2.32	0.60	448	3.86	2.32	0.60	500	5.87	3.52	0.60	1045	5.62	3.37	0.60	1098	5.40	3.24	0.60	1149	5.19	3.12	0.60	1202	4.90	2.94	0.60	1280	4.50	2.70	0.60	1359	4.16	2.50	0.60	1411	3.45	2.07	0.60	1465
	21	20	3.65	1.75	0.48	384	3.65	1.75	0.48	423	3.65	1.75	0.48	462	4.06	1.95	0.48	488	4.06	1.95	0.48	540	6.17	2.96	0.48	1077	5.90	2.83	0.48	1133	5.68	2.73	0.48	1185	5.46	2.62	0.48	1239	5.15	2.47	0.48	1320	4.73	2.27	0.48	1402	4.37	2.10	0.48	1455	3.63	1.74	0.48	1510
	22	18	3.47	2.22	0.64	344	3.47	2.22	0.64	383	3.47	2.22	0.64	422	3.86	2.47	0.64	448	3.86	2.47	0.64	500	5.87	3.76	0.64	1045	5.62	3.60	0.64	1098	5.40	3.46	0.64	1149	5.19	3.32	0.64	1202	4.90	3.14	0.64	1280	4.50	2.88	0.64	1359	4.16	2.66	0.64	1411	3.45	2.21	0.64	1465
	22	20	3.65	1.90	0.52	384	3.65	1.90	0.52	423	3.65	1.90	0.52	462	4.06	2.11	0.52	488	4.06	2.11	0.52	540	6.17	3.21	0.52	1077	5.90	3.07	0.52	1133	5.68	2.95	0.52	1185	5.46	2.84	0.52	1239	5.15	2.68	0.52	1320	4.73	2.46	0.52	1402	4.37	2.27	0.52	1455	3.63	1.89	0.52	1510
	22	22	3.87	1.55	0.40	423	3.87	1.55	0.40	462	3.87	1.55	0.40	501	4.30	1.72	0.40	527	4.30	1.72	0.40	579	6.54	2.62	0.40	1109	6.26	2.50	0.40	1166	6.02	2.41	0.40	1220	5.79	2.31	0.40	1276	5.46	2.18	0.40	1359	5.01	2.00	0.40	1443	4.64	1.85	0.40	1498	3.85	1.54	0.40	1555
	23	18	3.47	2.36	0.68	344	3.47	2.36	0.68	383	3.47	2.36	0.68	422	3.86	2.62	0.68	448	3.86	2.62	0.68	500	5.87	3.99	0.68	1045	5.62	3.82	0.68	1098	5.40	3.67	0.68	1149	5.19	3.53	0.68	1202	4.90	3.33	0.68	1280	4.50	3.06	0.68	1359	4.16	2.83	0.68	1411	3.45	2.35	0.68	1465
	23	20	3.65	2.04	0.56	384	3.65	2.04	0.56	423	3.65	2.04	0.56	462	4.06	2.27	0.56	488	4.06	2.27	0.56	540	6.17	3.46	0.56	1077	5.90	3.31	0.56	1133	5.68	3.18	0.56	1185	5.46	3.06	0.56	1239	5.15	2.88	0.56	1320	4.73	2.65	0.56	1402	4.37	2.45	0.56	1455	3.63	2.03	0.56	1510
	23	22	3.87	1.70	0.44	423	3.87	1.70	0.44	462	3.87	1.70	0.44	501	4.30	1.89	0.44	527	4.30	1.89	0.44	579	6.54	2.88	0.44	1109	6.26	2.75	0.44	1166	6.02	2.65	0.44	1220	5.79	2.55	0.44	1276	5.46	2.40	0.44	1359	5.01	2.20	0.44	1443	4.64	2.04	0.44	1498	3.85	1.69	0.44	1555
	24	18	3.47	2.50	0.72	344	3.47	2.50	0.72	383	3.47	2.50	0.72	422	3.86	2.78	0.72	448	3.86	2.78	0.72	500	5.87	4.23	0.72	1045	5.62	4.04	0.72	1098	5.40	3.89	0.72	1149	5.19	3.74	0.72	1202	4.90	3.53	0.72	1280	4.50	3.24	0.72	1359	4.16	3.00	0.72	1411	3.45	2.49	0.72	1465
	24	20	3.65	2.19	0.60	384	3.65	2.19	0.60	423	3.65	2.19	0.60	462	4.06	2.43	0.60	488	4.06	2.43	0.60	540	6.17	3.70	0.60	1077	5.90	3.54	0.60	1133	5.68	3.41	0.60	1185	5.46	3.28	0.60	1239	5.15	3.09	0.60	1320	4.73	2.84	0.60	1402	4.37	2.62	0.60	1455	3.63	2.18	0.60	1510
	24	22	3.87	1.86	0.48	423	3.87	1.86	0.48	462	3.87	1.86	0.48	501	4.30	2.06	0.48	527	4.30	2.06	0.48	579	6.54	3.14	0.48	1109	6.26	3.00	0.48	1166	6.02	2.89	0.48	1220	5.79	2.78	0.48	1276	5.46	2.62	0.48	1359	5.01	2.41	0.48	1443	4.64	2.23	0.48	1498	3.85	1.85	0.48	1555
	24	24	4.10	1.48	0.36	463	4.10	1.48	0.36	502	4.10	1.48	0.36	541	4.56	1.64	0.36	567	4.56	1.64	0.36	619	6.93	2.50	0.36	1142	6.63	2.39	0.36	1201	6.38	2.30	0.36	1256	6.13	2.21	0.36	1314	5.79	2.08	0.36	1399	5.31	1.91	0.36	1486	4.91	1.77	0.36	1542	4.08	1.47	0.36	1601
	25	18	3.47	2.64	0.76	344	3.47	2.64	0.76	383	3.47	2.64	0.76	422	3.86	2.93	0.76	448	3.86	2.93	0.76	500	5.87	4.46	0.76	1045	5.62	4.27	0.76	1098	5.40	4.11	0.76	1149	5.19	3.95	0.76	1202	4.90	3.72	0.76	1280	4.50	3.42	0.76	1359	4.16	3.16	0.76	1411	3.45	2.62	0.76	1465
	25	20	3.65	2.34	0.64	384	3.65	2.34	0.64	423	3.65	2.34	0.64	462	4.06	2.60	0.64	488	4.06	2.60	0.64	540	6.17	3.95	0.64	1077	5.90	3.78	0.64	1133	5.68	3.63	0.64	1185	5.46	3.49	0.64	1239	5.15	3.30	0.64	1320	4.73	3.03	0.64	1402	4.37	2.80	0.64	1455	3.63	2.32	0.64	1510
	25	22	3.87	2.01	0.52	423	3.87	2.01	0.52	462	3.87	2.01	0.52	501	4.30	2.24	0.52	527	4.30	2.24	0.52	579	6.54	3.40	0.52	1109	6.26	3.25	0.52	1166	6.02	3.13	0.52	1220	5.79	3.01	0.52	1276	5.46	2.84	0.52	1359	5.01	2.61	0.52	1443	4.64	2.41	0.52	1498	3.85	2.00	0.52	1555
	25	24	4.10	1.64	0.40	463	4.10	1.64	0.40	502	4.10	1.64	0.40	541	4.56	1.82	0.40	567	4.56	1.82	0.40	619	6.93	2.77	0.40	1142	6.63	2.65	0.40	1201	6.38	2.55	0.40	1256	6.13	2.45	0.40	1314	5.79	2.31	0.40	1399	5.31	2.12	0.40	1486	4.91	1.97	0.40	1542	4.08	1.63	0.40	1601
	26	18	3.47	2.78	0.80	344	3.47	2.78	0.80	383	3.47	2.78	0.80	422	3.86	3.09	0.80	448	3.86	3.09	0.80	500	5.87	4.70	0.80	1045	5.62	4.49	0.80	1098	5.40	4.32	0.80	1149	5.19	4.16	0.80	1202	4.90	3.92	0.80	1280	4.50	3.60	0.80	1359	4.16	3.33	0.80	1411	3.45	2.76	0.80	1465
	26	20	3.65	2.48	0.68	384	3.65	2.48	0.68	423	3.65	2.48	0.68	462	4.06	2.76	0.68	488	4.06	2.76	0.68	540	6.17	4.20	0.68	1077	5.90	4.02	0.68	1133	5.68	3.86	0.68	1185	5.46	3.71	0.68	1239	5.15	3.50	0.68	1320	4.73	3.21	0.68	1402	4.37	2.97	0.68	1455	3.63	2.47	0.68	1510
	26	22	3.87	2.17	0.56	423	3.87	2.17	0.56	462	3.87	2.17	0.56	501	4.30	2.41	0.56	527	4.30	2.41	0.56	579	6.54	3.66	0.56	1109	6.26	3.50	0.56	1166	6.02	3.37	0.56	1220	5.79	3.24	0.56	1276	5.46	3.06	0.56	1359	5.01	2.81	0.56	1443	4.64	2.60	0.56	1498	3.85	2.15	0.56	1555
	26	24	4.10	1.81	0.44	463	4.10	1.81	0.44	502	4.10	1.81	0.44	541	4.56	2.01	0.44	567	4.56	2.01	0.44	619	6.93	3.05	0.44	1142	6.63	2.92	0.44	1201	6.38	2.81	0.44	1256	6.13	2.70	0.44	1314	5.79	2.55	0.44	1399	5.31	2.34	0.44	1486	4.91	2.16	0.44	1542	4.08	1.79	0.44	1601
	26	26	4.31	1.38	0.32	503	4.31	1.38	0.32	542	4.31	1.38	0.32	581	4.78	1.53	0.32	607	4.78	1.53	0.32	659	7.28	2.33	0.32	1174	6.97	2.23	0.32	1235	6.70	2.14	0.32	1292	6.44	2.06	0.32	1351	6.08	1.94	0.32	1439	5.58	1.78	0.32	1528	5.16	1.65	0.32	1586	4.28	1.37	0.32	1647
	27	18	3.47	2.92	0.84	344	3.47	2.92	0.84	383	3.47	2.92	0.84	422	3.86	3.24	0.84	448	3.86	3.24	0.84	500	5.87	4.93	0.84	1045	5.62	4.72	0.84	1098	5.40	4.54	0.84	1149	5.19	4.36	0.84	1202	4.90	4.12	0.84	1280	4.50	3.78	0.84	1359	4.16	3.50	0.84	1411	3.45	2.90	0.84	1465
	27	19	3.55	2.77	0.78	364	3.55	2.77	0.78	403	3.55	2.77	0.78	442	3.94	3.07	0.78	468	3.94	3.07	0.78	520	5.99	4.67	0.78	1061	5.73	4.47	0.78	1116	5.51	4.30	0.78	1167	5.30	4.13	0.78	1221	5.00	3.90	0.78	1300	4.59	3.58	0.78	1381	4.25	3.31	0.78	1433	3.52	2.75	0.78	1488
	27	20	3.65	2.63	0.72	384	3.65	2.63	0.72	423	3.65	2.63	0.72	462	4.06	2.92	0.72	488	4.06	2.92	0.72	540	6.17	4.44	0.72	1077	5.90	4.25	0.72	1133	5.68	4.09	0.72	1185	5.46	3.93	0.72	1239	5.15	3.71	0.72	1320	4.73	3.40	0.72	1402	4.37	3.15	0.72	1455	3.63	2.61	0.72	1510
	27	22	3.87	2.32	0.60	423	3.87	2.32	0.60	462	3.87	2.32	0.60	501	4.30	2.58	0.60	527	4.30	2.58	0.60	579	6.54	3.92	0.60	1109	6.26	3.76	0.60	1166	6.02	3.61	0.60	1220	5.79	3.47	0.60	1276	5.46	3.28	0.60	1359	5.01	3.01	0.60	1443	4.64	2.78	0.60	1498	3.85	2.31	0.60	1555
100%	27	24	4.10	1.97	0.48	463	4.10	1.97	0.48	502	4.10	1.97	0.48	541	4.56	2.19	0.48	567	4.56	2.19	0.48	619	6.93	3.33	0.48	1142	6.63	3.18	0.48	1201	6.38	3.06	0.48	1256	6.13	2.94	0.48	1314	5.79	2.78	0.48	1399	5.31	2.55	0.48	1486	4.91	2.36	0.48	1542	4.08	1.96	0.48	1601
	27	26	4.31	1.55	0.36	503	4.31	1.55	0.36	542	4.31	1.55	0.36	581	4.78	1.72	0.36	607	4.78	1.72	0.36	659	7.28	2.62	0.36	1174	6.97	2.51	0.36	1235	6.70	2.41	0.36	1292	6.44	2.32	0.36	1351	6.08	2.19	0.36	1439	5.58	2.01	0.36	1528	5.16	1.86	0.36	1586	4.28	1.54	0.36	1647
	28	18	3.47	3.06	0.88	344	3.47	3.06	0.88	383	3.47	3.06	0.88	422	3.86	3.40	0.88	448	3.86	3.40	0.88	500	5.87	5.17	0.88	1045	5.62	4.94	0.88	1098	5.40	4.75	0.88	1149	5.19	4.57	0.88	1202	4.90	4.31	0.88	1280	4.50	3.96	0.88	1359	4.16	3.66	0.88	1411	3.45	3.04	0.88	1465
	28	20	3.65	2.78	0.76	384	3.65	2.78	0.76	423	3.65	2.78	0.76	462	4.06	3.08	0.76	488	4.06	3.08	0.76	540	6.17	4.69	0.76	1077	5.90	4.49	0.76	1133	5.68	4.31	0.76	1185	5.46	4.15	0.76	1239	5.15	3.91	0.76	1320	4.73	3.59	0.76	1402	4.37	3.32	0.76	1455	3.63	2.76	0.76	1510
	28	22	3.87	2.48	0.64	423	3.87	2.48	0.64	462	3.87	2.48	0.64	501	4.30	2.75	0.64	527	4.30	2.75	0.64	579	6.54	4.19	0.64	1109	6.26	4.01	0.64	1166	6.02	3.85	0.64	1220	5.79	3.70	0.64	1276	5.46	3.49	0.64	1359	5.01	3.21	0.64	1443	4.64	2.97	0.64	1498	3.85	2.46	0.64	1555
	28	24	4.10	2.13	0.52	463	4.10	2.13	0.52	502	4.10	2.13	0.52	541	4.56	2.37	0.52	567	4.56	2.37	0.52	619	6.93	3.61	0.52	1142	6.63	3.45	0.52	1201	6.38	3.32	0.52	1256	6.13	3.19	0.52	1314	5.79	3.01	0.52	1399	5.31	2.76	0.52	1486	4.91	2.56	0.52	1542	4.08	2.12	0.52	1601
	28	26	4.31	1.72	0.40	503	4.31	1.72	0.40	542	4.31	1.72	0.40	581	4.78	1.91	0.40	607	4.78	1.91	0.40	659	7.28	2.91	0.40	1174	6.97	2.79	0.40	1235	6.70	2.68	0.40	1292	6.44	2.58	0.40	1351	6.08	2.43	0.40	1439	5.58	2.23	0.40	1528	5.16	2.06	0.40	1586	4.28	1.71	0.40	1647
	29	18	3.47	3.13	0.90	344	3.47	3.13	0.90	383	3.47	3.13	0.90	422	3.86	3.47	0.90	448	3.86	3.47	0.90	500	5.87	5.28	0.90	1045	5.62	5.06	0.90	1098	5.40	4.86	0.90	1149	5.19	4.67	0.90	1202	4.90	4.41	0.90	1280	4.50	4.05	0.90	1359	4.16	3.74	0.90	1411	3.45	3.11	0.90	1465
	29	20	3.65	2.92	0.80	384	3.65	2.92	0.80	423	3.65	2.92	0.80	462	4.06	3.24	0.80	488	4.06	3.24	0.80	540	6.17	4.94	0.80	1077	5.90	4.72	0.80	1133	5.68	4.54	0.80	1185	5.46	4.37	0.80	1239	5.15	4.12	0.80	1320	4.73	3.78	0.80	1402	4.37	3.50	0.80	1455	3.63	2.90	0.80	1510
	29	22	3.87	2.63	0.68	423	3.87	2.63	0.68	462	3.87	2.63	0.68	501	4.30	2.92	0.68	527	4.30	2.92	0.68	579	6.54	4.45	0.68	1109	6.26	4.26	0.68	1166	6.02	4.09	0.68	1220	5.79	3.93	0.68	1276	5.46	3.71	0.68	1359	5.01	3.41	0.68	1443	4.64	3.15	0.68	1498	3.85	2.62	0.68	1555
	29	24	4.10	2.30	0.56	463	4.10	2.30	0.56	502	4.10	2.30	0.56	541	4.56	2.55	0.56	567	4.56	2.55	0.56	619	6.93	3.88	0.56	1142	6.63	3.72	0.56	1201	6.38	3.57	0.56	1256	6.13	3.43	0.56	1314	5.79	3.24	0.56	1399	5.31	2.97	0.56	1486	4.91	2.75	0.56	1542	4.08	2.28	0.56	1601
	29	26	4.31	1.90	0.44	503	4.31	1.90	0.44	542	4.31	1.90	0.44	581	4.78	2.11	0.44	607	4.78	2.11	0.44	659	7.28	3.20	0.44	1174	6.97	3.07	0.44	1235	6.70	2.95	0.44	1292	6.44	2.83	0.44	1351	6.08	2.67	0.44	1439	5.58	2.45	0.44	1528	5.16	2.27	0.44	1586	4.28	1.88	0.44	1647
	30	18	3.47	3.13	0.90	344	3.47	3.13	0.90	383	3.47	3.13	0.90	422	3.86	3.47	0.90	448	3.86	3.47	0.90	500	5.87	5.28	0.90	1045	5.62	5.06	0.90	1098	5.40	4.86	0.90	1149	5.19	4.67	0.90	1202	4.90	4.41	0.90	1280	4.50	4.05	0.90	1359	4.16	3.74	0.90	1411	3.45	3.11	0.90	1465
	30	20	3.65	3.07	0.84	384	3.65	3.07	0.84	423	3.65	3.07	0.84	462	4.06	3.41	0.84	488	4.06	3.41	0.84	540	6.17	5.18	0.84	1077	5.90	4.96	0.84	1133	5.68	4.77	0.84	1185	5.46	4.59	0.84	1239	5.15	4.33	0.84	1320	4.73	3.97	0.84	1402	4.37	3.67	0.84	1455	3.63	3.05	0.84	1510
	30	22	3.87	2.79	0.72	423	3.87	2.79	0.72	462	3.87	2.79	0.72	501	4.30	3.10	0.72	527	4.30	3.10	0.72	579	6.54	4.71	0.72	1109	6.26	4.51	0.72	1166	6.02	4.33	0.72	1220	5.79	4.17	0.72	1276	5.46	3.93	0.72	1359	5.01	3.61	0.72	1443	4.64	3.34	0.72	1498	3.85	2.77	0.72	1555
	30	24	4.10	2.46	0.60	463	4.10	2.46	0.60	502	4.10	2.46	0.60	541	4.56	2.73	0.60	567	4.56	2.73	0.60	619	6.93	4.16	0.60	1142	6.63	3.98	0.60	1201	6.38	3.83	0.60	1256	6.13	3.68	0.60	1314	5.79	3.47	0.60	1399	5.31	3.19	0.60	1486	4.91	2.95	0.60	1542	4.08	2.45	0.60	1601
	30	26	4.31	2.07	0.48	503	4.31	2.07	0.48	542	4.31	2.07	0.48	581	4.78	2.30	0.48	607	4.78	2.30	0.48	659	7.28	3.49	0.48	1174	6.97	3.34	0.48	1235	6.70	3.22	0.48	1292	6.44	3.09	0.48	1351	6.08	2.92	0.48	1439	5.58	2.68	0.48	1528	5.16	2.48	0.48	1586	4.28	2.06	0.48	1647
	31	18	3.47	3.13	0.90	344	3.47	3.13	0.90	383	3.47	3.13	0.90	422	3.86	3.47	0.90	448	3.86	3.47	0.90	500	5.87	5.28	0.90	1045	5.62	5.06	0.90	1098	5.40	4.86	0.90	1149	5.19	4.67	0.90	1202	4.90	4.41	0.90	1280	4.50	4.05	0.90	1359	4.16	3.74	0.90	1411	3.45	3.11	0.90	1465
	31	20	3.65	3.21	0.88	384	3.65	3.21	0.88	423	3.65	3.21	0.88	462	4.06	3.57	0.88	488	4.06	3.57	0.88	540	6.17	5.43	0.88	1077	5.90	5.20	0.88	1133	5.68	5.00	0.88	1185	5.46	4.80	0.88	1239	5.15	4.53	0.88	1320	4.73	4.16	0.88	1402	4.37	3.85	0.88	1455	3.63	3.19	0.88	1510
	31	22	3.87	2.94	0.76	423	3.87	2.94	0.76	462	3.87	2.94	0.76	501	4.30	3.27	0.76	527	4.30	3.27	0.76	579	6.54	4.97	0.76	1109	6.26	4.76	0.76	1166	6.02	4.57	0.76	1220	5.79	4.40	0.76	1276	5.46	4.15	0.76	1359	5.01	3.81	0.76	1443	4.64	3.52	0.76	1498	3.85	2.92	0.76	1555
	31	24	4.10	2.63	0.64	463	4.10	2.63	0.64	502	4.10	2.63	0.64	541	4.56	2.92	0.64	567	4.56	2.92	0.64	619	6.93	4.44	0.64	1142	6.63	4.25	0.64	1201	6.38	4.08	0.64	1256	6.13	3.93	0.64	1314	5.79	3.70	0.64	1399	5.31	3.40	0.64	1486	4.91	3.14	0.64	1542	4.08	2.61	0.64	1601
	31	26	4.31	2.24	0.52	503	4.31	2.24	0.52	542	4.31	2.24	0.52	581	4.78	2.49	0.52	607	4.78	2.49	0.52	659	7.28	3.79	0.52	1174	6.97	3.62	0.52	1235	6.70	3.48	0.52	1292	6.44	3.35	0.52	1351	6.08	3.16	0.52	1439	5.58	2.90	0.52	1528	5.16	2.68	0.52	1586	4.28	2.23	0.52	1647
	32	18	3.47	3.13	0.90	344	3.47	3.13	0.90	383	3.47	3.13	0.90	422	3.86	3.47	0.90	448	3.86	3.47	0.90	500	5.87	5.28	0.90	1045	5.62	5.06	0.90	1098	5.40	4.86	0.90	1149	5.19	4.67	0.90	1202	4.90	4.41	0.90	1280	4.50	4.05	0.90	1359	4.16	3.74	0.90	1411	3.45	3.11	0.90	1465
	32	20	3.65	3.29	0.90	384	3.65	3.29	0.90	423	3.65	3.29	0.90	462	4.06	3.65	0.90	488	4.06	3.65	0.90	540	6.17	5.55	0.90	1077	5.90	5.31	0.90	1133	5.68	5.11	0.90	1185	5.46	4.91	0.90	1239	5.15	4.64	0.90	1320	4.73	4.25	0.90	1402	4.37	3.94	0.90	1455	3.63	3.27	0.90	1510
	32	22	3.87	3.10	0.80	423	3.87	3.10	0.80	462	3.87	3.10	0.80	501	4.30	3.44	0.80	527	4.30	3.44	0.80	579	6.54	5.23	0.80	1109	6.26	5.01	0.80	1166	6.02	4.81	0.80	1220	5.79	4.63	0.80	1276	5.46	4.37	0.80	1359	5.01	4.01	0.80	1443	4.64	3.71	0.80	1498	3.85	3.08	0.80	1555
	32	24	4.10	2.79	0.68	463	4.10	2.79	0.68	502	4.10	2.79	0.68	541	4.56	3.10	0.68	567	4.56	3.10	0.68	619	6.93	4.71	0.68	1142	6.63	4.51	0.68	1201	6.38	4.34	0.68	1256	6.13	4.17	0.68	1314	5.79	3.93	0.68	1399	5.31	3.61	0.68	1486	4.91	3.34	0.68	1542	4.08	2.77	0.68	1601
	32	26	4.31	2.41	0.56	503	4.31	2.41	0.56	542	4.31	2.41	0.56	581	4.78	2.68	0.56	607	4.78	2.68	0.56	659	7.28	4.08	0.56	1174	6.97	3.90	0.56	1235	6.70	3.75	0.56	1292	6.44	3.61	0.56	1351	6.08	3.40	0.56	1439	5.58	3.12	0.56	1528	5.16	2.89	0.56	1586	4.28	2.40	0.56	1647

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
90%	21	18	3.27	1.83	0.56	322	3.27	1.83	0.56	359	3.27	1.83	0.56	395	3.63	2.03	0.56	420	3.63	2.03	0.56	469	5.52	3.10	0.56	981	5.28	2.96	0.56	1032	5.08	2.85	0.56	1079	4.88	2.74	0.56	1129	4.61	2.58	0.56	1202	4.23	2.37	0.56	1277	3.91	2.19	0.56	1325	3.25	1.82	0.56	1375
	21	20	3.43	1.51	0.44	362	3.43	1.51	0.44	399	3.43	1.51	0.44	435	3.81	1.68	0.44	460	3.81	1.68	0.44	509	5.80	2.56	0.44	1014	5.55	2.45	0.44	1066	5.34	2.35	0.44	1115	5.13	2.26	0.44	1166	4.84	2.13	0.44	1242	4.44	1.96	0.44	1319	4.11	1.81	0.44	1369	3.41	1.50	0.44	1421
	22	18	3.27	1.96	0.60	322	3.27	1.96	0.60	359	3.27	1.96	0.60	395	3.63	2.18	0.60	420	3.63	2.18	0.60	469	5.52	3.32	0.60	981	5.28	3.17	0.60	1032	5.08	3.05	0.60	1079	4.88	2.93	0.60	1129	4.61	2.77	0.60	1202	4.23	2.54	0.60	1277	3.91	2.35	0.60	1325	3.25	1.95	0.60	1375
	22	20	3.43	1.65	0.48	362	3.43	1.65	0.48	399	3.43	1.65	0.48	435	3.81	1.83	0.48	460	3.81	1.83	0.48	509	5.80	2.79	0.48	1014	5.55	2.67	0.48	1066	5.34	2.57	0.48	1115	5.13	2.47	0.48	1166	4.84	2.33	0.48	1242	4.44	2.14	0.48	1319	4.11	1.98	0.48	1369	3.41	1.64	0.48	1421
	22	22	3.64	1.31	0.36	401	3.64	1.31	0.36	438	3.64	1.31	0.36	474	4.04	1.46	0.36	499	4.04	1.46	0.36	548	6.15	2.22	0.36	1045	5.88	2.12	0.36	1099	5.66	2.04	0.36	1150	5.44	1.96	0.36	1203	5.13	1.85	0.36	1281	4.71	1.70	0.36	1360	4.36	1.57	0.36	1412	3.62	1.31	0.36	1466
	23	18	3.27	2.09	0.64	322	3.27	2.09	0.64	359	3.27	2.09	0.64	395	3.63	2.33	0.64	420	3.63	2.33	0.64	469	5.52	3.54	0.64	981	5.28	3.38	0.64	1032	5.08	3.25	0.64	1079	4.88	3.13	0.64	1129	4.61	2.95	0.64	1202	4.23	2.71	0.64	1277	3.91	2.51	0.64	1325	3.25	2.08	0.64	1375
	23	20	3.43	1.79	0.52	362	3.43	1.79	0.52	399	3.43	1.79	0.52	435	3.81	1.99	0.52	460	3.81	1.99	0.52	509	5.80	3.02	0.52	1014	5.55	2.89	0.52	1066	5.34	2.78	0.52	1115	5.13	2.67	0.52	1166	4.84	2.52	0.52	1242	4.44	2.32	0.52	1319	4.11	2.14	0.52	1369	3.41	1.78	0.52	1421
	23	22	3.64	1.46	0.40	401	3.64	1.46	0.40	438	3.64	1.46	0.40	474	4.04	1.62	0.40	499	4.04	1.62	0.40	548	6.15	2.47	0.40	1045	5.88	2.36	0.40	1099	5.66	2.27	0.40	1150	5.44	2.18	0.40	1203	5.13	2.06	0.40	1281	4.71	1.89	0.40	1360	4.36	1.75	0.40	1412	3.62	1.45	0.40	1466
	24	18	3.27	2.22	0.68	322	3.27	2.22	0.68	359	3.27	2.22	0.68	395	3.63	2.47	0.68	420	3.63	2.47	0.68	469	5.52	3.76	0.68	981	5.28	3.60	0.68	1032	5.08	3.46	0.68	1079	4.88	3.32	0.68	1129	4.61	3.14	0.68	1202	4.23	2.88	0.68	1277	3.91	2.66	0.68	1325	3.25	2.21	0.68	1375
	24	20	3.43	1.93	0.56	362	3.43	1.93	0.56	399	3.43	1.93	0.56	435	3.81	2.14	0.56	460	3.81	2.14	0.56	509	5.80	3.25	0.56	1014	5.55	3.11	0.56	1066	5.34	2.99	0.56	1115	5.13	2.88	0.56	1166	4.84	2.72	0.56	1242	4.44	2.49	0.56	1319	4.11	2.31	0.56	1369	3.41	1.91	0.56	1421
	24	22	3.64	1.60	0.44	401	3.64	1.60	0.44	438	3.64	1.60	0.44	474	4.04	1.78	0.44	499	4.04	1.78	0.44	548	6.15	2.71	0.44	1045	5.88	2.59	0.44	1099	5.66	2.49	0.44	1150	5.44	2.40	0.44	1203	5.13	2.26	0.44	1281	4.71	2.08	0.44	1360	4.36	1.92	0.44	1412	3.62	1.59	0.44	1466
	24	24	3.86	1.24	0.32	441	3.86	1.24	0.32	478	3.86	1.24	0.32	514	4.28	1.37	0.32	539	4.28	1.37	0.32	588	6.52	2.09	0.32	1078	6.24	2.00	0.32	1134	6.00	1.92	0.32	1186	5.77	1.85	0.32	1240	5.44	1.75	0.32	1321	4.99	1.60	0.32	1403	4.62	1.48	0.32	1456	3.83	1.23	0.32	1512
	25	18	3.27	2.35	0.72	322	3.27	2.35	0.72	359	3.27	2.35	0.72	395	3.63	2.62	0.72	420	3.63	2.62	0.72	469	5.52	3.98	0.72	981	5.28	3.81	0.72	1032	5.08	3.66	0.72	1079	4.88	3.52	0.72	1129	4.61	3.32	0.72	1202	4.23	3.05	0.72	1277	3.91	2.82	0.72	1325	3.25	2.34	0.72	1375
	25	20	3.43	2.06	0.60	362	3.43	2.06	0.60	399	3.43	2.06	0.60	435	3.81	2.29	0.60	460	3.81	2.29	0.60	509	5.80	3.49	0.60	1014	5.55	3.34	0.60	1066	5.34	3.21	0.60	1115	5.13	3.08	0.60	1166	4.84	2.91	0.60	1242	4.44	2.67	0.60	1319	4.11	2.47	0.60	1369	3.41	2.05	0.60	1421
	25	22	3.64	1.75	0.48	401	3.64	1.75	0.48	438	3.64	1.75	0.48	474	4.04	1.94	0.48	499	4.04	1.94	0.48	548	6.15	2.96	0.48	1045	5.88	2.83	0.48	1099	5.66	2.72	0.48	1150	5.44	2.62	0.48	1203	5.13	2.47	0.48	1281	4.71	2.27	0.48	1360	4.36	2.10	0.48	1412	3.62	1.74	0.48	1466
	25	24	3.86	1.39	0.36	441	3.86	1.39	0.36	478	3.86	1.39	0.36	514	4.28	1.55	0.36	539	4.28	1.55	0.36	588	6.52	2.35	0.36	1078	6.24	2.25	0.36	1134	6.00	2.16	0.36	1186	5.77	2.08	0.36	1240	5.44	1.96	0.36	1321	4.99	1.80	0.36	1403	4.62	1.67	0.36	1456	3.83	1.38	0.36	1512
	26	18	3.27	2.49	0.76	322	3.27	2.49	0.76	359	3.27	2.49	0.76	395	3.63	2.76	0.76	420	3.63	2.76	0.76	469	5.52	4.20	0.76	981	5.28	4.02	0.76	1032	5.08	3.86	0.76	1079	4.88	3.72	0.76	1129	4.61	3.51	0.76	1202	4.23	3.22	0.76	1277	3.91	2.98	0.76	1325	3.25	2.47	0.76	1375
	26	20	3.43	2.20	0.64	362	3.43	2.20	0.64	399	3.43	2.20	0.64	435	3.81	2.44	0.64	460	3.81	2.44	0.64	509	5.80	3.72	0.64	1014	5.55	3.56	0.64	1066	5.34	3.42	0.64	1115	5.13	3.29	0.64	1166	4.84	3.10	0.64	1242	4.44	2.85	0.64	1319	4.11	2.63	0.64	1369	3.41	2.19	0.64	1421
	26	22	3.64	1.90	0.52	401	3.64	1.90	0.52	438	3.64	1.90	0.52	474	4.04	2.11	0.52	499	4.04	2.11	0.52	548	6.15	3.20	0.52	1045	5.88	3.07	0.52	1099	5.66	2.95	0.52	1150	5.44	2.83	0.52	1203	5.13	2.67	0.52	1281	4.71	2.45	0.52	1360	4.36	2.27	0.52	1412	3.62	1.88	0.52	1466
	26	24	3.86	1.55	0.40	441	3.86	1.55	0.40	478	3.86	1.55	0.40	514	4.28	1.72	0.40	539	4.28	1.72	0.40	588	6.52	2.61	0.40	1078	6.24	2.50	0.40	1134	6.00	2.40	0.40	1186	5.77	2.31	0.40	1240	5.44	2.18	0.40	1321	4.99	2.00	0.40	1403	4.62	1.85	0.40	1456	3.83	1.54	0.40	1512
	26	26	4.05	1.14	0.28	481	4.05	1.14	0.28	518	4.05	1.14	0.28	554	4.50	1.26	0.28	579	4.50	1.26	0.28	628	6.84	1.92	0.28	1111	6.55	1.84	0.28	1168	6.30	1.77	0.28	1222	6.05	1.70	0.28	1278	5.71	1.60	0.28	1361	5.24	1.47	0.28	1445	4.85	1.36	0.28	1500	4.03	1.13	0.28	1557
	27	18	3.27	2.62	0.80	322	3.27	2.62	0.80	359	3.27	2.62	0.80	395	3.63	2.91	0.80	420	3.63	2.91	0.80	469	5.52	4.42	0.80	981	5.28	4.23	0.80	1032	5.08	4.07	0.80	1079	4.88	3.91	0.80	1129	4.61	3.69	0.80	1202	4.23	3.39	0.80	1277	3.91	3.13	0.80	1325	3.25	2.60	0.80	1375
	27	19	3.33	2.47	0.74	342	3.33	2.47	0.74	379	3.33	2.47	0.74	415	3.70	2.74	0.74	440	3.70	2.74	0.74	489	5.63	4.17	0.74	997	5.39	3.99	0.74	1049	5.18	3.84	0.74	1097	4.98	3.69	0.74	1147	4.70	3.48	0.74	1222	4.31	3.20	0.74	1298	3.99	2.96	0.74	1347	3.31	2.45	0.74	1398
	27	20	3.43	2.34	0.68	362	3.43	2.34	0.68	399	3.43	2.34	0.68	435	3.81	2.60	0.68	460	3.81	2.60	0.68	509	5.80	3.95	0.68	1014	5.55	3.78	0.68	1066	5.34	3.63	0.68	1115	5.13	3.49	0.68	1166	4.84	3.30	0.68	1242	4.44	3.03	0.68	1319	4.11	2.80	0.68	1369	3.41	2.32	0.68	1421
	27	22	3.64	2.04	0.56	401	3.64	2.04	0.56	438	3.64	2.04	0.56	474	4.04	2.27	0.56	499	4.04	2.27	0.56	548	6.15	3.45	0.56	1045	5.88	3.30	0.56	1099	5.66	3.17	0.56	1150	5.44	3.05	0.56	1203	5.13	2.88	0.56	1281	4.71	2.64	0.56	1360	4.36	2.44	0.56	1412	3.62	2.03	0.56	1466
	27	24	3.86	1.70	0.44	441	3.86	1.70	0.44	478	3.86	1.70	0.44	514	4.28	1.89	0.44	539	4.28	1.89	0.44	588	6.52	2.87	0.44	1078	6.24	2.75	0.44	1134	6.00	2.64	0.44	1186	5.77	2.54	0.44	1240	5.44	2.40	0.44	1321	4.99	2.20	0.44	1403	4.62	2.04	0.44	1456	3.83	1.69	0.44	1512
	27	26	4.05	1.30	0.32	481	4.05	1.30	0.32	518	4.05	1.30	0.32	554	4.50	1.44	0.32	579	4.50	1.44	0.32	628	6.84	2.20	0.32	1111	6.55	2.10	0.32	1168	6.30	2.02	0.32	1222	6.05	1.94	0.32	1278	5.71	1.83	0.32	1361	5.24	1.68	0.32	1445	4.85	1.56	0.32	1500	4.03	1.29	0.32	1557
	28	18	3.27	2.75	0.84	322	3.27	2.75	0.84	359	3.27	2.75	0.84	395	3.63	3.05	0.84	420	3.63	3.05	0.84	469	5.52	4.64	0.84	981	5.28	4.44	0.84	1032	5.08	4.27	0.84	1079	4.88	4.11	0.84	1129	4.61	3.87	0.84	1202	4.23	3.56	0.84	1277	3.91	3.29	0.84	1325	3.25	2.73	0.84	1375
	28	20	3.43	2.47	0.72	362	3.43	2.47	0.72	399	3.43	2.47	0.72	435	3.81	2.75	0.72	460	3.81	2.75	0.72	509	5.80	4.18	0.72	1014	5.55	4.00	0.72	1066	5.34	3.85	0.72	1115	5.13	3.70	0.72	1166	4.84	3.49	0.72	1242	4.44	3.20	0.72	1319	4.11	2.96	0.72	1369	3.41	2.46	0.72	1421
	28	22	3.64	2.19	0.60	401	3.64	2.19	0.60	438	3.64	2.19	0.60	474	4.04	2.43	0.60	499	4.04	2.43	0.60	548	6.15	3.69	0.60	1045	5.88	3.54	0.60	1099	5.66	3.40	0.60	1150	5.44	3.27	0.60	1203	5.13	3.08	0.60	1281	4.71	2.83	0.60	1360	4.36	2.62	0.60	1412	3.62	2.17	0.60	1466
	28	24	3.86	1.85	0.48	441	3.86	1.85	0.48	478	3.86	1.85	0.48	514	4.28	2.06	0.48	539	4.28	2.06	0.48	588	6.52	3.13	0.48	1078	6.24	3.00	0.48	1134	6.00	2.88	0.48	1186	5.77	2.77	0.48	1240	5.44	2.62	0.48	1321	4.99	2.40	0.48	1403	4.62	2.22	0.48	1456	3.83	1.84	0.48	1512
	28	26	4.05	1.46	0.36	481	4.05	1.46	0.36	518	4.05	1.46	0.36	554	4.50	1.62	0.36	579	4.50	1.62	0.36	628	6.84	2.47	0.36	1111	6.55	2.36	0.36	1168	6.30	2.27	0.36	1222	6.05	2.19	0.36	1278	5.71	2.06	0.36	1361	5.24	1.89	0.36	1445	4.85	1.75	0.36	1500	4.03	1.45	0.36	1557
	29	18	3.27	2.81	0.86	322	3.27	2.81	0.86	359	3.27	2.81	0.86	395	3.63	3.12	0.86	420	3.63	3.12	0.86	469	5.52	4.75	0.86	981	5.28	4.55	0.86	1032	5.08	4.37	0.86	1079	4.88	4.20	0.86	1129	4.61	3.97	0.86	1202	4.23	3.64	0.86	1277	3.91	3.37	0.86	1325	3.25	2.80	0.86	1375
	29	20	3.43	2.61	0.76	362	3.43	2.61	0.76	399	3.43	2.61	0.76	435	3.81	2.90	0.76	460	3.81	2.90	0.76	509	5.80	4.41	0.76	1014	5.55	4.22	0.76	1066	5.34	4.06	0.76	1115	5.13	3.91	0.76	1166	4.84	3.68	0.76	1242	4.44	3.38	0.76	1319	4.11	3.13	0.76	1369	3.41	2.60	0.76	1421
	29	22	3.64	2.33	0.64	401	3.64	2.33	0.64	438	3.64	2.33	0.64	474	4.04	2.59	0.64	499	4.04	2.59	0.64	548	6.15	3.94	0.64	1045	5.88	3.77	0.64	1099	5.66	3.63	0.64	1150	5.44	3.49	0.64	1203	5.13	3.29	0.64	1281	4.71	3.02	0.64	1360	4.36	2.79	0.64	1412	3.62	2.32	0.64	1466
	29	24	3.86	2.01	0.52	441	3.86	2.01	0.52	478	3.86	2.01	0.52	514	4.28	2.23	0.52	539	4.28	2.23	0.52	588	6.52	3.40	0.52	1078	6.24	3.25	0.52	1134	6.00	3.12	0.52	1186	5.77	3.00	0.52	1240	5.44	2.83	0.52	1321	4.99	2.60	0.52	1403	4.62	2.41	0.52	1456	3.83	2.00	0.52	1512
	29	26	4.05	1.62	0.40	481	4.05	1.62	0.40	518	4.05	1.62	0.40	554	4.50	1.80	0.40	579	4.50	1.80	0.40	628	6.84	2.74	0.40	1111	6.55	2.63	0.40	1168	6.30	2.52	0.40	1222	6.05	2.43	0.40	1278	5.71	2.29	0.40	1361	5.24	2.10	0.40	1445	4.85	1.94	0.40	1500	4.03	1.61	0.40	1557
	30	18	3.27	2.81	0.86	322	3.27	2.81	0.86	359	3.27	2.81	0.86	395	3.63	3.12	0.86	420	3.63	3.12	0.86	469	5.52	4.75	0.86	981	5.28	4.55	0.86	1032	5.08	4.37	0.86	1079	4.88	4.20	0.86	1129	4.61	3.97	0.86	1202	4.23	3.64	0.86	1277	3.91	3.37	0.86	1325	3.25	2.80	0.86	1375
	30	20	3.43	2.75	0.80	362	3.43	2.75	0.80	399	3.43	2.75	0.80	435	3.81	3.05	0.80	460	3.81	3.05	0.80	509	5.80	4.65	0.80	1014	5.55	4.45	0.80	1066	5.34	4.27	0.80	1115	5.13	4.11	0.80	1166	4.84	3.88	0.80	1242	4.44	3.56	0.80	1319	4.11	3.29	0.80	1369	3.41	2.73	0.80	1421
	30	22	3.64	2.48	0.68	401	3.64	2.48	0.68	438	3.64	2.48	0.68	474	4.04	2.75	0.68	499	4.04	2.75	0.68	548	6.15	4.19	0.68	1045	5.88	4.01	0.68	1099	5.66	3.85	0.68	1150	5.44	3.70	0.68	1203	5.13	3.49	0.68	1281	4.71	3.21	0.68	1360	4.36	2.97	0.68	1412	3.62	2.46	0.68	1466
	30	24	3.86	2.16	0.56	441	3.86	2.16	0.56	478	3.86	2.16	0.56	514	4.28	2.40	0.56	539	4.28	2.40	0.56	588	6.52	3.66	0.56	1078	6.24	3.50	0.56	1134	6.00	3.36	0.56	1186	5.77	3.23	0.56	1240	5.44	3.05	0.56	1321	4.99	2.80	0.56	1403	4.62	2.59	0.56	1456	3.83	2.15	0.56	1512
	30	26	4.05	1.79	0.44	481	4.05	1.79	0.44	518	4.05	1.79	0.44	554	4.50	1.98	0.44	579	4.50	1.98	0.44	628	6.84	3.02	0.44	1111	6.55	2.89	0.44	1168	6.30	2.78	0.44	1222	6.05	2.67	0.44	1278	5.71	2.52	0.44	1361	5.24	2.31	0.44	1445	4.85	2.14	0.44	1500	4.03	1.78	0.44	1557
	31	18	3.27	2.81	0.86	322	3.27	2.81	0.86	359	3.27	2.81	0.86	395	3.63	3.12	0.86	420	3.63	3.12	0.86	469	5.52	4.75	0.86	981	5.28	4.55	0.86	1032	5.08	4.37	0.86	1079	4.88	4.20	0.86	1129	4.61	3.97	0.86	1202	4.23	3.64	0.86	1277	3.91	3.37	0.86	1325	3.25	2.80	0.86	1375
	31	20	3.43	2.89	0.84	362	3.43	2.89	0.84	399	3.43	2.89	0.84	435	3.81	3.21	0.84	460	3.81	3.21	0.84	509	5.80	4.88	0.84	1014	5.55	4.67	0.84	1066	5.34	4.49	0.84	1115	5.13	4.32	0.84	1166	4.84	4.07	0.84	1242	4.44	3.74	0.84	1319	4.11	3.46	0.84	1369	3.41	2.87	0.84	1421
	31	22	3.64	2.62	0.72	401	3.64	2.62	0.72	438	3.64	2.62	0.72	474	4.04	2.91	0.72	499	4.04	2.91	0.72	548	6.15	4.43	0.72	1045	5.88	4.24	0.72	1099	5.66	4.08	0.72	1150	5.44	3.92	0.72	1203	5.13	3.70	0.72	1281	4.71	3.40	0.72	1360	4.36	3.14	0.72	1412	3.62	2.61	0.72	1466
	31	24	3.86	2.32	0.60	441	3.86	2.32	0.60	478	3.86	2.32	0.60	514	4.28	2.57	0.60	539	4.28	2.57	0.60	588	6.52	3.92	0.60	1078	6.24	3.75	0.60	1134	6.00	3.60	0.60	1186	5.77	3.47	0.60	1240	5.44	3.27	0.60	1321	4.99	3.00	0.60	1403	4.62	2.78	0.60	1456	3.83	2.30	0.60	1512
	31	26	4.05	1.95	0.48	481	4.05	1.95	0.48	518	4.05	1.95	0.48	554	4.50	2.16	0.48	579	4.50	2.16	0.48	628	6.84	3.29	0.48	1111	6.55	3.15	0.48	1168	6.30	3.03	0.48	1222	6.05	2.91	0.48	1278	5.71	2.75	0.48	1361	5.24	2.52	0.48	1445	4.85	2.33	0.48	1500	4.03	1.94	0.48	1557
	32	18	3.27	2.81	0.86	322	3.27	2.81	0.86	359	3.27	2.81	0.86	395	3.63	3.12	0.86	420	3.63	3.12	0.86	469	5.52	4.75	0.86	981	5.28	4.55	0.86	1032	5.08	4.37	0.86	1079	4.88	4.20	0.86	1129	4.61	3.97	0.86	1202	4.23	3.64	0.86	1277	3.91	3.37	0.86	1325	3.25	2.80	0.86	1375
	32	20	3.43	2.96	0.86	362	3.43	2.96	0.86	399	3.43	2.96	0.86	435	3.81	3.28	0.86	460	3.81	3.28	0.86	509	5.80	4.99	0.86	1014	5.55	4.78	0.86	1066	5.34	4.59	0.86	1115	5.13	4.42	0.86	1166	4.84	4.17	0.86	1242	4.44	3.83	0.86	1319	4.11	3.54	0.86	1369	3.41	2.94	0.86	1421
	32	22	3.64	2.77	0.76	401	3.64	2.77	0.76	438	3.64	2.77	0.76	474	4.04	3.08	0.76	499	4.04	3.08	0.76	548	6.15	4.68	0.76	1045	5.88	4.48	0.76	1099	5.66	4.30	0.76	1150	5.44	4.14	0.76	1203	5.13	3.91	0.76	1281	4.71	3.58	0.76	1360	4.36	3.32	0.76	1412	3.62	2.75	0.76	1466
	32	24	3.86	2.47	0.64	441	3.86	2.47	0.64	478	3.86	2.47	0.64	514	4.28	2.75	0.64	539	4.28	2.75	0.64	588	6.52	4.18	0.64	1078	6.24	4.00	0.64	1134	6.00	3.84	0.64	1186	5.77	3.70	0.64	1240	5.44	3.49	0.64	1321	4.99	3.20	0.64	1403	4.62	2.96	0.64	1456	3.83	2.46	0.64	1512
	32	26	4.05	2.11	0.52	481	4.05	2.11	0.52	518	4.05	2.11	0.52	554	4.50	2.34	0.52	579	4.50	2.34	0.52	628	6.84	3.57	0.52	1111	6.55	3.41	0.52	1168	6.30	3.28	0.52	1222	6.05	3.15	0.52	1278	5.71	2.98	0.52	1361	5.24	2.73	0.52	1445	4.85	2.53	0.52	1500	4.03	2.10	0.52	1557

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
80%	21	18	3.14	1.69	0.54	288	3.14	1.69	0.54	321	3.14	1.69	0.54	354	3.48	1.88	0.54	376	3.48	1.88	0.54	420	5.30	2.85	0.54	881	5.07	2.73	0.54	927
	21	20	3.29	1.38	0.42	328	3.29	1.38	0.42	361	3.29	1.38	0.42	394	3.66	1.53	0.42	416	3.66	1.53	0.42	460	5.57	2.33	0.42	914	5.33	2.23	0.42	961
	22	18	3.14	1.81	0.58	288	3.14	1.81	0.58	321	3.14	1.81	0.58	354	3.48	2.02	0.58	376	3.48	2.02	0.58	420	5.30	3.07	0.58	881	5.07	2.93	0.58	927
	22	20	3.29	1.51	0.46	328	3.29	1.51	0.46	361	3.29	1.51	0.46	394	3.66	1.68	0.46	416	3.66	1.68	0.46	460	5.57	2.55	0.46	914	5.33	2.44	0.46	961
	22	22	3.49	1.18	0.34	367	3.49	1.18	0.34	400	3.49	1.18	0.34	433	3.88	1.31	0.34	455	3.88	1.31	0.34	499	5.90	2.00	0.34	946	5.65	1.91	0.34	994
	23	18	3.14	1.94	0.62	288	3.14	1.94	0.62	321	3.14	1.94	0.62	354	3.48	2.15	0.62	376	3.48	2.15	0.62	420	5.30	3.28	0.62	881	5.07	3.14	0.62	927
	23	20	3.29	1.64	0.50	328	3.29	1.64	0.50	361	3.29	1.64	0.50	394	3.66	1.83	0.50	416	3.66	1.83	0.50	460	5.57	2.78	0.50	914	5.33	2.66	0.50	961
	23	22	3.49	1.32	0.38	367	3.49	1.32	0.38	400	3.49	1.32	0.38	433	3.88	1.47	0.38	455	3.88	1.47	0.38	499	5.90	2.24	0.38	946	5.65	2.14	0.38	994
	24	18	3.14	2.07	0.66	288	3.14	2.07	0.66	321	3.14	2.07	0.66	354	3.48	2.29	0.66	376	3.48	2.29	0.66	420	5.30	3.49	0.66	881	5.07	3.34	0.66	927
	24	20	3.29	1.78	0.54	328	3.29	1.78	0.54	361	3.29	1.78	0.54	394	3.66	1.97	0.54	416	3.66	1.97	0.54	460	5.57	3.00	0.54	914	5.33	2.87	0.54	961
	24	22	3.49	1.46	0.42	367	3.49	1.46	0.42	400	3.49	1.46	0.42	433	3.88	1.62	0.42	455	3.88	1.62	0.42	499	5.90	2.47	0.42	946	5.65	2.37	0.42	994
	24	24	3.70	1.11	0.30	407	3.70	1.11	0.30	440	3.70	1.11	0.30	473	4.11	1.23	0.30	495	4.11	1.23	0.30	539	6.26	1.87	0.30	978	5.99	1.79	0.30	1029
	25	18	3.14	2.19	0.70	288	3.14	2.19	0.70	321	3.14	2.19	0.70	354	3.48	2.43	0.70	376	3.48	2.43	0.70	420	5.30	3.70	0.70	881	5.07	3.54	0.70	927
	25	20	3.29	1.91	0.58	328	3.29	1.91	0.58	361	3.29	1.91	0.58	394	3.66	2.12	0.58	416	3.66	2.12	0.58	460	5.57	3.22	0.58	914	5.33	3.08	0.58	961
	25	22	3.49	1.60	0.46	367	3.49	1.60	0.46	400	3.49	1.60	0.46	433	3.88	1.78	0.46	455	3.88	1.78	0.46	499	5.90	2.71	0.46	946	5.65	2.59	0.46	994
	25	24	3.70	1.25	0.34	407	3.70	1.25	0.34	440	3.70	1.25	0.34	473	4.11	1.39	0.34	495	4.11	1.39	0.34	539	6.26	2.12	0.34	978	5.99	2.03	0.34	1029
	26	18	3.14	2.32	0.74	288	3.14	2.32	0.74	321	3.14	2.32	0.74	354	3.48	2.57	0.74	376	3.48	2.57	0.74	420	5.30	3.91	0.74	881	5.07	3.75	0.74	927
	26	20	3.29	2.04	0.62	328	3.29	2.04	0.62	361	3.29	2.04	0.62	394	3.66	2.26	0.62	416	3.66	2.26	0.62	460	5.57	3.45	0.62	914	5.33	3.30	0.62	961
	26	22	3.49	1.74	0.50	367	3.49	1.74	0.50	400	3.49	1.74	0.50	433	3.88	1.93	0.50	455	3.88	1.93	0.50	499	5.90	2.94	0.50	946	5.65	2.82	0.50	994
	26	24	3.70	1.40	0.38	407	3.70	1.40	0.38	440	3.70	1.40	0.38	473	4.11	1.56	0.38	495	4.11	1.56	0.38	539	6.26	2.37	0.38	978	5.99	2.27	0.38	1029
	26	26	3.89	1.01	0.26	447	3.89	1.01	0.26	480	3.89	1.01	0.26	513	4.32	1.12	0.26	535	4.32	1.12	0.26	579	6.57	1.70	0.26	1011	6.29	1.63	0.26	1063
	27	18	3.14	2.44	0.78	288	3.14	2.44	0.78	321	3.14	2.44	0.78	354	3.48	2.71	0.78	376	3.48	2.71	0.78	420	5.30	4.13	0.78	881	5.07	3.95	0.78	927
	27	19	3.20	2.30	0.72	308	3.20	2.30	0.72	341	3.20	2.30	0.72	374	3.55	2.55	0.72	396	3.55	2.55	0.72	440	5.41	3.89	0.72	898	5.17	3.72	0.72	944
	27	20	3.29	2.17	0.66	328	3.29	2.17	0.66	361	3.29	2.17	0.66	394	3.66	2.41	0.66	416	3.66	2.41	0.66	460	5.57	3.67	0.66	914	5.33	3.51	0.66	961
	27	22	3.49	1.88	0.54	367	3.49	1.88	0.54	400	3.49	1.88	0.54	433	3.88	2.09	0.54	455	3.88	2.09	0.54	499	5.90	3.18	0.54	946	5.65	3.04	0.54	994
	27	24	3.70	1.55	0.42	407	3.70	1.55	0.42	440	3.70	1.55	0.42	473	4.11	1.72	0.42	495	4.11	1.72	0.42	539	6.26	2.62	0.42	978	5.99	2.51	0.42	1029
	27	26	3.89	1.16	0.30	447	3.89	1.16	0.30	480	3.89	1.16	0.30	513	4.32	1.29	0.30	535	4.32	1.29	0.30	579	6.57	1.96	0.30	1011	6.29	1.88	0.30	1063
	28	18	3.14	2.57	0.82	288	3.14	2.57	0.82	321	3.14	2.57	0.82	354	3.48	2.85	0.82	376	3.48	2.85	0.82	420	5.30	4.34	0.82	881	5.07	4.15	0.82	927
	28	20	3.29	2.30	0.70	328	3.29	2.30	0.70	361	3.29	2.30	0.70	394	3.66	2.56	0.70	416	3.66	2.56	0.70	460	5.57	3.89	0.70	914	5.33	3.72	0.70	961
	28	22	3.49	2.02	0.58	367	3.49	2.02	0.58	400	3.49	2.02	0.58	433	3.88	2.25	0.58	455	3.88	2.25	0.58	499	5.90	3.42	0.58	946	5.65	3.27	0.58	994
	28	24	3.70	1.70	0.46	407	3.70	1.70	0.46	440	3.70	1.70	0.46	473	4.11	1.89	0.46	495	4.11	1.89	0.46	539	6.26	2.87	0.46	978	5.99	2.75	0.46	1029
	28	26	3.89	1.32	0.34	447	3.89	1.32	0.34	480	3.89	1.32	0.34	513	4.32	1.46	0.34	535	4.32	1.46	0.34	579	6.57	2.23	0.34	1011	6.29	2.13	0.34	1063
	29	18	3.14	2.63	0.84	288	3.14	2.63	0.84	321	3.14	2.63	0.84	354	3.48	2.92	0.84	376	3.48	2.92	0.84	420	5.30	4.44	0.84	881	5.07	4.25	0.84	927
	29	20	3.29	2.43	0.74	328	3.29	2.43	0.74	361	3.29	2.43	0.74	394	3.66	2.70	0.74	416	3.66	2.70	0.74	460	5.57	4.11	0.74	914	5.33	3.94	0.74	961
	29	22	3.49	2.16	0.62	367	3.49	2.16	0.62	400	3.49	2.16	0.62	433	3.88	2.40	0.62	455	3.88	2.40	0.62	499	5.90	3.65	0.62	946	5.65	3.49	0.62	994
	29	24	3.70	1.85	0.50	407	3.70	1.85	0.50	440	3.70	1.85	0.50	473	4.11	2.05	0.50	495	4.11	2.05	0.50	539	6.26	3.12	0.50	978	5.99	2.99	0.50	1029
	29	26	3.89	1.47	0.38	447	3.89	1.47	0.38	480	3.89	1.47	0.38	513	4.32	1.64	0.38	535	4.32	1.64	0.38	579	6.57	2.49	0.38	1011	6.29	2.38	0.38	1063
	30	18	3.14	2.63	0.84	288	3.14	2.63	0.84	321	3.14	2.63	0.84	354	3.48	2.92	0.84	376	3.48	2.92	0.84	420	5.30	4.44	0.84	881	5.07	4.25	0.84	927
	30	20	3.29	2.57	0.78	328	3.29	2.57	0.78	361	3.29	2.57	0.78	394	3.66	2.85	0.78	416	3.66	2.85	0.78	460	5.57	4.34	0.78	914	5.33	4.15	0.78	961
	30	22	3.49	2.30	0.66	367	3.49	2.30	0.66	400	3.49	2.30	0.66	433	3.88	2.56	0.66	455	3.88	2.56	0.66	499	5.90	3.89	0.66	946	5.65	3.72	0.66	994
	30	24	3.70	1.99	0.54	407	3.70	1.99	0.54	440	3.70	1.99	0.54	473	4.11	2.22	0.54	495	4.11	2.22	0.54	539	6.26	3.37	0.54	978	5.99	3.23	0.54	1029
	30	26	3.89	1.63	0.42	447	3.89	1.63	0.42	480	3.89	1.63	0.42	513	4.32	1.81	0.42	535	4.32	1.81	0.42	579	6.57	2.75	0.42	1011	6.29	2.63	0.42	1063
	31	18	3.14	2.63	0.84	288	3.14	2.63	0.84	321	3.14	2.63	0.84	354	3.48	2.92	0.84	376	3.48	2.92	0.84	420	5.30	4.44	0.84	881	5.07	4.25	0.84	927
	31	20	3.29	2.70	0.82	328	3.29	2.70	0.82	361	3.29	2.70	0.82	394	3.66	3.00	0.82	416	3.66	3.00	0.82	460	5.57	4.56	0.82	914	5.33	4.36	0.82	961
	31	22	3.49	2.44	0.70	367	3.49	2.44	0.70	400	3.49	2.44	0.70	433	3.88	2.71	0.70	455	3.88	2.71	0.70	499	5.90	4.12	0.70	946	5.65	3.95	0.70	994
	31	24	3.70	2.14	0.58	407	3.70	2.14	0.58	440	3.70	2.14	0.58	473	4.11	2.38	0.58	495	4.11	2.38	0.58	539	6.26	3.62	0.58	978	5.99	3.46	0.58	1029
	31	26	3.89	1.78	0.46	447	3.89	1.78	0.46	480	3.89	1.78	0.46	513	4.32	1.98	0.46	535	4.32	1.98	0.46	579	6.57	3.01	0.46	1011	6.29	2.88	0.46	1063
	32	18	3.14	2.63	0.84	288	3.14	2.63	0.84	321	3.14	2.63	0.84	354	3.48	2.92	0.84	376	3.48	2.92	0.84	420	5.30	4.44	0.84	881	5.07	4.25	0.84	927
	32	20	3.29	2.76	0.84	328	3.29	2.76	0.84	361	3.29	2.76	0.84	394	3.66	3.07	0.84	416	3.66	3.07	0.84	460	5.57	4.67	0.84	914	5.33	4.47	0.84	961
	32	22	3.49	2.58	0.74	367	3.49	2.58	0.74	400	3.49	2.58	0.74	433	3.88	2.87	0.74	455	3.88	2.87	0.74	499	5.90	4.36	0.74	946	5.65	4.17	0.74	994
	32	24	3.70	2.29	0.62	407	3.70	2.29	0.62	440	3.70	2.29	0.62	473	4.11	2.54	0.62	495	4.11	2.54	0.62	539	6.26	3.87	0.62	978	5.99	3.70	0.62	1029
	32	26	3.89	1.94	0.50	447	3.89	1.94	0.50	480	3.89	1.94	0.50	513	4.32	2.15	0.50	535	4.32	2.15	0.50	579	6.57	3.28	0.50	1011	6.29	3.14	0.50	1063

COMBINATION (%)	IDDB (°C)	ID WB (°C)	27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
80%	21	18	4.87	2.63	0.54	969	4.69	2.53	0.54	1014	4.42	2.38	0.54	1080	4.06	2.19	0.54	1147	3.75	2.02	0.54	1190	3.12	1.68	0.54	1236
	21	20	5.12	2.15	0.42	1005	4.93	2.06	0.42	1051	4.65	1.95	0.42	1120	4.27	1.79	0.42	1189	3.95	1.65	0.42	1234	3.28	1.37	0.42	1281
	22	18	4.87	2.82	0.58	969	4.69	2.71	0.58	1014	4.42	2.56	0.58	1080	4.06	2.35	0.58	1147	3.75	2.17	0.58	1190	3.12	1.80	0.58	1236
	22	20	5.12	2.35	0.46	1005	4.93	2.26	0.46	1051	4.65	2.13	0.46	1120	4.27	1.96	0.46	1189	3.95	1.81	0.46	1234	3.28	1.50	0.46	1281
	22	22	5.43	1.84	0.34	1040	5.22	1.77	0.34	1088	4.93	1.67	0.34	1159	4.52	1.53	0.34	1231	4.18	1.42	0.34	1277	3.47	1.18	0.34	1326
	23	18	4.87	3.02	0.62	969	4.69	2.90	0.62	1014	4.42	2.74	0.62	1080	4.06	2.51	0.62	1147	3.75	2.32	0.62	1190	3.12	1.93	0.62	1236
	23	20	5.12	2.56	0.50	1005	4.93	2.46	0.50	1051	4.65	2.32	0.50	1120	4.27	2.13	0.50	1189	3.95	1.97	0.50	1234	3.28	1.63	0.50	1281
	23	22	5.43	2.06	0.38	1040	5.22	1.98	0.38	1088	4.93	1.87	0.38	1159	4.52	1.71	0.38	1231	4.18	1.58	0.38	1277	3.47	1.32	0.38	1326
	24	18	4.87	3.21	0.66	969	4.69	3.09	0.66	1014	4.42	2.91	0.66	1080	4.06	2.67	0.66	1147	3.75	2.47	0.66	1190	3.12	2.05	0.66	1236
	24	20	5.12	2.76	0.54	1005	4.93	2.65	0.54	1051	4.65	2.50	0.54	1120	4.27	2.30	0.54	1189	3.95	2.13	0.54	1234	3.28	1.76	0.54	1281
	24	22	5.43	2.27	0.42	1040	5.22	2.19	0.42	1088	4.93	2.06	0.42	1159	4.52	1.89	0.42	1231	4.18	1.75	0.42	1277	3.47	1.45	0.42	1326
	24	24	5.76	1.72	0.30	1076	5.54	1.65	0.30	1126	5.22	1.56	0.30	1199	4.79	1.43	0.30	1273	4.43	1.32	0.30	1322	3.68	1.10	0.30	1372
	25	18	4.87	3.41	0.70	969	4.69	3.28	0.70	1014	4.42	3.09	0.70	1080	4.06	2.84	0.70	1147	3.75	2.62	0.70	1190	3.12	2.18	0.70	1236
	25	20	5.12	2.97	0.58	1005	4.93	2.85	0.58	1051	4.65	2.69	0.58	1120	4.27	2.47	0.58	1189	3.95	2.28	0.58	1234	3.28	1.90	0.58	1281
	25	22	5.43	2.49	0.46	1040	5.22	2.40	0.46	1088	4.93	2.26	0.46	1159	4.52	2.07	0.46	1231	4.18	1.92	0.46	1277	3.47	1.59	0.46	1326
	25	24	5.76	1.95	0.34	1076	5.54	1.88	0.34	1126	5.22	1.77	0.34	1199	4.79	1.62	0.34	1273	4.43	1.50	0.34	1322	3.68	1.25	0.34	1372
	26	18	4.87	3.60	0.74	969	4.69	3.46	0.74	1014	4.42	3.27	0.74	1080	4.06	3.00	0.74	1147	3.75	2.77	0.74	1190	3.12	2.30	0.74	1236
	26	20	5.12	3.17	0.62	1005	4.93	3.05	0.62	1051	4.65	2.88	0.62	1120	4.27	2.64	0.62	1189	3.95	2.44	0.62	1234	3.28	2.03	0.62	1281
	26	22	5.43	2.71	0.50	1040	5.22	2.60	0.50	1088	4.93	2.46	0.50	1159	4.52	2.26	0.50	1231	4.18	2.09	0.50	1277	3.47	1.73	0.50	1326
	26	24	5.76	2.18	0.38	1076	5.54	2.10	0.38	1126	5.22	1.98	0.38	1199	4.79	1.82	0.38	1273	4.43	1.68	0.38	1322	3.68	1.39	0.38	1372
	26	26	6.04	1.56	0.26	1112	5.81	1.50	0.26	1163	5.48	1.42	0.26	1239	5.03	1.30	0.26	1316	4.66	1.20	0.26	1366	3.86	1.00	0.26	1417
	27	18	4.87	3.80	0.78	969	4.69	3.65	0.78	1014	4.42	3.44	0.78	1080	4.06	3.16	0.78	1147	3.75	2.92	0.78	1190	3.12	2.43	0.78	1236
	27	19	4.97	3.58	0.72	987	4.78	3.44	0.72	1033	4.51	3.24	0.72	1100	4.14	2.98	0.72	1168	3.83	2.75	0.72	1212	3.18	2.29	0.72	1258
	27	20	5.12	3.38	0.66	1005	4.93	3.25	0.66	1051	4.65	3.06	0.66	1120	4.27	2.81	0.66	1189	3.95	2.60	0.66	1234	3.28	2.16	0.66	1281
	27	22	5.43	2.93	0.54	1040	5.22	2.81	0.54	1088	4.93	2.65	0.54	1159	4.52	2.44	0.54	1231	4.18	2.25	0.54	1277	3.47	1.87	0.54	1326
	27	24	5.76	2.41	0.42	1076	5.54	2.32	0.42	1126	5.22	2.19	0.42	1199	4.79	2.01	0.42	1273	4.43	1.86	0.42	1322	3.68	1.54	0.42	1372
	27	26	6.04	1.81	0.30	1112	5.81	1.74	0.30	1163	5.48	1.64	0.30	1239	5.03	1.50	0.30	1316	4.66	1.39	0.30	1366	3.86	1.15	0.30	1417
	28	18	4.87	3.99	0.82	969	4.69	3.84	0.82	1014	4.42	3.62	0.82	1080	4.06	3.32	0.82	1147	3.75	3.07	0.82	1190	3.12	2.55	0.82	1236
	28	20	5.12	3.58	0.70	1005	4.93	3.44	0.70	1051	4.65	3.25	0.70	1120	4.27	2.98	0.70	1189	3.95	2.76	0.70	1234	3.28	2.29	0.70	1281
	28	22	5.43	3.14	0.58	1040	5.22	3.02	0.58	1088	4.93	2.85	0.58	1159	4.52	2.62	0.58	1231	4.18	2.42	0.58	1277	3.47	2.01	0.58	1326
	28	24	5.76	2.64	0.46	1076	5.54	2.54	0.46	1126	5.22	2.40	0.46	1199	4.79	2.20	0.46	1273	4.43	2.03	0.46	1322	3.68	1.69	0.46	1372
	28	26	6.04	2.05	0.34	1112	5.81	1.97	0.34	1163	5.48	1.86	0.34	1239	5.03	1.71	0.34	1316	4.66	1.58	0.34	1366	3.86	1.31	0.34	1417
	29	18	4.87	4.09	0.84	969	4.69	3.93	0.84	1014	4.42	3.71	0.84	1080	4.06	3.40	0.84	1147	3.75	3.15	0.84	1190	3.12	2.61	0.84	1236
	29	20	5.12	3.78	0.74	1005	4.93	3.64	0.74	1051	4.65	3.43	0.74	1120	4.27	3.15	0.74	1189	3.95	2.92	0.74	1234	3.28	2.42	0.74	1281
	29	22	5.43	3.36	0.62	1040	5.22	3.23	0.62	1088	4.93	3.05	0.62	1159	4.52	2.80	0.62	1231	4.18	2.59	0.62	1277	3.47	2.15	0.62	1326
	29	24	5.76	2.87	0.50	1076	5.54	2.76	0.50	1126	5.22	2.60	0.50	1199	4.79	2.39	0.50	1273	4.43	2.21	0.50	1322	3.68	1.84	0.50	1372
	29	26	6.04	2.29	0.38	1112	5.81	2.20	0.38	1163	5.48	2.08	0.38	1239	5.03	1.91	0.38	1316	4.66	1.76	0.38	1366	3.86	1.46	0.38	1417
	30	18	4.87	4.09	0.84	969	4.69	3.93	0.84	1014	4.42	3.71	0.84	1080	4.06	3.40	0.84	1147	3.75	3.15	0.84	1190	3.12	2.61	0.84	1236
	30	20	5.12	3.99	0.78	1005	4.93	3.84	0.78	1051	4.65	3.62	0.78	1120	4.27	3.32	0.78	1189	3.95	3.07	0.78	1234	3.28	2.55	0.78	1281
	30	22	5.43	3.58	0.66	1040	5.22	3.44	0.66	1088	4.93	3.25	0.66	1159	4.52	2.98	0.66	1231	4.18	2.76	0.66	1277	3.47	2.29	0.66	1326
	30	24	5.76	3.10	0.54	1076	5.54	2.98	0.54	1126	5.22	2.81	0.54	1199	4.79	2.58	0.54	1273	4.43	2.39	0.54	1322	3.68	1.98	0.54	1372
	30	26	6.04	2.53	0.42	1112	5.81	2.43	0.42	1163	5.48	2.30	0.42	1239	5.03	2.11	0.42	1316	4.66	1.95	0.42	1366	3.86	1.62	0.42	1417
	31	18	4.87	4.09	0.84	969	4.69	3.93	0.84	1014	4.42	3.71	0.84	1080	4.06	3.40	0.84	1147	3.75	3.15	0.84	1190	3.12	2.61	0.84	1236
	31	20	5.12	4.19	0.82	1005	4.93	4.03	0.82	1051	4.65	3.81	0.82	1120	4.27	3.49	0.82	1189	3.95	3.23	0.82	1234	3.28	2.68	0.82	1281
	31	22	5.43	3.79	0.70	1040	5.22	3.65	0.70	1088	4.93	3.44	0.70	1159	4.52	3.16	0.70	1231	4.18	2.92	0.70	1277	3.47	2.43	0.70	1326
	31	24	5.76	3.33	0.58	1076	5.54	3.20	0.58	1126	5.22	3.02	0.58	1199	4.79	2.77	0.58	1273	4.43	2.57	0.58	1322	3.68	2.13	0.58	1372
	31	26	6.04	2.77	0.46	1112	5.81	2.67	0.46	1163	5.48	2.52	0.46	1239	5.03	2.31	0.46	1316	4.66	2.14	0.46	1366	3.86	1.77	0.46	1417
	32	18	4.87	4.09	0.84	969	4.69	3.93	0.84	1014	4.42	3.71	0.84	1080	4.06	3.40	0.84	1147	3.75	3.15	0.84	1190	3.12	2.61	0.84	1236
	32	20	5.12	4.30	0.84	1005	4.93	4.13	0.84	1051	4.65	3.90	0.84	1120	4.27	3.58	0.84	1189	3.95	3.31	0.84	1234	3.28	2.75	0.84	1281
	32	22	5.43	4.01	0.74	1040	5.22	3.86	0.74	1088	4.93	3.64	0.74	1159	4.52	3.34	0.74	1231	4.18	3.09	0.74	1277	3.47	2.56	0.74	1326
	32	24	5.76	3.56	0.62	1076	5.54	3.42	0.62	1126	5.22	3.23	0.62	1199	4.79	2.97	0.62	1273	4.43	2.74	0.62	1322	3.68	2.28	0.62	1372
	32	26	6.04	3.01	0.50	1112	5.81	2.90	0.50	1163	5.48	2.73	0.50	1239	5.03	2.51	0.50	1316	4.66	2.32	0.50	1366	3.86	1.93	0.50	1417

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

5. CAPACITIES AND SELECTION DATA

18K

HEATING PERFORMANCE DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
130%	15	3.76	1240	4.42	1278	4.91	1291	5.40	1318	5.87	1387	6.34	1456	6.66	1500	6.86	1530
	16	3.71	1250	4.37	1289	4.86	1302	5.34	1328	5.80	1398	6.26	1468	6.58	1512	6.77	1542
	17	3.67	1260	4.32	1299	4.80	1312	5.27	1339	5.73	1409	6.19	1480	6.50	1524	6.69	1555
	18	3.63	1270	4.27	1309	4.74	1323	5.21	1350	5.66	1421	6.12	1492	6.42	1537	6.61	1567
	19	3.58	1280	4.22	1320	4.68	1333	5.15	1361	5.60	1432	6.04	1504	6.35	1549	6.54	1580
	20	3.55	1291	4.17	1331	4.64	1344	5.10	1372	5.54	1444	5.98	1516	6.28	1561	6.47	1593
	21	3.51	1305	4.12	1345	4.58	1359	5.04	1387	5.47	1460	5.91	1533	6.21	1579	6.39	1610
	22	3.46	1319	4.07	1360	4.53	1374	4.98	1402	5.41	1476	5.84	1549	6.13	1596	6.32	1628
	23	3.42	1334	4.03	1375	4.47	1389	4.92	1417	5.34	1492	5.77	1567	6.06	1614	6.24	1646
	24	3.38	1349	3.98	1390	4.42	1404	4.86	1433	5.28	1508	5.70	1584	5.99	1631	6.17	1664
	25	3.34	1363	3.93	1406	4.37	1420	4.80	1449	5.22	1525	5.63	1601	5.91	1649	6.09	1682
	26	3.30	1378	3.88	1421	4.31	1435	4.74	1465	5.15	1542	5.57	1619	5.84	1667	6.02	1701
	27	3.26	1394	3.84	1437	4.26	1451	4.68	1481	5.09	1559	5.50	1637	5.77	1686	5.95	1719
	28	3.22	1409	3.79	1452	4.21	1467	4.63	1497	5.03	1576	5.43	1655	5.70	1704	5.88	1738
	29	3.18	1424	3.74	1468	4.16	1483	4.57	1513	4.97	1593	5.37	1673	5.64	1723	5.80	1757
	30	3.14	1440	3.70	1485	4.11	1500	4.52	1530	4.91	1611	5.30	1691	5.57	1742	5.74	1777
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
120%	15	3.65	1181	4.29	1217	4.77	1230	5.24	1255	5.70	1321	6.15	1387	6.46	1429	6.66	1457
	16	3.61	1190	4.24	1227	4.71	1240	5.18	1265	5.63	1332	6.08	1398	6.38	1440	6.58	1469
	17	3.56	1200	4.19	1237	4.66	1250	5.12	1275	5.56	1342	6.01	1409	6.31	1452	6.50	1481
	18	3.52	1210	4.14	1247	4.60	1260	5.06	1285	5.50	1353	5.94	1421	6.23	1463	6.42	1493
	19	3.48	1219	4.09	1257	4.55	1270	5.00	1296	5.43	1364	5.87	1432	6.16	1475	6.35	1505
	20	3.44	1229	4.05	1267	4.50	1280	4.95	1306	5.38	1375	5.81	1444	6.10	1487	6.28	1517
	21	3.40	1243	4.00	1281	4.45	1294	4.89	1321	5.31	1390	5.74	1460	6.03	1503	6.21	1533
	22	3.36	1257	3.96	1295	4.40	1308	4.83	1335	5.25	1405	5.67	1476	5.95	1520	6.13	1550
	23	3.32	1270	3.91	1310	4.34	1323	4.77	1350	5.19	1421	5.60	1492	5.88	1537	6.06	1567
	24	3.28	1284	3.86	1324	4.29	1337	4.72	1365	5.13	1437	5.54	1508	5.81	1554	5.99	1585
	25	3.24	1298	3.82	1339	4.24	1352	4.66	1380	5.06	1452	5.47	1525	5.74	1571	5.91	1602
	26	3.20	1313	3.77	1353	4.19	1367	4.60	1395	5.00	1468	5.40	1542	5.67	1588	5.84	1620
	27	3.17	1327	3.72	1368	4.14	1382	4.55	1410	4.94	1484	5.34	1559	5.61	1605	5.77	1638
	28	3.13	1342	3.68	1383	4.09	1397	4.49	1426	4.88	1501	5.27	1576	5.54	1623	5.70	1656
	29	3.09	1357	3.64	1398	4.04	1413	4.44	1441	4.82	1517	5.21	1593	5.47	1641	5.64	1674
	30	3.05	1371	3.59	1414	3.99	1428	4.39	1457	4.77	1534	5.15	1611	5.41	1659	5.57	1692
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
110%	15	3.54	1158	4.17	1194	4.63	1206	5.09	1230	5.53	1295	5.97	1360	6.27	1401	6.46	1429
	16	3.50	1167	4.12	1203	4.58	1215	5.03	1240	5.47	1305	5.90	1371	6.20	1412	6.38	1440
	17	3.46	1177	4.07	1213	4.52	1225	4.97	1250	5.40	1316	5.83	1382	6.13	1423	6.31	1452
	18	3.42	1186	4.02	1223	4.47	1235	4.91	1260	5.34	1327	5.76	1393	6.05	1435	6.23	1463
	19	3.38	1196	3.97	1233	4.42	1245	4.85	1270	5.27	1337	5.70	1404	5.98	1446	6.16	1475
	20	3.34	1205	3.93	1242	4.37	1255	4.80	1281	5.22	1348	5.64	1415	5.92	1458	6.10	1487
	21	3.30	1218	3.89	1256	4.32	1269	4.75	1295	5.16	1363	5.57	1431	5.85	1474	6.03	1503
	22	3.26	1232	3.84	1270	4.27	1283	4.69	1309	5.10	1378	5.51	1447	5.78	1490	5.95	1520
	23	3.23	1245	3.79	1284	4.22	1297	4.63	1323	5.04	1393	5.44	1463	5.71	1507	5.88	1537
	24	3.19	1259	3.75	1298	4.17	1311	4.58	1338	4.98	1408	5.37	1479	5.64	1523	5.81	1554
	25	3.15	1273	3.70	1312	4.12	1326	4.52	1353	4.92	1424	5.31	1495	5.57	1540	5.74	1571
	26	3.11	1287	3.66	1327	4.07	1340	4.47	1368	4.86	1439	5.25	1511	5.51	1557	5.67	1588
	27	3.07	1301	3.62	1341	4.02	1355	4.42	1383	4.80	1455	5.18	1528	5.44	1574	5.61	1605
	28	3.04	1315	3.57	1356	3.97	1370	4.36	1398	4.74	1471	5.12	1545	5.38	1591	5.54	1623
	29	3.00	1330	3.53	1371	3.92	1385	4.31	1413	4.68	1488	5.06	1562	5.31	1609	5.47	1641
	30	2.96	1345	3.49	1386	3.87	1400	4.26	1429	4.63	1504	5.00	1579	5.25	1626	5.41	1659

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
100%	15	3.44	1124	4.05	1159	4.50	1171	4.94	1194	5.37	1257	5.80	1320	6.09	1360	6.27	1387
	16	3.40	1133	4.00	1168	4.44	1180	4.88	1204	5.31	1267	5.73	1331	6.02	1371	6.20	1398
	17	3.36	1142	3.95	1178	4.39	1189	4.82	1214	5.24	1278	5.66	1342	5.95	1382	6.13	1409
	18	3.32	1151	3.90	1187	4.34	1199	4.77	1224	5.18	1288	5.60	1352	5.88	1393	6.05	1421
	19	3.28	1161	3.86	1197	4.29	1209	4.71	1233	5.12	1298	5.53	1363	5.81	1404	5.98	1432
	20	3.25	1170	3.82	1206	4.24	1218	4.66	1243	5.07	1309	5.48	1374	5.75	1415	5.92	1444
	21	3.21	1183	3.77	1220	4.19	1232	4.61	1257	5.01	1323	5.41	1389	5.68	1431	5.85	1460
	22	3.17	1196	3.73	1233	4.14	1245	4.55	1271	4.95	1338	5.34	1405	5.61	1447	5.78	1476
	23	3.13	1209	3.68	1247	4.09	1259	4.50	1285	4.89	1352	5.28	1420	5.54	1463	5.71	1492
	24	3.09	1222	3.64	1260	4.04	1273	4.44	1299	4.83	1367	5.22	1436	5.48	1479	5.64	1508
	25	3.06	1236	3.60	1274	4.00	1287	4.39	1313	4.77	1382	5.15	1451	5.41	1495	5.57	1525
	26	3.02	1249	3.55	1288	3.95	1301	4.34	1328	4.72	1398	5.09	1467	5.35	1511	5.51	1542
	27	2.98	1263	3.51	1302	3.90	1315	4.29	1342	4.66	1413	5.03	1484	5.28	1528	5.44	1559
	28	2.95	1277	3.47	1317	3.85	1330	4.23	1357	4.60	1428	4.97	1500	5.22	1545	5.38	1576
	29	2.91	1291	3.43	1331	3.81	1345	4.18	1372	4.55	1444	4.91	1516	5.16	1562	5.31	1593
	30	2.88	1305	3.39	1346	3.76	1359	4.13	1387	4.49	1460	4.85	1533	5.10	1579	5.25	1611

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
90%	15	3.32	1104	3.91	1138	4.34	1149	4.77	1173	5.18	1235	5.60	1296	5.88	1335	6.05	1362
	16	3.28	1113	3.86	1147	4.29	1159	4.71	1182	5.12	1245	5.53	1307	5.81	1346	5.98	1373
	17	3.24	1122	3.81	1156	4.24	1168	4.66	1192	5.06	1255	5.47	1317	5.74	1357	5.91	1384
	18	3.20	1131	3.77	1166	4.19	1177	4.60	1202	5.00	1265	5.40	1328	5.67	1368	5.84	1395
	19	3.16	1140	3.72	1175	4.14	1187	4.55	1211	4.94	1275	5.34	1339	5.60	1379	5.77	1406
	20	3.13	1149	3.69	1185	4.10	1197	4.50	1221	4.89	1285	5.28	1349	5.55	1390	5.71	1418
	21	3.10	1162	3.64	1198	4.05	1210	4.45	1234	4.83	1299	5.22	1364	5.48	1405	5.65	1433
	22	3.06	1174	3.60	1211	4.00	1223	4.39	1248	4.78	1314	5.16	1379	5.42	1421	5.58	1449
	23	3.02	1187	3.56	1224	3.95	1236	4.34	1262	4.72	1328	5.10	1395	5.35	1436	5.51	1465
	24	2.99	1200	3.51	1238	3.90	1250	4.29	1276	4.66	1343	5.03	1410	5.29	1452	5.45	1481
	25	2.95	1214	3.47	1251	3.86	1264	4.24	1290	4.61	1357	4.97	1425	5.22	1468	5.38	1497
	26	2.91	1227	3.43	1265	3.81	1278	4.19	1304	4.55	1372	4.91	1441	5.16	1484	5.32	1514
	27	2.88	1240	3.39	1279	3.76	1292	4.14	1318	4.50	1388	4.86	1457	5.10	1501	5.25	1531
	28	2.84	1254	3.35	1293	3.72	1306	4.09	1333	4.44	1403	4.80	1473	5.04	1517	5.19	1547
	29	2.81	1268	3.31	1307	3.67	1320	4.04	1347	4.39	1418	4.74	1489	4.98	1534	5.13	1564
	30	2.78	1282	3.27	1322	3.63	1335	3.99	1362	4.34	1434	4.68	1505	4.92	1551	5.06	1582

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15	-10	-5	0	5	10	15	20	-15	-10	-5	0	5	10	15	20
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
80%	15	3.22	1093	3.79	1127	4.21	1138	4.63	1161	5.03	1222	5.43	1283	5.70	1322	5.87	1348
	16	3.18	1102	3.74	1136	4.16	1147	4.57	1171	4.97	1232	5.37	1294	5.63	1333	5.80	1359
	17	3.14	1110	3.70	1145	4.11	1156	4.52	1180	4.91	1242	5.30	1304	5.57	1343	5.73	1370
	18	3.11	1119	3.65	1154	4.06	1166	4.46	1189	4.85	1252	5.24	1315	5.50	1354	5.67	1381
	19	3.07	1128	3.61	1163	4.01	1175	4.41	1199	4.79	1262	5.18	1325	5.44	1365	5.60	1392
	20	3.04	1138	3.58	1173	3.97	1185	4.37	1209	4.75	1272	5.13	1336	5.38	1376	5.54	1404
	21	3.00	1150	3.53	1186	3.93	1198	4.31	1222	4.69	1286	5.06	1351	5.32	1391	5.48	1419
	22	2.97	1163	3.49	1199	3.88	1211	4.26	1235	4.63	1301	5.00	1366	5.25	1407	5.41	1435
	23	2.93	1176	3.45	1212	3.83	1224	4.21	1249	4.58	1315	4.94	1381	5.19	1422	5.35	1450
	24	2.90	1188	3.41	1225	3.79	1238	4.16	1263	4.52	1329	4.88	1396	5.13	1438	5.28	1466
	25	2.86	1202	3.37	1239	3.74	1251	4.11	1277	4.47	1344	4.83	1411	5.07	1453	5.22	1483
	26	2.83	1215	3.33	1252	3.70	1265	4.06	1291	4.41	1359	4.77	1427	5.01	1469	5.16	1499
	27	2.79	1228	3.29	1266	3.65	1279	4.01	1305	4.36	1374	4.71	1442	4.95	1486	5.09	1515
	28	2.76	1242	3.25	1280	3.61	1293	3.96	1319	4.31	1389	4.65	1458	4.89	1502	5.03	1532
	29	2.73	1255	3.21	1294	3.56	1307	3.92	1334	4.26	1404	4.60	1474	4.83	1518	4.97	1549
	30	2.69	1269	3.17	1308	3.52	1322	3.87	1348	4.21	1419	4.54	1490	4.77	1535	4.91	1566

Remarks:
Q: Total Cooling Capacity (Gross) **kW**
INPUT: Power Input (including the compressor, evap. fan motor & cond. **W**
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

21K

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA — OUTDOOR DB (°C): -15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
	21	18	4.78	2.75	0.58	438	4.78	2.75	0.58	488	4.78	2.75	0.58	537	5.31	3.06	0.58	569	5.31	3.06	0.58	635	8.08	4.66	0.58	1320	7.73	4.45	0.58	1388	7.44	4.28	0.58	1452	7.15	4.12	0.58	1519	6.75	3.89	0.58	1617	6.19	3.57	0.58	1718	5.73	3.30	0.58	1783	4.75	2.74	0.58	1851
	21	20	5.03	2.29	0.46	478	5.03	2.29	0.46	528	5.03	2.29	0.46	577	5.58	2.55	0.46	609	5.58	2.55	0.46	675	8.50	3.87	0.46	1353	8.13	3.71	0.46	1422	7.82	3.56	0.46	1488	7.52	3.43	0.46	1556	7.09	3.23	0.46	1657	6.51	2.97	0.46	1760	6.02	2.75	0.46	1827	5.00	2.28	0.46	1897
	22	18	4.78	2.95	0.62	438	4.78	2.95	0.62	488	4.78	2.95	0.62	537	5.31	3.27	0.62	569	5.31	3.27	0.62	635	8.08	4.98	0.62	1320	7.73	4.76	0.62	1388	7.44	4.58	0.62	1452	7.15	4.40	0.62	1519	6.75	4.16	0.62	1617	6.19	3.81	0.62	1718	5.73	3.53	0.62	1783	4.75	2.93	0.62	1851
	22	20	5.03	2.49	0.50	478	5.03	2.49	0.50	528	5.03	2.49	0.50	577	5.58	2.77	0.50	609	5.58	2.77	0.50	675	8.50	4.21	0.50	1353	8.13	4.03	0.50	1422	7.82	3.88	0.50	1488	7.52	3.73	0.50	1556	7.09	3.52	0.50	1657	6.51	3.23	0.50	1760	6.02	2.99	0.50	1827	5.00	2.48	0.50	1897
	22	22	5.33	2.00	0.38	517	5.33	2.00	0.38	567	5.33	2.00	0.38	616	5.92	2.23	0.38	648	5.92	2.23	0.38	714	9.01	3.39	0.38	1385	8.62	3.24	0.38	1456	8.29	3.11	0.38	1523	7.97	2.99	0.38	1593	7.52	2.83	0.38	1696	6.90	2.59	0.38	1802	6.38	2.40	0.38	1870	5.30	1.99	0.38	1941
	23	18	4.78	3.14	0.66	438	4.78	3.14	0.66	488	4.78	3.14	0.66	537	5.31	3.48	0.66	569	5.31	3.48	0.66	635	8.08	5.30	0.66	1320	7.73	5.07	0.66	1388	7.44	4.88	0.66	1452	7.15	4.69	0.66	1519	6.75	4.43	0.66	1617	6.19	4.06	0.66	1718	5.73	3.76	0.66	1783	4.75	3.12	0.66	1851
	23	20	5.03	2.69	0.54	478	5.03	2.69	0.54	528	5.03	2.69	0.54	577	5.58	2.99	0.54	609	5.58	2.99	0.54	675	8.50	4.55	0.54	1353	8.13	4.36	0.54	1422	7.82	4.19	0.54	1488	7.52	4.03	0.54	1556	7.09	3.80	0.54	1657	6.51	3.49	0.54	1760	6.02	3.23	0.54	1827	5.00	2.68	0.54	1897
	23	22	5.33	2.22	0.42	517	5.33	2.22	0.42	567	5.33	2.22	0.42	616	5.92	2.46	0.42	648	5.92	2.46	0.42	714	9.01	3.75	0.42	1385	8.62	3.58	0.42	1456	8.29	3.45	0.42	1523	7.97	3.31	0.42	1593	7.52	3.13	0.42	1696	6.90	2.87	0.42	1802	6.38	2.65	0.42	1870	5.30	2.20	0.42	1941
	24	18	4.78	3.33	0.70	438	4.78	3.33	0.70	488	4.78	3.33	0.70	537	5.31	3.70	0.70	569	5.31	3.70	0.70	635	8.08	5.63	0.70	1320	7.73	5.38	0.70	1388	7.44	5.18	0.70	1452	7.15	4.98	0.70	1519	6.75	4.70	0.70	1617	6.19	4.31	0.70	1718	5.73	3.99	0.70	1783	4.75	3.31	0.70	1851
	24	20	5.03	2.90	0.58	478	5.03	2.90	0.58	528	5.03	2.90	0.58	577	5.58	3.22	0.58	609	5.58	3.22	0.58	675	8.50	4.89	0.58	1353	8.13	4.68	0.58	1422	7.82	4.50	0.58	1488	7.52	4.33	0.58	1556	7.09	4.08	0.58	1657	6.51	3.75	0.58	1760	6.02	3.47	0.58	1827	5.00	2.88	0.58	1897
	24	22	5.33	2.43	0.46	517	5.33	2.43	0.46	567	5.33	2.43	0.46	616	5.92	2.70	0.46	648	5.92	2.70	0.46	714	9.01	4.11	0.46	1385	8.62	3.93	0.46	1456	8.29	3.78	0.46	1523	7.97	3.63	0.46	1593	7.52	3.43	0.46	1696	6.90	3.15	0.46	1802	6.38	2.91	0.46	1870	5.30	2.42	0.46	1941
	24	24	5.65	1.90	0.34	557	5.65	1.90	0.34	607	5.65	1.90	0.34	656	6.27	2.11	0.34	688	6.27	2.11	0.34	754	9.55	3.21	0.34	1417	9.13	3.07	0.34	1490	8.78	2.95	0.34	1559	8.45	2.84	0.34	1631	7.97	2.68	0.34	1736	7.31	2.46	0.34	1844	6.77	2.27	0.34	1914	5.62	1.89	0.34	1987
	25	18	4.78	3.52	0.74	438	4.78	3.52	0.74	488	4.78	3.52	0.74	537	5.31	3.91	0.74	569	5.31	3.91	0.74	635	8.08	5.95	0.74	1320	7.73	5.69	0.74	1388	7.44	5.47	0.74	1452	7.15	5.26	0.74	1519	6.75	4.96	0.74	1617	6.19	4.56	0.74	1718	5.73	4.22	0.74	1783	4.75	3.50	0.74	1851
	25	20	5.03	3.10	0.62	478	5.03	3.10	0.62	528	5.03	3.10	0.62	577	5.58	3.44	0.62	609	5.58	3.44	0.62	675	8.50	5.23	0.62	1353	8.13	5.01	0.62	1422	7.82	4.81	0.62	1488	7.52	4.63	0.62	1556	7.09	4.37	0.62	1657	6.51	4.01	0.62	1760	6.02	3.71	0.62	1827	5.00	3.08	0.62	1897
	25	22	5.33	2.64	0.50	517	5.33	2.64	0.50	567	5.33	2.64	0.50	616	5.92	2.94	0.50	648	5.92	2.94	0.50	714	9.01	4.47	0.50	1385	8.62	4.27	0.50	1456	8.29	4.11	0.50	1523	7.97	3.95	0.50	1593	7.52	3.73	0.50	1696	6.90	3.42	0.50	1802	6.38	3.17	0.50	1870	5.30	2.63	0.50	1941
	25	24	5.65	2.12	0.38	557	5.65	2.12	0.38	607	5.65	2.12	0.38	656	6.27	2.36	0.38	688	6.27	2.36	0.38	754	9.55	3.59	0.38	1417	9.13	3.43	0.38	1490	8.78	3.30	0.38	1559	8.45	3.17	0.38	1631	7.97	2.99	0.38	1736	7.31	2.75	0.38	1844	6.77	2.54	0.38	1914	5.62	2.11	0.38	1987
	26	18	4.78	3.71	0.78	438	4.78	3.71	0.78	488	4.78	3.71	0.78	537	5.31	4.12	0.78	569	5.31	4.12	0.78	635	8.08	6.27	0.78	1320	7.73	6.00	0.78	1388	7.44	5.77	0.78	1452	7.15	5.55	0.78	1519	6.75	5.23	0.78	1617	6.19	4.81	0.78	1718	5.73	4.45	0.78	1783	4.75	3.69	0.78	1851
	26	20	5.03	3.30	0.66	478	5.03	3.30	0.66	528	5.03	3.30	0.66	577	5.58	3.66	0.66	609	5.58	3.66	0.66	675	8.50	5.57	0.66	1353	8.13	5.33	0.66	1422	7.82	5.13	0.66	1488	7.52	4.93	0.66	1556	7.09	4.65	0.66	1657	6.51	4.27	0.66	1760	6.02	3.95	0.66	1827	5.00	3.28	0.66	1897
	26	22	5.33	2.86	0.54	517	5.33	2.86	0.54	567	5.33	2.86	0.54	616	5.92	3.17	0.54	648	5.92	3.17	0.54	714	9.01	4.83	0.54	1385	8.62	4.62	0.54	1456	8.29	4.44	0.54	1523	7.97	4.27	0.54	1593	7.52	4.03	0.54	1696	6.90	3.70	0.54	1802	6.38	3.42	0.54	1870	5.30	2.84	0.54	1941
	26	24	5.65	2.35	0.42	557	5.65	2.35	0.42	607	5.65	2.35	0.42	656	6.27	2.61	0.42	688	6.27	2.61	0.42	754	9.55	3.97	0.42	1417	9.13	3.80	0.42	1490	8.78	3.65	0.42	1559	8.45	3.51	0.42	1631	7.97	3.31	0.42	1736	7.31	3.04	0.42	1844	6.77	2.81	0.42	1914	5.62	2.34	0.42	1987
	26	26	5.93	1.76	0.30	597	5.93	1.76	0.30	647	5.93	1.76	0.30	696	6.59	1.95	0.30	728	6.59	1.95	0.30	794	10.02	2.97	0.30	1450	9.59	2.84	0.30	1525	9.22	2.73	0.30	1595	8.87	2.62	0.30	1668	8.37	2.48	0.30	1776	7.68	2.27	0.30	1887	7.10	2.10	0.30	1958	5.90	1.74	0.30	2033
	27	18	4.78	3.90	0.82	438	4.78	3.90	0.82	488	4.78	3.90	0.82	537	5.31	4.33	0.82	569	5.31	4.33	0.82	635	8.08	6.59	0.82	1320	7.73	6.31	0.82	1388	7.44	6.07	0.82	1452	7.15	5.83	0.82	1519	6.75	5.50	0.82	1617	6.19	5.05	0.82	1718	5.73	4.67	0.82	1783	4.75	3.88	0.82	1851
	27	19	4.88	3.69	0.76	458	4.88	3.69	0.76	508	4.88	3.69	0.76	557	5.42	4.10	0.76	589	5.42	4.10	0.76	655	8.25	6.23	0.76	1336	7.89	5.97	0.76	1405	7.59	5.74	0.76	1470	7.30	5.52	0.76	1538	6.88	5.20	0.76	1637	6.32	4.78	0.76	1739	5.85	4.42	0.76	1805	4.85	3.67	0.76	1874
	27	20	5.03	3.50	0.70	478	5.03	3.50	0.70	528	5.03	3.50	0.70	577	5.58	3.89	0.70	609	5.58	3.89	0.70	675	8.50	5.91	0.70	1353	8.13	5.66	0.70	1422	7.82	5.44	0.70	1488	7.52	5.23	0.70	1556	7.09	4.93	0.70	1657	6.51	4.53	0.70	1760	6.02	4.19	0.70	1827	5.00	3.48	0.70	1897
	27	22	5.33	3.07	0.58	517	5.33	3.07	0.58	567	5.33	3.07	0.58	616	5.92	3.41	0.58	648	5.92	3.41	0.58	714	9.01	5.19	0.58	1385	8.62	4.96	0.58	1456	8.29	4.77	0.58	1523	7.97	4.59	0.58	1593	7.52	4.33	0.58	1696	6.90	3.97	0.58	1802	6.38	3.68	0.58	1870	5.30	3.05	0.58	1941
130%	27	24	5.65	2.58	0.46	557	5.65	2.58	0.46	607	5.65	2.58	0.46	656	6.27	2.86	0.46	688	6.27	2.86	0.46	754	9.55	4.35	0.46	1417	9.13	4.16	0.46	1490	8.78	4.00	0.46	1559	8.45	3.85	0.46	1631	7.97	3.63	0.46	1736	7.31	3.33	0.46	1844	6.77	3.08	0.46	1914	5.62	2.56	0.46	1987
	27	26	5.93	1.99	0.34	597	5.93	1.99	0.34	647	5.93	1.99	0.34	696	6.59	2.21	0.34	728	6.59	2.21	0.34	794	10.02	3.37	0.34	1450	9.59	3.22	0.34	1525	9.22	3.10	0.34	1595	8.87	2.98	0.34	1668	8.37	2.81	0.34	1776	7.68	2.58	0.34	1887	7.10	2.39	0.34	1958	5.90	1.98	0.34	2033
	28	18	4.78	4.09	0.86	438	4.78	4.09	0.86	488	4.78	4.09	0.86	537	5.31	4.55	0.86	569	5.31	4.55	0.86	635	8.08	6.92	0.86	1320	7.73	6.62	0.86	1388	7.44	6.37	0.86	1452	7.15	6.12	0.86	1519	6.75	5.77	0.86	1617	6.19	5.30	0.86	1718	5.73	4.90	0.86	1783	4.75	4.07	0.86	1851
	28	20	5.03	3.70	0.74	478	5.03	3.70	0.74	528	5.03	3.70	0.74	577	5.58	4.11	0.74	609	5.58	4.11	0.74	675	8.50	6.25	0.74	1353	8.13	5.98	0.74	1422	7.82	5.75	0.74	1488	7.52	5.53	0.74	1556	7.09	5.22	0.74	1657	6.51	4.79	0.74	1760	6.02	4.43	0.74	1827	5.00	3.68	0.74	1897
	28	22	5.33	3.28	0.62	517	5.33	3.28	0.62	567	5.33	3.28	0.62	616	5.92	3.65	0.62	648	5.92	3.65	0.62	714	9.01	5.55	0.62	1385	8.62	5.31	0.62	1456	8.29	5.10	0.62	1523	7.97	4.91	0.62	1593	7.52	4.63	0.62	1696	6.90	4.25	0.62	1802	6.38	3.93	0.62	1870	5.30	3.26	0.62	1941
	28	24	5.65	2.80	0.50	557	5.65	2.80	0.50	607	5.65	2.80	0.50	656	6.27	3.11	0.50	688	6.27	3.11	0.50	754	9.55	4.73	0.50	1417	9.13	4.53	0.50	1490	8.78	4.36	0.50	1559	8.45	4.19	0.50	1631	7.97	3.95	0.50	1736	7.31	3.63	0.50	1844	6.77	3.36	0.50	1914	5.62	2.78	0.50	1987
	28	26	5.93	2.23	0.38	597	5.93	2.23	0.38	647	5.93	2.23	0.38	696	6.59	2.48	0.38	728	6.59	2.48	0.38	794	10.02	3.77	0.38	1450	9.59	3.61	0.38	1525	9.22	3.47	0.38	1595	8.87	3.33	0.38	1668	8.37	3.14	0.38	1776	7.68	2.89	0.38	1887	7.10	2.67	0.38	1958	5.90	2.22	0.38	2033
	29	18	4.78	4.19	0.88	438	4.78	4.19	0.88	488	4.78	4.19	0.88	537	5.31	4.65	0.88	569	5.31	4.65	0.88	635	8.08	7.08	0.88	1320	7.73	6.78	0.88	1388	7.44	6.51	0.88	1452	7.15	6.26	0.88	1519	6.75	5.91	0.88	1617	6.19	5.42	0.88	1718	5.73	5.02	0.88	1783	4.75	4.16	0.88	1851
	29	20	5.03	3.90	0.78	478	5.03	3.90	0.78	528	5.03	3.90	0.78	577	5.58	4.33	0.78	609	5.58	4.33	0.78	675	8.50	6.59	0.78	1353	8.13	6.31	0.78	1422	7.82	6.07	0.78	1488	7.52	5.83	0.78	1556	7.09	5.50	0.78	1657	6.51	5.05	0.78	1760	6.02	4.67	0.78	1827	5.00	3.88	0.78	1897
	29	22	5.33	3.50	0.66	517	5.33	3.50	0.66	567	5.33	3.50	0.66	616	5.92	3.88	0.66	648	5.92	3.88	0.66	714	9.01	5.91	0.66	1385	8.62	5.65	0.66	1456	8.29	5.43	0.66	1523	7.97	5.23	0.66	1593	7.52	4.93	0.66	1696	6.90	4.53	0.66	1802	6.38	4.19	0.66	1870	5.30	3.47	0.66	1941
	29	24	5.65	3.03	0.54	557	5.65	3.03	0.54	607	5.65	3.03	0.54	656	6.27	3.36	0.54	688	6.27	3.36	0.54	754	9.55	5.12	0.54	1417	9.13	4.90	0.54	1490	8.78	4.71	0.54	1559	8.45	4.53	0.54	1631	7.97	4.27	0.54	1736	7.31	3.92	0.54	1844	6.77	3.63	0.54	1914	5.62	3.01	0.54	1987
	29	26	5.93	2.47	0.42	597	5.93	2.47	0.42	647	5.93	2.47	0.42	696	6.59	2.74	0.42	728	6.59	2.74	0.42	794	10.02	4.17	0.42	1450	9.59	3.99	0.42	1525	9.22	3.84	0.42	1595	8.87	3.69	0.42	1668	8.37	3.48	0.42	1776	7.68	3.19	0.42	1887	7.10	2.95	0.42	1958	5.90	2.45	0.42	2033
	30	18	4.78	4.19	0.88	438	4.78	4.19	0.88	488	4.78	4.19	0.88	537	5.31	4.65	0.88	569	5.31	4.65	0.88	635	8.08	7.08	0.88	1320	7.73	6.78	0.88	1388	7.44	6.51	0.88	1452	7.15	6.26	0.88	1519	6.75	5.91	0.88	1617	6.19	5.42	0.88	1718	5.73	5.02	0.88	1783	4.75	4.16	0.88	1851
	30	20	5.03	4.10	0.82	478	5.03	4.10	0.82	528	5.03	4.10	0.82	577	5.58	4.56	0.82	609	5.58	4.56	0.82	675	8.50	6.93	0.82	1353	8.13	6.63	0.82	1422	7.82	6.38	0.82	1488	7.52	6.13	0.82	1556	7.09	5.79	0.82	1657	6.51	5.31	0.82	1760	6.02	4.91	0.82	1827	5.00	4.08	0.82	1897
	30	22	5.33	3.71	0.70	517	5.33	3.71	0.70	567	5.33	3.71	0.70	616	5.92	4.12	0.70	648	5.92	4.12	0.70	714	9.01	6.27	0.70	1385	8.62	6.00	0.70	1456	8.29	5.77	0.70	1523	7.97	5.54	0.70	1593	7.52	5.23	0.70	1696	6.90	4.80	0.70	1802	6.38	4.44	0.70	1870	5.30	3.69	0.70	1941
	30	24	5.65	3.25	0.58	557	5.65	3.25	0.58	607	5.65	3.25	0.58	656	6.27	3.61	0.58	688	6.27	3.61	0.58	754	9.55	5.50	0.58	1417	9.13	5.26	0.58	1490	8.78	5.06	0.58	1559	8.45	4.86	0.58	1631	7.97	4.59	0.58	1736	7.31	4.21	0.58	1844	6.77	3.90	0.58	1914	5.62	3.23	0.58	1987
	30	26	5.93	2.70	0.46	597	5.93	2.70	0.46	647	5.93	2.70	0.46	696	6.59	3.00	0.46	728	6.59	3.00	0.46	794	10.02	4.57	0.46	1450	9.59	4.37	0.46	1525	9.22	4.20	0.46	1595	8.87	4.04	0.46	1668	8.37	3.81	0.46	1776	7.68	3.50	0.46	1887	7.10	3.24	0.46	1958	5.90	2.69	0.46	2033
	31	18	4.78	4.19	0.88	438	4.78	4.19	0.88	488	4.78	4.19	0.88	537	5.31	4.65	0.88	569	5.31	4.65	0.88	635	8.08	7.08	0.88	1320	7.73	6.78	0.88	1388	7.44	6.51	0.88	1452	7.15	6.26	0.88	1519	6.75	5.91	0.88	1617	6.19	5.42	0.88	1718	5.73	5.02	0.88	1783	4.75	4.16	0.88	1851
	31	20	5.03	4.30	0.86	478	5.03	4.30	0.86	528	5.03	4.30	0.86	577	5.58	4.78	0.86	609	5.58	4.78	0.86	675	8.50	7.27	0.86	1353	8.13	6.96	0.86	1422	7.82	6.69	0.86	1488	7.52	6.43	0.86	1556	7.09	6.07	0.86	1657	6.51	5.57	0.86	1760	6.02	5.15	0.86	1827	5.00	4.28	0.86	1897
	31	22	5.33	3.92	0.74	517	5.33	3.92	0.74	567	5.33	3.92	0.74	616	5.92	4.36	0.74	648	5.92	4.36	0.74	714	9.01	6.63	0.74	1385	8.62	6.34	0.74	1456	8.29	6.10	0.74	1523	7.97	5.86	0.74	1593	7.52	5.53	0.74	1696	6.90	5.08	0.74	1802	6.38	4.70	0.74	1870	5.30	3.90	0.74	1941
	31	24	5.65	3.48	0.62	557	5.65	3.48	0.62	607	5.65	3.48	0.62	656	6.27	3.86	0.62	688	6.27	3.86	0.62	754	9.55	5.88	0.62	1417	9.13	5.63	0.62	1490	8.78	5.41	0.62	1559	8.45	5.20	0.62	1631	7.97	4.91	0.62	1736	7.31	4.50	0.62	1844	6.77	4.17	0.62	1914	5.62	3.46	0.62	1987
	31	26	5.93	2.94	0.50	597	5.93	2.94	0.50	647	5.93	2.94	0.50	696	6.59	3.27	0.50	728	6.59	3.27	0.50	794	10.02	4.97	0.50	1450	9.59	4.76	0.50	1525	9.22	4.57	0.50	1595	8.87	4.40	0.50	1668	8.37	4.15	0.50	1776	7.68	3.81	0.50	1887	7.10	3.52	0.50	1958	5.90	2.92	0.50	2033
	32	18	4.78	4.19	0.88	438	4.78	4.19	0.88	488	4.78	4.19	0.88	537	5.31	4.65	0.88	569	5.31	4.65	0.88	635	8.08	7.08	0.88	1320	7.73	6.78	0.88	1388	7.44	6.51	0.88	1452	7.15	6.26	0.88	1519	6.75	5.91	0.88	1617	6.19	5.42	0.88	1718	5.73	5.02	0.88	1783	4.75	4.16	0.88	1851
	32	20	5.03	4.40	0.88	478	5.03	4.40	0.88	528	5.03	4.40	0.88	577	5.58	4.89	0.88	609	5.58	4.89	0.88	675	8.50	7.44	0.88	1353	8.13	7.12	0.88	1422	7.82	6.85	0.88	1488	7.52	6.58	0.88	1556	7.09	6.21	0.88	1657	6.51	5.70	0.88	1760	6.02	5.27	0.88	1827	5.00	4.38	0.88	1897
	32	22	5.33	4.13	0.78	517	5.33	4.13	0.78	567	5.33	4.13	0.78	616	5.92	4.59	0.78	648	5.92	4.59	0.78	714	9.01	6.99	0.78	1385	8.62	6.69	0.78	1456	8.29	6.43	0.78	1523	7.97	6.18	0.78	1593	7.52	5.83	0.78	1696	6.90	5.35	0.78	1802	6.38	4.95	0.78	1870	5.30	4.11	0.78	1941
	32	24	5.65	3.71	0.66	557	5.65	3.71	0.66	607	5.65	3.71	0.66	656	6.27	4.12	0.66	688	6.27	4.12	0.66	754	9.55	6.26	0.66	1417	9.13	5.99	0.66	1490	8.78	5.76	0.66	1559	8.45	5.54	0.66	1631	7.97	5.23	0.66	1736	7.31	4.80	0.66	1844	6.77	4.44	0.66	1914	5.62	3.68	0.66	1987
	32	26	5.93	3.18	0.54	597	5.93	3.18	0.54	647	5.93	3.18	0.54	696	6.59	3.53	0.54	728	6.59	3.53	0.54	794	10.02	5.37	0.54	1450	9.59	5.14	0.54	1525	9.22	4.94	0.54	1595	8.87	4.75	0.54	1668	8.37	4.48	0.54	1776	7.68	4.12	0.54	1887	7.10	3.81	0.54	1958	5.90	3.16	0.54	2033

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
	21	18	4.64	2.78	0.60	417	4.64	2.78	0.60	463	4.64	2.78	0.60	510	5.16	3.09	0.60	541	5.16	3.09	0.60	604	7.85	4.70	0.60	1256	7.51	4.50	0.60	1321	7.22	4.33	0.60	1382	6.94	4.16	0.60	1446	6.55	3.93	0.60	1540	6.01	3.60	0.60	1635	5.56	3.33	0.60	1697	4.62	2.77	0.60	1762
	21	20	4.88	2.34	0.48	457	4.88	2.34	0.48	503	4.88	2.34	0.48	550	5.42	2.60	0.48	581	5.42	2.60	0.48	644	8.25	3.95	0.48	1289	7.89	3.78	0.48	1356	7.59	3.64	0.48	1418	7.30	3.50	0.48	1483	6.88	3.30	0.48	1580	6.32	3.03	0.48	1677	5.85	2.80	0.48	1741	4.85	2.33	0.48	1807
	22	18	4.64	2.97	0.64	417	4.64	2.97	0.64	463	4.64	2.97	0.64	510	5.16	3.30	0.64	541	5.16	3.30	0.64	604	7.85	5.02	0.64	1256	7.51	4.80	0.64	1321	7.22	4.62	0.64	1382	6.94	4.44	0.64	1446	6.55	4.19	0.64	1540	6.01	3.84	0.64	1635	5.56	3.56	0.64	1697	4.62	2.95	0.64	1762
	22	20	4.88	2.53	0.52	457	4.88	2.53	0.52	503	4.88	2.53	0.52	550	5.42	2.82	0.52	581	5.42	2.82	0.52	644	8.25	4.28	0.52	1289	7.89	4.10	0.52	1356	7.59	3.94	0.52	1418	7.30	3.79	0.52	1483	6.88	3.57	0.52	1580	6.32	3.28	0.52	1677	5.85	3.04	0.52	1741	4.85	2.52	0.52	1807
	22	22	5.17	2.07	0.40	496	5.17	2.07	0.40	542	5.17	2.07	0.40	589	5.75	2.29	0.40	620	5.75	2.29	0.40	683	8.74	3.49	0.40	1321	8.37	3.34	0.40	1389	8.04	3.21	0.40	1453	7.74	3.09	0.40	1520	7.30	2.91	0.40	1619	6.70	2.67	0.40	1719	6.20	2.47	0.40	1784	5.14	2.05	0.40	1852
	23	18	4.64	3.15	0.68	417	4.64	3.15	0.68	463	4.64	3.15	0.68	510	5.16	3.50	0.68	541	5.16	3.50	0.68	604	7.85	5.33	0.68	1256	7.51	5.10	0.68	1321	7.22	4.91	0.68	1382	6.94	4.72	0.68	1446	6.55	4.45	0.68	1540	6.01	4.08	0.68	1635	5.56	3.78	0.68	1697	4.62	3.14	0.68	1762
	23	20	4.88	2.73	0.56	457	4.88	2.73	0.56	503	4.88	2.73	0.56	550	5.42	3.03	0.56	581	5.42	3.03	0.56	644	8.25	4.61	0.56	1289	7.89	4.41	0.56	1356	7.59	4.24	0.56	1418	7.30	4.08	0.56	1483	6.88	3.85	0.56	1580	6.32	3.53	0.56	1677	5.85	3.27	0.56	1741	4.85	2.71	0.56	1807
	23	22	5.17	2.27	0.44	496	5.17	2.27	0.44	542	5.17	2.27	0.44	589	5.75	2.52	0.44	620	5.75	2.52	0.44	683	8.74	3.84	0.44	1321	8.37	3.68	0.44	1389	8.04	3.53	0.44	1453	7.74	3.40	0.44	1520	7.30	3.21	0.44	1619	6.70	2.94	0.44	1719	6.20	2.72	0.44	1784	5.14	2.26	0.44	1852
	24	18	4.64	3.34	0.72	417	4.64	3.34	0.72	463	4.64	3.34	0.72	510	5.16	3.71	0.72	541	5.16	3.71	0.72	604	7.85	5.64	0.72	1256	7.51	5.40	0.72	1321	7.22	5.19	0.72	1382	6.94	4.99	0.72	1446	6.55	4.71	0.72	1540	6.01	4.33	0.72	1635	5.56	4.00	0.72	1697	4.62	3.32	0.72	1762
	24	20	4.88	2.93	0.60	457	4.88	2.93	0.60	503	4.88	2.93	0.60	550	5.42	3.25	0.60	581	5.42	3.25	0.60	644	8.25	4.94	0.60	1289	7.89	4.73	0.60	1356	7.59	4.55	0.60	1418	7.30	4.37	0.60	1483	6.88	4.13	0.60	1580	6.32	3.79	0.60	1677	5.85	3.50	0.60	1741	4.85	2.91	0.60	1807
	24	22	5.17	2.48	0.48	496	5.17	2.48	0.48	542	5.17	2.48	0.48	589	5.75	2.75	0.48	620	5.75	2.75	0.48	683	8.74	4.19	0.48	1321	8.37	4.01	0.48	1389	8.04	3.86	0.48	1453	7.74	3.71	0.48	1520	7.30	3.50	0.48	1619	6.70	3.21	0.48	1719	6.20	2.97	0.48	1784	5.14	2.47	0.48	1852
	24	24	5.48	1.97	0.36	536	5.48	1.97	0.36	582	5.48	1.97	0.36	629	6.09	2.19	0.36	660	6.09	2.19	0.36	723	9.27	3.33	0.36	1354	8.87	3.19	0.36	1423	8.53	3.06	0.36	1489	8.20	2.95	0.36	1557	7.74	2.78	0.36	1659	7.10	2.55	0.36	1761	6.57	2.36	0.36	1828	5.45	1.96	0.36	1898
	25	18	4.64	3.53	0.76	417	4.64	3.53	0.76	463	4.64	3.53	0.76	510	5.16	3.92	0.76	541	5.16	3.92	0.76	604	7.85	5.96	0.76	1256	7.51	5.70	0.76	1321	7.22	5.48	0.76	1382	6.94	5.27	0.76	1446	6.55	4.97	0.76	1540	6.01	4.57	0.76	1635	5.56	4.22	0.76	1697	4.62	3.51	0.76	1762
	25	20	4.88	3.12	0.64	457	4.88	3.12	0.64	503	4.88	3.12	0.64	550	5.42	3.47	0.64	581	5.42	3.47	0.64	644	8.25	5.27	0.64	1289	7.89	5.05	0.64	1356	7.59	4.85	0.64	1418	7.30	4.67	0.64	1483	6.88	4.40	0.64	1580	6.32	4.04	0.64	1677	5.85	3.74	0.64	1741	4.85	3.10	0.64	1807
	25	22	5.17	2.69	0.52	496	5.17	2.69	0.52	542	5.17	2.69	0.52	589	5.75	2.98	0.52	620	5.75	2.98	0.52	683	8.74	4.54	0.52	1321	8.37	4.34	0.52	1389	8.04	4.18	0.52	1453	7.74	4.02	0.52	1520	7.30	3.79	0.52	1619	6.70	3.48	0.52	1719	6.20	3.22	0.52	1784	5.14	2.67	0.52	1852
	25	24	5.48	2.19	0.40	536	5.48	2.19	0.40	582	5.48	2.19	0.40	629	6.09	2.43	0.40	660	6.09	2.43	0.40	723	9.27	3.70	0.40	1354	8.87	3.54	0.40	1423	8.53	3.40	0.40	1489	8.20	3.27	0.40	1557	7.74	3.09	0.40	1659	7.10	2.84	0.40	1761	6.57	2.62	0.40	1828	5.45	2.18	0.40	1898
	26	18	4.64	3.71	0.80	417	4.64	3.71	0.80	463	4.64	3.71	0.80	510	5.16	4.12	0.80	541	5.16	4.12	0.80	604	7.85	6.27	0.80	1256	7.51	6.00	0.80	1321	7.22	5.77	0.80	1382	6.94	5.55	0.80	1446	6.55	5.24	0.80	1540	6.01	4.81	0.80	1635	5.56	4.45	0.80	1697	4.62	3.69	0.80	1762
	26	20	4.88	3.32	0.68	457	4.88	3.32	0.68	503	4.88	3.32	0.68	550	5.42	3.68	0.68	581	5.42	3.68	0.68	644	8.25	5.60	0.68	1289	7.89	5.36	0.68	1356	7.59	5.16	0.68	1418	7.30	4.96	0.68	1483	6.88	4.68	0.68	1580	6.32	4.29	0.68	1677	5.85	3.97	0.68	1741	4.85	3.30	0.68	1807
	26	22	5.17	2.89	0.56	496	5.17	2.89	0.56	542	5.17	2.89	0.56	589	5.75	3.21	0.56	620	5.75	3.21	0.56	683	8.74	4.89	0.56	1321	8.37	4.68	0.56	1389	8.04	4.50	0.56	1453	7.74	4.33	0.56	1520	7.30	4.08	0.56	1619	6.70	3.75	0.56	1719	6.20	3.47	0.56	1784	5.14	2.88	0.56	1852
	26	24	5.48	2.41	0.44	536	5.48	2.41	0.44	582	5.48	2.41	0.44	629	6.09	2.68	0.44	660	6.09	2.68	0.44	723	9.27	4.07	0.44	1354	8.87	3.90	0.44	1423	8.53	3.75	0.44	1489	8.20	3.60	0.44	1557	7.74	3.40	0.44	1659	7.10	3.12	0.44	1761	6.57	2.89	0.44	1828	5.45	2.39	0.44	1898
	26	26	5.76	1.84	0.32	576	5.76	1.84	0.32	622	5.76	1.84	0.32	669	6.40	2.04	0.32	700	6.40	2.04	0.32	763	9.73	3.11	0.32	1386	9.31	2.97	0.32	1458	8.95	2.86	0.32	1525	8.61	2.75	0.32	1595	8.12	2.59	0.32	1699	7.46	2.38	0.32	1804	6.90	2.20	0.32	1872	5.72	1.83	0.32	1944
	27	18	4.64	3.90	0.84	417	4.64	3.90	0.84	463	4.64	3.90	0.84	510	5.16	4.33	0.84	541	5.16	4.33	0.84	604	7.85	6.59	0.84	1256	7.51	6.30	0.84	1321	7.22	6.06	0.84	1382	6.94	5.83	0.84	1446	6.55	5.50	0.84	1540	6.01	5.05	0.84	1635	5.56	4.67	0.84	1697	4.62	3.87	0.84	1762
	27	19	4.74	3.69	0.78	437	4.74	3.69	0.78	483	4.74	3.69	0.78	530	5.26	4.10	0.78	561	5.26	4.10	0.78	624	8.01	6.24	0.78	1273	7.66	5.97	0.78	1338	7.37	5.74	0.78	1400	7.08	5.52	0.78	1464	6.68	5.21	0.78	1560	6.14	4.78	0.78	1656	5.68	4.42	0.78	1719	4.71	3.67	0.78	1784
	27	20	4.88	3.51	0.72	457	4.88	3.51	0.72	503	4.88	3.51	0.72	550	5.42	3.90	0.72	581	5.42	3.90	0.72	644	8.25	5.93	0.72	1289	7.89	5.68	0.72	1356	7.59	5.46	0.72	1418	7.30	5.25	0.72	1483	6.88	4.95	0.72	1580	6.32	4.55	0.72	1677	5.85	4.20	0.72	1741	4.85	3.49	0.72	1807
	27	22	5.17	3.10	0.60	496	5.17	3.10	0.60	542	5.17	3.10	0.60	589	5.75	3.44	0.60	620	5.75	3.44	0.60	683	8.74	5.24	0.60	1321	8.37	5.01	0.60	1389	8.04	4.82	0.60	1453	7.74	4.64	0.60	1520	7.30	4.37	0.60	1619	6.70	4.01	0.60	1719	6.20	3.71	0.60	1784	5.14	3.08	0.60	1852
120%	27	24	5.48	2.63	0.48	536	5.48	2.63	0.48	582	5.48	2.63	0.48	629	6.09	2.92	0.48	660	6.09	2.92	0.48	723	9.27	4.44	0.48	1354	8.87	4.25	0.48	1423	8.53	4.09	0.48	1489	8.20	3.93	0.48	1557	7.74	3.71	0.48	1659	7.10	3.40	0.48	1761	6.57	3.15	0.48	1828	5.45	2.61	0.48	1898
	27	26	5.76	2.07	0.36	576	5.76	2.07	0.36	622	5.76	2.07	0.36	669	6.40	2.30	0.36	700	6.40	2.30	0.36	763	9.73	3.50	0.36	1386	9.31	3.35	0.36	1458	8.95	3.22	0.36	1525	8.61	3.09	0.36	1595	8.12	2.92	0.36	1699	7.46	2.68	0.36	1804	6.90	2.48	0.36	1872	5.72	2.06	0.36	1944
	28	18	4.64	4.08	0.88	417	4.64	4.08	0.88	463	4.64	4.08	0.88	510	5.16	4.54	0.88	541	5.16	4.54	0.88	604	7.85	6.90	0.88	1256	7.51	6.60	0.88	1321	7.22	6.35	0.88	1382	6.94	6.10	0.88	1446	6.55	5.76	0.88	1540	6.01	5.29	0.88	1635	5.56	4.89	0.88	1697	4.62	4.06	0.88	1762
	28	20	4.88	3.71	0.76	457	4.88	3.71	0.76	503	4.88	3.71	0.76	550	5.42	4.12	0.76	581	5.42	4.12	0.76	644	8.25	6.26	0.76	1289	7.89	5.99	0.76	1356	7.59	5.76	0.76	1418	7.30	5.54	0.76	1483	6.88	5.23	0.76	1580	6.32	4.80	0.76	1677	5.85	4.44	0.76	1741	4.85	3.68	0.76	1807
	28	22	5.17	3.31	0.64	496	5.17	3.31	0.64	542	5.17	3.31	0.64	589	5.75	3.67	0.64	620	5.75	3.67	0.64	683	8.74	5.59	0.64	1321	8.37	5.35	0.64	1389	8.04	5.14	0.64	1453	7.74	4.95	0.64	1520	7.30	4.67	0.64	1619	6.70	4.28	0.64	1719	6.20	3.96	0.64	1784	5.14	3.29	0.64	1852
	28	24	5.48	2.85	0.52	536	5.48	2.85	0.52	582	5.48	2.85	0.52	629	6.09	3.16	0.52	660	6.09	3.16	0.52	723	9.27	4.81	0.52	1354	8.87	4.61	0.52	1423	8.53	4.43	0.52	1489	8.20	4.26	0.52	1557	7.74	4.02	0.52	1659	7.10	3.69	0.52	1761	6.57	3.41	0.52	1828	5.45	2.83	0.52	1898
	28	26	5.76	2.30	0.40	576	5.76	2.30	0.40	622	5.76	2.30	0.40	669	6.40	2.55	0.40	700	6.40	2.55	0.40	763	9.73	3.89	0.40	1386	9.31	3.72	0.40	1458	8.95	3.58	0.40	1525	8.61	3.44	0.40	1595	8.12	3.24	0.40	1699	7.46	2.98	0.40	1804	6.90	2.75	0.40	1872	5.72	2.29	0.40	1944
	29	18	4.64	4.18	0.90	417	4.64	4.18	0.90	463	4.64	4.18	0.90	510	5.16	4.64	0.90	541	5.16	4.64	0.90	604	7.85	7.06	0.90	1256	7.51	6.75	0.90	1321	7.22	6.49	0.90	1382	6.94	6.24	0.90	1446	6.55	5.89	0.90	1540	6.01	5.41	0.90	1635	5.56	5.00	0.90	1697	4.62	4.15	0.90	1762
	29	20	4.88	3.90	0.80	457	4.88	3.90	0.80	503	4.88	3.90	0.80	550	5.42	4.33	0.80	581	5.42	4.33	0.80	644	8.25	6.59	0.80	1289	7.89	6.31	0.80	1356	7.59	6.07	0.80	1418	7.30	5.83	0.80	1483	6.88	5.50	0.80	1580	6.32	5.05	0.80	1677	5.85	4.67	0.80	1741	4.85	3.88	0.80	1807
	29	22	5.17	3.51	0.68	496	5.17	3.51	0.68	542	5.17	3.51	0.68	589	5.75	3.90	0.68	620	5.75	3.90	0.68	683	8.74	5.94	0.68	1321	8.37	5.68	0.68	1389	8.04	5.46	0.68	1453	7.74	5.25	0.68	1520	7.30	4.96	0.68	1619	6.70	4.55	0.68	1719	6.20	4.21	0.68	1784	5.14	3.49	0.68	1852
	29	24	5.48	3.07	0.56	536	5.48	3.07	0.56	582	5.48	3.07	0.56	629	6.09	3.41	0.56	660	6.09	3.41	0.56	723	9.27	5.18	0.56	1354	8.87	4.96	0.56	1423	8.53	4.77	0.56	1489	8.20	4.59	0.56	1557	7.74	4.33	0.56	1659	7.10	3.97	0.56	1761	6.57	3.67	0.56	1828	5.45	3.05	0.56	1898
	29	26	5.76	2.53	0.44	576	5.76	2.53	0.44	622	5.76	2.53	0.44	669	6.40	2.81	0.44	700	6.40	2.81	0.44	763	9.73	4.27	0.44	1386	9.31	4.09	0.44	1458	8.95	3.93	0.44	1525	8.61	3.78	0.44	1595	8.12	3.57	0.44	1699	7.46	3.28	0.44	1804	6.90	3.03	0.44	1872	5.72	2.51	0.44	1944
	30	18	4.64	4.18	0.90	417	4.64	4.18	0.90	463	4.64	4.18	0.90	510	5.16	4.64	0.90	541	5.16	4.64	0.90	604	7.85	7.06	0.90	1256	7.51	6.75	0.90	1321	7.22	6.49	0.90	1382	6.94	6.24	0.90	1446	6.55	5.89	0.90	1540	6.01	5.41	0.90	1635	5.56	5.00	0.90	1697	4.62	4.15	0.90	1762
	30	20	4.88	4.10	0.84	457	4.88	4.10	0.84	503	4.88	4.10	0.84	550	5.42	4.55	0.84	581	5.42	4.55	0.84	644	8.25	6.92	0.84	1289	7.89	6.62	0.84	1356	7.59	6.37	0.84	1418	7.30	6.12	0.84	1483	6.88	5.78	0.84	1580	6.32	5.30	0.84	1677	5.85	4.91	0.84	1741	4.85	4.07	0.84	1807
	30	22	5.17	3.72	0.72	496	5.17	3.72	0.72	542	5.17	3.72	0.72	589	5.75	4.13	0.72	620	5.75	4.13	0.72	683	8.74	6.29	0.72	1321	8.37	6.02	0.72	1389	8.04	5.79	0.72	1453	7.74	5.56	0.72	1520	7.30	5.25	0.72	1619	6.70	4.82	0.72	1719	6.20	4.46	0.72	1784	5.14	3.70	0.72	1852
	30	24	5.48	3.29	0.60	536	5.48	3.29	0.60	582	5.48	3.29	0.60	629	6.09	3.65	0.60	660	6.09	3.65	0.60	723	9.27	5.55	0.60	1354	8.87	5.31	0.60	1423	8.53	5.11	0.60	1489	8.20	4.91	0.60	1557	7.74	4.64	0.60	1659	7.10	4.26	0.60	1761	6.57	3.94	0.60	1828	5.45	3.27	0.60	1898
	30	26	5.76	2.76	0.48	576	5.76	2.76	0.48	622	5.76	2.76	0.48	669	6.40	3.07	0.48	700	6.40	3.07	0.48	763	9.73	4.66	0.48	1386	9.31	4.46	0.48	1458	8.95	4.29	0.48	1525	8.61	4.13	0.48	1595	8.12	3.89	0.48	1699	7.46	3.57	0.48	1804	6.90	3.31	0.48	1872	5.72	2.74	0.48	1944
	31	18	4.64	4.18	0.90	417	4.64	4.18	0.90	463	4.64	4.18	0.90	510	5.16	4.64	0.90	541	5.16	4.64	0.90	604	7.85	7.06	0.90	1256	7.51	6.75	0.90	1321	7.22	6.49	0.90	1382	6.94	6.24	0.90	1446	6.55	5.89	0.90	1540	6.01	5.41	0.90	1635	5.56	5.00	0.90	1697	4.62	4.15	0.90	1762
	31	20	4.88	4.29	0.88	457	4.88	4.29	0.88	503	4.88	4.29	0.88	550	5.42	4.77	0.88	581	5.42	4.77	0.88	644	8.25	7.25	0.88	1289	7.89	6.94	0.88	1356	7.59	6.67	0.88	1418	7.30	6.42	0.88	1483	6.88	6.05	0.88	1580	6.32	5.56	0.88	1677	5.85	5.14	0.88	1741	4.85	4.27	0.88	1807
	31	22	5.17	3.93	0.76	496	5.17	3.93	0.76	542	5.17	3.93	0.76	589	5.75	4.36	0.76	620	5.75	4.36	0.76	683	8.74	6.64	0.76	1321	8.37	6.35	0.76	1389	8.04	6.11	0.76	1453	7.74	5.87	0.76	1520	7.30	5.54	0.76	1619	6.70	5.09	0.76	1719	6.20	4.70	0.76	1784	5.14	3.91	0.76	1852
	31	24	5.48	3.51	0.64	536	5.48	3.51	0.64	582	5.48	3.51	0.64	629	6.09	3.89	0.64	660	6.09	3.89	0.64	723	9.27	5.92	0.64	1354	8.87	5.67	0.64	1423	8.53	5.45	0.64	1489	8.20	5.24	0.64	1557	7.74	4.95	0.64	1659	7.10	4.54	0.64	1761	6.57	4.20	0.64	1828	5.45	3.49	0.64	1898
	31	26	5.76	2.99	0.52	576	5.76	2.99	0.52	622	5.76	2.99	0.52	669	6.40	3.32	0.52	700	6.40	3.32	0.52	763	9.73	5.05	0.52	1386	9.31	4.84	0.52	1458	8.95	4.65	0.52	1525	8.61	4.47	0.52	1595	8.12	4.22	0.52	1699	7.46	3.87	0.52	1804	6.90	3.58	0.52	1872	5.72	2.97	0.52	1944
	32	18	4.64	4.18	0.90	417	4.64	4.18	0.90	463	4.64	4.18	0.90	510	5.16	4.64	0.90	541	5.16	4.64	0.90	604	7.85	7.06	0.90	1256	7.51	6.75	0.90	1321	7.22	6.49	0.90	1382	6.94	6.24	0.90	1446	6.55	5.89	0.90	1540	6.01	5.41	0.90	1635	5.56	5.00	0.90	1697	4.62	4.15	0.90	1762
	32	20	4.88	4.39	0.90	457	4.88	4.39	0.90	503	4.88	4.39	0.90	550	5.42	4.88	0.90	581	5.42	4.88	0.90	644	8.25	7.42	0.90	1289	7.89	7.10	0.90	1356	7.59	6.82	0.90	1418	7.30	6.56	0.90	1483	6.88	6.19	0.90	1580	6.32	5.68	0.90	1677	5.85	5.26	0.90	1741	4.85	4.36	0.90	1807
	32	22	5.17	4.14	0.80	496	5.17	4.14	0.80	542	5.17	4.14	0.80	589	5.75	4.59	0.80	620	5.75	4.59	0.80	683	8.74	6.99	0.80	1321	8.37	6.69	0.80	1389	8.04	6.43	0.80	1453	7.74	6.18	0.80	1520	7.30	5.83	0.80	1619	6.70	5.35	0.80	1719	6.20	4.95	0.80	1784	5.14	4.11	0.80	1852
	32	24	5.48	3.73	0.68	536	5.48	3.73	0.68	582	5.48	3.73	0.68	629	6.09	4.14	0.68	660	6.09	4.14	0.68	723	9.27	6.30	0.68	1354	8.87	6.02	0.68	1423	8.53	5.79	0.68	1489	8.20	5.57	0.68	1557	7.74	5.25	0.68	1659	7.10	4.82	0.68	1761	6.57	4.46	0.68	1828	5.45	3.70	0.68	1898
	32	26	5.76	3.22	0.56	576	5.76	3.22	0.56	622	5.76	3.22	0.56	669	6.40	3.58	0.56	700	6.40	3.58	0.56	763	9.73	5.44	0.56	1386	9.31	5.21	0.56	1458	8.95	5.01	0.56	1525	8.61	4.82	0.56	1595	8.12	4.54	0.56	1699	7.46	4.17	0.56	1804	6.90	3.86	0.56	1872	5.72	3.20	0.56	1944

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA																																																		
			OUTDOOR DB (°C)																																																		
			-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
110%	21	18	4.51	2.81	0.62	404	4.51	2.81	0.62	449	4.51	2.81	0.62	495	5.01	3.12	0.62	525	5.01	3.12	0.62	586	7.62	4.75	0.62	1219	7.29	4.55	0.62	1282	7.01	4.37	0.62	1341	6.74	4.20	0.62	1403	6.36	3.96	0.62	1494	5.84	3.64	0.62	1587	5.40	3.37	0.62	1647	4.48	2.79	0.62	1710
	21	20	4.74	2.39	0.50	444	4.74	2.39	0.50	489	4.74	2.39	0.50	535	5.26	2.65	0.50	565	5.26	2.65	0.50	626	8.01	4.03	0.50	1252	7.66	3.86	0.50	1317	7.37	3.71	0.50	1377	7.08	3.57	0.50	1441	6.68	3.36	0.50	1534	6.14	3.09	0.50	1629	5.68	2.86	0.50	1691	4.71	2.37	0.50	1755
	22	18	4.51	2.99	0.66	404	4.51	2.99	0.66	449	4.51	2.99	0.66	495	5.01	3.32	0.66	525	5.01	3.32	0.66	586	7.62	5.05	0.66	1219	7.29	4.84	0.66	1282	7.01	4.65	0.66	1341	6.74	4.47	0.66	1403	6.36	4.22	0.66	1494	5.84	3.87	0.66	1587	5.40	3.58	0.66	1647	4.48	2.97	0.66	1710
	22	20	4.74	2.58	0.54	444	4.74	2.58	0.54	489	4.74	2.58	0.54	535	5.26	2.86	0.54	565	5.26	2.86	0.54	626	8.01	4.35	0.54	1252	7.66	4.16	0.54	1317	7.37	4.00	0.54	1377	7.08	3.85	0.54	1441	6.68	3.63	0.54	1534	6.14	3.33	0.54	1629	5.68	3.08	0.54	1691	4.71	2.56	0.54	1755
	22	22	5.02	2.13	0.42	483	5.02	2.13	0.42	528	5.02	2.13	0.42	574	5.58	2.36	0.42	604	5.58	2.36	0.42	665	8.49	3.59	0.42	1284	8.12	3.44	0.42	1350	7.81	3.31	0.42	1412	7.51	3.18	0.42	1477	7.08	3.00	0.42	1573	6.50	2.75	0.42	1671	6.02	2.55	0.42	1734	4.99	2.11	0.42	1800
	23	18	4.51	3.17	0.70	404	4.51	3.17	0.70	449	4.51	3.17	0.70	495	5.01	3.52	0.70	525	5.01	3.52	0.70	586	7.62	5.36	0.70	1219	7.29	5.13	0.70	1282	7.01	4.93	0.70	1341	6.74	4.74	0.70	1403	6.36	4.47	0.70	1494	5.84	4.11	0.70	1587	5.40	3.80	0.70	1647	4.48	3.15	0.70	1710
	23	20	4.74	2.76	0.58	444	4.74	2.76	0.58	489	4.74	2.76	0.58	535	5.26	3.07	0.58	565	5.26	3.07	0.58	626	8.01	4.67	0.58	1252	7.66	4.47	0.58	1317	7.37	4.30	0.58	1377	7.08	4.13	0.58	1441	6.68	3.90	0.58	1534	6.14	3.58	0.58	1629	5.68	3.31	0.58	1691	4.71	2.75	0.58	1755
	23	22	5.02	2.33	0.46	483	5.02	2.33	0.46	528	5.02	2.33	0.46	574	5.58	2.59	0.46	604	5.58	2.59	0.46	665	8.49	3.93	0.46	1284	8.12	3.76	0.46	1350	7.81	3.62	0.46	1412	7.51	3.48	0.46	1477	7.08	3.28	0.46	1573	6.50	3.01	0.46	1671	6.02	2.79	0.46	1734	4.99	2.31	0.46	1800
	24	18	4.51	3.35	0.74	404	4.51	3.35	0.74	449	4.51	3.35	0.74	495	5.01	3.72	0.74	525	5.01	3.72	0.74	586	7.62	5.66	0.74	1219	7.29	5.42	0.74	1282	7.01	5.21	0.74	1341	6.74	5.01	0.74	1403	6.36	4.73	0.74	1494	5.84	4.34	0.74	1587	5.40	4.01	0.74	1647	4.48	3.33	0.74	1710
	24	20	4.74	2.95	0.62	444	4.74	2.95	0.62	489	4.74	2.95	0.62	535	5.26	3.28	0.62	565	5.26	3.28	0.62	626	8.01	4.99	0.62	1252	7.66	4.78	0.62	1317	7.37	4.59	0.62	1377	7.08	4.42	0.62	1441	6.68	4.17	0.62	1534	6.14	3.82	0.62	1629	5.68	3.54	0.62	1691	4.71	2.94	0.62	1755
	24	22	5.02	2.53	0.50	483	5.02	2.53	0.50	528	5.02	2.53	0.50	574	5.58	2.81	0.50	604	5.58	2.81	0.50	665	8.49	4.27	0.50	1284	8.12	4.09	0.50	1350	7.81	3.93	0.50	1412	7.51	3.78	0.50	1477	7.08	3.57	0.50	1573	6.50	3.27	0.50	1671	6.02	3.03	0.50	1734	4.99	2.51	0.50	1800
	24	24	5.32	2.04	0.38	523	5.32	2.04	0.38	568	5.32	2.04	0.38	614	5.91	2.27	0.38	644	5.91	2.27	0.38	705	9.00	3.45	0.38	1317	8.61	3.30	0.38	1384	8.28	3.17	0.38	1448	7.96	3.05	0.38	1515	7.51	2.88	0.38	1613	6.89	2.64	0.38	1713	6.38	2.44	0.38	1778	5.29	2.03	0.38	1846
	25	18	4.51	3.53	0.78	404	4.51	3.53	0.78	449	4.51	3.53	0.78	495	5.01	3.92	0.78	525	5.01	3.92	0.78	586	7.62	5.97	0.78	1219	7.29	5.71	0.78	1282	7.01	5.49	0.78	1341	6.74	5.28	0.78	1403	6.36	4.98	0.78	1494	5.84	4.57	0.78	1587	5.40	4.23	0.78	1647	4.48	3.51	0.78	1710
	25	20	4.74	3.14	0.66	444	4.74	3.14	0.66	489	4.74	3.14	0.66	535	5.26	3.49	0.66	565	5.26	3.49	0.66	626	8.01	5.31	0.66	1252	7.66	5.08	0.66	1317	7.37	4.89	0.66	1377	7.08	4.70	0.66	1441	6.68	4.43	0.66	1534	6.14	4.07	0.66	1629	5.68	3.77	0.66	1691	4.71	3.13	0.66	1755
	25	22	5.02	2.73	0.54	483	5.02	2.73	0.54	528	5.02	2.73	0.54	574	5.58	3.03	0.54	604	5.58	3.03	0.54	665	8.49	4.61	0.54	1284	8.12	4.41	0.54	1350	7.81	4.24	0.54	1412	7.51	4.08	0.54	1477	7.08	3.85	0.54	1573	6.50	3.53	0.54	1671	6.02	3.27	0.54	1734	4.99	2.71	0.54	1800
	25	24	5.32	2.25	0.42	523	5.32	2.25	0.42	568	5.32	2.25	0.42	614	5.91	2.50	0.42	644	5.91	2.50	0.42	705	9.00	3.81	0.42	1317	8.61	3.65	0.42	1384	8.28	3.51	0.42	1448	7.96	3.37	0.42	1515	7.51	3.18	0.42	1613	6.89	2.92	0.42	1713	6.38	2.70	0.42	1778	5.29	2.24	0.42	1846
	26	18	4.51	3.71	0.82	404	4.51	3.71	0.82	449	4.51	3.71	0.82	495	5.01	4.12	0.82	525	5.01	4.12	0.82	586	7.62	6.27	0.82	1219	7.29	6.00	0.82	1282	7.01	5.77	0.82	1341	6.74	5.55	0.82	1403	6.36	5.24	0.82	1494	5.84	4.81	0.82	1587	5.40	4.45	0.82	1647	4.48	3.69	0.82	1710
	26	20	4.74	3.33	0.70	444	4.74	3.33	0.70	489	4.74	3.33	0.70	535	5.26	3.70	0.70	565	5.26	3.70	0.70	626	8.01	5.63	0.70	1252	7.66	5.39	0.70	1317	7.37	5.18	0.70	1377	7.08	4.98	0.70	1441	6.68	4.70	0.70	1534	6.14	4.32	0.70	1629	5.68	3.99	0.70	1691	4.71	3.31	0.70	1755
	26	22	5.02	2.93	0.58	483	5.02	2.93	0.58	528	5.02	2.93	0.58	574	5.58	3.25	0.58	604	5.58	3.25	0.58	665	8.49	4.95	0.58	1284	8.12	4.74	0.58	1350	7.81	4.56	0.58	1412	7.51	4.38	0.58	1477	7.08	4.13	0.58	1573	6.50	3.79	0.58	1671	6.02	3.51	0.58	1734	4.99	2.91	0.58	1800
	26	24	5.32	2.47	0.46	523	5.32	2.47	0.46	568	5.32	2.47	0.46	614	5.91	2.74	0.46	644	5.91	2.74	0.46	705	9.00	4.17	0.46	1317	8.61	3.99	0.46	1384	8.28	3.84	0.46	1448	7.96	3.69	0.46	1515	7.51	3.48	0.46	1613	6.89	3.19	0.46	1713	6.38	2.96	0.46	1778	5.29	2.45	0.46	1846
	26	26	5.59	1.92	0.34	563	5.59	1.92	0.34	608	5.59	1.92	0.34	654	6.21	2.13	0.34	684	6.21	2.13	0.34	745	9.45	3.24	0.34	1349	9.04	3.10	0.34	1419	8.69	2.99	0.34	1484	8.36	2.87	0.34	1552	7.89	2.71	0.34	1653	7.24	2.49	0.34	1756	6.70	2.30	0.34	1822	5.56	1.91	0.34	1892
	27	18	4.51	3.89	0.86	404	4.51	3.89	0.86	449	4.51	3.89	0.86	495	5.01	4.32	0.86	525	5.01	4.32	0.86	586	7.62	6.58	0.86	1219	7.29	6.29	0.86	1282	7.01	6.05	0.86	1341	6.74	5.82	0.86	1403	6.36	5.49	0.86	1494	5.84	5.04	0.86	1587	5.40	4.66	0.86	1647	4.48	3.87	0.86	1710
	27	19	4.60	3.70	0.80	424	4.60	3.70	0.80	469	4.60	3.70	0.80	515	5.11	4.11	0.80	545	5.11	4.11	0.80	606	7.77	6.25	0.80	1236	7.44	5.98	0.80	1299	7.15	5.75	0.80	1359	6.88	5.53	0.80	1422	6.49	5.21	0.80	1514	5.96	4.79	0.80	1608	5.51	4.43	0.80	1669	4.57	3.67	0.80	1733
	27	20	4.74	3.52	0.74	444	4.74	3.52	0.74	489	4.74	3.52	0.74	535	5.26	3.91	0.74	565	5.26	3.91	0.74	626	8.01	5.95	0.74	1252	7.66	5.70	0.74	1317	7.37	5.48	0.74	1377	7.08	5.27	0.74	1441	6.68	4.97	0.74	1534	6.14	4.56	0.74	1629	5.68	4.22	0.74	1691	4.71	3.50	0.74	1755
	27	22	5.02	3.13	0.62	483	5.02	3.13	0.62	528	5.02	3.13	0.62	574	5.58	3.48	0.62	604	5.58	3.48	0.62	665	8.49	5.29	0.62	1284	8.12	5.06	0.62	1350	7.81	4.87	0.62	1412	7.51	4.68	0.62	1477	7.08	4.42	0.62	1573	6.50	4.05	0.62	1671	6.02	3.75	0.62	1734	4.99	3.11	0.62	1800
	27	24	5.32	2.68	0.50	523	5.32	2.68	0.50	568	5.32	2.68	0.50	614	5.91	2.98	0.50	644	5.91	2.98	0.50	705	9.00	4.53	0.50	1317	8.61	4.33	0.50	1384	8.28	4.17	0.50	1448	7.96	4.01	0.50	1515	7.51	3.78	0.50	1613	6.89	3.47	0.50	1713	6.38	3.21	0.50	1778	5.29	2.66	0.50	1846
	27	26	5.59	2.14	0.38	563	5.59	2.14	0.38	608	5.59	2.14	0.38	654	6.21	2.38	0.38	684	6.21	2.38	0.38	745	9.45	3.62	0.38	1349	9.04	3.47	0.38	1419	8.69	3.33	0.38	1484	8.36	3.20	0.38	1552	7.89	3.02	0.38	1653	7.24	2.78	0.38	1756	6.70	2.57	0.38	1822	5.56	2.13	0.38	1892
	28	18	4.51	4.07	0.90	404	4.51	4.07	0.90	449	4.51	4.07	0.90	495	5.01	4.52	0.90	525	5.01	4.52	0.90	586	7.62	6.88	0.90	1219	7.29	6.59	0.90	1282	7.01	6.33	0.90	1341	6.74	6.09	0.90	1403	6.36	5.74	0.90	1494	5.84	5.27	0.90	1587	5.40	4.88	0.90	1647	4.48	4.05	0.90	1710
	28	20	4.74	3.71	0.78	444	4.74	3.71	0.78	489	4.74	3.71	0.78	535	5.26	4.12	0.78	565	5.26	4.12	0.78	626	8.01	6.27	0.78	1252	7.66	6.00	0.78	1317	7.37	5.77	0.78	1377	7.08	5.55	0.78	1441	6.68	5.24	0.78	1534	6.14	4.81	0.78	1629	5.68	4.45	0.78	1691	4.71	3.69	0.78	1755
	28	22	5.02	3.33	0.66	483	5.02	3.33	0.66	528	5.02	3.33	0.66	574	5.58	3.70	0.66	604	5.58	3.70	0.66	665	8.49	5.63	0.66	1284	8.12	5.39	0.66	1350	7.81	5.18	0.66	1412	7.51	4.98	0.66	1477	7.08	4.70	0.66	1573	6.50	4.31	0.66	1671	6.02	3.99	0.66	1734	4.99	3.31	0.66	1800
	28	24	5.32	2.89	0.54	523	5.32	2.89	0.54	568	5.32	2.89	0.54	614	5.91	3.21	0.54	644	5.91	3.21	0.54	705	9.00	4.89	0.54	1317	8.61	4.68	0.54	1384	8.28	4.50	0.54	1448	7.96	4.33	0.54	1515	7.51	4.08	0.54	1613	6.89	3.75	0.54	1713	6.38	3.47	0.54	1778	5.29	2.88	0.54	1846
	28	26	5.59	2.37	0.42	563	5.59	2.37	0.42	608	5.59	2.37	0.42	654	6.21	2.63	0.42	684	6.21	2.63	0.42	745	9.45	4.00	0.42	1349	9.04	3.83	0.42	1419	8.69	3.68	0.42	1484	8.36	3.54	0.42	1552	7.89	3.34	0.42	1653	7.24	3.06	0.42	1756	6.70	2.83	0.42	1822	5.56	2.35	0.42	1892
	29	18	4.51	4.16	0.92	404	4.51	4.16	0.92	449	4.51	4.16	0.92	495	5.01	4.62	0.92	525	5.01	4.62	0.92	586	7.62	7.04	0.92	1219	7.29	6.73	0.92	1282	7.01	6.47	0.92	1341	6.74	6.22	0.92	1403	6.36	5.87	0.92	1494	5.84	5.39	0.92	1587	5.40	4.99	0.92	1647	4.48	4.14	0.92	1710
	29	20	4.74	3.90	0.82	444	4.74	3.90	0.82	489	4.74	3.90	0.82	535	5.26	4.33	0.82	565	5.26	4.33	0.82	626	8.01	6.59	0.82	1252	7.66	6.31	0.82	1317	7.37	6.07	0.82	1377	7.08	5.83	0.82	1441	6.68	5.50	0.82	1534	6.14	5.05	0.82	1629	5.68	4.67	0.82	1691	4.71	3.88	0.82	1755
	29	22	5.02	3.53	0.70	483	5.02	3.53	0.70	528	5.02	3.53	0.70	574	5.58	3.92	0.70	604	5.58	3.92	0.70	665	8.49	5.97	0.70	1284	8.12	5.71	0.70	1350	7.81	5.49	0.70	1412	7.51	5.28	0.70	1477	7.08	4.98	0.70	1573	6.50	4.57	0.70	1671	6.02	4.23	0.70	1734	4.99	3.51	0.70	1800
	29	24	5.32	3.11	0.58	523	5.32	3.11	0.58	568	5.32	3.11	0.58	614	5.91	3.45	0.58	644	5.91	3.45	0.58	705	9.00	5.25	0.58	1317	8.61	5.02	0.58	1384	8.28	4.83	0.58	1448	7.96	4.64	0.58	1515	7.51	4.38	0.58	1613	6.89	4.02	0.58	1713	6.38	3.72	0.58	1778	5.29	3.09	0.58	1846
	29	26	5.59	2.59	0.46	563	5.59	2.59	0.46	608	5.59	2.59	0.46	654	6.21	2.88	0.46	684	6.21	2.88	0.46	745	9.45	4.38	0.46	1349	9.04	4.19	0.46	1419	8.69	4.03	0.46	1484	8.36	3.87	0.46	1552	7.89	3.65	0.46	1653	7.24	3.35	0.46	1756	6.70	3.10	0.46	1822	5.56	2.58	0.46	1892
	30	18	4.51	4.16	0.92	404	4.51	4.16	0.92	449	4.51	4.16	0.92	495	5.01	4.62	0.92	525	5.01	4.62	0.92	586	7.62	7.04	0.92	1219	7.29	6.73	0.92	1282	7.01	6.47	0.92	1341	6.74	6.22	0.92	1403	6.36	5.87	0.92	1494	5.84	5.39	0.92	1587	5.40	4.99	0.92	1647	4.48	4.14	0.92	1710
	30	20	4.74	4.09	0.86	444	4.74	4.09	0.86	489	4.74	4.09	0.86	535	5.26	4.54	0.86	565	5.26	4.54	0.86	626	8.01	6.91	0.86	1252	7.66	6.62	0.86	1317	7.37	6.36	0.86	1377	7.08	6.12	0.86	1441	6.68	5.77	0.86	1534	6.14	5.30	0.86	1629	5.68	4.90	0.86	1691	4.71	4.07	0.86	1755
	30	22	5.02	3.73	0.74	483	5.02	3.73	0.74	528	5.02	3.73	0.74	574	5.58	4.15	0.74	604	5.58	4.15	0.74	665	8.49	6.31	0.74	1284	8.12	6.04	0.74	1350	7.81	5.81	0.74	1412	7.51	5.58	0.74	1477	7.08	5.27	0.74	1573	6.50	4.83	0.74	1671	6.02	4.47	0.74	1734	4.99	3.71	0.74	1800
	30	24	5.32	3.32	0.62	523	5.32	3.32	0.62	568	5.32	3.32	0.62	614	5.91	3.69	0.62	644	5.91	3.69	0.62	705	9.00	5.61	0.62	1317	8.61	5.37	0.62	1384	8.28	5.16	0.62	1448	7.96	4.96	0.62	1515	7.51	4.68	0.62	1613	6.89	4.30	0.62	1713	6.38	3.98	0.62	1778	5.29	3.30	0.62	1846
	30	26	5.59	2.81	0.50	563	5.59	2.81	0.50	608	5.59	2.81	0.50	654	6.21	3.13	0.50	684	6.21	3.13	0.50	745	9.45	4.76	0.50	1349	9.04	4.55	0.50	1419	8.69	4.38	0.50	1484	8.36	4.21	0.50	1552	7.89	3.97	0.50	1653	7.24	3.64	0.50	1756	6.70	3.37	0.50	1822	5.56	2.80	0.50	1892
	31	18	4.51	4.16	0.92	404	4.51	4.16	0.92	449	4.51	4.16	0.92	495	5.01	4.62	0.92	525	5.01	4.62	0.92	586	7.62	7.04	0.92	1219	7.29	6.73	0.92	1282	7.01	6.47	0.92	1341	6.74	6.22	0.92	1403	6.36	5.87	0.92	1494	5.84	5.39	0.92	1587	5.40	4.99	0.92	1647	4.48	4.14	0.92	1710
	31	20	4.74	4.28	0.90	444	4.74	4.28	0.90	489	4.74	4.28	0.90	535	5.26	4.75	0.90	565	5.26	4.75	0.90	626	8.01	7.23	0.90	1252	7.66	6.92	0.90	1317	7.37	6.66	0.90	1377	7.08	6.40	0.90	1441	6.68	6.04	0.90	1534	6.14	5.54	0.90	1629	5.68	5.13	0.90	1691	4.71	4.26	0.90	1755
	31	22	5.02	3.94	0.78	483	5.02	3.94	0.78	528	5.02	3.94	0.78	574	5.58	4.37	0.78	604	5.58	4.37	0.78	665	8.49	6.65	0.78	1284	8.12	6.36	0.78	1350	7.81	6.12	0.78	1412	7.51	5.88	0.78	1477	7.08	5.55	0.78	1573	6.50	5.10	0.78	1671	6.02	4.71	0.78	1734	4.99	3.91	0.78	1800
	31	24	5.32	3.53	0.66	523	5.32	3.53	0.66	568	5.32	3.53	0.66	614	5.91	3.92	0.66	644	5.91	3.92	0.66	705	9.00	5.97	0.66	1317	8.61	5.71	0.66	1384	8.28	5.49	0.66	1448	7.96	5.28	0.66	1515	7.51	4.98	0.66	1613	6.89	4.57	0.66	1713	6.38	4.23	0.66	1778	5.29	3.51	0.66	1846
	31	26	5.59	3.04	0.54	563	5.59	3.04	0.54	608	5.59	3.04	0.54	654	6.21	3.37	0.54	684	6.21	3.37	0.54	745	9.45	5.13	0.54	1349	9.04	4.91	0.54	1419	8.69	4.72	0.54	1484	8.36	4.54	0.54	1552	7.89	4.28	0.54	1653	7.24	3.93	0.54	1756	6.70	3.64	0.54	1822	5.56	3.02	0.54	1892
	32	18	4.51	4.16	0.92	404	4.51	4.16	0.92	449	4.51	4.16	0.92	495	5.01	4.62	0.92	525	5.01	4.62	0.92	586	7.62	7.04	0.92	1219	7.29	6.73	0.92	1282	7.01	6.47	0.92	1341	6.74	6.22	0.92	1403	6.36	5.87	0.92	1494	5.84	5.39	0.92	1587	5.40	4.99	0.92	1647	4.48	4.14	0.92	1710
	32	20	4.74	4.38	0.92	444	4.74	4.38	0.92	489	4.74	4.38	0.92	535	5.26	4.86	0.92	565	5.26	4.86	0.92	626	8.01	7.39	0.92	1252	7.66	7.08	0.92	1317	7.37	6.80	0.92	1377	7.08	6.54	0.92	1441	6.68	6.17	0.92	1534	6.14	5.67	0.92	1629	5.68	5.24	0.92	1691	4.71	4.35	0.92	1755
	32	22	5.02	4.14	0.82	483	5.02	4.14	0.82	528	5.02	4.14	0.82	574	5.58	4.59	0.82	604	5.58	4.59	0.82	665	8.49	6.99	0.82	1284	8.12	6.69	0.82	1350	7.81	6.43	0.82	1412	7.51	6.18	0.82	1477	7.08	5.83	0.82	1573	6.50	5.36	0.82	1671	6.02	4.95	0.82	1734	4.99	4.11	0.82	1800
	32	24	5.32	3.75	0.70	523	5.32	3.75	0.70	568	5.32	3.75	0.70	614	5.91	4.16	0.70	644	5.91	4.16	0.70	705	9.00	6.33	0.70	1317	8.61	6.06	0.70	1384	8.28	5.82	0.70	1448	7.96	5.60	0.70	1515	7.51	5.28	0.70	1613	6.89	4.85	0.70	1713	6.38	4.49	0.70	1778	5.29	3.72	0.70	1846
	32	26	5.59	3.26	0.58	563	5.59	3.26	0.58	608	5.59	3.26	0.58	654	6.21	3.62	0.58	684	6.21	3.62	0.58	745	9.45	5.51	0.58	1349	9.04	5.27	0.58	1419	8.69	5.07	0.58	1484	8.36	4.88	0.58	1552	7.89	4.60	0.58	1653	7.24	4.22	0.58	1756	6.70	3.91	0.58	1822	5.56	3.24	0.58	1892

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

Cooling Operation PERFORMANCEDATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
100%	21	18	4.38	2.63	0.60	392	4.38	2.63	0.60	436	4.38	2.63	0.60	480	4.86	2.92	0.60	509	4.86	2.92	0.60	568	7.40	4.44	0.60	1183	7.08	4.25	0.60	1244	6.81	4.08	0.60	1302	6.54	3.93	0.60	1362	6.17	3.70	0.60	1450	5.67	3.40	0.60	1540	5.24	3.15	0.60	1598	4.35	2.61	0.60	1659
	21	20	4.60	2.21	0.48	432	4.60	2.21	0.48	476	4.60	2.21	0.48	520	5.11	2.45	0.48	549	5.11	2.45	0.48	608	7.77	3.73	0.48	1216	7.44	3.57	0.48	1279	7.15	3.43	0.48	1338	6.88	3.30	0.48	1399	6.49	3.11	0.48	1490	5.96	2.86	0.48	1582	5.51	2.64	0.48	1643	4.57	2.20	0.48	1705
	22	18	4.38	2.80	0.64	392	4.38	2.80	0.64	436	4.38	2.80	0.64	480	4.86	3.11	0.64	509	4.86	3.11	0.64	568	7.40	4.73	0.64	1183	7.08	4.53	0.64	1244	6.81	4.36	0.64	1302	6.54	4.19	0.64	1362	6.17	3.95	0.64	1450	5.67	3.63	0.64	1540	5.24	3.36	0.64	1598	4.35	2.78	0.64	1659
	22	20	4.60	2.39	0.52	432	4.60	2.39	0.52	476	4.60	2.39	0.52	520	5.11	2.66	0.52	549	5.11	2.66	0.52	608	7.77	4.04	0.52	1216	7.44	3.87	0.52	1279	7.15	3.72	0.52	1338	6.88	3.58	0.52	1399	6.49	3.37	0.52	1490	5.96	3.10	0.52	1582	5.51	2.87	0.52	1643	4.57	2.38	0.52	1705
	22	22	4.88	1.95	0.40	471	4.88	1.95	0.40	515	4.88	1.95	0.40	559	5.42	2.17	0.40	588	5.42	2.17	0.40	647	8.24	3.30	0.40	1248	7.89	3.15	0.40	1312	7.58	3.03	0.40	1373	7.29	2.92	0.40	1436	6.88	2.75	0.40	1529	6.31	2.53	0.40	1624	5.84	2.34	0.40	1686	4.85	1.94	0.40	1750
	23	18	4.38	2.98	0.68	392	4.38	2.98	0.68	436	4.38	2.98	0.68	480	4.86	3.31	0.68	509	4.86	3.31	0.68	568	7.40	5.03	0.68	1183	7.08	4.81	0.68	1244	6.81	4.63	0.68	1302	6.54	4.45	0.68	1362	6.17	4.20	0.68	1450	5.67	3.85	0.68	1540	5.24	3.57	0.68	1598	4.35	2.96	0.68	1659
	23	20	4.60	2.58	0.56	432	4.60	2.58	0.56	476	4.60	2.58	0.56	520	5.11	2.86	0.56	549	5.11	2.86	0.56	608	7.77	4.35	0.56	1216	7.44	4.17	0.56	1279	7.15	4.01	0.56	1338	6.88	3.85	0.56	1399	6.49	3.63	0.56	1490	5.96	3.34	0.56	1582	5.51	3.09	0.56	1643	4.57	2.56	0.56	1705
	23	22	4.88	2.15	0.44	471	4.88	2.15	0.44	515	4.88	2.15	0.44	559	5.42	2.38	0.44	588	5.42	2.38	0.44	647	8.24	3.63	0.44	1248	7.89	3.47	0.44	1312	7.58	3.34	0.44	1373	7.29	3.21	0.44	1436	6.88	3.03	0.44	1529	6.31	2.78	0.44	1624	5.84	2.57	0.44	1686	4.85	2.13	0.44	1750
	24	18	4.38	3.15	0.72	392	4.38	3.15	0.72	436	4.38	3.15	0.72	480	4.86	3.50	0.72	509	4.86	3.50	0.72	568	7.40	5.33	0.72	1183	7.08	5.10	0.72	1244	6.81	4.90	0.72	1302	6.54	4.71	0.72	1362	6.17	4.45	0.72	1450	5.67	4.08	0.72	1540	5.24	3.77	0.72	1598	4.35	3.13	0.72	1659
	24	20	4.60	2.76	0.60	432	4.60	2.76	0.60	476	4.60	2.76	0.60	520	5.11	3.07	0.60	549	5.11	3.07	0.60	608	7.77	4.66	0.60	1216	7.44	4.46	0.60	1279	7.15	4.29	0.60	1338	6.88	4.13	0.60	1399	6.49	3.89	0.60	1490	5.96	3.57	0.60	1582	5.51	3.31	0.60	1643	4.57	2.74	0.60	1705
	24	22	4.88	2.34	0.48	471	4.88	2.34	0.48	515	4.88	2.34	0.48	559	5.42	2.60	0.48	588	5.42	2.60	0.48	647	8.24	3.96	0.48	1248	7.89	3.79	0.48	1312	7.58	3.64	0.48	1373	7.29	3.50	0.48	1436	6.88	3.30	0.48	1529	6.31	3.03	0.48	1624	5.84	2.80	0.48	1686	4.85	2.33	0.48	1750
	24	24	5.17	1.86	0.36	511	5.17	1.86	0.36	555	5.17	1.86	0.36	599	5.74	2.07	0.36	628	5.74	2.07	0.36	687	8.74	3.14	0.36	1281	8.36	3.01	0.36	1346	8.04	2.89	0.36	1408	7.73	2.78	0.36	1473	7.29	2.62	0.36	1569	6.69	2.41	0.36	1666	6.19	2.23	0.36	1730	5.14	1.85	0.36	1795
	25	18	4.38	3.33	0.76	392	4.38	3.33	0.76	436	4.38	3.33	0.76	480	4.86	3.70	0.76	509	4.86	3.70	0.76	568	7.40	5.62	0.76	1183	7.08	5.38	0.76	1244	6.81	5.17	0.76	1302	6.54	4.97	0.76	1362	6.17	4.69	0.76	1450	5.67	4.31	0.76	1540	5.24	3.98	0.76	1598	4.35	3.31	0.76	1659
	25	20	4.60	2.94	0.64	432	4.60	2.94	0.64	476	4.60	2.94	0.64	520	5.11	3.27	0.64	549	5.11	3.27	0.64	608	7.77	4.98	0.64	1216	7.44	4.76	0.64	1279	7.15	4.58	0.64	1338	6.88	4.40	0.64	1399	6.49	4.15	0.64	1490	5.96	3.81	0.64	1582	5.51	3.53	0.64	1643	4.57	2.93	0.64	1705
	25	22	4.88	2.54	0.52	471	4.88	2.54	0.52	515	4.88	2.54	0.52	559	5.42	2.82	0.52	588	5.42	2.82	0.52	647	8.24	4.29	0.52	1248	7.89	4.10	0.52	1312	7.58	3.94	0.52	1373	7.29	3.79	0.52	1436	6.88	3.58	0.52	1529	6.31	3.28	0.52	1624	5.84	3.04	0.52	1686	4.85	2.52	0.52	1750
	25	24	5.17	2.07	0.40	511	5.17	2.07	0.40	555	5.17	2.07	0.40	599	5.74	2.30	0.40	628	5.74	2.30	0.40	687	8.74	3.49	0.40	1281	8.36	3.34	0.40	1346	8.04	3.22	0.40	1408	7.73	3.09	0.40	1473	7.29	2.92	0.40	1569	6.69	2.68	0.40	1666	6.19	2.48	0.40	1730	5.14	2.06	0.40	1795
	26	18	4.38	3.50	0.80	392	4.38	3.50	0.80	436	4.38	3.50	0.80	480	4.86	3.89	0.80	509	4.86	3.89	0.80	568	7.40	5.92	0.80	1183	7.08	5.66	0.80	1244	6.81	5.44	0.80	1302	6.54	5.24	0.80	1362	6.17	4.94	0.80	1450	5.67	4.53	0.80	1540	5.24	4.19	0.80	1598	4.35	3.48	0.80	1659
	26	20	4.60	3.13	0.68	432	4.60	3.13	0.68	476	4.60	3.13	0.68	520	5.11	3.47	0.68	549	5.11	3.47	0.68	608	7.77	5.29	0.68	1216	7.44	5.06	0.68	1279	7.15	4.86	0.68	1338	6.88	4.68	0.68	1399	6.49	4.41	0.68	1490	5.96	4.05	0.68	1582	5.51	3.75	0.68	1643	4.57	3.11	0.68	1705
	26	22	4.88	2.73	0.56	471	4.88	2.73	0.56	515	4.88	2.73	0.56	559	5.42	3.03	0.56	588	5.42	3.03	0.56	647	8.24	4.61	0.56	1248	7.89	4.42	0.56	1312	7.58	4.25	0.56	1373	7.29	4.08	0.56	1436	6.88	3.85	0.56	1529	6.31	3.54	0.56	1624	5.84	3.27	0.56	1686	4.85	2.71	0.56	1750
	26	24	5.17	2.27	0.44	511	5.17	2.27	0.44	555	5.17	2.27	0.44	599	5.74	2.53	0.44	628	5.74	2.53	0.44	687	8.74	3.84	0.44	1281	8.36	3.68	0.44	1346	8.04	3.54	0.44	1408	7.73	3.40	0.44	1473	7.29	3.21	0.44	1569	6.69	2.94	0.44	1666	6.19	2.72	0.44	1730	5.14	2.26	0.44	1795
	26	26	5.43	1.74	0.32	551	5.43	1.74	0.32	595	5.43	1.74	0.32	639	6.03	1.93	0.32	668	6.03	1.93	0.32	727	9.17	2.94	0.32	1313	8.78	2.81	0.32	1381	8.44	2.70	0.32	1444	8.11	2.60	0.32	1511	7.66	2.45	0.32	1609	7.03	2.25	0.32	1709	6.50	2.08	0.32	1774	5.40	1.73	0.32	1841
	27	18	4.38	3.68	0.84	392	4.38	3.68	0.84	436	4.38	3.68	0.84	480	4.86	4.08	0.84	509	4.86	4.08	0.84	568	7.40	6.21	0.84	1183	7.08	5.95	0.84	1244	6.81	5.72	0.84	1302	6.54	5.50	0.84	1362	6.17	5.19	0.84	1450	5.67	4.76	0.84	1540	5.24	4.40	0.84	1598	4.35	3.66	0.84	1659
	27	19	4.47	3.48	0.78	412	4.47	3.48	0.78	456	4.47	3.48	0.78	500	4.96	3.87	0.78	529	4.96	3.87	0.78	588	7.55	5.89	0.78	1200	7.22	5.63	0.78	1262	6.95	5.42	0.78	1320	6.68	5.21	0.78	1380	6.30	4.91	0.78	1470	5.78	4.51	0.78	1561	5.35	4.17	0.78	1620	4.44	3.46	0.78	1682
	27	20	4.60	3.31	0.72	432	4.60	3.31	0.72	476	4.60	3.31	0.72	520	5.11	3.68	0.72	549	5.11	3.68	0.72	608	7.77	5.60	0.72	1216	7.44	5.36	0.72	1279	7.15	5.15	0.72	1338	6.88	4.95	0.72	1399	6.49	4.67	0.72	1490	5.96	4.29	0.72	1582	5.51	3.97	0.72	1643	4.57	3.29	0.72	1705
	27	22	4.88	2.93	0.60	471	4.88	2.93	0.60	515	4.88	2.93	0.60	559	5.42	3.25	0.60	588	5.42	3.25	0.60	647	8.24	4.94	0.60	1248	7.89	4.73	0.60	1312	7.58	4.55	0.60	1373	7.29	4.37	0.60	1436	6.88	4.13	0.60	1529	6.31	3.79	0.60	1624	5.84	3.50	0.60	1686	4.85	2.91	0.60	1750
	27	24	5.17	2.48	0.48	511	5.17	2.48	0.48	555	5.17	2.48	0.48	599	5.74	2.76	0.48	628	5.74	2.76	0.48	687	8.74	4.19	0.48	1281	8.36	4.01	0.48	1346	8.04	3.86	0.48	1408	7.73	3.71	0.48	1473	7.29	3.50	0.48	1569	6.69	3.21	0.48	1666	6.19	2.97	0.48	1730	5.14	2.47	0.48	1795
	27	26	5.43	1.95	0.36	551	5.43	1.95	0.36	595	5.43	1.95	0.36	639	6.03	2.17	0.36	668	6.03	2.17	0.36	727	9.17	3.30	0.36	1313	8.78	3.16	0.36	1381	8.44	3.04	0.36	1444	8.11	2.92	0.36	1511	7.66	2.76	0.36	1609	7.03	2.53	0.36	1709	6.50	2.34	0.36	1774	5.40	1.94	0.36	1841
	28	18	4.38	3.85	0.88	392	4.38	3.85	0.88	436	4.38	3.85	0.88	480	4.86	4.28	0.88	509	4.86	4.28	0.88	568	7.40	6.51	0.88	1183	7.08	6.23	0.88	1244	6.81	5.99	0.88	1302	6.54	5.76	0.88	1362	6.17	5.43	0.88	1450	5.67	4.99	0.88	1540	5.24	4.61	0.88	1598	4.35	3.83	0.88	1659
	28	20	4.60	3.50	0.76	432	4.60	3.50	0.76	476	4.60	3.50	0.76	520	5.11	3.88	0.76	549	5.11	3.88	0.76	608	7.77	5.91	0.76	1216	7.44	5.65	0.76	1279	7.15	5.44	0.76	1338	6.88	5.23	0.76	1399	6.49	4.93	0.76	1490	5.96	4.53	0.76	1582	5.51	4.19	0.76	1643	4.57	3.48	0.76	1705
	28	22	4.88	3.12	0.64	471	4.88	3.12	0.64	515	4.88	3.12	0.64	559	5.42	3.47	0.64	588	5.42	3.47	0.64	647	8.24	5.27	0.64	1248	7.89	5.05	0.64	1312	7.58	4.85	0.64	1373	7.29	4.67	0.64	1436	6.88	4.40	0.64	1529	6.31	4.04	0.64	1624	5.84	3.74	0.64	1686	4.85	3.10	0.64	1750
	28	24	5.17	2.69	0.52	511	5.17	2.69	0.52	555	5.17	2.69	0.52	599	5.74	2.99	0.52	628	5.74	2.99	0.52	687	8.74	4.54	0.52	1281	8.36	4.35	0.52	1346	8.04	4.18	0.52	1408	7.73	4.02	0.52	1473	7.29	3.79	0.52	1569	6.69	3.48	0.52	1666	6.19	3.22	0.52	1730	5.14	2.67	0.52	1795
	28	26	5.43	2.17	0.40	551	5.43	2.17	0.40	595	5.43	2.17	0.40	639	6.03	2.41	0.40	668	6.03	2.41	0.40	727	9.17	3.67	0.40	1313	8.78	3.51	0.40	1381	8.44	3.38	0.40	1444	8.11	3.25	0.40	1511	7.66	3.06	0.40	1609	7.03	2.81	0.40	1709	6.50	2.60	0.40	1774	5.40	2.16	0.40	1841
	29	18	4.38	3.94	0.90	392	4.38	3.94	0.90	436	4.38	3.94	0.90	480	4.86	4.38	0.90	509	4.86	4.38	0.90	568	7.40	6.66	0.90	1183	7.08	6.37	0.90	1244	6.81	6.13	0.90	1302	6.54	5.89	0.90	1362	6.17	5.56	0.90	1450	5.67	5.10	0.90	1540	5.24	4.72	0.90	1598	4.35	3.92	0.90	1659
	29	20	4.60	3.68	0.80	432	4.60	3.68	0.80	476	4.60	3.68	0.80	520	5.11	4.09	0.80	549	5.11	4.09	0.80	608	7.77	6.22	0.80	1216	7.44	5.95	0.80	1279	7.15	5.72	0.80	1338	6.88	5.50	0.80	1399	6.49	5.19	0.80	1490	5.96	4.77	0.80	1582	5.51	4.41	0.80	1643	4.57	3.66	0.80	1705
	29	22	4.88	3.32	0.68	471	4.88	3.32	0.68	515	4.88	3.32	0.68	559	5.42	3.68	0.68	588	5.42	3.68	0.68	647	8.24	5.60	0.68	1248	7.89	5.36	0.68	1312	7.58	5.16	0.68	1373	7.29	4.96	0.68	1436	6.88	4.68	0.68	1529	6.31	4.29	0.68	1624	5.84	3.97	0.68	1686	4.85	3.30	0.68	1750
	29	24	5.17	2.89	0.56	511	5.17	2.89	0.56	555	5.17	2.89	0.56	599	5.74	3.22	0.56	628	5.74	3.22	0.56	687	8.74	4.89	0.56	1281	8.36	4.68	0.56	1346	8.04	4.50	0.56	1408	7.73	4.33	0.56	1473	7.29	4.08	0.56	1569	6.69	3.75	0.56	1666	6.19	3.47	0.56	1730	5.14	2.88	0.56	1795
	29	26	5.43	2.39	0.44	551	5.43	2.39	0.44	595	5.43	2.39	0.44	639	6.03	2.65	0.44	668	6.03	2.65	0.44	727	9.17	4.04	0.44	1313	8.78	3.86	0.44	1381	8.44	3.71	0.44	1444	8.11	3.57	0.44	1511	7.66	3.37	0.44	1609	7.03	3.09	0.44	1709	6.50	2.86	0.44	1774	5.40	2.37	0.44	1841
	30	18	4.38	3.94	0.90	392	4.38	3.94	0.90	436	4.38	3.94	0.90	480	4.86	4.38	0.90	509	4.86	4.38	0.90	568	7.40	6.66	0.90	1183	7.08	6.37	0.90	1244	6.81	6.13	0.90	1302	6.54	5.89	0.90	1362	6.17	5.56	0.90	1450	5.67	5.10	0.90	1540	5.24	4.72	0.90	1598	4.35	3.92	0.90	1659
	30	20	4.60	3.86	0.84	432	4.60	3.86	0.84	476	4.60	3.86	0.84	520	5.11	4.29	0.84	549	5.11	4.29	0.84	608	7.77	6.53	0.84	1216	7.44	6.25	0.84	1279	7.15	6.01	0.84	1338	6.88	5.78	0.84	1399	6.49	5.45	0.84	1490	5.96	5.00	0.84	1582	5.51	4.63	0.84	1643	4.57	3.84	0.84	1705
	30	22	4.88	3.51	0.72	471	4.88	3.51	0.72	515	4.88	3.51	0.72	559	5.42	3.90	0.72	588	5.42	3.90	0.72	647	8.24	5.93	0.72	1248	7.89	5.68	0.72	1312	7.58	5.46	0.72	1373	7.29	5.25	0.72	1436	6.88	4.95	0.72	1529	6.31	4.55	0.72	1624	5.84	4.21	0.72	1686	4.85	3.49	0.72	1750
	30	24	5.17	3.10	0.60	511	5.17	3.10	0.60	555	5.17	3.10	0.60	599	5.74	3.45	0.60	628	5.74	3.45	0.60	687	8.74	5.24	0.60	1281	8.36	5.02	0.60	1346	8.04	4.82	0.60	1408	7.73	4.64	0.60	1473	7.29	4.37	0.60	1569	6.69	4.02	0.60	1666	6.19	3.71	0.60	1730	5.14	3.08	0.60	1795
	30	26	5.43	2.61	0.48	551	5.43	2.61	0.48	595	5.43	2.61	0.48	639	6.03	2.89	0.48	668	6.03	2.89	0.48	727	9.17	4.40	0.48	1313	8.78	4.21	0.48	1381	8.44	4.05	0.48	1444	8.11	3.90	0.48	1511	7.66	3.67	0.48	1609	7.03	3.37	0.48	1709	6.50	3.12	0.48	1774	5.40	2.59	0.48	1841
	31	18	4.38	3.94	0.90	392	4.38	3.94	0.90	436	4.38	3.94	0.90	480	4.86	4.38	0.90	509	4.86	4.38	0.90	568	7.40	6.66	0.90	1183	7.08	6.37	0.90	1244	6.81	6.13	0.90	1302	6.54	5.89	0.90	1362	6.17	5.56	0.90	1450	5.67	5.10	0.90	1540	5.24	4.72	0.90	1598	4.35	3.92	0.90	1659
	31	20	4.60	4.05	0.88	432	4.60	4.05	0.88	476	4.60	4.05	0.88	520	5.11	4.50	0.88	549	5.11	4.50	0.88	608	7.77	6.84	0.88	1216	7.44	6.55	0.88	1279	7.15	6.30	0.88	1338	6.88	6.05	0.88	1399	6.49	5.71	0.88	1490	5.96	5.24	0.88	1582	5.51	4.85	0.88	1643	4.57	4.02	0.88	1705
	31	22	4.88	3.71	0.76	471	4.88	3.71	0.76	515	4.88	3.71	0.76	559	5.42	4.12	0.76	588	5.42	4.12	0.76	647	8.24	6.26	0.76	1248	7.89	5.99	0.76	1312	7.58	5.76	0.76	1373	7.29	5.54	0.76	1436	6.88	5.23	0.76	1529	6.31	4.80	0.76	1624	5.84	4.44	0.76	1686	4.85	3.68	0.76	1750
	31	24	5.17	3.31	0.64	511	5.17	3.31	0.64	555	5.17	3.31	0.64	599	5.74	3.67	0.64	628	5.74	3.67	0.64	687	8.74	5.59	0.64	1281	8.36	5.35	0.64	1346	8.04	5.14	0.64	1408	7.73	4.95	0.64	1473	7.29	4.67	0.64	1569	6.69	4.28	0.64	1666	6.19	3.96	0.64	1730	5.14	3.29	0.64	1795
	31	26	5.43	2.82	0.52	551	5.43	2.82	0.52	595	5.43	2.82	0.52	639	6.03	3.13	0.52	668	6.03	3.13	0.52	727	9.17	4.77	0.52	1313	8.78	4.56	0.52	1381	8.44	4.39	0.52	1444	8.11	4.22	0.52	1511	7.66	3.98	0.52	1609	7.03	3.65	0.52	1709	6.50	3.38	0.52	1774	5.40	2.81	0.52	1841
	32	18	4.38	3.94	0.90	392	4.38	3.94	0.90	436	4.38	3.94	0.90	480	4.86	4.38	0.90	509	4.86	4.38	0.90	568	7.40	6.66	0.90	1183	7.08	6.37	0.90	1244	6.81	6.13	0.90	1302	6.54	5.89	0.90	1362	6.17	5.56	0.90	1450	5.67	5.10	0.90	1540	5.24	4.72	0.90	1598	4.35	3.92	0.90	1659
	32	20	4.60	4.14	0.90	432	4.60	4.14	0.90	476	4.60	4.14	0.90	520	5.11	4.60	0.90	549	5.11	4.60	0.90	608	7.77	7.00	0.90	1216	7.44	6.70	0.90	1279	7.15	6.44	0.90	1338	6.88	6.19	0.90	1399	6.49	5.84	0.90	1490	5.96	5.36	0.90	1582	5.51	4.96	0.90	1643	4.57	4.12	0.90	1705
	32	22	4.88	3.90	0.80	471	4.88	3.90	0.80	515	4.88	3.90	0.80	559	5.42	4.33	0.80	588	5.42	4.33	0.80	647	8.24	6.59	0.80	1248	7.89	6.31	0.80	1312	7.58	6.07	0.80	1373	7.29	5.83	0.80	1436	6.88	5.50	0.80	1529	6.31	5.05	0.80	1624	5.84	4.67	0.80	1686	4.85	3.88	0.80	1750
	32	24	5.17	3.52	0.68	511	5.17	3.52	0.68	555	5.17	3.52	0.68	599	5.74	3.90	0.68	628	5.74	3.90	0.68	687	8.74	5.94	0.68	1281	8.36	5.68	0.68	1346	8.04	5.47	0.68	1408	7.73	5.26	0.68	1473	7.29	4.96	0.68	1569	6.69	4.55	0.68	1666	6.19	4.21	0.68	1730	5.14	3.49	0.68	1795
	32	26	5.43	3.04	0.56	551	5.43	3.04	0.56	595	5.43	3.04	0.56	639	6.03	3.38	0.56	668	6.03	3.38	0.56	727	9.17	5.14	0.56	1313	8.78	4.92	0.56	1381	8.44	4.73	0.56	1444	8.11	4.54	0.56	1511	7.66	4.29	0.56	1609	7.03	3.94	0.56	1709	6.50	3.64	0.56	1774	5.40	3.02	0.56	1841

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA / OUTDOOR DB (°C): -15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
90%	21	18	4.11	2.31	0.56	367	4.11	2.31	0.56	408	4.11	2.31	0.56	450	4.57	2.56	0.56	477	4.57	2.56	0.56	533	6.95	3.90	0.56	1111	6.65	3.73	0.56	1169	6.40	3.59	0.56	1222	6.15	3.45	0.56	1279	5.80	3.26	0.56	1362	5.33	2.99	0.56	1446	4.93	2.76	0.56	1501	4.09	2.29	0.56	1558
	21	20	4.32	1.91	0.44	407	4.32	1.91	0.44	448	4.32	1.91	0.44	490	4.80	2.12	0.44	517	4.80	2.12	0.44	573	7.31	3.22	0.44	1144	6.99	3.08	0.44	1203	6.72	2.97	0.44	1258	6.47	2.85	0.44	1316	6.10	2.69	0.44	1402	5.60	2.47	0.44	1489	5.18	2.28	0.44	1545	4.30	1.90	0.44	1604
	22	18	4.11	2.47	0.60	367	4.11	2.47	0.60	408	4.11	2.47	0.60	450	4.57	2.75	0.60	477	4.57	2.75	0.60	533	6.95	4.18	0.60	1111	6.65	4.00	0.60	1169	6.40	3.85	0.60	1222	6.15	3.70	0.60	1279	5.80	3.49	0.60	1362	5.33	3.20	0.60	1446	4.93	2.96	0.60	1501	4.09	2.46	0.60	1558
	22	20	4.32	2.08	0.48	407	4.32	2.08	0.48	448	4.32	2.08	0.48	490	4.80	2.31	0.48	517	4.80	2.31	0.48	573	7.31	3.52	0.48	1144	6.99	3.36	0.48	1203	6.72	3.23	0.48	1258	6.47	3.11	0.48	1316	6.10	2.93	0.48	1402	5.60	2.69	0.48	1489	5.18	2.49	0.48	1545	4.30	2.07	0.48	1604
	22	22	4.58	1.65	0.36	446	4.58	1.65	0.36	487	4.58	1.65	0.36	529	5.09	1.84	0.36	556	5.09	1.84	0.36	612	7.75	2.80	0.36	1176	7.41	2.68	0.36	1236	7.13	2.57	0.36	1293	6.85	2.47	0.36	1353	6.47	2.33	0.36	1441	5.94	2.14	0.36	1530	5.49	1.98	0.36	1588	4.56	1.65	0.36	1649
	23	18	4.11	2.64	0.64	367	4.11	2.64	0.64	408	4.11	2.64	0.64	450	4.57	2.93	0.64	477	4.57	2.93	0.64	533	6.95	4.46	0.64	1111	6.65	4.27	0.64	1169	6.40	4.10	0.64	1222	6.15	3.94	0.64	1279	5.80	3.72	0.64	1362	5.33	3.42	0.64	1446	4.93	3.16	0.64	1501	4.09	2.62	0.64	1558
	23	20	4.32	2.25	0.52	407	4.32	2.25	0.52	448	4.32	2.25	0.52	490	4.80	2.50	0.52	517	4.80	2.50	0.52	573	7.31	3.81	0.52	1144	6.99	3.64	0.52	1203	6.72	3.50	0.52	1258	6.47	3.37	0.52	1316	6.10	3.18	0.52	1402	5.60	2.92	0.52	1489	5.18	2.70	0.52	1545	4.30	2.24	0.52	1604
	23	22	4.58	1.84	0.40	446	4.58	1.84	0.40	487	4.58	1.84	0.40	529	5.09	2.04	0.40	556	5.09	2.04	0.40	612	7.75	3.11	0.40	1176	7.41	2.97	0.40	1236	7.13	2.86	0.40	1293	6.85	2.75	0.40	1353	6.47	2.59	0.40	1441	5.94	2.38	0.40	1530	5.49	2.20	0.40	1588	4.56	1.83	0.40	1649
	24	18	4.11	2.80	0.68	367	4.11	2.80	0.68	408	4.11	2.80	0.68	450	4.57	3.11	0.68	477	4.57	3.11	0.68	533	6.95	4.74	0.68	1111	6.65	4.53	0.68	1169	6.40	4.36	0.68	1222	6.15	4.19	0.68	1279	5.80	3.95	0.68	1362	5.33	3.63	0.68	1446	4.93	3.36	0.68	1501	4.09	2.79	0.68	1558
	24	20	4.32	2.43	0.56	407	4.32	2.43	0.56	448	4.32	2.43	0.56	490	4.80	2.69	0.56	517	4.80	2.69	0.56	573	7.31	4.10	0.56	1144	6.99	3.92	0.56	1203	6.72	3.77	0.56	1258	6.47	3.63	0.56	1316	6.10	3.42	0.56	1402	5.60	3.14	0.56	1489	5.18	2.91	0.56	1545	4.30	2.41	0.56	1604
	24	22	4.58	2.02	0.44	446	4.58	2.02	0.44	487	4.58	2.02	0.44	529	5.09	2.25	0.44	556	5.09	2.25	0.44	612	7.75	3.42	0.44	1176	7.41	3.27	0.44	1236	7.13	3.14	0.44	1293	6.85	3.02	0.44	1353	6.47	2.85	0.44	1441	5.94	2.62	0.44	1530	5.49	2.42	0.44	1588	4.56	2.01	0.44	1649
	24	24	4.86	1.56	0.32	486	4.86	1.56	0.32	527	4.86	1.56	0.32	569	5.40	1.73	0.32	596	5.40	1.73	0.32	652	8.21	2.64	0.32	1209	7.86	2.52	0.32	1271	7.56	2.43	0.32	1329	7.26	2.33	0.32	1390	6.85	2.20	0.32	1481	6.29	2.02	0.32	1573	5.82	1.87	0.32	1632	4.83	1.55	0.32	1694
	25	18	4.11	2.97	0.72	367	4.11	2.97	0.72	408	4.11	2.97	0.72	450	4.57	3.30	0.72	477	4.57	3.30	0.72	533	6.95	5.01	0.72	1111	6.65	4.80	0.72	1169	6.40	4.61	0.72	1222	6.15	4.44	0.72	1279	5.80	4.18	0.72	1362	5.33	3.84	0.72	1446	4.93	3.55	0.72	1501	4.09	2.95	0.72	1558
	25	20	4.32	2.60	0.60	407	4.32	2.60	0.60	448	4.32	2.60	0.60	490	4.80	2.89	0.60	517	4.80	2.89	0.60	573	7.31	4.39	0.60	1144	6.99	4.20	0.60	1203	6.72	4.04	0.60	1258	6.47	3.89	0.60	1316	6.10	3.67	0.60	1402	5.60	3.37	0.60	1489	5.18	3.11	0.60	1545	4.30	2.58	0.60	1604
	25	22	4.58	2.20	0.48	446	4.58	2.20	0.48	487	4.58	2.20	0.48	529	5.09	2.45	0.48	556	5.09	2.45	0.48	612	7.75	3.73	0.48	1176	7.41	3.57	0.48	1236	7.13	3.43	0.48	1293	6.85	3.30	0.48	1353	6.47	3.11	0.48	1441	5.94	2.85	0.48	1530	5.49	2.64	0.48	1588	4.56	2.19	0.48	1649
	25	24	4.86	1.75	0.36	486	4.86	1.75	0.36	527	4.86	1.75	0.36	569	5.40	1.95	0.36	596	5.40	1.95	0.36	652	8.21	2.96	0.36	1209	7.86	2.84	0.36	1271	7.56	2.73	0.36	1329	7.26	2.62	0.36	1390	6.85	2.47	0.36	1481	6.29	2.27	0.36	1573	5.82	2.10	0.36	1632	4.83	1.74	0.36	1694
	26	18	4.11	3.13	0.76	367	4.11	3.13	0.76	408	4.11	3.13	0.76	450	4.57	3.48	0.76	477	4.57	3.48	0.76	533	6.95	5.29	0.76	1111	6.65	5.06	0.76	1169	6.40	4.87	0.76	1222	6.15	4.68	0.76	1279	5.80	4.42	0.76	1362	5.33	4.05	0.76	1446	4.93	3.75	0.76	1501	4.09	3.11	0.76	1558
	26	20	4.32	2.77	0.64	407	4.32	2.77	0.64	448	4.32	2.77	0.64	490	4.80	3.08	0.64	517	4.80	3.08	0.64	573	7.31	4.68	0.64	1144	6.99	4.48	0.64	1203	6.72	4.31	0.64	1258	6.47	4.14	0.64	1316	6.10	3.91	0.64	1402	5.60	3.59	0.64	1489	5.18	3.32	0.64	1545	4.30	2.76	0.64	1604
	26	22	4.58	2.39	0.52	446	4.58	2.39	0.52	487	4.58	2.39	0.52	529	5.09	2.65	0.52	556	5.09	2.65	0.52	612	7.75	4.04	0.52	1176	7.41	3.86	0.52	1236	7.13	3.71	0.52	1293	6.85	3.57	0.52	1353	6.47	3.37	0.52	1441	5.94	3.09	0.52	1530	5.49	2.86	0.52	1588	4.56	2.37	0.52	1649
	26	24	4.86	1.95	0.40	486	4.86	1.95	0.40	527	4.86	1.95	0.40	569	5.40	2.16	0.40	596	5.40	2.16	0.40	652	8.21	3.29	0.40	1209	7.86	3.15	0.40	1271	7.56	3.03	0.40	1329	7.26	2.91	0.40	1390	6.85	2.75	0.40	1481	6.29	2.52	0.40	1573	5.82	2.33	0.40	1632	4.83	1.94	0.40	1694
	26	26	5.10	1.43	0.28	526	5.10	1.43	0.28	567	5.10	1.43	0.28	609	5.67	1.59	0.28	636	5.67	1.59	0.28	692	8.62	2.42	0.28	1241	8.25	2.32	0.28	1305	7.93	2.23	0.28	1365	7.63	2.14	0.28	1428	7.20	2.02	0.28	1521	6.61	1.86	0.28	1615	6.11	1.72	0.28	1676	5.07	1.43	0.28	1740
	27	18	4.11	3.30	0.80	367	4.11	3.30	0.80	408	4.11	3.30	0.80	450	4.57	3.66	0.80	477	4.57	3.66	0.80	533	6.95	5.57	0.80	1111	6.65	5.33	0.80	1169	6.40	5.12	0.80	1222	6.15	4.93	0.80	1279	5.80	4.65	0.80	1362	5.33	4.27	0.80	1446	4.93	3.95	0.80	1501	4.09	3.28	0.80	1558
	27	19	4.20	3.11	0.74	387	4.20	3.11	0.74	428	4.20	3.11	0.74	470	4.66	3.46	0.74	497	4.66	3.46	0.74	553	7.10	5.26	0.74	1128	6.79	5.03	0.74	1186	6.53	4.84	0.74	1240	6.28	4.65	0.74	1298	5.92	4.39	0.74	1382	5.44	4.03	0.74	1467	5.03	3.73	0.74	1523	4.17	3.09	0.74	1581
	27	20	4.32	2.95	0.68	407	4.32	2.95	0.68	448	4.32	2.95	0.68	490	4.80	3.27	0.68	517	4.80	3.27	0.68	573	7.31	4.98	0.68	1144	6.99	4.76	0.68	1203	6.72	4.58	0.68	1258	6.47	4.40	0.68	1316	6.10	4.15	0.68	1402	5.60	3.81	0.68	1489	5.18	3.53	0.68	1545	4.30	2.93	0.68	1604
	27	22	4.58	2.57	0.56	446	4.58	2.57	0.56	487	4.58	2.57	0.56	529	5.09	2.86	0.56	556	5.09	2.86	0.56	612	7.75	4.35	0.56	1176	7.41	4.16	0.56	1236	7.13	4.00	0.56	1293	6.85	3.84	0.56	1353	6.47	3.63	0.56	1441	5.94	3.33	0.56	1530	5.49	3.08	0.56	1588	4.56	2.56	0.56	1649
	27	24	4.86	2.14	0.44	486	4.86	2.14	0.44	527	4.86	2.14	0.44	569	5.40	2.38	0.44	596	5.40	2.38	0.44	652	8.21	3.62	0.44	1209	7.86	3.47	0.44	1271	7.56	3.33	0.44	1329	7.26	3.20	0.44	1390	6.85	3.02	0.44	1481	6.29	2.77	0.44	1573	5.82	2.57	0.44	1632	4.83	2.13	0.44	1694
	27	26	5.10	1.64	0.32	526	5.10	1.64	0.32	567	5.10	1.64	0.32	609	5.67	1.82	0.32	636	5.67	1.82	0.32	692	8.62	2.77	0.32	1241	8.25	2.65	0.32	1305	7.93	2.55	0.32	1365	7.63	2.45	0.32	1428	7.20	2.31	0.32	1521	6.61	2.12	0.32	1615	6.11	1.96	0.32	1676	5.07	1.63	0.32	1740
	28	18	4.11	3.46	0.84	367	4.11	3.46	0.84	408	4.11	3.46	0.84	450	4.57	3.84	0.84	477	4.57	3.84	0.84	533	6.95	5.85	0.84	1111	6.65	5.60	0.84	1169	6.40	5.38	0.84	1222	6.15	5.17	0.84	1279	5.80	4.88	0.84	1362	5.33	4.48	0.84	1446	4.93	4.14	0.84	1501	4.09	3.44	0.84	1558
	28	20	4.32	3.12	0.72	407	4.32	3.12	0.72	448	4.32	3.12	0.72	490	4.80	3.46	0.72	517	4.80	3.46	0.72	573	7.31	5.27	0.72	1144	6.99	5.04	0.72	1203	6.72	4.85	0.72	1258	6.47	4.66	0.72	1316	6.10	4.40	0.72	1402	5.60	4.04	0.72	1489	5.18	3.73	0.72	1545	4.30	3.10	0.72	1604
	28	22	4.58	2.76	0.60	446	4.58	2.76	0.60	487	4.58	2.76	0.60	529	5.09	3.06	0.60	556	5.09	3.06	0.60	612	7.75	4.66	0.60	1176	7.41	4.46	0.60	1236	7.13	4.28	0.60	1293	6.85	4.12	0.60	1353	6.47	3.89	0.60	1441	5.94	3.57	0.60	1530	5.49	3.30	0.60	1588	4.56	2.74	0.60	1649
	28	24	4.86	2.34	0.48	486	4.86	2.34	0.48	527	4.86	2.34	0.48	569	5.40	2.60	0.48	596	5.40	2.60	0.48	652	8.21	3.95	0.48	1209	7.86	3.78	0.48	1271	7.56	3.63	0.48	1329	7.26	3.49	0.48	1390	6.85	3.30	0.48	1481	6.29	3.03	0.48	1573	5.82	2.80	0.48	1632	4.83	2.32	0.48	1694
	28	26	5.10	1.84	0.36	526	5.10	1.84	0.36	567	5.10	1.84	0.36	609	5.67	2.05	0.36	636	5.67	2.05	0.36	692	8.62	3.11	0.36	1241	8.25	2.98	0.36	1305	7.93	2.86	0.36	1365	7.63	2.75	0.36	1428	7.20	2.60	0.36	1521	6.61	2.38	0.36	1615	6.11	2.21	0.36	1676	5.07	1.83	0.36	1740
	29	18	4.11	3.54	0.86	367	4.11	3.54	0.86	408	4.11	3.54	0.86	450	4.57	3.94	0.86	477	4.57	3.94	0.86	533	6.95	5.99	0.86	1111	6.65	5.73	0.86	1169	6.40	5.51	0.86	1222	6.15	5.30	0.86	1279	5.80	5.00	0.86	1362	5.33	4.59	0.86	1446	4.93	4.24	0.86	1501	4.09	3.52	0.86	1558
	29	20	4.32	3.29	0.76	407	4.32	3.29	0.76	448	4.32	3.29	0.76	490	4.80	3.66	0.76	517	4.80	3.66	0.76	573	7.31	5.56	0.76	1144	6.99	5.32	0.76	1203	6.72	5.12	0.76	1258	6.47	4.92	0.76	1316	6.10	4.64	0.76	1402	5.60	4.26	0.76	1489	5.18	3.94	0.76	1545	4.30	3.27	0.76	1604
	29	22	4.58	2.94	0.64	446	4.58	2.94	0.64	487	4.58	2.94	0.64	529	5.09	3.26	0.64	556	5.09	3.26	0.64	612	7.75	4.97	0.64	1176	7.41	4.75	0.64	1236	7.13	4.57	0.64	1293	6.85	4.39	0.64	1353	6.47	4.14	0.64	1441	5.94	3.80	0.64	1530	5.49	3.52	0.64	1588	4.56	2.92	0.64	1649
	29	24	4.86	2.53	0.52	486	4.86	2.53	0.52	527	4.86	2.53	0.52	569	5.40	2.81	0.52	596	5.40	2.81	0.52	652	8.21	4.28	0.52	1209	7.86	4.09	0.52	1271	7.56	3.94	0.52	1329	7.26	3.78	0.52	1390	6.85	3.57	0.52	1481	6.29	3.28	0.52	1573	5.82	3.03	0.52	1632	4.83	2.52	0.52	1694
	29	26	5.10	2.05	0.40	526	5.10	2.05	0.40	567	5.10	2.05	0.40	609	5.67	2.27	0.40	636	5.67	2.27	0.40	692	8.62	3.46	0.40	1241	8.25	3.31	0.40	1305	7.93	3.18	0.40	1365	7.63	3.06	0.40	1428	7.20	2.89	0.40	1521	6.61	2.65	0.40	1615	6.11	2.45	0.40	1676	5.07	2.03	0.40	1740
	30	18	4.11	3.54	0.86	367	4.11	3.54	0.86	408	4.11	3.54	0.86	450	4.57	3.94	0.86	477	4.57	3.94	0.86	533	6.95	5.99	0.86	1111	6.65	5.73	0.86	1169	6.40	5.51	0.86	1222	6.15	5.30	0.86	1279	5.80	5.00	0.86	1362	5.33	4.59	0.86	1446	4.93	4.24	0.86	1501	4.09	3.52	0.86	1558
	30	20	4.32	3.46	0.80	407	4.32	3.46	0.80	448	4.32	3.46	0.80	490	4.80	3.85	0.80	517	4.80	3.85	0.80	573	7.31	5.85	0.80	1144	6.99	5.60	0.80	1203	6.72	5.39	0.80	1258	6.47	5.18	0.80	1316	6.10	4.89	0.80	1402	5.60	4.49	0.80	1489	5.18	4.15	0.80	1545	4.30	3.44	0.80	1604
	30	22	4.58	3.12	0.68	446	4.58	3.12	0.68	487	4.58	3.12	0.68	529	5.09	3.47	0.68	556	5.09	3.47	0.68	612	7.75	5.28	0.68	1176	7.41	5.05	0.68	1236	7.13	4.85	0.68	1293	6.85	4.67	0.68	1353	6.47	4.40	0.68	1441	5.94	4.04	0.68	1530	5.49	3.74	0.68	1588	4.56	3.10	0.68	1649
	30	24	4.86	2.73	0.56	486	4.86	2.73	0.56	527	4.86	2.73	0.56	569	5.40	3.03	0.56	596	5.40	3.03	0.56	652	8.21	4.61	0.56	1209	7.86	4.41	0.56	1271	7.56	4.24	0.56	1329	7.26	4.08	0.56	1390	6.85	3.84	0.56	1481	6.29	3.53	0.56	1573	5.82	3.26	0.56	1632	4.83	2.71	0.56	1694
	30	26	5.10	2.25	0.44	526	5.10	2.25	0.44	567	5.10	2.25	0.44	609	5.67	2.50	0.44	636	5.67	2.50	0.44	692	8.62	3.80	0.44	1241	8.25	3.64	0.44	1305	7.93	3.50	0.44	1365	7.63	3.36	0.44	1428	7.20	3.17	0.44	1521	6.61	2.91	0.44	1615	6.11	2.69	0.44	1676	5.07	2.24	0.44	1740
	31	18	4.11	3.54	0.86	367	4.11	3.54	0.86	408	4.11	3.54	0.86	450	4.57	3.94	0.86	477	4.57	3.94	0.86	533	6.95	5.99	0.86	1111	6.65	5.73	0.86	1169	6.40	5.51	0.86	1222	6.15	5.30	0.86	1279	5.80	5.00	0.86	1362	5.33	4.59	0.86	1446	4.93	4.24	0.86	1501	4.09	3.52	0.86	1558
	31	20	4.32	3.64	0.84	407	4.32	3.64	0.84	448	4.32	3.64	0.84	490	4.80	4.04	0.84	517	4.80	4.04	0.84	573	7.31	6.15	0.84	1144	6.99	5.88	0.84	1203	6.72	5.66	0.84	1258	6.47	5.44	0.84	1316	6.10	5.13	0.84	1402	5.60	4.71	0.84	1489	5.18	4.36	0.84	1545	4.30	3.62	0.84	1604
	31	22	4.58	3.31	0.72	446	4.58	3.31	0.72	487	4.58	3.31	0.72	529	5.09	3.67	0.72	556	5.09	3.67	0.72	612	7.75	5.59	0.72	1176	7.41	5.34	0.72	1236	7.13	5.14	0.72	1293	6.85	4.94	0.72	1353	6.47	4.66	0.72	1441	5.94	4.28	0.72	1530	5.49	3.96	0.72	1588	4.56	3.29	0.72	1649
	31	24	4.86	2.92	0.60	486	4.86	2.92	0.60	527	4.86	2.92	0.60	569	5.40	3.24	0.60	596	5.40	3.24	0.60	652	8.21	4.93	0.60	1209	7.86	4.72	0.60	1271	7.56	4.54	0.60	1329	7.26	4.37	0.60	1390	6.85	4.12	0.60	1481	6.29	3.78	0.60	1573	5.82	3.50	0.60	1632	4.83	2.90	0.60	1694
	31	26	5.10	2.45	0.48	526	5.10	2.45	0.48	567	5.10	2.45	0.48	609	5.67	2.73	0.48	636	5.67	2.73	0.48	692	8.62	4.15	0.48	1241	8.25	3.97	0.48	1305	7.93	3.82	0.48	1365	7.63	3.67	0.48	1428	7.20	3.46	0.48	1521	6.61	3.18	0.48	1615	6.11	2.94	0.48	1676	5.07	2.44	0.48	1740
	32	18	4.11	3.54	0.86	367	4.11	3.54	0.86	408	4.11	3.54	0.86	450	4.57	3.94	0.86	477	4.57	3.94	0.86	533	6.95	5.99	0.86	1111	6.65	5.73	0.86	1169	6.40	5.51	0.86	1222	6.15	5.30	0.86	1279	5.80	5.00	0.86	1362	5.33	4.59	0.86	1446	4.93	4.24	0.86	1501	4.09	3.52	0.86	1558
	32	20	4.32	3.72	0.86	407	4.32	3.72	0.86	448	4.32	3.72	0.86	490	4.80	4.14	0.86	517	4.80	4.14	0.86	573	7.31	6.29	0.86	1144	6.99	6.02	0.86	1203	6.72	5.79	0.86	1258	6.47	5.57	0.86	1316	6.10	5.25	0.86	1402	5.60	4.82	0.86	1489	5.18	4.46	0.86	1545	4.30	3.70	0.86	1604
	32	22	4.58	3.49	0.76	446	4.58	3.49	0.76	487	4.58	3.49	0.76	529	5.09	3.87	0.76	556	5.09	3.87	0.76	612	7.75	5.90	0.76	1176	7.41	5.64	0.76	1236	7.13	5.42	0.76	1293	6.85	5.22	0.76	1353	6.47	4.92	0.76	1441	5.94	4.52	0.76	1530	5.49	4.18	0.76	1588	4.56	3.47	0.76	1649
	32	24	4.86	3.11	0.64	486	4.86	3.11	0.64	527	4.86	3.11	0.64	569	5.40	3.46	0.64	596	5.40	3.46	0.64	652	8.21	5.26	0.64	1209	7.86	5.04	0.64	1271	7.56	4.84	0.64	1329	7.26	4.66	0.64	1390	6.85	4.39	0.64	1481	6.29	4.03	0.64	1573	5.82	3.73	0.64	1632	4.83	3.10	0.64	1694
	32	26	5.10	2.66	0.52	526	5.10	2.66	0.52	567	5.10	2.66	0.52	609	5.67	2.95	0.52	636	5.67	2.95	0.52	692	8.62	4.49	0.52	1241	8.25	4.30	0.52	1305	7.93	4.13	0.52	1365	7.63	3.97	0.52	1428	7.20	3.75	0.52	1521	6.61	3.44	0.52	1615	6.11	3.18	0.52	1676	5.07	2.64	0.52	1740

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
80%	21	18	3.95	2.13	0.54	328	3.95	2.13	0.54	366	3.95	2.13	0.54	403	4.39	2.36	0.54	428	4.39	2.36	0.54	477	6.68	3.60	0.54	999	6.39	3.44	0.54	1050	6.14	3.31	0.54	1098	5.91	3.18	0.54	1149	5.57	3.00	0.54	1224	5.11	2.76	0.54	1299	4.73	2.55	0.54	1349	3.93	2.12	0.54	1400
	21	20	4.15	1.74	0.42	368	4.15	1.74	0.42	406	4.15	1.74	0.42	443	4.61	1.93	0.42	468	4.61	1.93	0.42	517	7.02	2.94	0.42	1031	6.71	2.81	0.42	1084	6.46	2.70	0.42	1134	6.21	2.60	0.42	1187	5.86	2.45	0.42	1264	5.38	2.25	0.42	1342	4.97	2.08	0.42	1393	4.13	1.73	0.42	1446
	22	18	3.95	2.29	0.58	328	3.95	2.29	0.58	366	3.95	2.29	0.58	403	4.39	2.54	0.58	428	4.39	2.54	0.58	477	6.68	3.86	0.58	999	6.39	3.70	0.58	1050	6.14	3.55	0.58	1098	5.91	3.42	0.58	1149	5.57	3.22	0.58	1224	5.11	2.96	0.58	1299	4.73	2.74	0.58	1349	3.93	2.27	0.58	1400
	22	20	4.15	1.90	0.46	368	4.15	1.90	0.46	406	4.15	1.90	0.46	443	4.61	2.12	0.46	468	4.61	2.12	0.46	517	7.02	3.22	0.46	1031	6.71	3.08	0.46	1084	6.46	2.96	0.46	1134	6.21	2.85	0.46	1187	5.86	2.69	0.46	1264	5.38	2.47	0.46	1342	4.97	2.28	0.46	1393	4.13	1.89	0.46	1446
	22	22	4.40	1.49	0.34	407	4.40	1.49	0.34	445	4.40	1.49	0.34	482	4.89	1.66	0.34	507	4.89	1.66	0.34	556	7.44	2.52	0.34	1063	7.12	2.41	0.34	1118	6.84	2.32	0.34	1169	6.58	2.23	0.34	1223	6.21	2.10	0.34	1303	5.70	1.93	0.34	1383	5.27	1.79	0.34	1436	4.37	1.48	0.34	1491
	23	18	3.95	2.44	0.62	328	3.95	2.44	0.62	366	3.95	2.44	0.62	403	4.39	2.71	0.62	428	4.39	2.71	0.62	477	6.68	4.13	0.62	999	6.39	3.95	0.62	1050	6.14	3.80	0.62	1098	5.91	3.65	0.62	1149	5.57	3.45	0.62	1224	5.11	3.16	0.62	1299	4.73	2.93	0.62	1349	3.93	2.43	0.62	1400
	23	20	4.15	2.07	0.50	368	4.15	2.07	0.50	406	4.15	2.07	0.50	443	4.61	2.30	0.50	468	4.61	2.30	0.50	517	7.02	3.50	0.50	1031	6.71	3.35	0.50	1084	6.46	3.22	0.50	1134	6.21	3.10	0.50	1187	5.86	2.92	0.50	1264	5.38	2.68	0.50	1342	4.97	2.48	0.50	1393	4.13	2.06	0.50	1446
	23	22	4.40	1.67	0.38	407	4.40	1.67	0.38	445	4.40	1.67	0.38	482	4.89	1.85	0.38	507	4.89	1.85	0.38	556	7.44	2.82	0.38	1063	7.12	2.70	0.38	1118	6.84	2.59	0.38	1169	6.58	2.49	0.38	1223	6.21	2.35	0.38	1303	5.70	2.16	0.38	1383	5.27	2.00	0.38	1436	4.37	1.66	0.38	1491
	24	18	3.95	2.60	0.66	328	3.95	2.60	0.66	366	3.95	2.60	0.66	403	4.39	2.89	0.66	428	4.39	2.89	0.66	477	6.68	4.40	0.66	999	6.39	4.21	0.66	1050	6.14	4.05	0.66	1098	5.91	3.89	0.66	1149	5.57	3.67	0.66	1224	5.11	3.37	0.66	1299	4.73	3.12	0.66	1349	3.93	2.59	0.66	1400
	24	20	4.15	2.24	0.54	368	4.15	2.24	0.54	406	4.15	2.24	0.54	443	4.61	2.48	0.54	468	4.61	2.48	0.54	517	7.02	3.78	0.54	1031	6.71	3.62	0.54	1084	6.46	3.48	0.54	1134	6.21	3.34	0.54	1187	5.86	3.15	0.54	1264	5.38	2.90	0.54	1342	4.97	2.68	0.54	1393	4.13	2.22	0.54	1446
	24	22	4.40	1.84	0.42	407	4.40	1.84	0.42	445	4.40	1.84	0.42	482	4.89	2.05	0.42	507	4.89	2.05	0.42	556	7.44	3.11	0.42	1063	7.12	2.98	0.42	1118	6.84	2.87	0.42	1169	6.58	2.76	0.42	1223	6.21	2.60	0.42	1303	5.70	2.39	0.42	1383	5.27	2.21	0.42	1436	4.37	1.83	0.42	1491
	24	24	4.66	1.39	0.30	447	4.66	1.39	0.30	485	4.66	1.39	0.30	522	5.18	1.55	0.30	547	5.18	1.55	0.30	596	7.88	2.36	0.30	1096	7.54	2.25	0.30	1152	7.25	2.17	0.30	1205	6.97	2.08	0.30	1261	6.58	1.97	0.30	1343	6.04	1.80	0.30	1426	5.59	1.67	0.30	1480	4.64	1.39	0.30	1536
	25	18	3.95	2.76	0.70	328	3.95	2.76	0.70	366	3.95	2.76	0.70	403	4.39	3.07	0.70	428	4.39	3.07	0.70	477	6.68	4.66	0.70	999	6.39	4.46	0.70	1050	6.14	4.29	0.70	1098	5.91	4.13	0.70	1149	5.57	3.89	0.70	1224	5.11	3.57	0.70	1299	4.73	3.31	0.70	1349	3.93	2.74	0.70	1400
	25	20	4.15	2.40	0.58	368	4.15	2.40	0.58	406	4.15	2.40	0.58	443	4.61	2.67	0.58	468	4.61	2.67	0.58	517	7.02	4.06	0.58	1031	6.71	3.89	0.58	1084	6.46	3.74	0.58	1134	6.21	3.59	0.58	1187	5.86	3.39	0.58	1264	5.38	3.11	0.58	1342	4.97	2.88	0.58	1393	4.13	2.39	0.58	1446
	25	22	4.40	2.02	0.46	407	4.40	2.02	0.46	445	4.40	2.02	0.46	482	4.89	2.24	0.46	507	4.89	2.24	0.46	556	7.44	3.41	0.46	1063	7.12	3.26	0.46	1118	6.84	3.14	0.46	1169	6.58	3.02	0.46	1223	6.21	2.85	0.46	1303	5.70	2.61	0.46	1383	5.27	2.42	0.46	1436	4.37	2.01	0.46	1491
	25	24	4.66	1.58	0.34	447	4.66	1.58	0.34	485	4.66	1.58	0.34	522	5.18	1.76	0.34	547	5.18	1.76	0.34	596	7.88	2.67	0.34	1096	7.54	2.56	0.34	1152	7.25	2.46	0.34	1205	6.97	2.36	0.34	1261	6.58	2.23	0.34	1343	6.04	2.05	0.34	1426	5.59	1.89	0.34	1480	4.64	1.57	0.34	1536
	26	18	3.95	2.92	0.74	328	3.95	2.92	0.74	366	3.95	2.92	0.74	403	4.39	3.24	0.74	428	4.39	3.24	0.74	477	6.68	4.93	0.74	999	6.39	4.72	0.74	1050	6.14	4.54	0.74	1098	5.91	4.36	0.74	1149	5.57	4.12	0.74	1224	5.11	3.78	0.74	1299	4.73	3.50	0.74	1349	3.93	2.90	0.74	1400
	26	20	4.15	2.57	0.62	368	4.15	2.57	0.62	406	4.15	2.57	0.62	443	4.61	2.85	0.62	468	4.61	2.85	0.62	517	7.02	4.34	0.62	1031	6.71	4.15	0.62	1084	6.46	3.99	0.62	1134	6.21	3.84	0.62	1187	5.86	3.62	0.62	1264	5.38	3.33	0.62	1342	4.97	3.08	0.62	1393	4.13	2.55	0.62	1446
	26	22	4.40	2.19	0.50	407	4.40	2.19	0.50	445	4.40	2.19	0.50	482	4.89	2.44	0.50	507	4.89	2.44	0.50	556	7.44	3.71	0.50	1063	7.12	3.55	0.50	1118	6.84	3.41	0.50	1169	6.58	3.28	0.50	1223	6.21	3.10	0.50	1303	5.70	2.84	0.50	1383	5.27	2.63	0.50	1436	4.37	2.18	0.50	1491
	26	24	4.66	1.77	0.38	447	4.66	1.77	0.38	485	4.66	1.77	0.38	522	5.18	1.96	0.38	547	5.18	1.96	0.38	596	7.88	2.99	0.38	1096	7.54	2.86	0.38	1152	7.25	2.75	0.38	1205	6.97	2.64	0.38	1261	6.58	2.49	0.38	1343	6.04	2.29	0.38	1426	5.59	2.12	0.38	1480	4.64	1.76	0.38	1536
	26	26	4.90	1.27	0.26	487	4.90	1.27	0.26	525	4.90	1.27	0.26	562	5.44	1.41	0.26	587	5.44	1.41	0.26	636	8.28	2.14	0.26	1128	7.92	2.05	0.26	1187	7.62	1.97	0.26	1241	7.32	1.89	0.26	1298	6.91	1.79	0.26	1383	6.34	1.64	0.26	1468	5.87	1.52	0.26	1524	4.87	1.26	0.26	1582
	27	18	3.95	3.08	0.78	328	3.95	3.08	0.78	366	3.95	3.08	0.78	403	4.39	3.42	0.78	428	4.39	3.42	0.78	477	6.68	5.20	0.78	999	6.39	4.97	0.78	1050	6.14	4.78	0.78	1098	5.91	4.60	0.78	1149	5.57	4.34	0.78	1224	5.11	3.98	0.78	1299	4.73	3.68	0.78	1349	3.93	3.06	0.78	1400
	27	19	4.03	2.90	0.72	348	4.03	2.90	0.72	386	4.03	2.90	0.72	423	4.48	3.22	0.72	448	4.48	3.22	0.72	497	6.81	4.90	0.72	1015	6.52	4.68	0.72	1067	6.27	4.50	0.72	1116	6.03	4.33	0.72	1168	5.69	4.09	0.72	1244	5.22	3.75	0.72	1321	4.83	3.47	0.72	1371	4.01	2.88	0.72	1423
	27	20	4.15	2.73	0.66	368	4.15	2.73	0.66	406	4.15	2.73	0.66	443	4.61	3.04	0.66	468	4.61	3.04	0.66	517	7.02	4.62	0.66	1031	6.71	4.42	0.66	1084	6.46	4.25	0.66	1134	6.21	4.09	0.66	1187	5.86	3.86	0.66	1264	5.38	3.54	0.66	1342	4.97	3.28	0.66	1393	4.13	2.72	0.66	1446
	27	22	4.40	2.37	0.54	407	4.40	2.37	0.54	445	4.40	2.37	0.54	482	4.89	2.63	0.54	507	4.89	2.63	0.54	556	7.44	4.01	0.54	1063	7.12	3.83	0.54	1118	6.84	3.69	0.54	1169	6.58	3.54	0.54	1223	6.21	3.34	0.54	1303	5.70	3.07	0.54	1383	5.27	2.84	0.54	1436	4.37	2.36	0.54	1491
	27	24	4.66	1.95	0.42	447	4.66	1.95	0.42	485	4.66	1.95	0.42	522	5.18	2.17	0.42	547	5.18	2.17	0.42	596	7.88	3.30	0.42	1096	7.54	3.16	0.42	1152	7.25	3.04	0.42	1205	6.97	2.92	0.42	1261	6.58	2.76	0.42	1343	6.04	2.53	0.42	1426	5.59	2.34	0.42	1480	4.64	1.94	0.42	1536
	27	26	4.90	1.46	0.30	487	4.90	1.46	0.30	525	4.90	1.46	0.30	562	5.44	1.63	0.30	587	5.44	1.63	0.30	636	8.28	2.47	0.30	1128	7.92	2.37	0.30	1187	7.62	2.28	0.30	1241	7.32	2.19	0.30	1298	6.91	2.06	0.30	1383	6.34	1.89	0.30	1468	5.87	1.75	0.30	1524	4.87	1.45	0.30	1582
	28	18	3.95	3.23	0.82	328	3.95	3.23	0.82	366	3.95	3.23	0.82	403	4.39	3.59	0.82	428	4.39	3.59	0.82	477	6.68	5.47	0.82	999	6.39	5.23	0.82	1050	6.14	5.03	0.82	1098	5.91	4.84	0.82	1149	5.57	4.56	0.82	1224	5.11	4.19	0.82	1299	4.73	3.87	0.82	1349	3.93	3.22	0.82	1400
	28	20	4.15	2.90	0.70	368	4.15	2.90	0.70	406	4.15	2.90	0.70	443	4.61	3.22	0.70	468	4.61	3.22	0.70	517	7.02	4.90	0.70	1031	6.71	4.69	0.70	1084	6.46	4.51	0.70	1134	6.21	4.34	0.70	1187	5.86	4.09	0.70	1264	5.38	3.76	0.70	1342	4.97	3.47	0.70	1393	4.13	2.88	0.70	1446
	28	22	4.40	2.55	0.58	407	4.40	2.55	0.58	445	4.40	2.55	0.58	482	4.89	2.83	0.58	507	4.89	2.83	0.58	556	7.44	4.30	0.58	1063	7.12	4.12	0.58	1118	6.84	3.96	0.58	1169	6.58	3.81	0.58	1223	6.21	3.59	0.58	1303	5.70	3.30	0.58	1383	5.27	3.05	0.58	1436	4.37	2.53	0.58	1491
	28	24	4.66	2.14	0.46	447	4.66	2.14	0.46	485	4.66	2.14	0.46	522	5.18	2.38	0.46	547	5.18	2.38	0.46	596	7.88	3.62	0.46	1096	7.54	3.46	0.46	1152	7.25	3.33	0.46	1205	6.97	3.20	0.46	1261	6.58	3.02	0.46	1343	6.04	2.77	0.46	1426	5.59	2.56	0.46	1480	4.64	2.13	0.46	1536
	28	26	4.90	1.66	0.34	487	4.90	1.66	0.34	525	4.90	1.66	0.34	562	5.44	1.84	0.34	587	5.44	1.84	0.34	636	8.28	2.80	0.34	1128	7.92	2.68	0.34	1187	7.62	2.58	0.34	1241	7.32	2.48	0.34	1298	6.91	2.34	0.34	1383	6.34	2.15	0.34	1468	5.87	1.99	0.34	1524	4.87	1.65	0.34	1582
	29	18	3.95	3.31	0.84	328	3.95	3.31	0.84	366	3.95	3.31	0.84	403	4.39	3.68	0.84	428	4.39	3.68	0.84	477	6.68	5.60	0.84	999	6.39	5.36	0.84	1050	6.14	5.15	0.84	1098	5.91	4.95	0.84	1149	5.57	4.67	0.84	1224	5.11	4.29	0.84	1299	4.73	3.97	0.84	1349	3.93	3.29	0.84	1400
	29	20	4.15	3.07	0.74	368	4.15	3.07	0.74	406	4.15	3.07	0.74	443	4.61	3.41	0.74	468	4.61	3.41	0.74	517	7.02	5.18	0.74	1031	6.71	4.96	0.74	1084	6.46	4.77	0.74	1134	6.21	4.59	0.74	1187	5.86	4.33	0.74	1264	5.38	3.97	0.74	1342	4.97	3.67	0.74	1393	4.13	3.05	0.74	1446
	29	22	4.40	2.72	0.62	407	4.40	2.72	0.62	445	4.40	2.72	0.62	482	4.89	3.02	0.62	507	4.89	3.02	0.62	556	7.44	4.60	0.62	1063	7.12	4.40	0.62	1118	6.84	4.23	0.62	1169	6.58	4.07	0.62	1223	6.21	3.84	0.62	1303	5.70	3.53	0.62	1383	5.27	3.26	0.62	1436	4.37	2.71	0.62	1491
	29	24	4.66	2.33	0.50	447	4.66	2.33	0.50	485	4.66	2.33	0.50	522	5.18	2.58	0.50	547	5.18	2.58	0.50	596	7.88	3.93	0.50	1096	7.54	3.76	0.50	1152	7.25	3.62	0.50	1205	6.97	3.48	0.50	1261	6.58	3.28	0.50	1343	6.04	3.01	0.50	1426	5.59	2.79	0.50	1480	4.64	2.31	0.50	1536
	29	26	4.90	1.86	0.38	487	4.90	1.86	0.38	525	4.90	1.86	0.38	562	5.44	2.06	0.38	587	5.44	2.06	0.38	636	8.28	3.14	0.38	1128	7.92	3.00	0.38	1187	7.62	2.88	0.38	1241	7.32	2.77	0.38	1298	6.91	2.62	0.38	1383	6.34	2.40	0.38	1468	5.87	2.22	0.38	1524	4.87	1.84	0.38	1582
	30	18	3.95	3.31	0.84	328	3.95	3.31	0.84	366	3.95	3.31	0.84	403	4.39	3.68	0.84	428	4.39	3.68	0.84	477	6.68	5.60	0.84	999	6.39	5.36	0.84	1050	6.14	5.15	0.84	1098	5.91	4.95	0.84	1149	5.57	4.67	0.84	1224	5.11	4.29	0.84	1299	4.73	3.97	0.84	1349	3.93	3.29	0.84	1400
	30	20	4.15	3.23	0.78	368	4.15	3.23	0.78	406	4.15	3.23	0.78	443	4.61	3.59	0.78	468	4.61	3.59	0.78	517	7.02	5.46	0.78	1031	6.71	5.23	0.78	1084	6.46	5.03	0.78	1134	6.21	4.83	0.78	1187	5.86	4.56	0.78	1264	5.38	4.19	0.78	1342	4.97	3.87	0.78	1393	4.13	3.21	0.78	1446
	30	22	4.40	2.90	0.66	407	4.40	2.90	0.66	445	4.40	2.90	0.66	482	4.89	3.22	0.66	507	4.89	3.22	0.66	556	7.44	4.90	0.66	1063	7.12	4.69	0.66	1118	6.84	4.51	0.66	1169	6.58	4.33	0.66	1223	6.21	4.09	0.66	1303	5.70	3.75	0.66	1383	5.27	3.47	0.66	1436	4.37	2.88	0.66	1491
	30	24	4.66	2.51	0.54	447	4.66	2.51	0.54	485	4.66	2.51	0.54	522	5.18	2.79	0.54	547	5.18	2.79	0.54	596	7.88	4.25	0.54	1096	7.54	4.06	0.54	1152	7.25	3.91	0.54	1205	6.97	3.76	0.54	1261	6.58	3.54	0.54	1343	6.04	3.25	0.54	1426	5.59	3.01	0.54	1480	4.64	2.50	0.54	1536
	30	26	4.90	2.05	0.42	487	4.90	2.05	0.42	525	4.90	2.05	0.42	562	5.44	2.28	0.42	587	5.44	2.28	0.42	636	8.28	3.47	0.42	1128	7.92	3.32	0.42	1187	7.62	3.19	0.42	1241	7.32	3.07	0.42	1298	6.91	2.89	0.42	1383	6.34	2.66	0.42	1468	5.87	2.46	0.42	1524	4.87	2.04	0.42	1582
	31	18	3.95	3.31	0.84	328	3.95	3.31	0.84	366	3.95	3.31	0.84	403	4.39	3.68	0.84	428	4.39	3.68	0.84	477	6.68	5.60	0.84	999	6.39	5.36	0.84	1050	6.14	5.15	0.84	1098	5.91	4.95	0.84	1149	5.57	4.67	0.84	1224	5.11	4.29	0.84	1299	4.73	3.97	0.84	1349	3.93	3.29	0.84	1400
	31	20	4.15	3.40	0.82	368	4.15	3.40	0.82	406	4.15	3.40	0.82	443	4.61	3.78	0.82	468	4.61	3.78	0.82	517	7.02	5.74	0.82	1031	6.71	5.50	0.82	1084	6.46	5.29	0.82	1134	6.21	5.08	0.82	1187	5.86	4.79	0.82	1264	5.38	4.40	0.82	1342	4.97	4.07	0.82	1393	4.13	3.38	0.82	1446
	31	22	4.40	3.08	0.70	407	4.40	3.08	0.70	445	4.40	3.08	0.70	482	4.89	3.42	0.70	507	4.89	3.42	0.70	556	7.44	5.20	0.70	1063	7.12	4.97	0.70	1118	6.84	4.78	0.70	1169	6.58	4.60	0.70	1223	6.21	4.34	0.70	1303	5.70	3.98	0.70	1383	5.27	3.68	0.70	1436	4.37	3.06	0.70	1491
	31	24	4.66	2.70	0.58	447	4.66	2.70	0.58	485	4.66	2.70	0.58	522	5.18	3.00	0.58	547	5.18	3.00	0.58	596	7.88	4.56	0.58	1096	7.54	4.37	0.58	1152	7.25	4.20	0.58	1205	6.97	4.04	0.58	1261	6.58	3.81	0.58	1343	6.04	3.50	0.58	1426	5.59	3.23	0.58	1480	4.64	2.68	0.58	1536
	31	26	4.90	2.25	0.46	487	4.90	2.25	0.46	525	4.90	2.25	0.46	562	5.44	2.50	0.46	587	5.44	2.50	0.46	636	8.28	3.80	0.46	1128	7.92	3.63	0.46	1187	7.62	3.49	0.46	1241	7.32	3.36	0.46	1298	6.91	3.17	0.46	1383	6.34	2.91	0.46	1468	5.87	2.69	0.46	1524	4.87	2.23	0.46	1582
	32	18	3.95	3.31	0.84	328	3.95	3.31	0.84	366	3.95	3.31	0.84	403	4.39	3.68	0.84	428	4.39	3.68	0.84	477	6.68	5.60	0.84	999	6.39	5.36	0.84	1050	6.14	5.15	0.84	1098	5.91	4.95	0.84	1149	5.57	4.67	0.84	1224	5.11	4.29	0.84	1299	4.73	3.97	0.84	1349	3.93	3.29	0.84	1400
	32	20	4.15	3.48	0.84	368	4.15	3.48	0.84	406	4.15	3.48	0.84	443	4.61	3.87	0.84	468	4.61	3.87	0.84	517	7.02	5.88	0.84	1031	6.71	5.63	0.84	1084	6.46	5.41	0.84	1134	6.21	5.21	0.84	1187	5.86	4.91	0.84	1264	5.38	4.51	0.84	1342	4.97	4.17	0.84	1393	4.13	3.46	0.84	1446
	32	22	4.40	3.25	0.74	407	4.40	3.25	0.74	445	4.40	3.25	0.74	482	4.89	3.61	0.74	507	4.89	3.61	0.74	556	7.44	5.49	0.74	1063	7.12	5.26	0.74	1118	6.84	5.06	0.74	1169	6.58	4.86	0.74	1223	6.21	4.59	0.74	1303	5.70	4.21	0.74	1383	5.27	3.89	0.74	1436	4.37	3.23	0.74	1491
	32	24	4.66	2.89	0.62	447	4.66	2.89	0.62	485	4.66	2.89	0.62	522	5.18	3.21	0.62	547	5.18	3.21	0.62	596	7.88	4.88	0.62	1096	7.54	4.67	0.62	1152	7.25	4.49	0.62	1205	6.97	4.32	0.62	1261	6.58	4.07	0.62	1343	6.04	3.74	0.62	1426	5.59	3.46	0.62	1480	4.64	2.87	0.62	1536
	32	26	4.90	2.44	0.50	487	4.90	2.44	0.50	525	4.90	2.44	0.50	562	5.44	2.71	0.50	587	5.44	2.71	0.50	636	8.28	4.13	0.50	1128	7.92	3.95	0.50	1187	7.62	3.80	0.50	1241	7.32	3.65	0.50	1298	6.91	3.45	0.50	1383	6.34	3.16	0.50	1468	5.87	2.93	0.50	1524	4.87	2.43	0.50	1582

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

21K

HEATING PERFORMANCE DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
130%	15	5.06	1479	5.95	1524	6.61	1540	7.27	1571	7.90	1654	8.53	1737	8.96	1789	9.23	1824
	16	5.00	1491	5.88	1537	6.54	1552	7.18	1584	7.81	1667	8.43	1751	8.85	1803	9.12	1839
	17	4.94	1503	5.81	1549	6.46	1565	7.10	1597	7.71	1681	8.33	1765	8.75	1818	9.01	1854
	18	4.88	1515	5.74	1562	6.38	1577	7.01	1609	7.62	1694	8.23	1779	8.64	1832	8.90	1869
	19	4.82	1527	5.68	1574	6.31	1590	6.93	1622	7.53	1708	8.14	1793	8.54	1847	8.80	1884
	20	4.78	1539	5.62	1587	6.24	1603	6.86	1636	7.46	1722	8.05	1808	8.46	1862	8.71	1899
	21	4.72	1556	5.55	1604	6.17	1620	6.78	1654	7.37	1741	7.96	1828	8.36	1882	8.61	1920
	22	4.66	1573	5.49	1622	6.09	1638	6.70	1672	7.28	1760	7.86	1848	8.26	1903	8.50	1941
	23	4.61	1591	5.42	1640	6.02	1656	6.62	1690	7.19	1779	7.77	1868	8.16	1924	8.40	1963
	24	4.55	1608	5.35	1658	5.95	1675	6.54	1709	7.11	1799	7.67	1889	8.06	1945	8.30	1984
	25	4.50	1626	5.29	1676	5.88	1693	6.46	1727	7.02	1818	7.58	1909	7.96	1967	8.20	2006
	26	4.44	1644	5.23	1694	5.81	1712	6.38	1746	6.94	1838	7.49	1930	7.87	1988	8.10	2028
	27	4.39	1662	5.16	1713	5.74	1730	6.31	1766	6.85	1859	7.40	1952	7.77	2010	8.01	2050
	28	4.34	1680	5.10	1732	5.67	1749	6.23	1785	6.77	1879	7.31	1973	7.68	2032	7.91	2073
	29	4.28	1698	5.04	1751	5.60	1769	6.15	1805	6.69	1900	7.23	1995	7.59	2055	7.81	2096
	30	4.23	1717	4.98	1770	5.53	1788	6.08	1825	6.61	1921	7.14	2017	7.50	2077	7.72	2119
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
120%	15	4.91	1408	5.78	1452	6.42	1466	7.06	1496	7.67	1575	8.28	1654	8.70	1703	8.96	1738
	16	4.85	1420	5.71	1463	6.35	1478	6.97	1508	7.58	1588	8.19	1667	8.60	1717	8.85	1752
	17	4.80	1431	5.64	1475	6.27	1490	6.89	1521	7.49	1601	8.09	1681	8.49	1731	8.75	1766
	18	4.74	1443	5.58	1487	6.20	1502	6.81	1533	7.40	1614	7.99	1694	8.39	1745	8.64	1780
	19	4.68	1454	5.51	1499	6.12	1514	6.73	1545	7.31	1627	7.90	1708	8.29	1759	8.54	1794
	20	4.64	1466	5.46	1511	6.06	1526	6.66	1558	7.24	1640	7.82	1722	8.21	1773	8.46	1809
	21	4.58	1482	5.39	1528	5.99	1543	6.58	1575	7.15	1658	7.73	1741	8.11	1793	8.36	1829
	22	4.53	1498	5.33	1545	5.92	1560	6.50	1592	7.07	1676	7.63	1760	8.02	1812	8.26	1849
	23	4.47	1515	5.26	1562	5.85	1577	6.42	1610	6.98	1694	7.54	1779	7.92	1832	8.16	1869
	24	4.42	1531	5.20	1579	5.78	1595	6.35	1627	6.90	1713	7.45	1799	7.82	1853	8.06	1890
	25	4.37	1548	5.14	1596	5.71	1612	6.27	1645	6.82	1732	7.36	1818	7.73	1873	7.96	1910
	26	4.31	1565	5.07	1614	5.64	1630	6.20	1663	6.73	1751	7.27	1838	7.64	1894	7.87	1931
	27	4.26	1583	5.01	1632	5.57	1648	6.12	1682	6.65	1770	7.19	1859	7.55	1914	7.77	1953
	28	4.21	1600	4.95	1649	5.50	1666	6.05	1700	6.57	1790	7.10	1879	7.45	1935	7.68	1974
	29	4.16	1618	4.89	1668	5.44	1684	5.98	1719	6.50	1809	7.01	1900	7.37	1957	7.59	1996
	30	4.11	1635	4.84	1686	5.37	1703	5.90	1738	6.42	1829	6.93	1921	7.28	1978	7.50	2018
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
110%	15	4.77	1381	5.61	1423	6.23	1438	6.85	1467	7.45	1544	8.04	1621	8.44	1670	8.70	1703
	16	4.71	1392	5.54	1435	6.16	1449	6.77	1479	7.36	1557	7.95	1634	8.34	1684	8.60	1717
	17	4.66	1403	5.48	1446	6.09	1461	6.69	1491	7.27	1569	7.85	1648	8.25	1697	8.49	1731
	18	4.60	1414	5.41	1458	6.02	1473	6.61	1503	7.19	1582	7.76	1661	8.15	1711	8.39	1745
	19	4.55	1426	5.35	1470	5.94	1485	6.53	1515	7.10	1595	7.67	1674	8.05	1725	8.29	1759
	20	4.50	1437	5.30	1482	5.89	1497	6.47	1527	7.03	1607	7.59	1688	7.97	1738	8.21	1773
	21	4.45	1453	5.23	1498	5.81	1513	6.39	1544	6.95	1625	7.50	1706	7.88	1758	8.11	1793
	22	4.39	1469	5.17	1514	5.74	1530	6.31	1561	6.86	1643	7.41	1725	7.78	1777	8.02	1812
	23	4.34	1485	5.11	1531	5.68	1546	6.24	1578	6.78	1661	7.32	1744	7.69	1796	7.92	1832
	24	4.29	1501	5.05	1548	5.61	1564	6.16	1595	6.70	1679	7.23	1763	7.60	1816	7.82	1853
	25	4.24	1518	4.99	1565	5.54	1581	6.09	1613	6.62	1698	7.15	1783	7.50	1836	7.73	1873
	26	4.19	1535	4.93	1582	5.47	1598	6.02	1631	6.54	1717	7.06	1802	7.41	1856	7.64	1894
	27	4.14	1552	4.87	1600	5.41	1616	5.94	1649	6.46	1735	6.98	1822	7.33	1877	7.55	1914
	28	4.09	1569	4.81	1617	5.34	1633	5.87	1667	6.38	1755	6.89	1842	7.24	1897	7.45	1935
	29	4.04	1586	4.75	1635	5.28	1651	5.80	1685	6.31	1774	6.81	1862	7.15	1918	7.37	1957
	30	3.99	1603	4.69	1653	5.22	1670	5.73	1704	6.23	1793	6.73	1883	7.07	1939	7.28	1978

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
100%	15	4.63	1340	5.45	1382	6.05	1396	6.65	1424	7.23	1499	7.81	1574	8.20	1621	8.44	1654
	16	4.58	1351	5.38	1393	5.98	1407	6.57	1436	7.14	1511	7.72	1587	8.10	1634	8.34	1667
	17	4.52	1362	5.32	1404	5.91	1418	6.49	1447	7.06	1524	7.62	1600	8.01	1648	8.25	1681
	18	4.47	1373	5.26	1416	5.84	1430	6.42	1459	6.98	1536	7.53	1613	7.91	1661	8.15	1694
	19	4.41	1384	5.19	1427	5.77	1441	6.34	1471	6.89	1548	7.44	1626	7.82	1674	8.05	1708
	20	4.37	1395	5.14	1438	5.71	1453	6.28	1483	6.83	1561	7.37	1639	7.74	1688	7.97	1722
	21	4.32	1411	5.08	1454	5.65	1469	6.20	1499	6.74	1578	7.28	1657	7.65	1706	7.88	1741
	22	4.27	1426	5.02	1470	5.58	1485	6.13	1515	6.66	1595	7.20	1675	7.55	1725	7.78	1760
	23	4.22	1442	4.96	1486	5.51	1501	6.06	1532	6.58	1613	7.11	1693	7.46	1744	7.69	1779
	24	4.17	1458	4.90	1503	5.44	1518	5.98	1549	6.50	1630	7.02	1712	7.37	1763	7.60	1799
	25	4.12	1474	4.84	1519	5.38	1535	5.91	1566	6.43	1648	6.94	1731	7.29	1783	7.50	1818
	26	4.07	1490	4.78	1536	5.31	1552	5.84	1583	6.35	1667	6.86	1750	7.20	1802	7.41	1838
	27	4.02	1506	4.73	1553	5.25	1569	5.77	1601	6.27	1685	6.77	1769	7.11	1822	7.33	1859
	28	3.97	1523	4.67	1570	5.19	1586	5.70	1618	6.20	1703	6.69	1789	7.03	1842	7.24	1879
	29	3.92	1540	4.61	1587	5.13	1603	5.63	1636	6.12	1722	6.61	1808	6.94	1862	7.15	1900
	30	3.87	1557	4.56	1605	5.06	1621	5.56	1654	6.05	1741	6.53	1828	6.86	1883	7.07	1921

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
90%	15	4.47	1316	5.26	1357	5.84	1371	6.42	1399	6.98	1472	7.54	1546	7.91	1592	8.15	1624
	16	4.42	1327	5.19	1368	5.77	1382	6.34	1410	6.89	1484	7.45	1558	7.82	1605	8.05	1637
	17	4.36	1338	5.13	1379	5.70	1393	6.27	1421	6.81	1496	7.36	1571	7.73	1618	7.96	1650
	18	4.31	1348	5.07	1390	5.64	1404	6.19	1433	6.73	1508	7.27	1584	7.63	1631	7.86	1664
	19	4.26	1359	5.01	1401	5.57	1415	6.12	1444	6.65	1520	7.18	1596	7.54	1644	7.77	1677
	20	4.22	1370	4.96	1413	5.51	1427	6.06	1456	6.59	1533	7.11	1609	7.47	1657	7.69	1691
	21	4.17	1385	4.90	1428	5.45	1443	5.99	1472	6.51	1549	7.03	1627	7.38	1676	7.60	1709
	22	4.12	1400	4.84	1444	5.38	1458	5.91	1488	6.43	1566	6.94	1645	7.29	1694	7.51	1728
	23	4.07	1416	4.79	1460	5.32	1474	5.84	1505	6.35	1584	6.86	1663	7.20	1713	7.42	1747
	24	4.02	1431	4.73	1476	5.25	1491	5.77	1521	6.28	1601	6.78	1681	7.12	1732	7.33	1766
	25	3.97	1447	4.67	1492	5.19	1507	5.70	1538	6.20	1619	6.70	1700	7.03	1751	7.24	1786
	26	3.92	1463	4.62	1508	5.13	1524	5.64	1555	6.13	1637	6.62	1718	6.95	1770	7.16	1805
	27	3.88	1479	4.56	1525	5.07	1540	5.57	1572	6.05	1655	6.54	1737	6.86	1789	7.07	1825
	28	3.83	1495	4.51	1542	5.01	1557	5.50	1589	5.98	1673	6.46	1756	6.78	1809	6.98	1845
	29	3.78	1512	4.45	1559	4.95	1574	5.44	1607	5.91	1691	6.38	1776	6.70	1829	6.90	1866
	30	3.74	1529	4.40	1576	4.89	1592	5.37	1624	5.84	1710	6.30	1795	6.62	1849	6.82	1886

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15	-10	-5	0	5	10	15	20	-15	-10	-5	0	5	10	15	20
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
80%	15	4.33	1303	5.10	1343	5.67	1357	6.23	1385	6.77	1458	7.31	1530	7.67	1576	7.90	1608
	16	4.28	1314	5.04	1354	5.60	1368	6.15	1396	6.69	1469	7.22	1543	7.58	1589	7.81	1621
	17	4.23	1324	4.98	1365	5.53	1379	6.08	1407	6.61	1481	7.14	1555	7.49	1602	7.72	1634
	18	4.18	1335	4.92	1376	5.47	1390	6.01	1418	6.53	1493	7.05	1568	7.40	1615	7.63	1647
	19	4.13	1346	4.86	1387	5.40	1401	5.94	1430	6.45	1505	6.97	1580	7.32	1628	7.54	1660
	20	4.09	1356	4.81	1398	5.35	1413	5.88	1441	6.39	1517	6.90	1593	7.24	1641	7.46	1674
	21	4.04	1371	4.76	1414	5.28	1428	5.81	1457	6.31	1534	6.82	1611	7.16	1659	7.37	1692
	22	3.99	1386	4.70	1429	5.22	1444	5.74	1473	6.24	1551	6.74	1628	7.07	1677	7.28	1711
	23	3.95	1402	4.64	1445	5.16	1460	5.67	1489	6.16	1568	6.65	1646	6.99	1696	7.20	1730
	24	3.90	1417	4.59	1461	5.10	1476	5.60	1506	6.09	1585	6.57	1664	6.90	1714	7.11	1749
	25	3.85	1433	4.53	1477	5.04	1492	5.53	1522	6.01	1603	6.50	1683	6.82	1733	7.02	1768
	26	3.81	1449	4.48	1493	4.97	1508	5.47	1539	5.94	1620	6.42	1701	6.74	1752	6.94	1787
	27	3.76	1464	4.42	1510	4.92	1525	5.40	1556	5.87	1638	6.34	1720	6.66	1771	6.86	1807
	28	3.71	1481	4.37	1526	4.86	1542	5.34	1573	5.80	1656	6.26	1739	6.58	1791	6.77	1827
	29	3.67	1497	4.32	1543	4.80	1559	5.27	1591	5.73	1674	6.19	1758	6.50	1811	6.69	1847
	30	3.63	1513	4.27	1560	4.74	1576	5.21	1608	5.66	1693	6.11	1777	6.42	1831	6.61	1867

Remarks:
Q: Total Cooling Capacity (Gross) **kW**
INPUT: Power Input (including the compressor, evap. fan motor & cond. **W**
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

24K (Up to 3IDUs)

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
130%	21	18	5.31	3.06	0.58	526	5.31	3.06	0.58	584	5.31	3.06	0.58	643	5.90	3.40	0.58	682	5.90	3.40	0.58	760	8.98	5.17	0.58	1575	8.59	4.95	0.58	1656	8.26	4.76	0.58	1732	7.95	4.58	0.58	1812	7.50	4.32	0.58	1929	6.88	3.96	0.58	2049	6.37	3.67	0.58	2127	5.28	3.04	0.58	2208
	21	20	5.59	2.55	0.46	566	5.59	2.55	0.46	624	5.59	2.55	0.46	683	6.20	2.83	0.46	722	6.20	2.83	0.46	800	9.44	4.30	0.46	1607	9.03	4.12	0.46	1690	8.69	3.96	0.46	1768	8.35	3.81	0.46	1849	7.88	3.59	0.46	1969	7.23	3.30	0.46	2092	6.69	3.05	0.46	2171	5.55	2.53	0.46	2253
	22	18	5.31	3.27	0.62	526	5.31	3.27	0.62	584	5.31	3.27	0.62	643	5.90	3.64	0.62	682	5.90	3.64	0.62	760	8.98	5.53	0.62	1575	8.59	5.29	0.62	1656	8.26	5.09	0.62	1732	7.95	4.89	0.62	1812	7.50	4.62	0.62	1929	6.88	4.24	0.62	2049	6.37	3.92	0.62	2127	5.28	3.25	0.62	2208
	22	20	5.59	2.77	0.50	566	5.59	2.77	0.50	624	5.59	2.77	0.50	683	6.20	3.08	0.50	722	6.20	3.08	0.50	800	9.44	4.68	0.50	1607	9.03	4.48	0.50	1690	8.69	4.31	0.50	1768	8.35	4.14	0.50	1849	7.88	3.91	0.50	1969	7.23	3.59	0.50	2092	6.69	3.32	0.50	2171	5.55	2.75	0.50	2253
	22	22	5.92	2.23	0.38	605	5.92	2.23	0.38	663	5.92	2.23	0.38	722	6.58	2.47	0.38	761	6.58	2.47	0.38	839	10.01	3.76	0.38	1639	9.57	3.60	0.38	1724	9.21	3.46	0.38	1803	8.85	3.33	0.38	1886	8.35	3.14	0.38	2008	7.67	2.88	0.38	2133	7.09	2.67	0.38	2214	5.89	2.21	0.38	2298
	23	18	5.31	3.49	0.66	526	5.31	3.49	0.66	584	5.31	3.49	0.66	643	5.90	3.87	0.66	682	5.90	3.87	0.66	760	8.98	5.89	0.66	1575	8.59	5.64	0.66	1656	8.26	5.42	0.66	1732	7.95	5.21	0.66	1812	7.50	4.92	0.66	1929	6.88	4.51	0.66	2049	6.37	4.18	0.66	2127	5.28	3.47	0.66	2208
	23	20	5.59	2.99	0.54	566	5.59	2.99	0.54	624	5.59	2.99	0.54	683	6.20	3.33	0.54	722	6.20	3.33	0.54	800	9.44	5.06	0.54	1607	9.03	4.84	0.54	1690	8.69	4.65	0.54	1768	8.35	4.48	0.54	1849	7.88	4.22	0.54	1969	7.23	3.88	0.54	2092	6.69	3.59	0.54	2171	5.55	2.98	0.54	2253
	23	22	5.92	2.46	0.42	605	5.92	2.46	0.42	663	5.92	2.46	0.42	722	6.58	2.74	0.42	761	6.58	2.74	0.42	839	10.01	4.16	0.42	1639	9.57	3.98	0.42	1724	9.21	3.83	0.42	1803	8.85	3.68	0.42	1886	8.35	3.47	0.42	2008	7.67	3.19	0.42	2133	7.09	2.95	0.42	2214	5.89	2.45	0.42	2298
	24	18	5.31	3.70	0.70	526	5.31	3.70	0.70	584	5.31	3.70	0.70	643	5.90	4.11	0.70	682	5.90	4.11	0.70	760	8.98	6.25	0.70	1575	8.59	5.98	0.70	1656	8.26	5.75	0.70	1732	7.95	5.53	0.70	1812	7.50	5.22	0.70	1929	6.88	4.79	0.70	2049	6.37	4.43	0.70	2127	5.28	3.68	0.70	2208
	24	20	5.59	3.22	0.58	566	5.59	3.22	0.58	624	5.59	3.22	0.58	683	6.20	3.57	0.58	722	6.20	3.57	0.58	800	9.44	5.44	0.58	1607	9.03	5.20	0.58	1690	8.69	5.00	0.58	1768	8.35	4.81	0.58	1849	7.88	4.54	0.58	1969	7.23	4.17	0.58	2092	6.69	3.85	0.58	2171	5.55	3.20	0.58	2253
	24	22	5.92	2.70	0.46	605	5.92	2.70	0.46	663	5.92	2.70	0.46	722	6.58	3.00	0.46	761	6.58	3.00	0.46	839	10.01	4.56	0.46	1639	9.57	4.37	0.46	1724	9.21	4.20	0.46	1803	8.85	4.04	0.46	1886	8.35	3.81	0.46	2008	7.67	3.50	0.46	2133	7.09	3.23	0.46	2214	5.89	2.68	0.46	2298
	24	24	6.28	2.11	0.34	645	6.28	2.11	0.34	703	6.28	2.11	0.34	762	6.97	2.34	0.34	801	6.97	2.34	0.34	879	10.61	3.56	0.34	1672	10.15	3.41	0.34	1758	9.76	3.28	0.34	1839	9.38	3.15	0.34	1923	8.85	2.97	0.34	2048	8.13	2.73	0.34	2175	7.52	2.53	0.34	2258	6.24	2.10	0.34	2344
	25	18	5.31	3.91	0.74	526	5.31	3.91	0.74	584	5.31	3.91	0.74	643	5.90	4.34	0.74	682	5.90	4.34	0.74	760	8.98	6.61	0.74	1575	8.59	6.32	0.74	1656	8.26	6.08	0.74	1732	7.95	5.85	0.74	1812	7.50	5.52	0.74	1929	6.88	5.06	0.74	2049	6.37	4.68	0.74	2127	5.28	3.89	0.74	2208
	25	20	5.59	3.44	0.62	566	5.59	3.44	0.62	624	5.59	3.44	0.62	683	6.20	3.82	0.62	722	6.20	3.82	0.62	800	9.44	5.81	0.62	1607	9.03	5.56	0.62	1690	8.69	5.35	0.62	1768	8.35	5.14	0.62	1849	7.88	4.85	0.62	1969	7.23	4.45	0.62	2092	6.69	4.12	0.62	2171	5.55	3.42	0.62	2253
	25	22	5.92	2.94	0.50	605	5.92	2.94	0.50	663	5.92	2.94	0.50	722	6.58	3.26	0.50	761	6.58	3.26	0.50	839	10.01	4.96	0.50	1639	9.57	4.75	0.50	1724	9.21	4.57	0.50	1803	8.85	4.39	0.50	1886	8.35	4.14	0.50	2008	7.67	3.80	0.50	2133	7.09	3.52	0.50	2214	5.89	2.92	0.50	2298
	25	24	6.28	2.36	0.38	645	6.28	2.36	0.38	703	6.28	2.36	0.38	762	6.97	2.62	0.38	801	6.97	2.62	0.38	879	10.61	3.99	0.38	1672	10.15	3.82	0.38	1758	9.76	3.67	0.38	1839	9.38	3.53	0.38	1923	8.85	3.33	0.38	2048	8.13	3.05	0.38	2175	7.52	2.83	0.38	2258	6.24	2.35	0.38	2344
	26	18	5.31	4.12	0.78	526	5.31	4.12	0.78	584	5.31	4.12	0.78	643	5.90	4.58	0.78	682	5.90	4.58	0.78	760	8.98	6.97	0.78	1575	8.59	6.67	0.78	1656	8.26	6.41	0.78	1732	7.95	6.17	0.78	1812	7.50	5.82	0.78	1929	6.88	5.34	0.78	2049	6.37	4.94	0.78	2127	5.28	4.10	0.78	2208
	26	20	5.59	3.66	0.66	566	5.59	3.66	0.66	624	5.59	3.66	0.66	683	6.20	4.07	0.66	722	6.20	4.07	0.66	800	9.44	6.19	0.66	1607	9.03	5.92	0.66	1690	8.69	5.70	0.66	1768	8.35	5.48	0.66	1849	7.88	5.17	0.66	1969	7.23	4.74	0.66	2092	6.69	4.39	0.66	2171	5.55	3.64	0.66	2253
	26	22	5.92	3.17	0.54	605	5.92	3.17	0.54	663	5.92	3.17	0.54	722	6.58	3.52	0.54	761	6.58	3.52	0.54	839	10.01	5.36	0.54	1639	9.57	5.13	0.54	1724	9.21	4.93	0.54	1803	8.85	4.74	0.54	1886	8.35	4.48	0.54	2008	7.67	4.11	0.54	2133	7.09	3.80	0.54	2214	5.89	3.15	0.54	2298
	26	24	6.28	2.61	0.42	645	6.28	2.61	0.42	703	6.28	2.61	0.42	762	6.97	2.90	0.42	801	6.97	2.90	0.42	879	10.61	4.41	0.42	1672	10.15	4.22	0.42	1758	9.76	4.06	0.42	1839	9.38	3.90	0.42	1923	8.85	3.68	0.42	2048	8.13	3.38	0.42	2175	7.52	3.13	0.42	2258	6.24	2.59	0.42	2344
	26	26	6.59	1.95	0.30	685	6.59	1.95	0.30	743	6.59	1.95	0.30	802	7.32	2.17	0.30	841	7.32	2.17	0.30	919	11.14	3.30	0.30	1704	10.66	3.15	0.30	1792	10.25	3.03	0.30	1875	9.85	2.92	0.30	1961	9.29	2.75	0.30	2088	8.53	2.53	0.30	2218	7.89	2.34	0.30	2302	6.55	1.94	0.30	2390
	27	18	5.31	4.34	0.82	526	5.31	4.34	0.82	584	5.31	4.34	0.82	643	5.90	4.82	0.82	682	5.90	4.82	0.82	760	8.98	7.33	0.82	1575	8.59	7.01	0.82	1656	8.26	6.74	0.82	1732	7.95	6.48	0.82	1812	7.50	6.12	0.82	1929	6.88	5.61	0.82	2049	6.37	5.19	0.82	2127	5.28	4.31	0.82	2208
	27	19	5.42	4.10	0.76	546	5.42	4.10	0.76	604	5.42	4.10	0.76	663	6.02	4.55	0.76	702	6.02	4.55	0.76	780	9.16	6.93	0.76	1591	8.77	6.63	0.76	1673	8.43	6.37	0.76	1750	8.11	6.13	0.76	1830	7.65	5.78	0.76	1949	7.02	5.31	0.76	2070	6.50	4.91	0.76	2149	5.39	4.08	0.76	2231
	27	20	5.59	3.89	0.70	566	5.59	3.89	0.70	624	5.59	3.89	0.70	683	6.20	4.32	0.70	722	6.20	4.32	0.70	800	9.44	6.57	0.70	1607	9.03	6.29	0.70	1690	8.69	6.04	0.70	1768	8.35	5.81	0.70	1849	7.88	5.48	0.70	1969	7.23	5.03	0.70	2092	6.69	4.66	0.70	2171	5.55	3.86	0.70	2253
	27	22	5.92	3.41	0.58	605	5.92	3.41	0.58	663	5.92	3.41	0.58	722	6.58	3.79	0.58	761	6.58	3.79	0.58	839	10.01	5.76	0.58	1639	9.57	5.51	0.58	1724	9.21	5.30	0.58	1803	8.85	5.10	0.58	1886	8.35	4.81	0.58	2008	7.67	4.42	0.58	2133	7.09	4.08	0.58	2214	5.89	3.39	0.58	2298
	27	24	6.28	2.86	0.46	645	6.28	2.86	0.46	703	6.28	2.86	0.46	762	6.97	3.18	0.46	801	6.97	3.18	0.46	879	10.61	4.84	0.46	1672	10.15	4.63	0.46	1758	9.76	4.45	0.46	1839	9.38	4.28	0.46	1923	8.85	4.04	0.46	2048	8.13	3.71	0.46	2175	7.52	3.43	0.46	2258	6.24	2.84	0.46	2344
	27	26	6.59	2.21	0.34	685	6.59	2.21	0.34	743	6.59	2.21	0.34	802	7.32	2.46	0.34	841	7.32	2.46	0.34	919	11.14	3.74	0.34	1704	10.66	3.58	0.34	1792	10.25	3.44	0.34	1875	9.85	3.31	0.34	1961	9.29	3.12	0.34	2088	8.53	2.87	0.34	2218	7.89	2.65	0.34	2302	6.55	2.20	0.34	2390
	28	18	5.31	4.55	0.86	526	5.31	4.55	0.86	584	5.31	4.55	0.86	643	5.90	5.05	0.86	682	5.90	5.05	0.86	760	8.98	7.69	0.86	1575	8.59	7.36	0.86	1656	8.26	7.07	0.86	1732	7.95	6.80	0.86	1812	7.50	6.42	0.86	1929	6.88	5.89	0.86	2049	6.37	5.45	0.86	2127	5.28	4.52	0.86	2208
	28	20	5.59	4.11	0.74	566	5.59	4.11	0.74	624	5.59	4.11	0.74	683	6.20	4.57	0.74	722	6.20	4.57	0.74	800	9.44	6.95	0.74	1607	9.03	6.65	0.74	1690	8.69	6.39	0.74	1768	8.35	6.15	0.74	1849	7.88	5.80	0.74	1969	7.23	5.32	0.74	2092	6.69	4.92	0.74	2171	5.55	4.09	0.74	2253
	28	22	5.92	3.65	0.62	605	5.92	3.65	0.62	663	5.92	3.65	0.62	722	6.58	4.05	0.62	761	6.58	4.05	0.62	839	10.01	6.16	0.62	1639	9.57	5.90	0.62	1724	9.21	5.67	0.62	1803	8.85	5.45	0.62	1886	8.35	5.14	0.62	2008	7.67	4.72	0.62	2133	7.09	4.37	0.62	2214	5.89	3.63	0.62	2298
	28	24	6.28	3.11	0.50	645	6.28	3.11	0.50	703	6.28	3.11	0.50	762	6.97	3.46	0.50	801	6.97	3.46	0.50	879	10.61	5.26	0.50	1672	10.15	5.03	0.50	1758	9.76	4.84	0.50	1839	9.38	4.65	0.50	1923	8.85	4.39	0.50	2048	8.13	4.03	0.50	2175	7.52	3.73	0.50	2258	6.24	3.09	0.50	2344
	28	26	6.59	2.48	0.38	685	6.59	2.48	0.38	743	6.59	2.48	0.38	802	7.32	2.75	0.38	841	7.32	2.75	0.38	919	11.14	4.19	0.38	1704	10.66	4.01	0.38	1792	10.25	3.85	0.38	1875	9.85	3.70	0.38	1961	9.29	3.49	0.38	2088	8.53	3.21	0.38	2218	7.89	2.97	0.38	2302	6.55	2.46	0.38	2390
	29	18	5.31	4.66	0.88	526	5.31	4.66	0.88	584	5.31	4.66	0.88	643	5.90	5.17	0.88	682	5.90	5.17	0.88	760	8.98	7.87	0.88	1575	8.59	7.53	0.88	1656	8.26	7.24	0.88	1732	7.95	6.96	0.88	1812	7.50	6.57	0.88	1929	6.88	6.03	0.88	2049	6.37	5.58	0.88	2127	5.28	4.63	0.88	2208
	29	20	5.59	4.33	0.78	566	5.59	4.33	0.78	624	5.59	4.33	0.78	683	6.20	4.81	0.78	722	6.20	4.81	0.78	800	9.44	7.32	0.78	1607	9.03	7.01	0.78	1690	8.69	6.74	0.78	1768	8.35	6.48	0.78	1849	7.88	6.11	0.78	1969	7.23	5.61	0.78	2092	6.69	5.19	0.78	2171	5.55	4.31	0.78	2253
	29	22	5.92	3.88	0.66	605	5.92	3.88	0.66	663	5.92	3.88	0.66	722	6.58	4.31	0.66	761	6.58	4.31	0.66	839	10.01	6.56	0.66	1639	9.57	6.28	0.66	1724	9.21	6.04	0.66	1803	8.85	5.81	0.66	1886	8.35	5.48	0.66	2008	7.67	5.03	0.66	2133	7.09	4.65	0.66	2214	5.89	3.86	0.66	2298
	29	24	6.28	3.36	0.54	645	6.28	3.36	0.54	703	6.28	3.36	0.54	762	6.97	3.74	0.54	801	6.97	3.74	0.54	879	10.61	5.68	0.54	1672	10.15	5.44	0.54	1758	9.76	5.23	0.54	1839	9.38	5.03	0.54	1923	8.85	4.74	0.54	2048	8.13	4.36	0.54	2175	7.52	4.03	0.54	2258	6.24	3.34	0.54	2344
	29	26	6.59	2.74	0.42	685	6.59	2.74	0.42	743	6.59	2.74	0.42	802	7.32	3.04	0.42	841	7.32	3.04	0.42	919	11.14	4.63	0.42	1704	10.66	4.43	0.42	1792	10.25	4.26	0.42	1875	9.85	4.10	0.42	1961	9.29	3.87	0.42	2088	8.53	3.55	0.42	2218	7.89	3.28	0.42	2302	6.55	2.72	0.42	2390
	30	18	5.31	4.66	0.88	526	5.31	4.66	0.88	584	5.31	4.66	0.88	643	5.90	5.17	0.88	682	5.90	5.17	0.88	760	8.98	7.87	0.88	1575	8.59	7.53	0.88	1656	8.26	7.24	0.88	1732	7.95	6.96	0.88	1812	7.50	6.57	0.88	1929	6.88	6.03	0.88	2049	6.37	5.58	0.88	2127	5.28	4.63	0.88	2208
	30	20	5.59	4.56	0.82	566	5.59	4.56	0.82	624	5.59	4.56	0.82	683	6.20	5.06	0.82	722	6.20	5.06	0.82	800	9.44	7.70	0.82	1607	9.03	7.37	0.82	1690	8.69	7.09	0.82	1768	8.35	6.81	0.82	1849	7.88	6.43	0.82	1969	7.23	5.90	0.82	2092	6.69	5.46	0.82	2171	5.55	4.53	0.82	2253
	30	22	5.92	4.12	0.70	605	5.92	4.12	0.70	663	5.92	4.12	0.70	722	6.58	4.58	0.70	761	6.58	4.58	0.70	839	10.01	6.96	0.70	1639	9.57	6.66	0.70	1724	9.21	6.41	0.70	1803	8.85	6.16	0.70	1886	8.35	5.81	0.70	2008	7.67	5.34	0.70	2133	7.09	4.94	0.70	2214	5.89	4.10	0.70	2298
	30	24	6.28	3.61	0.58	645	6.28	3.61	0.58	703	6.28	3.61	0.58	762	6.97	4.01	0.58	801	6.97	4.01	0.58	879	10.61	6.11	0.58	1672	10.15	5.85	0.58	1758	9.76	5.62	0.58	1839	9.38	5.40	0.58	1923	8.85	5.10	0.58	2048	8.13	4.68	0.58	2175	7.52	4.33	0.58	2258	6.24	3.59	0.58	2344
	30	26	6.59	3.00	0.46	685	6.59	3.00	0.46	743	6.59	3.00	0.46	802	7.32	3.34	0.46	841	7.32	3.34	0.46	919	11.14	5.08	0.46	1704	10.66	4.86	0.46	1792	10.25	4.67	0.46	1875	9.85	4.49	0.46	1961	9.29	4.24	0.46	2088	8.53	3.89	0.46	2218	7.89	3.60	0.46	2302	6.55	2.99	0.46	2390
	31	18	5.31	4.66	0.88	526	5.31	4.66	0.88	584	5.31	4.66	0.88	643	5.90	5.17	0.88	682	5.90	5.17	0.88	760	8.98	7.87	0.88	1575	8.59	7.53	0.88	1656	8.26	7.24	0.88	1732	7.95	6.96	0.88	1812	7.50	6.57	0.88	1929	6.88	6.03	0.88	2049	6.37	5.58	0.88	2127	5.28	4.63	0.88	2208
	31	20	5.59	4.78	0.86	566	5.59	4.78	0.86	624	5.59	4.78	0.86	683	6.20	5.31	0.86	722	6.20	5.31	0.86	800	9.44	8.08	0.86	1607	9.03	7.73	0.86	1690	8.69	7.43	0.86	1768	8.35	7.15	0.86	1849	7.88	6.74	0.86	1969	7.23	6.19	0.86	2092	6.69	5.73	0.86	2171	5.55	4.75	0.86	2253
	31	22	5.92	4.36	0.74	605	5.92	4.36	0.74	663	5.92	4.36	0.74	722	6.58	4.84	0.74	761	6.58	4.84	0.74	839	10.01	7.36	0.74	1639	9.57	7.05	0.74	1724	9.21	6.78	0.74	1803	8.85	6.51	0.74	1886	8.35	6.15	0.74	2008	7.67	5.64	0.74	2133	7.09	5.22	0.74	2214	5.89	4.33	0.74	2298
	31	24	6.28	3.87	0.62	645	6.28	3.87	0.62	703	6.28	3.87	0.62	762	6.97	4.29	0.62	801	6.97	4.29	0.62	879	10.61	6.53	0.62	1672	10.15	6.25	0.62	1758	9.76	6.01	0.62	1839	9.38	5.78	0.62	1923	8.85	5.45	0.62	2048	8.13	5.01	0.62	2175	7.52	4.63	0.62	2258	6.24	3.84	0.62	2344
	31	26	6.59	3.27	0.50	685	6.59	3.27	0.50	743	6.59	3.27	0.50	802	7.32	3.63	0.50	841	7.32	3.63	0.50	919	11.14	5.52	0.50	1704	10.66	5.28	0.50	1792	10.25	5.08	0.50	1875	9.85	4.89	0.50	1961	9.29	4.61	0.50	2088	8.53	4.23	0.50	2218	7.89	3.91	0.50	2302	6.55	3.25	0.50	2390
	32	18	5.31	4.66	0.88	526	5.31	4.66	0.88	584	5.31	4.66	0.88	643	5.90	5.17	0.88	682	5.90	5.17	0.88	760	8.98	7.87	0.88	1575	8.59	7.53	0.88	1656	8.26	7.24	0.88	1732	7.95	6.96	0.88	1812	7.50	6.57	0.88	1929	6.88	6.03	0.88	2049	6.37	5.58	0.88	2127	5.28	4.63	0.88	2208
	32	20	5.59	4.89	0.88	566	5.59	4.89	0.88	624	5.59	4.89	0.88	683	6.20	5.43	0.88	722	6.20	5.43	0.88	800	9.44	8.27	0.88	1607	9.03	7.91	0.88	1690	8.69	7.61	0.88	1768	8.35	7.32	0.88	1849	7.88	6.90	0.88	1969	7.23	6.34	0.88	2092	6.69	5.86	0.88	2171	5.55	4.86	0.88	2253
	32	22	5.92	4.59	0.78	605	5.92	4.59	0.78	663	5.92	4.59	0.78	722	6.58	5.10	0.78	761	6.58	5.10	0.78	839	10.01	7.76	0.78	1639	9.57	7.43	0.78	1724	9.21	7.14	0.78	1803	8.85	6.87	0.78	1886	8.35	6.48	0.78	2008	7.67	5.95	0.78	2133	7.09	5.50	0.78	2214	5.89	4.57	0.78	2298
	32	24	6.28	4.12	0.66	645	6.28	4.12	0.66	703	6.28	4.12	0.66	762	6.97	4.57	0.66	801	6.97	4.57	0.66	879	10.61	6.96	0.66	1672	10.15	6.66	0.66	1758	9.76	6.40	0.66	1839	9.38	6.15	0.66	1923	8.85	5.81	0.66	2048	8.13	5.33	0.66	2175	7.52	4.93	0.66	2258	6.24	4.09	0.66	2344
	32	26	6.59	3.53	0.54	685	6.59	3.53	0.54	743	6.59	3.53	0.54	802	7.32	3.92	0.54	841	7.32	3.92	0.54	919	11.14	5.97	0.54	1704	10.66	5.71	0.54	1792	10.25	5.49	0.54	1875	9.85	5.28	0.54	1961	9.29	4.98	0.54	2088	8.53	4.57	0.54	2218	7.89	4.23	0.54	2302	6.55	3.51	0.54	2390

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C): -15, -7, 0, 10

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15 Q	-15 SHC	-15 SHF	-15 IPT	-7 Q	-7 SHC	-7 SHF	-7 IPT	0 Q	0 SHC	0 SHF	0 IPT	10 Q	10 SHC	10 SHF	10 IPT
120%	21	18	5.16	3.09	0.60	500	5.16	3.09	0.60	556	5.16	3.09	0.60	611	5.73	3.43	0.60	648
	21	20	5.42	2.60	0.48	540	5.42	2.60	0.48	596	5.42	2.60	0.48	651	6.02	2.89	0.48	688
	22	18	5.16	3.30	0.64	500	5.16	3.30	0.64	556	5.16	3.30	0.64	611	5.73	3.66	0.64	648
	22	20	5.42	2.82	0.52	540	5.42	2.82	0.52	596	5.42	2.82	0.52	651	6.02	3.13	0.52	688
	22	22	5.75	2.30	0.40	579	5.75	2.30	0.40	635	5.75	2.30	0.40	690	6.39	2.55	0.40	727
	23	18	5.16	3.51	0.68	500	5.16	3.51	0.68	556	5.16	3.51	0.68	611	5.73	3.89	0.68	648
	23	20	5.42	3.03	0.56	540	5.42	3.03	0.56	596	5.42	3.03	0.56	651	6.02	3.37	0.56	688
	23	22	5.75	2.53	0.44	579	5.75	2.53	0.44	635	5.75	2.53	0.44	690	6.39	2.80	0.44	727
	24	18	5.16	3.71	0.72	500	5.16	3.71	0.72	556	5.16	3.71	0.72	611	5.73	4.12	0.72	648
	24	20	5.42	3.25	0.60	540	5.42	3.25	0.60	596	5.42	3.25	0.60	651	6.02	3.61	0.60	688
	24	22	5.75	2.76	0.48	579	5.75	2.76	0.48	635	5.75	2.76	0.48	690	6.39	3.06	0.48	727
	24	24	6.09	2.19	0.36	619	6.09	2.19	0.36	675	6.09	2.19	0.36	730	6.77	2.43	0.36	767
	25	18	5.16	3.92	0.76	500	5.16	3.92	0.76	556	5.16	3.92	0.76	611	5.73	4.35	0.76	648
	25	20	5.42	3.47	0.64	540	5.42	3.47	0.64	596	5.42	3.47	0.64	651	6.02	3.85	0.64	688
	25	22	5.75	2.99	0.52	579	5.75	2.99	0.52	635	5.75	2.99	0.52	690	6.39	3.32	0.52	727
	25	24	6.09	2.43	0.40	619	6.09	2.43	0.40	675	6.09	2.43	0.40	730	6.77	2.70	0.40	767
	26	18	5.16	4.12	0.80	500	5.16	4.12	0.80	556	5.16	4.12	0.80	611	5.73	4.58	0.80	648
	26	20	5.42	3.68	0.68	540	5.42	3.68	0.68	596	5.42	3.68	0.68	651	6.02	4.09	0.68	688
	26	22	5.75	3.22	0.56	579	5.75	3.22	0.56	635	5.75	3.22	0.56	690	6.39	3.57	0.56	727
	26	24	6.09	2.68	0.44	619	6.09	2.68	0.44	675	6.09	2.68	0.44	730	6.77	2.97	0.44	767
	26	26	6.40	2.04	0.32	659	6.40	2.04	0.32	715	6.40	2.04	0.32	770	7.11	2.27	0.32	807
	27	18	5.16	4.33	0.84	500	5.16	4.33	0.84	556	5.16	4.33	0.84	611	5.73	4.81	0.84	648
	27	19	5.27	4.10	0.78	520	5.27	4.10	0.78	576	5.27	4.10	0.78	631	5.85	4.56	0.78	668
	27	20	5.42	3.90	0.72	540	5.42	3.90	0.72	596	5.42	3.90	0.72	651	6.02	4.33	0.72	688
	27	22	5.75	3.45	0.60	579	5.75	3.45	0.60	635	5.75	3.45	0.60	690	6.39	3.83	0.60	727
	27	24	6.09	2.92	0.48	619	6.09	2.92	0.48	675	6.09	2.92	0.48	730	6.77	3.24	0.48	767
	27	26	6.40	2.30	0.36	659	6.40	2.30	0.36	715	6.40	2.30	0.36	770	7.11	2.55	0.36	807
	28	18	5.16	4.54	0.88	500	5.16	4.54	0.88	556	5.16	4.54	0.88	611	5.73	5.04	0.88	648
	28	20	5.42	4.12	0.76	540	5.42	4.12	0.76	596	5.42	4.12	0.76	651	6.02	4.57	0.76	688
	28	22	5.75	3.68	0.64	579	5.75	3.68	0.64	635	5.75	3.68	0.64	690	6.39	4.08	0.64	727
	28	24	6.09	3.16	0.52	619	6.09	3.16	0.52	675	6.09	3.16	0.52	730	6.77	3.51	0.52	767
	28	26	6.40	2.55	0.40	659	6.40	2.55	0.40	715	6.40	2.55	0.40	770	7.11	2.84	0.40	807
	29	18	5.16	4.64	0.90	500	5.16	4.64	0.90	556	5.16	4.64	0.90	611	5.73	5.15	0.90	648
	29	20	5.42	4.33	0.80	540	5.42	4.33	0.80	596	5.42	4.33	0.80	651	6.02	4.81	0.80	688
	29	22	5.75	3.91	0.68	579	5.75	3.91	0.68	635	5.75	3.91	0.68	690	6.39	4.34	0.68	727
	29	24	6.09	3.41	0.56	619	6.09	3.41	0.56	675	6.09	3.41	0.56	730	6.77	3.79	0.56	767
	29	26	6.40	2.81	0.44	659	6.40	2.81	0.44	715	6.40	2.81	0.44	770	7.11	3.12	0.44	807
	30	18	5.16	4.64	0.90	500	5.16	4.64	0.90	556	5.16	4.64	0.90	611	5.73	5.15	0.90	648
	30	20	5.42	4.55	0.84	540	5.42	4.55	0.84	596	5.42	4.55	0.84	651	6.02	5.06	0.84	688
	30	22	5.75	4.13	0.72	579	5.75	4.13	0.72	635	5.75	4.13	0.72	690	6.39	4.59	0.72	727
	30	24	6.09	3.65	0.60	619	6.09	3.65	0.60	675	6.09	3.65	0.60	730	6.77	4.06	0.60	767
	30	26	6.40	3.07	0.48	659	6.40	3.07	0.48	715	6.40	3.07	0.48	770	7.11	3.41	0.48	807
	31	18	5.16	4.64	0.90	500	5.16	4.64	0.90	556	5.16	4.64	0.90	611	5.73	5.15	0.90	648
	31	20	5.42	4.77	0.88	540	5.42	4.77	0.88	596	5.42	4.77	0.88	651	6.02	5.30	0.88	688
	31	22	5.75	4.36	0.76	579	5.75	4.36	0.76	635	5.75	4.36	0.76	690	6.39	4.85	0.76	727
	31	24	6.09	3.90	0.64	619	6.09	3.90	0.64	675	6.09	3.90	0.64	730	6.77	4.33	0.64	767
	31	26	6.40	3.32	0.52	659	6.40	3.32	0.52	715	6.40	3.32	0.52	770	7.11	3.69	0.52	807
	32	18	5.16	4.64	0.90	500	5.16	4.64	0.90	556	5.16	4.64	0.90	611	5.73	5.15	0.90	648
	32	20	5.42	4.88	0.90	540	5.42	4.88	0.90	596	5.42	4.88	0.90	651	6.02	5.42	0.90	688
	32	22	5.75	4.59	0.80	579	5.75	4.59	0.80	635	5.75	4.59	0.80	690	6.39	5.10	0.80	727
	32	24	6.09	4.14	0.68	619	6.09	4.14	0.68	675	6.09	4.14	0.68	730	6.77	4.60	0.68	767
	32	26	6.40	3.58	0.56	659	6.40	3.58	0.56	715	6.40	3.58	0.56	770	7.11	3.97	0.56	807

OUTDOOR DB (°C): 15, 21, 25, 27

IDDB (°C)	ID WB (°C)	15 Q	15 SHC	15 SHF	15 IPT	21 Q	21 SHC	21 SHF	21 IPT	25 Q	25 SHC	25 SHF	25 IPT	27 Q	27 SHC	27 SHF	27 IPT
21	18	5.73	3.43	0.60	723	8.72	5.23	0.60	1499	8.34	5.00	0.60	1576	8.02	4.81	0.60	1649
21	20	6.02	2.89	0.48	763	9.16	4.39	0.48	1532	8.77	4.20	0.48	1610	8.43	4.04	0.48	1685
22	18	5.73	3.66	0.64	723	8.72	5.57	0.64	1499	8.34	5.33	0.64	1576	8.02	5.13	0.64	1649
22	20	6.02	3.13	0.52	763	9.16	4.76	0.52	1532	8.77	4.55	0.52	1610	8.43	4.38	0.52	1685
22	22	6.39	2.55	0.40	802	9.71	3.88	0.40	1563	9.30	3.71	0.40	1644	8.94	3.57	0.40	1720
23	18	5.73	3.89	0.68	723	8.72	5.92	0.68	1499	8.34	5.67	0.68	1576	8.02	5.45	0.68	1649
23	20	6.02	3.37	0.56	763	9.16	5.13	0.56	1532	8.77	4.90	0.56	1610	8.43	4.72	0.56	1685
23	22	6.39	2.80	0.44	802	9.71	4.27	0.44	1563	9.30	4.08	0.44	1644	8.94	3.93	0.44	1720
24	18	5.73	4.12	0.72	723	8.72	6.27	0.72	1499	8.34	6.00	0.72	1576	8.02	5.77	0.72	1649
24	20	6.02	3.61	0.60	763	9.16	5.49	0.60	1532	8.77	5.26	0.60	1610	8.43	5.05	0.60	1685
24	22	6.39	3.06	0.48	802	9.71	4.66	0.48	1563	9.30	4.46	0.48	1644	8.94	4.28	0.48	1720
24	24	6.77	2.43	0.36	842	10.30	3.70	0.36	1596	9.85	3.54	0.36	1678	9.47	3.40	0.36	1755
25	18	5.73	4.35	0.76	723	8.72	6.62	0.76	1499	8.34	6.34	0.76	1576	8.02	6.09	0.76	1649
25	20	6.02	3.85	0.64	763	9.16	5.86	0.64	1532	8.77	5.61	0.64	1610	8.43	5.39	0.64	1685
25	22	6.39	3.32	0.52	802	9.71	5.04	0.52	1563	9.30	4.83	0.52	1644	8.94	4.64	0.52	1720
25	24	6.77	2.70	0.40	842	10.30	4.11	0.40	1596	9.85	3.93	0.40	1678	9.47	3.78	0.40	1755
26	18	5.73	4.58	0.80	723	8.72	6.97	0.80	1499	8.34	6.67	0.80	1576	8.02	6.41	0.80	1649
26	20	6.02	4.09	0.68	763	9.16	6.23	0.68	1532	8.77	5.96	0.68	1610	8.43	5.73	0.68	1685
26	22	6.39	3.57	0.56	802	9.71	5.43	0.56	1563	9.30	5.20	0.56	1644	8.94	5.00	0.56	1720
26	24	6.77	2.97	0.44	842	10.30	4.52	0.44	1596	9.85	4.33	0.44	1678	9.47	4.16	0.44	1755
26	26	7.11	2.27	0.32	882	10.81	3.45	0.32	1629	10.35	3.30	0.32	1713	9.95	3.18	0.32	1791
27	18	5.73	4.81	0.84	723	8.72	7.32	0.84	1499	8.34	7.00	0.84	1576	8.02	6.73	0.84	1649
27	19	5.85	4.56	0.78	743	8.90	6.93	0.78	1515	8.51	6.64	0.78	1593	8.19	6.38	0.78	1667
27	20	6.02	4.33	0.72	763	9.16	6.59	0.72	1532	8.77	6.31	0.72	1610	8.43	6.07	0.72	1685
27	22	6.39	3.83	0.60	802	9.71	5.82	0.60	1563	9.30	5.57	0.60	1644	8.94	5.36	0.60	1720
27	24	6.77	3.24	0.48	842	10.30	4.94	0.48	1596	9.85	4.72	0.48	1678	9.47	4.54	0.48	1755
27	26	7.11	2.55	0.36	882	10.81	3.88	0.36	1629	10.35	3.72	0.36	1713	9.95	3.57	0.36	1791
28	18	5.73	5.04	0.88	723	8.72	7.67	0.88	1499	8.34	7.34	0.88	1576	8.02	7.05	0.88	1649
28	20	6.02	4.57	0.76	763	9.16	6.96	0.76	1532	8.77	6.66	0.76	1610	8.43	6.40	0.76	1685
28	22	6.39	4.08	0.64	802	9.71	6.21	0.64	1563	9.30	5.94	0.64	1644	8.94	5.71	0.64	1720
28	24	6.77	3.51	0.52	842	10.30	5.35	0.52	1596	9.85	5.12	0.52	1678	9.47	4.92	0.52	1755
28	26	7.11	2.84	0.40	882	10.81	4.32	0.40	1629	10.35	4.13	0.40	1713	9.95	3.97	0.40	1791
29	18	5.73	5.15	0.90	723	8.72	7.84	0.90	1499	8.34	7.50	0.90	1576	8.02	7.22	0.90	1649
29	20	6.02	4.81	0.80	763	9.16	7.32	0.80	1532	8.77	7.01	0.80	1610	8.43	6.74	0.80	1685
29	22	6.39	4.34	0.68	802	9.71	6.60	0.68	1563	9.30	6.31	0.68	1644	8.94	6.07	0.68	1720
29	24	6.77	3.79	0.56	842	10.30	5.76	0.56	1596	9.85	5.51	0.56	1678	9.47	5.30	0.56	1755
29	26	7.11	3.12	0.44	882	10.81	4.75	0.44	1629	10.35	4.55	0.44	1713	9.95	4.37	0.44	1791
30	18	5.73	5.15	0.90	723	8.72	7.84	0.90	1499	8.34	7.50	0.90	1576	8.02	7.22	0.90	1649
30	20	6.02	5.06	0.84	763	9.16	7.69	0.84	1532	8.77	7.36	0.84	1610	8.43	7.08	0.84	1685
30	22	6.39	4.59	0.72	802	9.71	6.99	0.72	1563	9.30	6.69	0.72	1644	8.94	6.43	0.72	1720
30	24	6.77	4.06	0.60	842	10.30	6.17	0.60	1596	9.85	5.91	0.60	1678	9.47	5.68	0.60	1755
30	26	7.11	3.41	0.48	882	10.81	5.18	0.48	1629	10.35	4.96	0.48	1713	9.95	4.77	0.48	1791
31	18	5.73	5.15	0.90	723	8.72	7.84	0.90	1499	8.34	7.50	0.90	1576	8.02	7.22	0.90	1649
31	20	6.02	5.30	0.88	763	9.16	8.06	0.88	1532	8.77	7.71	0.88	1610	8.43	7.41	0.88	1685
31	22	6.39	4.85	0.76	802	9.71	7.38	0.76	1563	9.30	7.06	0.76	1644	8.94	6.79	0.76	1720
31	24	6.77	4.33	0.64	842	10.30	6.58	0.64	1596	9.85	6.30	0.64	1678	9.47	6.06	0.64	1755
31	26	7.11	3.69	0.52	882	10.81	5.61	0.52	1629	10.35	5.37	0.52	1713	9.95	5.17	0.52	1791
32	18	5.73	5.15	0.90	723	8.72	7.84	0.90	1499	8.34	7.50	0.90	1576	8.02	7.22	0.90	1649
32	20	6.02	5.42	0.90	763	9.16	8.24	0.90	1532	8.77	7.89	0.90	1610	8.43	7.58	0.90	1685
32	22	6.39	5.10	0.80	802	9.71	7.76	0.80	1563	9.30	7.43	0.80	1644	8.94	7.14	0.80	1720
32	24	6.77	4.60	0.68	842	10.30	6.99	0.68	1596	9.85	6.69	0.68	1678	9.47	6.44	0.68	1755
32	26	7.11	3.97	0.56	882	10.81	6.05	0.56	1629	10.35	5.79	0.56	1713	9.95	5.56	0.56	1791

OUTDOOR DB (°C): 30, 35, 40, 45, 50

IDDB (°C)	ID WB (°C)	30 Q	30 SHC	30 SHF	30 IPT	35 Q	35 SHC	35 SHF	35 IPT	40 Q	40 SHC	40 SHF	40 IPT	45 Q	45 SHC	45 SHF	45 IPT	50 Q	50 SHC	50 SHF	50 IPT
21	18	7.71	4.62	0.60	1725	7.28	4.36	0.60	1837	6.68	4.00	0.60	1950	6.18	3.70	0.60	2025	5.13	3.07	0.60	2101
21	20	8.11	3.89	0.48	1762	7.65	3.67	0.48	1877	7.02	3.37	0.48	1993	6.50	3.11	0.48	2069	5.39	2.58	0.48	2147
22	18	7.71	4.93	0.64	1725	7.28	4.65	0.64	1837	6.68	4.27	0.64	1950	6.18	3.95	0.64	2025	5.13	3.28	0.64	2101
22	20	8.11	4.21	0.52	1762	7.65	3.97	0.52	1877	7.02	3.65	0.52	1993	6.50	3.37	0.52	2069	5.39	2.80	0.52	2147
22	22	8.59	3.43	0.40	1799	8.11	3.24	0.40	1916	7.44	2.97	0.40	2034	6.88	2.75	0.40	2112	5.71	2.28	0.40	2192
23	18	7.71	5.24	0.68	1725	7.28	4.94	0.68	1837	6.68	4.54	0.68	1950	6.18	4.20	0.68	2025	5.13	3.48	0.68	2101
23	20	8.11	4.53	0.56	1762	7.65	4.28	0.56	1877	7.02	3.93	0.56	1993	6.50	3.63	0.56	2069	5.39	3.02	0.56	2147
23	22	8.59	3.78	0.44	1799	8.11	3.56	0.44	1916	7.44	3.27	0.44	2034	6.88	3.02	0.44	2112	5.71	2.51	0.44	2192
24	18	7.71	5.55	0.72	1725	7.28	5.23	0.72	1837	6.68	4.81	0.72	1950	6.18	4.45	0.72	2025	5.13	3.69	0.72	2101
24	20	8.11	4.86	0.60	1762	7.65	4.58	0.60	1877	7.02	4.21	0.60	1993	6.50	3.89	0.60	2069	5.39	3.23	0.60	2147
24	22	8.59	4.12	0.48	1799	8.11	3.89	0.48	1916	7.44	3.57	0.48	2034	6.88	3.30	0.48	2112	5.71	2.74	0.48	2192
24	24	9.11	3.27	0.36	1836	8.59	3.09	0.36	1956	7.89	2.83	0.36	2077	7.30	2.62	0.36	2156	6.06	2.18	0.36	2238
25	18	7.71	5.86	0.76	1725	7.28	5.53	0.76	1837	6.68	5.07	0.76	1950	6.18	4.69	0.76	2025	5.13	3.89	0.76	2101
25	20	8.11	5.18	0.64	1762	7.65	4.89	0.64	1877	7.02	4.49	0.64	1993	6.50	4.15	0.64	2069	5.39	3.45	0.64	2147
25	22	8.59	4.46	0.52	1799	8.11	4.21	0.52	1916	7.44	3.87	0.52	2034	6.88	3.58	0.52	2112	5.71	2.97	0.52	2192
25	24	9.11	3.64	0.40	1836	8.59	3.43	0.40	1956	7.89	3.15	0.40	2077	7.30	2.91	0.40	2156	6.06	2.42	0.40	2238
26	18	7.71	6.17	0.80	1725	7.28	5.82	0.80	1837	6.68	5.34	0.80	1950	6.18	4.94	0.80	2025	5.13	4.10	0.80	2101
26	20	8.11	5.51	0.68	1762	7.65	5.20	0.68	1877	7.02	4.77	0.68	1993	6.50	4.41	0.68	2069	5.39	3.66	0.68	2147
26	22	8.59	4.81	0.56	1799	8.11	4.53	0.56	1916	7.44	4.16	0.56	2034	6.88	3.85	0.56	2112	5.71	3.20	0.56	2192
26	24	9.11	4.00	0.44	1836	8.59	3.78	0.44	1956	7.89	3.47	0.44	2077	7.30	3.21	0.44	2156	6.06	2.66	0.44	2238
26	26	9.57	3.05	0.32	1874	9.02	2.88	0.32	1996	8.28	2.65	0.32	2119	7.66	2.45	0.32	2200	6.36	2.03	0.32	2283
27	18	7.71	6.47	0.84	1725	7.28	6.11	0.84	1837	6.68	5.61	0.84	1950	6.18	5.19	0.84	2025	5.13	4.31	0.84	2101
27	19	7.87	6.13	0.78	1743	7.43	5.79	0.78	1857	6.82	5.31	0.78	1972	6.31	4.91	0.78	2047	5.23	4.08	0.78	2124
27	20	8.11	5.83	0.72	1762	7.65	5.50	0.72	1877	7.02	5.05	0.72	1993	6.50	4.67	0.72	2069	5.39	3.88	0.72	2147
27	22	8.59	5.15	0.60	1799	8.11	4.86	0.60	1916	7.44	4.46	0.60	2034	6.88	4.13	0.60	2112	5.71	3.42	0.60	2192
27	24	9.11	4.37	0.48	1836	8.59	4.12	0.48	1956	7.89	3.78	0.48	2077	7.30	3.50	0.48	2156	6.06	2.90	0.48	2238
27	26	9.57	3.44	0.36	1874	9.02	3.24	0.36	1996	8.28	2.98	0.36	2119	7.66	2.75	0.36	2200	6.36	2.29	0.36	2283
28	18	7.71	6.78	0.88	1725	7.28	6.40	0.88	1837	6.68	5.87	0.88	1950	6.18	5.43	0.88	2025	5.13	4.51	0.88	2101
28	20	8.11	6.16	0.76	1762	7.65	5.81	0.76	1877	7.02	5.33	0.76	1993	6.50	4.93	0.76	2069	5.39	4.09	0.76	2147
28	22	8.59	5.49	0.64	1799	8.11	5.18	0.64	1916	7.44	4.76	0.64	2034	6.88	4.40	0.64	2112	5.71	3.65	0.64	2192
28	24	9.11	4.73	0.52	1836	8.59	4.46	0.52	1956	7.89	4.10	0.52	2077	7.30	3.79	0.52	2156	6.06	3.15	0.52	2238
28	26	9.57	3.82	0.40	1874	9.02	3.60	0.40	1996	8.28	3.31	0.40	2119	7.66	3.06	0.40	2200	6.36	2.54	0.40	2283
29	18	7.71	6.94	0.90	1725	7.28	6.54	0.90	1837	6.68	6.01	0.90	1950	6.18	5.56	0.90	2025	5.13	4.61	0.90	2101
29	20	8.11	6.48	0.80	1762	7.65	6.11	0.80	1877	7.02	5.61	0.80	1993	6.50	5.19	0.80	2069	5.39	4.31	0.80	2147
29	22	8.59	5.84	0.68	1799	8.11	5.51	0.68	1916	7.44	5.06	0.68	2034	6.88	4.68	0.68	2112	5.71	3.88	0.68	2192
29	24	9.11	5.10	0.56	1836	8.59	4.81	0.56	1956	7.89	4.41	0.56	2077	7.30	4.08	0.56	2156	6.06	3.39	0.56	2238
29	26	9.57	4.20	0.44	1874	9.02	3.96	0.44	1996	8.28	3.64	0.44	2119	7.66	3.37	0.44	2200	6.36	2.79	0.44	2283
30	18	7.71	6.94	0.90	1725	7.28	6.54	0.90	1837	6.68	6.01	0.90	1950	6.18	5.56	0.90	2025	5.13	4.61	0.90	2101
30	20	8.11	6.81	0.84	1762	7.65	6.42	0.84	1877	7.02	5.89	0.84	1993	6.50	5.45	0.84	2069	5.39	4.52	0.84	2147
30	22	8.59	6.18	0.72	1799	8.11	5.83	0.72	1916	7.44	5.35	0.72	2034	6.88	4.95	0.72	2112	5.71	4.11	0.72	2192
30	24	9.11	5.46	0.60	1836	8.59	5.15	0.60	1956	7.89	4.73	0.60	2077	7.30	4.37	0.60	2156	6.06	3.63	0.60	2238
30	26	9.57	4.58	0.48	1874	9.02	4.33	0.48	1996	8.28	3.97	0.48	2119	7.66	3.67	0.48	2200	6.36	3.05	0.48	2283
31	18	7.71	6.94	0.90	1725	7.28	6.54	0.90	1837	6.68	6.01	0.90	1950	6.18	5.56	0.90	2025	5.13	4.61	0.90	2101
31	20	8.11	7.13	0.88	1762	7.65	6.73	0.88	1877	7.02	6.17	0.88	1993	6.50	5.71	0.88	2069	5.39	4.74	0.88	2147
31	22	8.59	6.53	0.76	1799	8.11	6.16	0.76	1916	7.44	5.65	0.76	2034	6.88	5.23	0.76	2112	5.71	4.34	0.76	2192
31	24	9.11	5.82	0.64	1836	8.59	5.49	0.64	1956	7.89	5.04	0.64	2077	7.30	4.67	0.64	2156	6.06	3.87	0.64	2238
31	26	9.57	4.97	0.52	1874	9.02	4.69	0.52	1996	8.28	4.30	0.52	2119	7.66	3.98	0.52	2200	6.36	3.30	0.52	2283
32	18	7.71	6.94	0.90	1725	7.28	6.54	0.90	1837	6.68	6.01	0.90	1950	6.18	5.56	0.90	2025	5.13	4.61	0.90	2101
32	20	8.11	7.29	0.90	1762	7.65	6.88	0.90	1877	7.02	6.31	0.90	1993	6.50	5.84	0.90	2069	5.39	4.85	0.90	2147
32	22	8.59	6.87	0.80	1799	8.11	6.48	0.80	1916	7.44	5.95	0.80	2034	6.88	5.50	0.80	2112	5.71	4.57	0.80	2192
32	24	9.11	6.19	0.68	1836	8.59	5.84	0.68	1956	7.89	5.36	0.68	2077	7.30	4.96	0.68	2156	6.06	4.11	0.68	2238
32	26	9.57	5.35	0.56	1874	9.02	5.05	0.56	1996	8.28	4.63	0.56	2119	7.66	4.29	0.56	2200	6.36	3.56	0.56	2283

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA – OUTDOOR DB (°C) -15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
110%	21	18	5.01	3.12	0.62	485	5.01	3.12	0.62	539	5.01	3.12	0.62	593	5.56	3.47	0.62	629	5.56	3.47	0.62	701	8.47	5.28	0.62	1455	8.10	5.05	0.62	1530	7.79	4.86	0.62	1600	7.49	4.67	0.62	1674	7.07	4.40	0.62	1783	6.49	4.04	0.62	1893	6.00	3.74	0.62	1965	4.98	3.10	0.62	2040
	21	20	5.27	2.65	0.50	525	5.27	2.65	0.50	579	5.27	2.65	0.50	633	5.85	2.94	0.50	669	5.85	2.94	0.50	741	8.90	4.48	0.50	1487	8.51	4.29	0.50	1564	8.19	4.12	0.50	1636	7.87	3.96	0.50	1711	7.43	3.74	0.50	1823	6.82	3.43	0.50	1935	6.31	3.17	0.50	2009	5.23	2.63	0.50	2085
	22	18	5.01	3.32	0.66	485	5.01	3.32	0.66	539	5.01	3.32	0.66	593	5.56	3.69	0.66	629	5.56	3.69	0.66	701	8.47	5.62	0.66	1455	8.10	5.37	0.66	1530	7.79	5.17	0.66	1600	7.49	4.97	0.66	1674	7.07	4.69	0.66	1783	6.49	4.30	0.66	1893	6.00	3.98	0.66	1965	4.98	3.30	0.66	2040
	22	20	5.27	2.86	0.54	525	5.27	2.86	0.54	579	5.27	2.86	0.54	633	5.85	3.18	0.54	669	5.85	3.18	0.54	741	8.90	4.83	0.54	1487	8.51	4.63	0.54	1564	8.19	4.45	0.54	1636	7.87	4.28	0.54	1711	7.43	4.04	0.54	1823	6.82	3.70	0.54	1935	6.31	3.43	0.54	2009	5.23	2.84	0.54	2085
	22	22	5.58	2.36	0.42	564	5.58	2.36	0.42	618	5.58	2.36	0.42	672	6.20	2.62	0.42	708	6.20	2.62	0.42	780	9.43	3.99	0.42	1519	9.03	3.82	0.42	1598	8.68	3.67	0.42	1671	8.34	3.53	0.42	1748	7.87	3.33	0.42	1862	7.23	3.06	0.42	1977	6.68	2.83	0.42	2052	5.55	2.35	0.42	2130
	23	18	5.01	3.52	0.70	485	5.01	3.52	0.70	539	5.01	3.52	0.70	593	5.56	3.91	0.70	629	5.56	3.91	0.70	701	8.47	5.95	0.70	1455	8.10	5.70	0.70	1530	7.79	5.48	0.70	1600	7.49	5.27	0.70	1674	7.07	4.97	0.70	1783	6.49	4.56	0.70	1893	6.00	4.22	0.70	1965	4.98	3.50	0.70	2040
	23	20	5.27	3.07	0.58	525	5.27	3.07	0.58	579	5.27	3.07	0.58	633	5.85	3.41	0.58	669	5.85	3.41	0.58	741	8.90	5.19	0.58	1487	8.51	4.97	0.58	1564	8.19	4.78	0.58	1636	7.87	4.59	0.58	1711	7.43	4.33	0.58	1823	6.82	3.98	0.58	1935	6.31	3.68	0.58	2009	5.23	3.05	0.58	2085
	23	22	5.58	2.59	0.46	564	5.58	2.59	0.46	618	5.58	2.59	0.46	672	6.20	2.87	0.46	708	6.20	2.87	0.46	780	9.43	4.37	0.46	1519	9.03	4.18	0.46	1598	8.68	4.02	0.46	1671	8.34	3.87	0.46	1748	7.87	3.65	0.46	1862	7.23	3.35	0.46	1977	6.68	3.10	0.46	2052	5.55	2.57	0.46	2130
	24	18	5.01	3.72	0.74	485	5.01	3.72	0.74	539	5.01	3.72	0.74	593	5.56	4.14	0.74	629	5.56	4.14	0.74	701	8.47	6.29	0.74	1455	8.10	6.02	0.74	1530	7.79	5.79	0.74	1600	7.49	5.57	0.74	1674	7.07	5.25	0.74	1783	6.49	4.82	0.74	1893	6.00	4.46	0.74	1965	4.98	3.70	0.74	2040
	24	20	5.27	3.28	0.62	525	5.27	3.28	0.62	579	5.27	3.28	0.62	633	5.85	3.65	0.62	669	5.85	3.65	0.62	741	8.90	5.55	0.62	1487	8.51	5.31	0.62	1564	8.19	5.10	0.62	1636	7.87	4.91	0.62	1711	7.43	4.63	0.62	1823	6.82	4.25	0.62	1935	6.31	3.93	0.62	2009	5.23	3.26	0.62	2085
	24	22	5.58	2.81	0.50	564	5.58	2.81	0.50	618	5.58	2.81	0.50	672	6.20	3.12	0.50	708	6.20	3.12	0.50	780	9.43	4.75	0.50	1519	9.03	4.54	0.50	1598	8.68	4.37	0.50	1671	8.34	4.20	0.50	1748	7.87	3.96	0.50	1862	7.23	3.64	0.50	1977	6.68	3.36	0.50	2052	5.55	2.79	0.50	2130
	24	24	5.92	2.27	0.38	604	5.92	2.27	0.38	658	5.92	2.27	0.38	712	6.57	2.52	0.38	748	6.57	2.52	0.38	820	10.00	3.83	0.38	1552	9.57	3.67	0.38	1632	9.20	3.53	0.38	1707	8.84	3.39	0.38	1786	8.34	3.20	0.38	1902	7.66	2.94	0.38	2019	7.09	2.72	0.38	2096	5.88	2.25	0.38	2176
	25	18	5.01	3.92	0.78	485	5.01	3.92	0.78	539	5.01	3.92	0.78	593	5.56	4.36	0.78	629	5.56	4.36	0.78	701	8.47	6.63	0.78	1455	8.10	6.35	0.78	1530	7.79	6.10	0.78	1600	7.49	5.87	0.78	1674	7.07	5.54	0.78	1783	6.49	5.08	0.78	1893	6.00	4.70	0.78	1965	4.98	3.90	0.78	2040
	25	20	5.27	3.49	0.66	525	5.27	3.49	0.66	579	5.27	3.49	0.66	633	5.85	3.88	0.66	669	5.85	3.88	0.66	741	8.90	5.90	0.66	1487	8.51	5.65	0.66	1564	8.19	5.43	0.66	1636	7.87	5.22	0.66	1711	7.43	4.93	0.66	1823	6.82	4.52	0.66	1935	6.31	4.18	0.66	2009	5.23	3.47	0.66	2085
	25	22	5.58	3.03	0.54	564	5.58	3.03	0.54	618	5.58	3.03	0.54	672	6.20	3.37	0.54	708	6.20	3.37	0.54	780	9.43	5.12	0.54	1519	9.03	4.90	0.54	1598	8.68	4.72	0.54	1671	8.34	4.53	0.54	1748	7.87	4.28	0.54	1862	7.23	3.93	0.54	1977	6.68	3.63	0.54	2052	5.55	3.01	0.54	2130
	25	24	5.92	2.50	0.42	604	5.92	2.50	0.42	658	5.92	2.50	0.42	712	6.57	2.78	0.42	748	6.57	2.78	0.42	820	10.00	4.23	0.42	1552	9.57	4.05	0.42	1632	9.20	3.89	0.42	1707	8.84	3.74	0.42	1786	8.34	3.53	0.42	1902	7.66	3.24	0.42	2019	7.09	3.00	0.42	2096	5.88	2.49	0.42	2176
	26	18	5.01	4.12	0.82	485	5.01	4.12	0.82	539	5.01	4.12	0.82	593	5.56	4.58	0.82	629	5.56	4.58	0.82	701	8.47	6.97	0.82	1455	8.10	6.67	0.82	1530	7.79	6.41	0.82	1600	7.49	6.17	0.82	1674	7.07	5.82	0.82	1783	6.49	5.34	0.82	1893	6.00	4.94	0.82	1965	4.98	4.10	0.82	2040
	26	20	5.27	3.70	0.70	525	5.27	3.70	0.70	579	5.27	3.70	0.70	633	5.85	4.11	0.70	669	5.85	4.11	0.70	741	8.90	6.26	0.70	1487	8.51	5.99	0.70	1564	8.19	5.76	0.70	1636	7.87	5.54	0.70	1711	7.43	5.22	0.70	1823	6.82	4.80	0.70	1935	6.31	4.44	0.70	2009	5.23	3.68	0.70	2085
	26	22	5.58	3.26	0.58	564	5.58	3.26	0.58	618	5.58	3.26	0.58	672	6.20	3.62	0.58	708	6.20	3.62	0.58	780	9.43	5.50	0.58	1519	9.03	5.27	0.58	1598	8.68	5.06	0.58	1671	8.34	4.87	0.58	1748	7.87	4.59	0.58	1862	7.23	4.22	0.58	1977	6.68	3.90	0.58	2052	5.55	3.24	0.58	2130
	26	24	5.92	2.74	0.46	604	5.92	2.74	0.46	658	5.92	2.74	0.46	712	6.57	3.05	0.46	748	6.57	3.05	0.46	820	10.00	4.63	0.46	1552	9.57	4.43	0.46	1632	9.20	4.26	0.46	1707	8.84	4.10	0.46	1786	8.34	3.87	0.46	1902	7.66	3.55	0.46	2019	7.09	3.28	0.46	2096	5.88	2.73	0.46	2176
	26	26	6.21	2.13	0.34	644	6.21	2.13	0.34	698	6.21	2.13	0.34	752	6.90	2.37	0.34	788	6.90	2.37	0.34	860	10.50	3.60	0.34	1585	10.04	3.45	0.34	1666	9.66	3.32	0.34	1743	9.29	3.19	0.34	1823	8.76	3.01	0.34	1942	8.04	2.76	0.34	2062	7.44	2.55	0.34	2140	6.17	2.12	0.34	2222
	27	18	5.01	4.33	0.86	485	5.01	4.33	0.86	539	5.01	4.33	0.86	593	5.56	4.80	0.86	629	5.56	4.80	0.86	701	8.47	7.31	0.86	1455	8.10	6.99	0.86	1530	7.79	6.73	0.86	1600	7.49	6.47	0.86	1674	7.07	6.10	0.86	1783	6.49	5.60	0.86	1893	6.00	5.18	0.86	1965	4.98	4.30	0.86	2040
	27	19	5.11	4.11	0.80	505	5.11	4.11	0.80	559	5.11	4.11	0.80	613	5.68	4.56	0.80	649	5.68	4.56	0.80	721	8.64	6.94	0.80	1471	8.27	6.64	0.80	1547	7.95	6.39	0.80	1618	7.64	6.14	0.80	1693	7.21	5.79	0.80	1803	6.62	5.32	0.80	1914	6.12	4.92	0.80	1987	5.08	4.08	0.80	2063
	27	20	5.27	3.91	0.74	525	5.27	3.91	0.74	579	5.27	3.91	0.74	633	5.85	4.35	0.74	669	5.85	4.35	0.74	741	8.90	6.61	0.74	1487	8.51	6.33	0.74	1564	8.19	6.09	0.74	1636	7.87	5.85	0.74	1711	7.43	5.52	0.74	1823	6.82	5.07	0.74	1935	6.31	4.69	0.74	2009	5.23	3.89	0.74	2085
	27	22	5.58	3.48	0.62	564	5.58	3.48	0.62	618	5.58	3.48	0.62	672	6.20	3.86	0.62	708	6.20	3.86	0.62	780	9.43	5.88	0.62	1519	9.03	5.63	0.62	1598	8.68	5.41	0.62	1671	8.34	5.20	0.62	1748	7.87	4.91	0.62	1862	7.23	4.50	0.62	1977	6.68	4.17	0.62	2052	5.55	3.46	0.62	2130
	27	24	5.92	2.98	0.50	604	5.92	2.98	0.50	658	5.92	2.98	0.50	712	6.57	3.31	0.50	748	6.57	3.31	0.50	820	10.00	5.03	0.50	1552	9.57	4.82	0.50	1632	9.20	4.63	0.50	1707	8.84	4.45	0.50	1786	8.34	4.20	0.50	1902	7.66	3.86	0.50	2019	7.09	3.57	0.50	2096	5.88	2.96	0.50	2176
	27	26	6.21	2.38	0.38	644	6.21	2.38	0.38	698	6.21	2.38	0.38	752	6.90	2.65	0.38	788	6.90	2.65	0.38	860	10.50	4.02	0.38	1585	10.04	3.85	0.38	1666	9.66	3.70	0.38	1743	9.29	3.56	0.38	1823	8.76	3.36	0.38	1942	8.04	3.08	0.38	2062	7.44	2.85	0.38	2140	6.17	2.37	0.38	2222
	28	18	5.01	4.53	0.90	485	5.01	4.53	0.90	539	5.01	4.53	0.90	593	5.56	5.03	0.90	629	5.56	5.03	0.90	701	8.47	7.65	0.90	1455	8.10	7.32	0.90	1530	7.79	7.04	0.90	1600	7.49	6.77	0.90	1674	7.07	6.38	0.90	1783	6.49	5.86	0.90	1893	6.00	5.42	0.90	1965	4.98	4.50	0.90	2040
	28	20	5.27	4.12	0.78	525	5.27	4.12	0.78	579	5.27	4.12	0.78	633	5.85	4.58	0.78	669	5.85	4.58	0.78	741	8.90	6.97	0.78	1487	8.51	6.67	0.78	1564	8.19	6.41	0.78	1636	7.87	6.17	0.78	1711	7.43	5.82	0.78	1823	6.82	5.34	0.78	1935	6.31	4.94	0.78	2009	5.23	4.10	0.78	2085
	28	22	5.58	3.70	0.66	564	5.58	3.70	0.66	618	5.58	3.70	0.66	672	6.20	4.11	0.66	708	6.20	4.11	0.66	780	9.43	6.26	0.66	1519	9.03	5.99	0.66	1598	8.68	5.76	0.66	1671	8.34	5.54	0.66	1748	7.87	5.22	0.66	1862	7.23	4.79	0.66	1977	6.68	4.43	0.66	2052	5.55	3.68	0.66	2130
	28	24	5.92	3.21	0.54	604	5.92	3.21	0.54	658	5.92	3.21	0.54	712	6.57	3.57	0.54	748	6.57	3.57	0.54	820	10.00	5.43	0.54	1552	9.57	5.20	0.54	1632	9.20	5.00	0.54	1707	8.84	4.81	0.54	1786	8.34	4.53	0.54	1902	7.66	4.16	0.54	2019	7.09	3.85	0.54	2096	5.88	3.20	0.54	2176
	28	26	6.21	2.63	0.42	644	6.21	2.63	0.42	698	6.21	2.63	0.42	752	6.90	2.92	0.42	788	6.90	2.92	0.42	860	10.50	4.44	0.42	1585	10.04	4.25	0.42	1666	9.66	4.09	0.42	1743	9.29	3.93	0.42	1823	8.76	3.71	0.42	1942	8.04	3.41	0.42	2062	7.44	3.15	0.42	2140	6.17	2.61	0.42	2222
	29	18	5.01	4.63	0.92	485	5.01	4.63	0.92	539	5.01	4.63	0.92	593	5.56	5.14	0.92	629	5.56	5.14	0.92	701	8.47	7.82	0.92	1455	8.10	7.48	0.92	1530	7.79	7.19	0.92	1600	7.49	6.92	0.92	1674	7.07	6.52	0.92	1783	6.49	5.99	0.92	1893	6.00	5.54	0.92	1965	4.98	4.60	0.92	2040
	29	20	5.27	4.34	0.82	525	5.27	4.34	0.82	579	5.27	4.34	0.82	633	5.85	4.82	0.82	669	5.85	4.82	0.82	741	8.90	7.33	0.82	1487	8.51	7.01	0.82	1564	8.19	6.74	0.82	1636	7.87	6.48	0.82	1711	7.43	6.11	0.82	1823	6.82	5.61	0.82	1935	6.31	5.19	0.82	2009	5.23	4.31	0.82	2085
	29	22	5.58	3.93	0.70	564	5.58	3.93	0.70	618	5.58	3.93	0.70	672	6.20	4.36	0.70	708	6.20	4.36	0.70	780	9.43	6.63	0.70	1519	9.03	6.35	0.70	1598	8.68	6.10	0.70	1671	8.34	5.87	0.70	1748	7.87	5.54	0.70	1862	7.23	5.08	0.70	1977	6.68	4.70	0.70	2052	5.55	3.90	0.70	2130
	29	24	5.92	3.45	0.58	604	5.92	3.45	0.58	658	5.92	3.45	0.58	712	6.57	3.83	0.58	748	6.57	3.83	0.58	820	10.00	5.83	0.58	1552	9.57	5.58	0.58	1632	9.20	5.37	0.58	1707	8.84	5.16	0.58	1786	8.34	4.87	0.58	1902	7.66	4.47	0.58	2019	7.09	4.13	0.58	2096	5.88	3.43	0.58	2176
	29	26	6.21	2.88	0.46	644	6.21	2.88	0.46	698	6.21	2.88	0.46	752	6.90	3.20	0.46	788	6.90	3.20	0.46	860	10.50	4.86	0.46	1585	10.04	4.65	0.46	1666	9.66	4.48	0.46	1743	9.29	4.30	0.46	1823	8.76	4.06	0.46	1942	8.04	3.73	0.46	2062	7.44	3.45	0.46	2140	6.17	2.86	0.46	2222
	30	18	5.01	4.63	0.92	485	5.01	4.63	0.92	539	5.01	4.63	0.92	593	5.56	5.14	0.92	629	5.56	5.14	0.92	701	8.47	7.82	0.92	1455	8.10	7.48	0.92	1530	7.79	7.19	0.92	1600	7.49	6.92	0.92	1674	7.07	6.52	0.92	1783	6.49	5.99	0.92	1893	6.00	5.54	0.92	1965	4.98	4.60	0.92	2040
	30	20	5.27	4.55	0.86	525	5.27	4.55	0.86	579	5.27	4.55	0.86	633	5.85	5.05	0.86	669	5.85	5.05	0.86	741	8.90	7.68	0.86	1487	8.51	7.35	0.86	1564	8.19	7.07	0.86	1636	7.87	6.80	0.86	1711	7.43	6.41	0.86	1823	6.82	5.89	0.86	1935	6.31	5.44	0.86	2009	5.23	4.52	0.86	2085
	30	22	5.58	4.15	0.74	564	5.58	4.15	0.74	618	5.58	4.15	0.74	672	6.20	4.61	0.74	708	6.20	4.61	0.74	780	9.43	7.01	0.74	1519	9.03	6.71	0.74	1598	8.68	6.45	0.74	1671	8.34	6.20	0.74	1748	7.87	5.85	0.74	1862	7.23	5.37	0.74	1977	6.68	4.97	0.74	2052	5.55	4.12	0.74	2130
	30	24	5.92	3.69	0.62	604	5.92	3.69	0.62	658	5.92	3.69	0.62	712	6.57	4.10	0.62	748	6.57	4.10	0.62	820	10.00	6.23	0.62	1552	9.57	5.96	0.62	1632	9.20	5.73	0.62	1707	8.84	5.51	0.62	1786	8.34	5.20	0.62	1902	7.66	4.78	0.62	2019	7.09	4.42	0.62	2096	5.88	3.67	0.62	2176
	30	26	6.21	3.13	0.50	644	6.21	3.13	0.50	698	6.21	3.13	0.50	752	6.90	3.47	0.50	788	6.90	3.47	0.50	860	10.50	5.28	0.50	1585	10.04	5.06	0.50	1666	9.66	4.86	0.50	1743	9.29	4.68	0.50	1823	8.76	4.41	0.50	1942	8.04	4.05	0.50	2062	7.44	3.75	0.50	2140	6.17	3.11	0.50	2222
	31	18	5.01	4.63	0.92	485	5.01	4.63	0.92	539	5.01	4.63	0.92	593	5.56	5.14	0.92	629	5.56	5.14	0.92	701	8.47	7.82	0.92	1455	8.10	7.48	0.92	1530	7.79	7.19	0.92	1600	7.49	6.92	0.92	1674	7.07	6.52	0.92	1783	6.49	5.99	0.92	1893	6.00	5.54	0.92	1965	4.98	4.60	0.92	2040
	31	20	5.27	4.76	0.90	525	5.27	4.76	0.90	579	5.27	4.76	0.90	633	5.85	5.28	0.90	669	5.85	5.28	0.90	741	8.90	8.04	0.90	1487	8.51	7.69	0.90	1564	8.19	7.40	0.90	1636	7.87	7.11	0.90	1711	7.43	6.71	0.90	1823	6.82	6.16	0.90	1935	6.31	5.70	0.90	2009	5.23	4.73	0.90	2085
	31	22	5.58	4.37	0.78	564	5.58	4.37	0.78	618	5.58	4.37	0.78	672	6.20	4.86	0.78	708	6.20	4.86	0.78	780	9.43	7.39	0.78	1519	9.03	7.07	0.78	1598	8.68	6.80	0.78	1671	8.34	6.54	0.78	1748	7.87	6.17	0.78	1862	7.23	5.66	0.78	1977	6.68	5.24	0.78	2052	5.55	4.35	0.78	2130
	31	24	5.92	3.92	0.66	604	5.92	3.92	0.66	658	5.92	3.92	0.66	712	6.57	4.36	0.66	748	6.57	4.36	0.66	820	10.00	6.63	0.66	1552	9.57	6.35	0.66	1632	9.20	6.10	0.66	1707	8.84	5.87	0.66	1786	8.34	5.54	0.66	1902	7.66	5.08	0.66	2019	7.09	4.70	0.66	2096	5.88	3.90	0.66	2176
	31	26	6.21	3.38	0.54	644	6.21	3.38	0.54	698	6.21	3.38	0.54	752	6.90	3.75	0.54	788	6.90	3.75	0.54	860	10.50	5.70	0.54	1585	10.04	5.46	0.54	1666	9.66	5.25	0.54	1743	9.29	5.05	0.54	1823	8.76	4.76	0.54	1942	8.04	4.37	0.54	2062	7.44	4.04	0.54	2140	6.17	3.36	0.54	2222
	32	18	5.01	4.63	0.92	485	5.01	4.63	0.92	539	5.01	4.63	0.92	593	5.56	5.14	0.92	629	5.56	5.14	0.92	701	8.47	7.82	0.92	1455	8.10	7.48	0.92	1530	7.79	7.19	0.92	1600	7.49	6.92	0.92	1674	7.07	6.52	0.92	1783	6.49	5.99	0.92	1893	6.00	5.54	0.92	1965	4.98	4.60	0.92	2040
	32	20	5.27	4.86	0.92	525	5.27	4.86	0.92	579	5.27	4.86	0.92	633	5.85	5.40	0.92	669	5.85	5.40	0.92	741	8.90	8.22	0.92	1487	8.51	7.86	0.92	1564	8.19	7.56	0.92	1636	7.87	7.27	0.92	1711	7.43	6.86	0.92	1823	6.82	6.30	0.92	1935	6.31	5.82	0.92	2009	5.23	4.83	0.92	2085
	32	22	5.58	4.60	0.82	564	5.58	4.60	0.82	618	5.58	4.60	0.82	672	6.20	5.10	0.82	708	6.20	5.10	0.82	780	9.43	7.77	0.82	1519	9.03	7.43	0.82	1598	8.68	7.15	0.82	1671	8.34	6.87	0.82	1748	7.87	6.48	0.82	1862	7.23	5.95	0.82	1977	6.68	5.50	0.82	2052	5.55	4.57	0.82	2130
	32	24	5.92	4.16	0.70	604	5.92	4.16	0.70	658	5.92	4.16	0.70	712	6.57	4.62	0.70	748	6.57	4.62	0.70	820	10.00	7.03	0.70	1552	9.57	6.73	0.70	1632	9.20	6.47	0.70	1707	8.84	6.22	0.70	1786	8.34	5.87	0.70	1902	7.66	5.39	0.70	2019	7.09	4.98	0.70	2096	5.88	4.14	0.70	2176
	32	26	6.21	3.62	0.58	644	6.21	3.62	0.58	698	6.21	3.62	0.58	752	6.90	4.03	0.58	788	6.90	4.03	0.58	860	10.50	6.12	0.58	1585	10.04	5.86	0.58	1666	9.66	5.63	0.58	1743	9.29	5.42	0.58	1823	8.76	5.11	0.58	1942	8.04	4.69	0.58	2062	7.44	4.34	0.58	2140	6.17	3.60	0.58	2222

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

			Cooling Operation PERFORMANCE DATA																																																		
			OUTDOOR DB (°C)																																																		
COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
	21	18	4.86	2.92	0.60	470	4.86	2.92	0.60	523	4.86	2.92	0.60	575	5.40	3.24	0.60	610	5.40	3.24	0.60	680	8.22	4.93	0.60	1412	7.86	4.72	0.60	1485	7.56	4.54	0.60	1553	7.27	4.36	0.60	1624	6.86	4.12	0.60	1730	6.30	3.78	0.60	1837	5.83	3.50	0.60	1907	4.83	2.90	0.60	1980
	21	20	5.11	2.45	0.48	510	5.11	2.45	0.48	563	5.11	2.45	0.48	615	5.68	2.73	0.48	650	5.68	2.73	0.48	720	8.64	4.15	0.48	1445	8.27	3.97	0.48	1519	7.95	3.82	0.48	1589	7.64	3.67	0.48	1662	7.21	3.46	0.48	1770	6.62	3.18	0.48	1880	6.12	2.94	0.48	1951	5.08	2.44	0.48	2025
	22	18	4.86	3.11	0.64	470	4.86	3.11	0.64	523	4.86	3.11	0.64	575	5.40	3.46	0.64	610	5.40	3.46	0.64	680	8.22	5.26	0.64	1412	7.86	5.03	0.64	1485	7.56	4.84	0.64	1553	7.27	4.65	0.64	1624	6.86	4.39	0.64	1730	6.30	4.03	0.64	1837	5.83	3.73	0.64	1907	4.83	3.09	0.64	1980
	22	20	5.11	2.66	0.52	510	5.11	2.66	0.52	563	5.11	2.66	0.52	615	5.68	2.95	0.52	650	5.68	2.95	0.52	720	8.64	4.49	0.52	1445	8.27	4.30	0.52	1519	7.95	4.13	0.52	1589	7.64	3.97	0.52	1662	7.21	3.75	0.52	1770	6.62	3.44	0.52	1880	6.12	3.18	0.52	1951	5.08	2.64	0.52	2025
	22	22	5.42	2.17	0.40	549	5.42	2.17	0.40	602	5.42	2.17	0.40	654	6.02	2.41	0.40	689	6.02	2.41	0.40	759	9.16	3.66	0.40	1476	8.76	3.50	0.40	1552	8.43	3.37	0.40	1624	8.10	3.24	0.40	1699	7.64	3.06	0.40	1809	7.02	2.81	0.40	1921	6.49	2.60	0.40	1994	5.39	2.15	0.40	2070
	23	18	4.86	3.31	0.68	470	4.86	3.31	0.68	523	4.86	3.31	0.68	575	5.40	3.67	0.68	610	5.40	3.67	0.68	680	8.22	5.59	0.68	1412	7.86	5.35	0.68	1485	7.56	5.14	0.68	1553	7.27	4.94	0.68	1624	6.86	4.66	0.68	1730	6.30	4.28	0.68	1837	5.83	3.96	0.68	1907	4.83	3.29	0.68	1980
	23	20	5.11	2.86	0.56	510	5.11	2.86	0.56	563	5.11	2.86	0.56	615	5.68	3.18	0.56	650	5.68	3.18	0.56	720	8.64	4.84	0.56	1445	8.27	4.63	0.56	1519	7.95	4.45	0.56	1589	7.64	4.28	0.56	1662	7.21	4.04	0.56	1770	6.62	3.71	0.56	1880	6.12	3.43	0.56	1951	5.08	2.85	0.56	2025
	23	22	5.42	2.38	0.44	549	5.42	2.38	0.44	602	5.42	2.38	0.44	654	6.02	2.65	0.44	689	6.02	2.65	0.44	759	9.16	4.03	0.44	1476	8.76	3.86	0.44	1552	8.43	3.71	0.44	1624	8.10	3.56	0.44	1699	7.64	3.36	0.44	1809	7.02	3.09	0.44	1921	6.49	2.86	0.44	1994	5.39	2.37	0.44	2070
	24	18	4.86	3.50	0.72	470	4.86	3.50	0.72	523	4.86	3.50	0.72	575	5.40	3.89	0.72	610	5.40	3.89	0.72	680	8.22	5.92	0.72	1412	7.86	5.66	0.72	1485	7.56	5.44	0.72	1553	7.27	5.24	0.72	1624	6.86	4.94	0.72	1730	6.30	4.53	0.72	1837	5.83	4.19	0.72	1907	4.83	3.48	0.72	1980
	24	20	5.11	3.07	0.60	510	5.11	3.07	0.60	563	5.11	3.07	0.60	615	5.68	3.41	0.60	650	5.68	3.41	0.60	720	8.64	5.18	0.60	1445	8.27	4.96	0.60	1519	7.95	4.77	0.60	1589	7.64	4.59	0.60	1662	7.21	4.33	0.60	1770	6.62	3.97	0.60	1880	6.12	3.67	0.60	1951	5.08	3.05	0.60	2025
	24	22	5.42	2.60	0.48	549	5.42	2.60	0.48	602	5.42	2.60	0.48	654	6.02	2.89	0.48	689	6.02	2.89	0.48	759	9.16	4.40	0.48	1476	8.76	4.21	0.48	1552	8.43	4.04	0.48	1624	8.10	3.89	0.48	1699	7.64	3.67	0.48	1809	7.02	3.37	0.48	1921	6.49	3.12	0.48	1994	5.39	2.59	0.48	2070
	24	24	5.74	2.07	0.36	589	5.74	2.07	0.36	642	5.74	2.07	0.36	694	6.38	2.30	0.36	729	6.38	2.30	0.36	799	9.71	3.49	0.36	1509	9.29	3.34	0.36	1587	8.93	3.22	0.36	1660	8.59	3.09	0.36	1736	8.10	2.92	0.36	1849	7.44	2.68	0.36	1964	6.88	2.48	0.36	2038	5.71	2.06	0.36	2116
	25	18	4.86	3.70	0.76	470	4.86	3.70	0.76	523	4.86	3.70	0.76	575	5.40	4.11	0.76	610	5.40	4.11	0.76	680	8.22	6.25	0.76	1412	7.86	5.98	0.76	1485	7.56	5.75	0.76	1553	7.27	5.53	0.76	1624	6.86	5.21	0.76	1730	6.30	4.79	0.76	1837	5.83	4.43	0.76	1907	4.83	3.67	0.76	1980
	25	20	5.11	3.27	0.64	510	5.11	3.27	0.64	563	5.11	3.27	0.64	615	5.68	3.63	0.64	650	5.68	3.63	0.64	720	8.64	5.53	0.64	1445	8.27	5.29	0.64	1519	7.95	5.09	0.64	1589	7.64	4.89	0.64	1662	7.21	4.61	0.64	1770	6.62	4.24	0.64	1880	6.12	3.92	0.64	1951	5.08	3.25	0.64	2025
	25	22	5.42	2.82	0.52	549	5.42	2.82	0.52	602	5.42	2.82	0.52	654	6.02	3.13	0.52	689	6.02	3.13	0.52	759	9.16	4.76	0.52	1476	8.76	4.56	0.52	1552	8.43	4.38	0.52	1624	8.10	4.21	0.52	1699	7.64	3.97	0.52	1809	7.02	3.65	0.52	1921	6.49	3.37	0.52	1994	5.39	2.80	0.52	2070
	25	24	5.74	2.30	0.40	589	5.74	2.30	0.40	642	5.74	2.30	0.40	694	6.38	2.55	0.40	729	6.38	2.55	0.40	799	9.71	3.88	0.40	1509	9.29	3.72	0.40	1587	8.93	3.57	0.40	1660	8.59	3.43	0.40	1736	8.10	3.24	0.40	1849	7.44	2.97	0.40	1964	6.88	2.75	0.40	2038	5.71	2.28	0.40	2116
	26	18	4.86	3.89	0.80	470	4.86	3.89	0.80	523	4.86	3.89	0.80	575	5.40	4.32	0.80	610	5.40	4.32	0.80	680	8.22	6.58	0.80	1412	7.86	6.29	0.80	1485	7.56	6.05	0.80	1553	7.27	5.82	0.80	1624	6.86	5.49	0.80	1730	6.30	5.04	0.80	1837	5.83	4.66	0.80	1907	4.83	3.87	0.80	1980
	26	20	5.11	3.48	0.68	510	5.11	3.48	0.68	563	5.11	3.48	0.68	615	5.68	3.86	0.68	650	5.68	3.86	0.68	720	8.64	5.87	0.68	1445	8.27	5.62	0.68	1519	7.95	5.40	0.68	1589	7.64	5.20	0.68	1662	7.21	4.90	0.68	1770	6.62	4.50	0.68	1880	6.12	4.16	0.68	1951	5.08	3.46	0.68	2025
	26	22	5.42	3.03	0.56	549	5.42	3.03	0.56	602	5.42	3.03	0.56	654	6.02	3.37	0.56	689	6.02	3.37	0.56	759	9.16	5.13	0.56	1476	8.76	4.91	0.56	1552	8.43	4.72	0.56	1624	8.10	4.54	0.56	1699	7.64	4.28	0.56	1809	7.02	3.93	0.56	1921	6.49	3.63	0.56	1994	5.39	3.02	0.56	2070
	26	24	5.74	2.53	0.44	589	5.74	2.53	0.44	642	5.74	2.53	0.44	694	6.38	2.81	0.44	729	6.38	2.81	0.44	799	9.71	4.27	0.44	1509	9.29	4.09	0.44	1587	8.93	3.93	0.44	1660	8.59	3.78	0.44	1736	8.10	3.56	0.44	1849	7.44	3.27	0.44	1964	6.88	3.03	0.44	2038	5.71	2.51	0.44	2116
	26	26	6.03	1.93	0.32	629	6.03	1.93	0.32	682	6.03	1.93	0.32	734	6.70	2.14	0.32	769	6.70	2.14	0.32	839	10.19	3.26	0.32	1542	9.75	3.12	0.32	1621	9.38	3.00	0.32	1696	9.02	2.89	0.32	1774	8.51	2.72	0.32	1889	7.81	2.50	0.32	2006	7.22	2.31	0.32	2082	6.00	1.92	0.32	2161
	27	18	4.86	4.09	0.84	470	4.86	4.09	0.84	523	4.86	4.09	0.84	575	5.40	4.54	0.84	610	5.40	4.54	0.84	680	8.22	6.90	0.84	1412	7.86	6.61	0.84	1485	7.56	6.35	0.84	1553	7.27	6.11	0.84	1624	6.86	5.76	0.84	1730	6.30	5.29	0.84	1837	5.83	4.89	0.84	1907	4.83	4.06	0.84	1980
	27	19	4.96	3.87	0.78	490	4.96	3.87	0.78	543	4.96	3.87	0.78	595	5.51	4.30	0.78	630	5.51	4.30	0.78	700	8.39	6.54	0.78	1428	8.03	6.26	0.78	1502	7.72	6.02	0.78	1571	7.42	5.79	0.78	1643	7.00	5.46	0.78	1750	6.43	5.01	0.78	1859	5.94	4.64	0.78	1929	4.93	3.85	0.78	2002
	27	20	5.11	3.68	0.72	510	5.11	3.68	0.72	563	5.11	3.68	0.72	615	5.68	4.09	0.72	650	5.68	4.09	0.72	720	8.64	6.22	0.72	1445	8.27	5.95	0.72	1519	7.95	5.72	0.72	1589	7.64	5.50	0.72	1662	7.21	5.19	0.72	1770	6.62	4.77	0.72	1880	6.12	4.41	0.72	1951	5.08	3.66	0.72	2025
	27	22	5.42	3.25	0.60	549	5.42	3.25	0.60	602	5.42	3.25	0.60	654	6.02	3.61	0.60	689	6.02	3.61	0.60	759	9.16	5.49	0.60	1476	8.76	5.26	0.60	1552	8.43	5.06	0.60	1624	8.10	4.86	0.60	1699	7.64	4.59	0.60	1809	7.02	4.21	0.60	1921	6.49	3.89	0.60	1994	5.39	3.23	0.60	2070
100%	27	24	5.74	2.76	0.48	589	5.74	2.76	0.48	642	5.74	2.76	0.48	694	6.38	3.06	0.48	729	6.38	3.06	0.48	799	9.71	4.66	0.48	1509	9.29	4.46	0.48	1587	8.93	4.29	0.48	1660	8.59	4.12	0.48	1736	8.10	3.89	0.48	1849	7.44	3.57	0.48	1964	6.88	3.30	0.48	2038	5.71	2.74	0.48	2116
	27	26	6.03	2.17	0.36	629	6.03	2.17	0.36	682	6.03	2.17	0.36	734	6.70	2.41	0.36	769	6.70	2.41	0.36	839	10.19	3.67	0.36	1542	9.75	3.51	0.36	1621	9.38	3.38	0.36	1696	9.02	3.25	0.36	1774	8.51	3.06	0.36	1889	7.81	2.81	0.36	2006	7.22	2.60	0.36	2082	6.00	2.16	0.36	2161
	28	18	4.86	4.28	0.88	470	4.86	4.28	0.88	523	4.86	4.28	0.88	575	5.40	4.75	0.88	610	5.40	4.75	0.88	680	8.22	7.23	0.88	1412	7.86	6.92	0.88	1485	7.56	6.65	0.88	1553	7.27	6.40	0.88	1624	6.86	6.04	0.88	1730	6.30	5.54	0.88	1837	5.83	5.13	0.88	1907	4.83	4.25	0.88	1980
	28	20	5.11	3.89	0.76	510	5.11	3.89	0.76	563	5.11	3.89	0.76	615	5.68	4.32	0.76	650	5.68	4.32	0.76	720	8.64	6.57	0.76	1445	8.27	6.28	0.76	1519	7.95	6.04	0.76	1589	7.64	5.81	0.76	1662	7.21	5.48	0.76	1770	6.62	5.03	0.76	1880	6.12	4.65	0.76	1951	5.08	3.86	0.76	2025
	28	22	5.42	3.47	0.64	549	5.42	3.47	0.64	602	5.42	3.47	0.64	654	6.02	3.85	0.64	689	6.02	3.85	0.64	759	9.16	5.86	0.64	1476	8.76	5.61	0.64	1552	8.43	5.39	0.64	1624	8.10	5.18	0.64	1699	7.64	4.89	0.64	1809	7.02	4.49	0.64	1921	6.49	4.15	0.64	1994	5.39	3.45	0.64	2070
	28	24	5.74	2.99	0.52	589	5.74	2.99	0.52	642	5.74	2.99	0.52	694	6.38	3.32	0.52	729	6.38	3.32	0.52	799	9.71	5.05	0.52	1509	9.29	4.83	0.52	1587	8.93	4.64	0.52	1660	8.59	4.47	0.52	1736	8.10	4.21	0.52	1849	7.44	3.87	0.52	1964	6.88	3.58	0.52	2038	5.71	2.97	0.52	2116
	28	26	6.03	2.41	0.40	629	6.03	2.41	0.40	682	6.03	2.41	0.40	734	6.70	2.68	0.40	769	6.70	2.68	0.40	839	10.19	4.08	0.40	1542	9.75	3.90	0.40	1621	9.38	3.75	0.40	1696	9.02	3.61	0.40	1774	8.51	3.40	0.40	1889	7.81	3.12	0.40	2006	7.22	2.89	0.40	2082	6.00	2.40	0.40	2161
	29	18	4.86	4.38	0.90	470	4.86	4.38	0.90	523	4.86	4.38	0.90	575	5.40	4.86	0.90	610	5.40	4.86	0.90	680	8.22	7.40	0.90	1412	7.86	7.08	0.90	1485	7.56	6.81	0.90	1553	7.27	6.54	0.90	1624	6.86	6.17	0.90	1730	6.30	5.67	0.90	1837	5.83	5.24	0.90	1907	4.83	4.35	0.90	1980
	29	20	5.11	4.09	0.80	510	5.11	4.09	0.80	563	5.11	4.09	0.80	615	5.68	4.54	0.80	650	5.68	4.54	0.80	720	8.64	6.91	0.80	1445	8.27	6.61	0.80	1519	7.95	6.36	0.80	1589	7.64	6.11	0.80	1662	7.21	5.77	0.80	1770	6.62	5.30	0.80	1880	6.12	4.90	0.80	1951	5.08	4.07	0.80	2025
	29	22	5.42	3.68	0.68	549	5.42	3.68	0.68	602	5.42	3.68	0.68	654	6.02	4.09	0.68	689	6.02	4.09	0.68	759	9.16	6.23	0.68	1476	8.76	5.96	0.68	1552	8.43	5.73	0.68	1624	8.10	5.51	0.68	1699	7.64	5.20	0.68	1809	7.02	4.77	0.68	1921	6.49	4.41	0.68	1994	5.39	3.66	0.68	2070
	29	24	5.74	3.22	0.56	589	5.74	3.22	0.56	642	5.74	3.22	0.56	694	6.38	3.57	0.56	729	6.38	3.57	0.56	799	9.71	5.44	0.56	1509	9.29	5.20	0.56	1587	8.93	5.00	0.56	1660	8.59	4.81	0.56	1736	8.10	4.54	0.56	1849	7.44	4.16	0.56	1964	6.88	3.85	0.56	2038	5.71	3.20	0.56	2116
	29	26	6.03	2.65	0.44	629	6.03	2.65	0.44	682	6.03	2.65	0.44	734	6.70	2.95	0.44	769	6.70	2.95	0.44	839	10.19	4.48	0.44	1542	9.75	4.29	0.44	1621	9.38	4.13	0.44	1696	9.02	3.97	0.44	1774	8.51	3.74	0.44	1889	7.81	3.44	0.44	2006	7.22	3.18	0.44	2082	6.00	2.64	0.44	2161
	30	18	4.86	4.38	0.90	470	4.86	4.38	0.90	523	4.86	4.38	0.90	575	5.40	4.86	0.90	610	5.40	4.86	0.90	680	8.22	7.40	0.90	1412	7.86	7.08	0.90	1485	7.56	6.81	0.90	1553	7.27	6.54	0.90	1624	6.86	6.17	0.90	1730	6.30	5.67	0.90	1837	5.83	5.24	0.90	1907	4.83	4.35	0.90	1980
	30	20	5.11	4.29	0.84	510	5.11	4.29	0.84	563	5.11	4.29	0.84	615	5.68	4.77	0.84	650	5.68	4.77	0.84	720	8.64	7.26	0.84	1445	8.27	6.94	0.84	1519	7.95	6.68	0.84	1589	7.64	6.42	0.84	1662	7.21	6.06	0.84	1770	6.62	5.56	0.84	1880	6.12	5.14	0.84	1951	5.08	4.27	0.84	2025
	30	22	5.42	3.90	0.72	549	5.42	3.90	0.72	602	5.42	3.90	0.72	654	6.02	4.33	0.72	689	6.02	4.33	0.72	759	9.16	6.59	0.72	1476	8.76	6.31	0.72	1552	8.43	6.07	0.72	1624	8.10	5.83	0.72	1699	7.64	5.50	0.72	1809	7.02	5.05	0.72	1921	6.49	4.67	0.72	1994	5.39	3.88	0.72	2070
	30	24	5.74	3.45	0.60	589	5.74	3.45	0.60	642	5.74	3.45	0.60	694	6.38	3.83	0.60	729	6.38	3.83	0.60	799	9.71	5.82	0.60	1509	9.29	5.57	0.60	1587	8.93	5.36	0.60	1660	8.59	5.15	0.60	1736	8.10	4.86	0.60	1849	7.44	4.46	0.60	1964	6.88	4.13	0.60	2038	5.71	3.43	0.60	2116
	30	26	6.03	2.89	0.48	629	6.03	2.89	0.48	682	6.03	2.89	0.48	734	6.70	3.22	0.48	769	6.70	3.22	0.48	839	10.19	4.89	0.48	1542	9.75	4.68	0.48	1621	9.38	4.50	0.48	1696	9.02	4.33	0.48	1774	8.51	4.08	0.48	1889	7.81	3.75	0.48	2006	7.22	3.47	0.48	2082	6.00	2.88	0.48	2161
	31	18	4.86	4.38	0.90	470	4.86	4.38	0.90	523	4.86	4.38	0.90	575	5.40	4.86	0.90	610	5.40	4.86	0.90	680	8.22	7.40	0.90	1412	7.86	7.08	0.90	1485	7.56	6.81	0.90	1553	7.27	6.54	0.90	1624	6.86	6.17	0.90	1730	6.30	5.67	0.90	1837	5.83	5.24	0.90	1907	4.83	4.35	0.90	1980
	31	20	5.11	4.50	0.88	510	5.11	4.50	0.88	563	5.11	4.50	0.88	615	5.68	5.00	0.88	650	5.68	5.00	0.88	720	8.64	7.60	0.88	1445	8.27	7.27	0.88	1519	7.95	6.99	0.88	1589	7.64	6.73	0.88	1662	7.21	6.34	0.88	1770	6.62	5.82	0.88	1880	6.12	5.39	0.88	1951	5.08	4.47	0.88	2025
	31	22	5.42	4.12	0.76	549	5.42	4.12	0.76	602	5.42	4.12	0.76	654	6.02	4.57	0.76	689	6.02	4.57	0.76	759	9.16	6.96	0.76	1476	8.76	6.66	0.76	1552	8.43	6.40	0.76	1624	8.10	6.16	0.76	1699	7.64	5.81	0.76	1809	7.02	5.33	0.76	1921	6.49	4.93	0.76	1994	5.39	4.09	0.76	2070
	31	24	5.74	3.68	0.64	589	5.74	3.68	0.64	642	5.74	3.68	0.64	694	6.38	4.08	0.64	729	6.38	4.08	0.64	799	9.71	6.21	0.64	1509	9.29	5.94	0.64	1587	8.93	5.72	0.64	1660	8.59	5.50	0.64	1736	8.10	5.18	0.64	1849	7.44	4.76	0.64	1964	6.88	4.40	0.64	2038	5.71	3.65	0.64	2116
	31	26	6.03	3.14	0.52	629	6.03	3.14	0.52	682	6.03	3.14	0.52	734	6.70	3.48	0.52	769	6.70	3.48	0.52	839	10.19	5.30	0.52	1542	9.75	5.07	0.52	1621	9.38	4.88	0.52	1696	9.02	4.69	0.52	1774	8.51	4.42	0.52	1889	7.81	4.06	0.52	2006	7.22	3.76	0.52	2082	6.00	3.12	0.52	2161
	32	18	4.86	4.38	0.90	470	4.86	4.38	0.90	523	4.86	4.38	0.90	575	5.40	4.86	0.90	610	5.40	4.86	0.90	680	8.22	7.40	0.90	1412	7.86	7.08	0.90	1485	7.56	6.81	0.90	1553	7.27	6.54	0.90	1624	6.86	6.17	0.90	1730	6.30	5.67	0.90	1837	5.83	5.24	0.90	1907	4.83	4.35	0.90	1980
	32	20	5.11	4.60	0.90	510	5.11	4.60	0.90	563	5.11	4.60	0.90	615	5.68	5.11	0.90	650	5.68	5.11	0.90	720	8.64	7.77	0.90	1445	8.27	7.44	0.90	1519	7.95	7.15	0.90	1589	7.64	6.88	0.90	1662	7.21	6.49	0.90	1770	6.62	5.96	0.90	1880	6.12	5.51	0.90	1951	5.08	4.57	0.90	2025
	32	22	5.42	4.33	0.80	549	5.42	4.33	0.80	602	5.42	4.33	0.80	654	6.02	4.81	0.80	689	6.02	4.81	0.80	759	9.16	7.33	0.80	1476	8.76	7.01	0.80	1552	8.43	6.74	0.80	1624	8.10	6.48	0.80	1699	7.64	6.11	0.80	1809	7.02	5.61	0.80	1921	6.49	5.19	0.80	1994	5.39	4.31	0.80	2070
	32	24	5.74	3.91	0.68	589	5.74	3.91	0.68	642	5.74	3.91	0.68	694	6.38	4.34	0.68	729	6.38	4.34	0.68	799	9.71	6.60	0.68	1509	9.29	6.32	0.68	1587	8.93	6.07	0.68	1660	8.59	5.84	0.68	1736	8.10	5.51	0.68	1849	7.44	5.06	0.68	1964	6.88	4.68	0.68	2038	5.71	3.88	0.68	2116
	32	26	6.03	3.38	0.56	629	6.03	3.38	0.56	682	6.03	3.38	0.56	734	6.70	3.75	0.56	769	6.70	3.75	0.56	839	10.19	5.71	0.56	1542	9.75	5.46	0.56	1621	9.38	5.25	0.56	1696	9.02	5.05	0.56	1774	8.51	4.76	0.56	1889	7.81	4.37	0.56	2006	7.22	4.04	0.56	2082	6.00	3.36	0.56	2161

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

COMBINATION (%)	IDDB (°C)	ID WB (°C)	OUTDOOR DB (°C) -15 Q	SHC	SHF	IPT	-7 Q	SHC	SHF	IPT	0 Q	SHC	SHF	IPT	10 Q	SHC	SHF	IPT	15 Q	SHC	SHF	IPT	21 Q	SHC	SHF	IPT	25 Q	SHC	SHF	IPT	27 Q	SHC	SHF	IPT	30 Q	SHC	SHF	IPT	35 Q	SHC	SHF	IPT	40 Q	SHC	SHF	IPT	45 Q	SHC	SHF	IPT	50 Q	SHC	SHF	IPT
90%	21	18	4.57	2.56	0.56	441	4.57	2.56	0.56	490	4.57	2.56	0.56	539	5.08	2.85	0.56	572	5.08	2.85	0.56	638	7.73	4.33	0.56	1326	7.39	4.15	0.56	1395	7.11	3.99	0.56	1459	6.84	3.83	0.56	1526	6.45	3.62	0.56	1625	5.92	3.32	0.56	1726	5.48	3.07	0.56	1791	4.54	2.55	0.56	1859
	21	20	4.81	2.12	0.44	481	4.81	2.12	0.44	530	4.81	2.12	0.44	579	5.34	2.35	0.44	612	5.34	2.35	0.44	678	8.12	3.58	0.44	1359	7.77	3.43	0.44	1429	7.47	3.29	0.44	1495	7.18	3.17	0.44	1563	6.78	2.99	0.44	1665	6.22	2.74	0.44	1768	5.76	2.54	0.44	1835	4.78	2.11	0.44	1905
	22	18	4.57	2.75	0.60	441	4.57	2.75	0.60	490	4.57	2.75	0.60	539	5.08	3.05	0.60	572	5.08	3.05	0.60	638	7.73	4.64	0.60	1326	7.39	4.44	0.60	1395	7.11	4.27	0.60	1459	6.84	4.11	0.60	1526	6.45	3.88	0.60	1625	5.92	3.56	0.60	1726	5.48	3.29	0.60	1791	4.54	2.73	0.60	1859
	22	20	4.81	2.31	0.48	481	4.81	2.31	0.48	530	4.81	2.31	0.48	579	5.34	2.57	0.48	612	5.34	2.57	0.48	678	8.12	3.91	0.48	1359	7.77	3.74	0.48	1429	7.47	3.59	0.48	1495	7.18	3.46	0.48	1563	6.78	3.26	0.48	1665	6.22	2.99	0.48	1768	5.76	2.77	0.48	1835	4.78	2.30	0.48	1905
	22	22	5.09	1.84	0.36	520	5.09	1.84	0.36	569	5.09	1.84	0.36	618	5.66	2.04	0.36	651	5.66	2.04	0.36	717	8.61	3.11	0.36	1391	8.24	2.97	0.36	1462	7.92	2.86	0.36	1530	7.62	2.75	0.36	1600	7.18	2.59	0.36	1704	6.59	2.38	0.36	1810	6.10	2.20	0.36	1878	5.06	1.83	0.36	1950
	23	18	4.57	2.93	0.64	441	4.57	2.93	0.64	490	4.57	2.93	0.64	539	5.08	3.26	0.64	572	5.08	3.26	0.64	638	7.73	4.95	0.64	1326	7.39	4.74	0.64	1395	7.11	4.56	0.64	1459	6.84	4.38	0.64	1526	6.45	4.13	0.64	1625	5.92	3.79	0.64	1726	5.48	3.51	0.64	1791	4.54	2.91	0.64	1859
	23	20	4.81	2.50	0.52	481	4.81	2.50	0.52	530	4.81	2.50	0.52	579	5.34	2.78	0.52	612	5.34	2.78	0.52	678	8.12	4.23	0.52	1359	7.77	4.05	0.52	1429	7.47	3.89	0.52	1495	7.18	3.74	0.52	1563	6.78	3.53	0.52	1665	6.22	3.24	0.52	1768	5.76	3.00	0.52	1835	4.78	2.49	0.52	1905
	23	22	5.09	2.04	0.40	520	5.09	2.04	0.40	569	5.09	2.04	0.40	618	5.66	2.27	0.40	651	5.66	2.27	0.40	717	8.61	3.45	0.40	1391	8.24	3.30	0.40	1462	7.92	3.18	0.40	1530	7.62	3.05	0.40	1600	7.18	2.88	0.40	1704	6.59	2.64	0.40	1810	6.10	2.45	0.40	1878	5.06	2.03	0.40	1950
	24	18	4.57	3.11	0.68	441	4.57	3.11	0.68	490	4.57	3.11	0.68	539	5.08	3.46	0.68	572	5.08	3.46	0.68	638	7.73	5.26	0.68	1326	7.39	5.03	0.68	1395	7.11	4.84	0.68	1459	6.84	4.65	0.68	1526	6.45	4.39	0.68	1625	5.92	4.03	0.68	1726	5.48	3.73	0.68	1791	4.54	3.10	0.68	1859
	24	20	4.81	2.70	0.56	481	4.81	2.70	0.56	530	4.81	2.70	0.56	579	5.34	2.99	0.56	612	5.34	2.99	0.56	678	8.12	4.56	0.56	1359	7.77	4.36	0.56	1429	7.47	4.19	0.56	1495	7.18	4.03	0.56	1563	6.78	3.80	0.56	1665	6.22	3.49	0.56	1768	5.76	3.23	0.56	1835	4.78	2.68	0.56	1905
	24	22	5.09	2.25	0.44	520	5.09	2.25	0.44	569	5.09	2.25	0.44	618	5.66	2.49	0.44	651	5.66	2.49	0.44	717	8.61	3.80	0.44	1391	8.24	3.63	0.44	1462	7.92	3.49	0.44	1530	7.62	3.36	0.44	1600	7.18	3.17	0.44	1704	6.59	2.91	0.44	1810	6.10	2.69	0.44	1878	5.06	2.23	0.44	1950
	24	24	5.40	1.73	0.32	560	5.40	1.73	0.32	609	5.40	1.73	0.32	658	6.00	1.92	0.32	691	6.00	1.92	0.32	757	9.12	2.93	0.32	1423	8.73	2.80	0.32	1497	8.39	2.69	0.32	1566	8.07	2.59	0.32	1638	7.62	2.44	0.32	1744	6.99	2.24	0.32	1852	6.47	2.08	0.32	1923	5.37	1.72	0.32	1996
	25	18	4.57	3.30	0.72	441	4.57	3.30	0.72	490	4.57	3.30	0.72	539	5.08	3.66	0.72	572	5.08	3.66	0.72	638	7.73	5.57	0.72	1326	7.39	5.33	0.72	1395	7.11	5.13	0.72	1459	6.84	4.93	0.72	1526	6.45	4.65	0.72	1625	5.92	4.27	0.72	1726	5.48	3.95	0.72	1791	4.54	3.28	0.72	1859
	25	20	4.81	2.89	0.60	481	4.81	2.89	0.60	530	4.81	2.89	0.60	579	5.34	3.21	0.60	612	5.34	3.21	0.60	678	8.12	4.88	0.60	1359	7.77	4.67	0.60	1429	7.47	4.49	0.60	1495	7.18	4.32	0.60	1563	6.78	4.07	0.60	1665	6.22	3.74	0.60	1768	5.76	3.46	0.60	1835	4.78	2.87	0.60	1905
	25	22	5.09	2.45	0.48	520	5.09	2.45	0.48	569	5.09	2.45	0.48	618	5.66	2.72	0.48	651	5.66	2.72	0.48	717	8.61	4.14	0.48	1391	8.24	3.96	0.48	1462	7.92	3.81	0.48	1530	7.62	3.66	0.48	1600	7.18	3.46	0.48	1704	6.59	3.17	0.48	1810	6.10	2.93	0.48	1878	5.06	2.44	0.48	1950
	25	24	5.40	1.95	0.36	560	5.40	1.95	0.36	609	5.40	1.95	0.36	658	6.00	2.16	0.36	691	6.00	2.16	0.36	757	9.12	3.29	0.36	1423	8.73	3.15	0.36	1497	8.39	3.03	0.36	1566	8.07	2.91	0.36	1638	7.62	2.75	0.36	1744	6.99	2.52	0.36	1852	6.47	2.33	0.36	1923	5.37	1.94	0.36	1996
	26	18	4.57	3.48	0.76	441	4.57	3.48	0.76	490	4.57	3.48	0.76	539	5.08	3.86	0.76	572	5.08	3.86	0.76	638	7.73	5.88	0.76	1326	7.39	5.63	0.76	1395	7.11	5.41	0.76	1459	6.84	5.20	0.76	1526	6.45	4.91	0.76	1625	5.92	4.50	0.76	1726	5.48	4.17	0.76	1791	4.54	3.46	0.76	1859
	26	20	4.81	3.08	0.64	481	4.81	3.08	0.64	530	4.81	3.08	0.64	579	5.34	3.42	0.64	612	5.34	3.42	0.64	678	8.12	5.20	0.64	1359	7.77	4.98	0.64	1429	7.47	4.79	0.64	1495	7.18	4.60	0.64	1563	6.78	4.34	0.64	1665	6.22	3.99	0.64	1768	5.76	3.69	0.64	1835	4.78	3.06	0.64	1905
	26	22	5.09	2.65	0.52	520	5.09	2.65	0.52	569	5.09	2.65	0.52	618	5.66	2.95	0.52	651	5.66	2.95	0.52	717	8.61	4.48	0.52	1391	8.24	4.29	0.52	1462	7.92	4.13	0.52	1530	7.62	3.97	0.52	1600	7.18	3.74	0.52	1704	6.59	3.44	0.52	1810	6.10	3.18	0.52	1878	5.06	2.64	0.52	1950
	26	24	5.40	2.17	0.40	560	5.40	2.17	0.40	609	5.40	2.17	0.40	658	6.00	2.40	0.40	691	6.00	2.40	0.40	757	9.12	3.66	0.40	1423	8.73	3.50	0.40	1497	8.39	3.37	0.40	1566	8.07	3.24	0.40	1638	7.62	3.05	0.40	1744	6.99	2.80	0.40	1852	6.47	2.59	0.40	1923	5.37	2.15	0.40	1996
	26	26	5.67	1.59	0.28	600	5.67	1.59	0.28	649	5.67	1.59	0.28	698	6.30	1.77	0.28	731	6.30	1.77	0.28	797	9.58	2.69	0.28	1456	9.17	2.58	0.28	1531	8.81	2.48	0.28	1601	8.48	2.38	0.28	1675	8.00	2.25	0.28	1784	7.34	2.06	0.28	1895	6.79	1.91	0.28	1967	5.64	1.58	0.28	2041
	27	18	4.57	3.66	0.80	441	4.57	3.66	0.80	490	4.57	3.66	0.80	539	5.08	4.07	0.80	572	5.08	4.07	0.80	638	7.73	6.19	0.80	1326	7.39	5.92	0.80	1395	7.11	5.69	0.80	1459	6.84	5.48	0.80	1526	6.45	5.17	0.80	1625	5.92	4.74	0.80	1726	5.48	4.39	0.80	1791	4.54	3.64	0.80	1859
	27	19	4.67	3.46	0.74	461	4.67	3.46	0.74	510	4.67	3.46	0.74	559	5.18	3.84	0.74	592	5.18	3.84	0.74	658	7.88	5.84	0.74	1343	7.54	5.59	0.74	1412	7.25	5.38	0.74	1477	6.97	5.17	0.74	1545	6.58	4.88	0.74	1645	6.04	4.48	0.74	1747	5.59	4.14	0.74	1813	4.64	3.44	0.74	1882
	27	20	4.81	3.27	0.68	481	4.81	3.27	0.68	530	4.81	3.27	0.68	579	5.34	3.63	0.68	612	5.34	3.63	0.68	678	8.12	5.53	0.68	1359	7.77	5.29	0.68	1429	7.47	5.09	0.68	1495	7.18	4.89	0.68	1563	6.78	4.62	0.68	1665	6.22	4.24	0.68	1768	5.76	3.92	0.68	1835	4.78	3.25	0.68	1905
	27	22	5.09	2.86	0.56	520	5.09	2.86	0.56	569	5.09	2.86	0.56	618	5.66	3.17	0.56	651	5.66	3.17	0.56	717	8.61	4.83	0.56	1391	8.24	4.62	0.56	1462	7.92	4.44	0.56	1530	7.62	4.27	0.56	1600	7.18	4.03	0.56	1704	6.59	3.70	0.56	1810	6.10	3.42	0.56	1878	5.06	2.84	0.56	1950
	27	24	5.40	2.38	0.44	560	5.40	2.38	0.44	609	5.40	2.38	0.44	658	6.00	2.64	0.44	691	6.00	2.64	0.44	757	9.12	4.02	0.44	1423	8.73	3.85	0.44	1497	8.39	3.70	0.44	1566	8.07	3.56	0.44	1638	7.62	3.36	0.44	1744	6.99	3.08	0.44	1852	6.47	2.85	0.44	1923	5.37	2.37	0.44	1996
	27	26	5.67	1.82	0.32	600	5.67	1.82	0.32	649	5.67	1.82	0.32	698	6.30	2.02	0.32	731	6.30	2.02	0.32	797	9.58	3.08	0.32	1456	9.17	2.94	0.32	1531	8.81	2.83	0.32	1601	8.48	2.72	0.32	1675	8.00	2.57	0.32	1784	7.34	2.36	0.32	1895	6.79	2.18	0.32	1967	5.64	1.81	0.32	2041
	28	18	4.57	3.84	0.84	441	4.57	3.84	0.84	490	4.57	3.84	0.84	539	5.08	4.27	0.84	572	5.08	4.27	0.84	638	7.73	6.50	0.84	1326	7.39	6.22	0.84	1395	7.11	5.98	0.84	1459	6.84	5.75	0.84	1526	6.45	5.42	0.84	1625	5.92	4.98	0.84	1726	5.48	4.61	0.84	1791	4.54	3.82	0.84	1859
	28	20	4.81	3.46	0.72	481	4.81	3.46	0.72	530	4.81	3.46	0.72	579	5.34	3.85	0.72	612	5.34	3.85	0.72	678	8.12	5.85	0.72	1359	7.77	5.60	0.72	1429	7.47	5.39	0.72	1495	7.18	5.18	0.72	1563	6.78	4.89	0.72	1665	6.22	4.49	0.72	1768	5.76	4.15	0.72	1835	4.78	3.44	0.72	1905
	28	22	5.09	3.06	0.60	520	5.09	3.06	0.60	569	5.09	3.06	0.60	618	5.66	3.40	0.60	651	5.66	3.40	0.60	717	8.61	5.17	0.60	1391	8.24	4.95	0.60	1462	7.92	4.76	0.60	1530	7.62	4.58	0.60	1600	7.18	4.32	0.60	1704	6.59	3.96	0.60	1810	6.10	3.67	0.60	1878	5.06	3.04	0.60	1950
	28	24	5.40	2.60	0.48	560	5.40	2.60	0.48	609	5.40	2.60	0.48	658	6.00	2.88	0.48	691	6.00	2.88	0.48	757	9.12	4.39	0.48	1423	8.73	4.20	0.48	1497	8.39	4.04	0.48	1566	8.07	3.88	0.48	1638	7.62	3.66	0.48	1744	6.99	3.36	0.48	1852	6.47	3.11	0.48	1923	5.37	2.58	0.48	1996
	28	26	5.67	2.05	0.36	600	5.67	2.05	0.36	649	5.67	2.05	0.36	698	6.30	2.27	0.36	731	6.30	2.27	0.36	797	9.58	3.46	0.36	1456	9.17	3.31	0.36	1531	8.81	3.18	0.36	1601	8.48	3.06	0.36	1675	8.00	2.89	0.36	1784	7.34	2.65	0.36	1895	6.79	2.45	0.36	1967	5.64	2.03	0.36	2041
	29	18	4.57	3.94	0.86	441	4.57	3.94	0.86	490	4.57	3.94	0.86	539	5.08	4.37	0.86	572	5.08	4.37	0.86	638	7.73	6.65	0.86	1326	7.39	6.37	0.86	1395	7.11	6.12	0.86	1459	6.84	5.89	0.86	1526	6.45	5.55	0.86	1625	5.92	5.10	0.86	1726	5.48	4.71	0.86	1791	4.54	3.91	0.86	1859
	29	20	4.81	3.66	0.76	481	4.81	3.66	0.76	530	4.81	3.66	0.76	579	5.34	4.06	0.76	612	5.34	4.06	0.76	678	8.12	6.18	0.76	1359	7.77	5.91	0.76	1429	7.47	5.69	0.76	1495	7.18	5.47	0.76	1563	6.78	5.16	0.76	1665	6.22	4.73	0.76	1768	5.76	4.38	0.76	1835	4.78	3.64	0.76	1905
	29	22	5.09	3.26	0.64	520	5.09	3.26	0.64	569	5.09	3.26	0.64	618	5.66	3.63	0.64	651	5.66	3.63	0.64	717	8.61	5.52	0.64	1391	8.24	5.28	0.64	1462	7.92	5.08	0.64	1530	7.62	4.88	0.64	1600	7.18	4.60	0.64	1704	6.59	4.23	0.64	1810	6.10	3.91	0.64	1878	5.06	3.25	0.64	1950
	29	24	5.40	2.81	0.52	560	5.40	2.81	0.52	609	5.40	2.81	0.52	658	6.00	3.12	0.52	691	6.00	3.12	0.52	757	9.12	4.75	0.52	1423	8.73	4.55	0.52	1497	8.39	4.37	0.52	1566	8.07	4.21	0.52	1638	7.62	3.97	0.52	1744	6.99	3.64	0.52	1852	6.47	3.37	0.52	1923	5.37	2.80	0.52	1996
	29	26	5.67	2.27	0.40	600	5.67	2.27	0.40	649	5.67	2.27	0.40	698	6.30	2.52	0.40	731	6.30	2.52	0.40	797	9.58	3.84	0.40	1456	9.17	3.68	0.40	1531	8.81	3.53	0.40	1601	8.48	3.40	0.40	1675	8.00	3.21	0.40	1784	7.34	2.94	0.40	1895	6.79	2.72	0.40	1967	5.64	2.26	0.40	2041
	30	18	4.57	3.94	0.86	441	4.57	3.94	0.86	490	4.57	3.94	0.86	539	5.08	4.37	0.86	572	5.08	4.37	0.86	638	7.73	6.65	0.86	1326	7.39	6.37	0.86	1395	7.11	6.12	0.86	1459	6.84	5.89	0.86	1526	6.45	5.55	0.86	1625	5.92	5.10	0.86	1726	5.48	4.71	0.86	1791	4.54	3.91	0.86	1859
	30	20	4.81	3.85	0.80	481	4.81	3.85	0.80	530	4.81	3.85	0.80	579	5.34	4.28	0.80	612	5.34	4.28	0.80	678	8.12	6.50	0.80	1359	7.77	6.22	0.80	1429	7.47	5.98	0.80	1495	7.18	5.75	0.80	1563	6.78	5.43	0.80	1665	6.22	4.98	0.80	1768	5.76	4.61	0.80	1835	4.78	3.83	0.80	1905
	30	22	5.09	3.47	0.68	520	5.09	3.47	0.68	569	5.09	3.47	0.68	618	5.66	3.85	0.68	651	5.66	3.85	0.68	717	8.61	5.86	0.68	1391	8.24	5.61	0.68	1462	7.92	5.39	0.68	1530	7.62	5.19	0.68	1600	7.18	4.89	0.68	1704	6.59	4.49	0.68	1810	6.10	4.15	0.68	1878	5.06	3.45	0.68	1950
	30	24	5.40	3.03	0.56	560	5.40	3.03	0.56	609	5.40	3.03	0.56	658	6.00	3.36	0.56	691	6.00	3.36	0.56	757	9.12	5.12	0.56	1423	8.73	4.90	0.56	1497	8.39	4.71	0.56	1566	8.07	4.53	0.56	1638	7.62	4.27	0.56	1744	6.99	3.92	0.56	1852	6.47	3.63	0.56	1923	5.37	3.01	0.56	1996
	30	26	5.67	2.50	0.44	600	5.67	2.50	0.44	649	5.67	2.50	0.44	698	6.30	2.78	0.44	731	6.30	2.78	0.44	797	9.58	4.22	0.44	1456	9.17	4.04	0.44	1531	8.81	3.89	0.44	1601	8.48	3.74	0.44	1675	8.00	3.53	0.44	1784	7.34	3.24	0.44	1895	6.79	2.99	0.44	1967	5.64	2.49	0.44	2041
	31	18	4.57	3.94	0.86	441	4.57	3.94	0.86	490	4.57	3.94	0.86	539	5.08	4.37	0.86	572	5.08	4.37	0.86	638	7.73	6.65	0.86	1326	7.39	6.37	0.86	1395	7.11	6.12	0.86	1459	6.84	5.89	0.86	1526	6.45	5.55	0.86	1625	5.92	5.10	0.86	1726	5.48	4.71	0.86	1791	4.54	3.91	0.86	1859
	31	20	4.81	4.04	0.84	481	4.81	4.04	0.84	530	4.81	4.04	0.84	579	5.34	4.49	0.84	612	5.34	4.49	0.84	678	8.12	6.83	0.84	1359	7.77	6.53	0.84	1429	7.47	6.28	0.84	1495	7.18	6.04	0.84	1563	6.78	5.70	0.84	1665	6.22	5.23	0.84	1768	5.76	4.84	0.84	1835	4.78	4.02	0.84	1905
	31	22	5.09	3.67	0.72	520	5.09	3.67	0.72	569	5.09	3.67	0.72	618	5.66	4.08	0.72	651	5.66	4.08	0.72	717	8.61	6.21	0.72	1391	8.24	5.94	0.72	1462	7.92	5.71	0.72	1530	7.62	5.49	0.72	1600	7.18	5.18	0.72	1704	6.59	4.75	0.72	1810	6.10	4.40	0.72	1878	5.06	3.65	0.72	1950
	31	24	5.40	3.24	0.60	560	5.40	3.24	0.60	609	5.40	3.24	0.60	658	6.00	3.60	0.60	691	6.00	3.60	0.60	757	9.12	5.48	0.60	1423	8.73	5.25	0.60	1497	8.39	5.05	0.60	1566	8.07	4.85	0.60	1638	7.62	4.58	0.60	1744	6.99	4.20	0.60	1852	6.47	3.89	0.60	1923	5.37	3.23	0.60	1996
	31	26	5.67	2.73	0.48	600	5.67	2.73	0.48	649	5.67	2.73	0.48	698	6.30	3.03	0.48	731	6.30	3.03	0.48	797	9.58	4.61	0.48	1456	9.17	4.41	0.48	1531	8.81	4.24	0.48	1601	8.48	4.08	0.48	1675	8.00	3.85	0.48	1784	7.34	3.53	0.48	1895	6.79	3.27	0.48	1967	5.64	2.71	0.48	2041
	32	18	4.57	3.94	0.86	441	4.57	3.94	0.86	490	4.57	3.94	0.86	539	5.08	4.37	0.86	572	5.08	4.37	0.86	638	7.73	6.65	0.86	1326	7.39	6.37	0.86	1395	7.11	6.12	0.86	1459	6.84	5.89	0.86	1526	6.45	5.55	0.86	1625	5.92	5.10	0.86	1726	5.48	4.71	0.86	1791	4.54	3.91	0.86	1859
	32	20	4.81	4.14	0.86	481	4.81	4.14	0.86	530	4.81	4.14	0.86	579	5.34	4.60	0.86	612	5.34	4.60	0.86	678	8.12	6.99	0.86	1359	7.77	6.69	0.86	1429	7.47	6.43	0.86	1495	7.18	6.19	0.86	1563	6.78	5.84	0.86	1665	6.22	5.36	0.86	1768	5.76	4.96	0.86	1835	4.78	4.11	0.86	1905
	32	22	5.09	3.88	0.76	520	5.09	3.88	0.76	569	5.09	3.88	0.76	618	5.66	4.31	0.76	651	5.66	4.31	0.76	717	8.61	6.55	0.76	1391	8.24	6.27	0.76	1462	7.92	6.03	0.76	1530	7.62	5.80	0.76	1600	7.18	5.47	0.76	1704	6.59	5.02	0.76	1810	6.10	4.64	0.76	1878	5.06	3.85	0.76	1950
	32	24	5.40	3.46	0.64	560	5.40	3.46	0.64	609	5.40	3.46	0.64	658	6.00	3.84	0.64	691	6.00	3.84	0.64	757	9.12	5.85	0.64	1423	8.73	5.60	0.64	1497	8.39	5.38	0.64	1566	8.07	5.17	0.64	1638	7.62	4.88	0.64	1744	6.99	4.48	0.64	1852	6.47	4.14	0.64	1923	5.37	3.44	0.64	1996
	32	26	5.67	2.95	0.52	600	5.67	2.95	0.52	649	5.67	2.95	0.52	698	6.30	3.28	0.52	731	6.30	3.28	0.52	797	9.58	4.99	0.52	1456	9.17	4.78	0.52	1531	8.81	4.59	0.52	1601	8.48	4.42	0.52	1675	8.00	4.17	0.52	1784	7.34	3.82	0.52	1895	6.79	3.54	0.52	1967	5.64	2.94	0.52	2041

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

			Cooling Operation PERFORMANCE DATA																																																			
			OUTDOOR DB (°C)																																																			
COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
80%	21	18	4.39	2.36	0.54	395	4.39	2.36	0.54	439	4.39	2.36	0.54	483	4.87	2.63	0.54	513	4.87	2.63	0.54	572	7.42	4.00	0.54	1192	7.10	3.82	0.54	1253	6.82	3.68	0.54	1311	6.56	3.54	0.54	1371	6.19	3.34	0.54	1461	5.68	3.06	0.54	1551	5.26	2.83	0.54	1610	4.36	2.35	0.54	1671
	21	20	4.61	1.93	0.42	435	4.61	1.93	0.42	479	4.61	1.93	0.42	523	5.12	2.15	0.42	553	5.12	2.15	0.42	612	7.80	3.26	0.42	1225	7.46	3.12	0.42	1288	7.17	3.00	0.42	1347	6.90	2.89	0.42	1409	6.51	2.72	0.42	1501	5.97	2.50	0.42	1594	5.52	2.31	0.42	1654	4.59	1.92	0.42	1717
	22	18	4.39	2.54	0.58	395	4.39	2.54	0.58	439	4.39	2.54	0.58	483	4.87	2.82	0.58	513	4.87	2.82	0.58	572	7.42	4.29	0.58	1192	7.10	4.11	0.58	1253	6.82	3.95	0.58	1311	6.56	3.80	0.58	1371	6.19	3.58	0.58	1461	5.68	3.29	0.58	1551	5.26	3.04	0.58	1610	4.36	2.53	0.58	1671
	22	20	4.61	2.12	0.46	435	4.61	2.12	0.46	479	4.61	2.12	0.46	523	5.12	2.35	0.46	553	5.12	2.35	0.46	612	7.80	3.58	0.46	1225	7.46	3.42	0.46	1288	7.17	3.29	0.46	1347	6.90	3.16	0.46	1409	6.51	2.98	0.46	1501	5.97	2.74	0.46	1594	5.52	2.53	0.46	1654	4.59	2.10	0.46	1717
	22	22	4.89	1.66	0.34	474	4.89	1.66	0.34	518	4.89	1.66	0.34	562	5.43	1.84	0.34	592	5.43	1.84	0.34	651	8.26	2.80	0.34	1256	7.91	2.68	0.34	1321	7.60	2.58	0.34	1382	7.31	2.48	0.34	1446	6.90	2.34	0.34	1540	6.33	2.14	0.34	1635	5.86	1.98	0.34	1697	4.86	1.65	0.34	1762
	23	18	4.39	2.72	0.62	395	4.39	2.72	0.62	439	4.39	2.72	0.62	483	4.87	3.02	0.62	513	4.87	3.02	0.62	572	7.42	4.59	0.62	1192	7.10	4.39	0.62	1253	6.82	4.22	0.62	1311	6.56	4.06	0.62	1371	6.19	3.83	0.62	1461	5.68	3.52	0.62	1551	5.26	3.25	0.62	1610	4.36	2.70	0.62	1671
	23	20	4.61	2.30	0.50	435	4.61	2.30	0.50	479	4.61	2.30	0.50	523	5.12	2.56	0.50	553	5.12	2.56	0.50	612	7.80	3.89	0.50	1225	7.46	3.72	0.50	1288	7.17	3.58	0.50	1347	6.90	3.44	0.50	1409	6.51	3.25	0.50	1501	5.97	2.98	0.50	1594	5.52	2.76	0.50	1654	4.59	2.29	0.50	1717
	23	22	4.89	1.85	0.38	474	4.89	1.85	0.38	518	4.89	1.85	0.38	562	5.43	2.06	0.38	592	5.43	2.06	0.38	651	8.26	3.13	0.38	1256	7.91	2.99	0.38	1321	7.60	2.88	0.38	1382	7.31	2.77	0.38	1446	6.90	2.61	0.38	1540	6.33	2.40	0.38	1635	5.86	2.22	0.38	1697	4.86	1.84	0.38	1762
	24	18	4.39	2.89	0.66	395	4.39	2.89	0.66	439	4.39	2.89	0.66	483	4.87	3.21	0.66	513	4.87	3.21	0.66	572	7.42	4.89	0.66	1192	7.10	4.68	0.66	1253	6.82	4.50	0.66	1311	6.56	4.32	0.66	1371	6.19	4.08	0.66	1461	5.68	3.74	0.66	1551	5.26	3.46	0.66	1610	4.36	2.87	0.66	1671
	24	20	4.61	2.49	0.54	435	4.61	2.49	0.54	479	4.61	2.49	0.54	523	5.12	2.76	0.54	553	5.12	2.76	0.54	612	7.80	4.20	0.54	1225	7.46	4.02	0.54	1288	7.17	3.86	0.54	1347	6.90	3.72	0.54	1409	6.51	3.51	0.54	1501	5.97	3.22	0.54	1594	5.52	2.98	0.54	1654	4.59	2.47	0.54	1717
	24	22	4.89	2.05	0.42	474	4.89	2.05	0.42	518	4.89	2.05	0.42	562	5.43	2.27	0.42	592	5.43	2.27	0.42	651	8.26	3.46	0.42	1256	7.91	3.31	0.42	1321	7.60	3.18	0.42	1382	7.31	3.06	0.42	1446	6.90	2.89	0.42	1540	6.33	2.65	0.42	1635	5.86	2.45	0.42	1697	4.86	2.04	0.42	1762
	24	24	5.18	1.55	0.30	514	5.18	1.55	0.30	558	5.18	1.55	0.30	602	5.76	1.72	0.30	632	5.76	1.72	0.30	691	8.76	2.62	0.30	1289	8.38	2.50	0.30	1356	8.06	2.41	0.30	1418	7.75	2.32	0.30	1483	7.31	2.18	0.30	1580	6.71	2.01	0.30	1677	6.21	1.85	0.30	1741	5.15	1.54	0.30	1807
	25	18	4.39	3.07	0.70	395	4.39	3.07	0.70	439	4.39	3.07	0.70	483	4.87	3.41	0.70	513	4.87	3.41	0.70	572	7.42	5.18	0.70	1192	7.10	4.96	0.70	1253	6.82	4.77	0.70	1311	6.56	4.59	0.70	1371	6.19	4.33	0.70	1461	5.68	3.97	0.70	1551	5.26	3.67	0.70	1610	4.36	3.05	0.70	1671
	25	20	4.61	2.67	0.58	435	4.61	2.67	0.58	479	4.61	2.67	0.58	523	5.12	2.97	0.58	553	5.12	2.97	0.58	612	7.80	4.51	0.58	1225	7.46	4.32	0.58	1288	7.17	4.15	0.58	1347	6.90	3.99	0.58	1409	6.51	3.77	0.58	1501	5.97	3.46	0.58	1594	5.52	3.20	0.58	1654	4.59	2.65	0.58	1717
	25	22	4.89	2.24	0.46	474	4.89	2.24	0.46	518	4.89	2.24	0.46	562	5.43	2.49	0.46	592	5.43	2.49	0.46	651	8.26	3.79	0.46	1256	7.91	3.63	0.46	1321	7.60	3.49	0.46	1382	7.31	3.35	0.46	1446	6.90	3.16	0.46	1540	6.33	2.90	0.46	1635	5.86	2.69	0.46	1697	4.86	2.23	0.46	1762
	25	24	5.18	1.76	0.34	514	5.18	1.76	0.34	558	5.18	1.76	0.34	602	5.76	1.95	0.34	632	5.76	1.95	0.34	691	8.76	2.97	0.34	1289	8.38	2.84	0.34	1356	8.06	2.73	0.34	1418	7.75	2.63	0.34	1483	7.31	2.48	0.34	1580	6.71	2.27	0.34	1677	6.21	2.10	0.34	1741	5.15	1.75	0.34	1807
	26	18	4.39	3.24	0.74	395	4.39	3.24	0.74	439	4.39	3.24	0.74	483	4.87	3.60	0.74	513	4.87	3.60	0.74	572	7.42	5.48	0.74	1192	7.10	5.24	0.74	1253	6.82	5.04	0.74	1311	6.56	4.85	0.74	1371	6.19	4.57	0.74	1461	5.68	4.20	0.74	1551	5.26	3.88	0.74	1610	4.36	3.22	0.74	1671
	26	20	4.61	2.85	0.62	435	4.61	2.85	0.62	479	4.61	2.85	0.62	523	5.12	3.17	0.62	553	5.12	3.17	0.62	612	7.80	4.82	0.62	1225	7.46	4.62	0.62	1288	7.17	4.44	0.62	1347	6.90	4.27	0.62	1409	6.51	4.03	0.62	1501	5.97	3.70	0.62	1594	5.52	3.42	0.62	1654	4.59	2.84	0.62	1717
	26	22	4.89	2.44	0.50	474	4.89	2.44	0.50	518	4.89	2.44	0.50	562	5.43	2.71	0.50	592	5.43	2.71	0.50	651	8.26	4.12	0.50	1256	7.91	3.94	0.50	1321	7.60	3.79	0.50	1382	7.31	3.65	0.50	1446	6.90	3.44	0.50	1540	6.33	3.16	0.50	1635	5.86	2.92	0.50	1697	4.86	2.42	0.50	1762
	26	24	5.18	1.96	0.38	514	5.18	1.96	0.38	558	5.18	1.96	0.38	602	5.76	2.18	0.38	632	5.76	2.18	0.38	691	8.76	3.32	0.38	1289	8.38	3.17	0.38	1356	8.06	3.05	0.38	1418	7.75	2.94	0.38	1483	7.31	2.77	0.38	1580	6.71	2.54	0.38	1677	6.21	2.35	0.38	1741	5.15	1.95	0.38	1807
	26	26	5.44	1.41	0.26	554	5.44	1.41	0.26	598	5.44	1.41	0.26	642	6.04	1.56	0.26	672	6.04	1.56	0.26	731	9.20	2.38	0.26	1322	8.80	2.28	0.26	1390	8.46	2.19	0.26	1454	8.14	2.11	0.26	1521	7.68	1.99	0.26	1620	7.05	1.82	0.26	1720	6.52	1.69	0.26	1785	5.41	1.40	0.26	1853
	27	18	4.39	3.42	0.78	395	4.39	3.42	0.78	439	4.39	3.42	0.78	483	4.87	3.80	0.78	513	4.87	3.80	0.78	572	7.42	5.78	0.78	1192	7.10	5.53	0.78	1253	6.82	5.31	0.78	1311	6.56	5.11	0.78	1371	6.19	4.82	0.78	1461	5.68	4.43	0.78	1551	5.26	4.09	0.78	1610	4.36	3.40	0.78	1671
	27	19	4.48	3.22	0.72	415	4.48	3.22	0.72	459	4.48	3.22	0.72	503	4.97	3.58	0.72	533	4.97	3.58	0.72	592	7.57	5.44	0.72	1208	7.24	5.21	0.72	1271	6.96	5.01	0.72	1329	6.70	4.81	0.72	1390	6.32	4.54	0.72	1481	5.80	4.17	0.72	1572	5.36	3.86	0.72	1632	4.45	3.20	0.72	1694
	27	20	4.61	3.04	0.66	435	4.61	3.04	0.66	479	4.61	3.04	0.66	523	5.12	3.38	0.66	553	5.12	3.38	0.66	612	7.80	5.14	0.66	1225	7.46	4.91	0.66	1288	7.17	4.73	0.66	1347	6.90	4.54	0.66	1409	6.51	4.29	0.66	1501	5.97	3.93	0.66	1594	5.52	3.64	0.66	1654	4.59	3.02	0.66	1717
	27	22	4.89	2.63	0.54	474	4.89	2.63	0.54	518	4.89	2.63	0.54	562	5.43	2.93	0.54	592	5.43	2.93	0.54	651	8.26	4.45	0.54	1256	7.91	4.26	0.54	1321	7.60	4.10	0.54	1382	7.31	3.94	0.54	1446	6.90	3.72	0.54	1540	6.33	3.41	0.54	1635	5.86	3.16	0.54	1697	4.86	2.62	0.54	1762
	27	24	5.18	2.17	0.42	514	5.18	2.17	0.42	558	5.18	2.17	0.42	602	5.76	2.41	0.42	632	5.76	2.41	0.42	691	8.76	3.67	0.42	1289	8.38	3.51	0.42	1356	8.06	3.37	0.42	1418	7.75	3.25	0.42	1483	7.31	3.06	0.42	1580	6.71	2.81	0.42	1677	6.21	2.60	0.42	1741	5.15	2.16	0.42	1807
	27	26	5.44	1.63	0.30	554	5.44	1.63	0.30	598	5.44	1.63	0.30	642	6.04	1.81	0.30	672	6.04	1.81	0.30	731	9.20	2.75	0.30	1322	8.80	2.63	0.30	1390	8.46	2.53	0.30	1454	8.14	2.43	0.30	1521	7.68	2.29	0.30	1620	7.05	2.11	0.30	1720	6.52	1.95	0.30	1785	5.41	1.62	0.30	1853
	28	18	4.39	3.59	0.82	395	4.39	3.59	0.82	439	4.39	3.59	0.82	483	4.87	3.99	0.82	513	4.87	3.99	0.82	572	7.42	6.07	0.82	1192	7.10	5.81	0.82	1253	6.82	5.59	0.82	1311	6.56	5.37	0.82	1371	6.19	5.07	0.82	1461	5.68	4.65	0.82	1551	5.26	4.30	0.82	1610	4.36	3.57	0.82	1671
	28	20	4.61	3.22	0.70	435	4.61	3.22	0.70	479	4.61	3.22	0.70	523	5.12	3.58	0.70	553	5.12	3.58	0.70	612	7.80	5.45	0.70	1225	7.46	5.21	0.70	1288	7.17	5.01	0.70	1347	6.90	4.82	0.70	1409	6.51	4.55	0.70	1501	5.97	4.17	0.70	1594	5.52	3.86	0.70	1654	4.59	3.20	0.70	1717
	28	22	4.89	2.83	0.58	474	4.89	2.83	0.58	518	4.89	2.83	0.58	562	5.43	3.14	0.58	592	5.43	3.14	0.58	651	8.26	4.78	0.58	1256	7.91	4.58	0.58	1321	7.60	4.40	0.58	1382	7.31	4.23	0.58	1446	6.90	3.99	0.58	1540	6.33	3.66	0.58	1635	5.86	3.39	0.58	1697	4.86	2.81	0.58	1762
	28	24	5.18	2.38	0.46	514	5.18	2.38	0.46	558	5.18	2.38	0.46	602	5.76	2.64	0.46	632	5.76	2.64	0.46	691	8.76	4.02	0.46	1289	8.38	3.85	0.46	1356	8.06	3.70	0.46	1418	7.75	3.56	0.46	1483	7.31	3.35	0.46	1580	6.71	3.08	0.46	1677	6.21	2.85	0.46	1741	5.15	2.36	0.46	1807
	28	26	5.44	1.84	0.34	554	5.44	1.84	0.34	598	5.44	1.84	0.34	642	6.04	2.05	0.34	672	6.04	2.05	0.34	731	9.20	3.12	0.34	1322	8.80	2.98	0.34	1390	8.46	2.87	0.34	1454	8.14	2.76	0.34	1521	7.68	2.60	0.34	1620	7.05	2.39	0.34	1720	6.52	2.21	0.34	1785	5.41	1.83	0.34	1853
	29	18	4.39	3.68	0.84	395	4.39	3.68	0.84	439	4.39	3.68	0.84	483	4.87	4.09	0.84	513	4.87	4.09	0.84	572	7.42	6.22	0.84	1192	7.10	5.95	0.84	1253	6.82	5.72	0.84	1311	6.56	5.50	0.84	1371	6.19	5.19	0.84	1461	5.68	4.77	0.84	1551	5.26	4.41	0.84	1610	4.36	3.66	0.84	1671
	29	20	4.61	3.41	0.74	435	4.61	3.41	0.74	479	4.61	3.41	0.74	523	5.12	3.79	0.74	553	5.12	3.79	0.74	612	7.80	5.76	0.74	1225	7.46	5.51	0.74	1288	7.17	5.30	0.74	1347	6.90	5.10	0.74	1409	6.51	4.81	0.74	1501	5.97	4.41	0.74	1594	5.52	4.08	0.74	1654	4.59	3.39	0.74	1717
	29	22	4.89	3.03	0.62	474	4.89	3.03	0.62	518	4.89	3.03	0.62	562	5.43	3.36	0.62	592	5.43	3.36	0.62	651	8.26	5.11	0.62	1256	7.91	4.89	0.62	1321	7.60	4.70	0.62	1382	7.31	4.52	0.62	1446	6.90	4.27	0.62	1540	6.33	3.92	0.62	1635	5.86	3.62	0.62	1697	4.86	3.01	0.62	1762
	29	24	5.18	2.59	0.50	514	5.18	2.59	0.50	558	5.18	2.59	0.50	602	5.76	2.87	0.50	632	5.76	2.87	0.50	691	8.76	4.37	0.50	1289	8.38	4.18	0.50	1356	8.06	4.02	0.50	1418	7.75	3.87	0.50	1483	7.31	3.65	0.50	1580	6.71	3.35	0.50	1677	6.21	3.10	0.50	1741	5.15	2.57	0.50	1807
	29	26	5.44	2.06	0.38	554	5.44	2.06	0.38	598	5.44	2.06	0.38	642	6.04	2.29	0.38	672	6.04	2.29	0.38	731	9.20	3.48	0.38	1322	8.80	3.33	0.38	1390	8.46	3.21	0.38	1454	8.14	3.08	0.38	1521	7.68	2.91	0.38	1620	7.05	2.67	0.38	1720	6.52	2.47	0.38	1785	5.41	2.05	0.38	1853
	30	18	4.39	3.68	0.84	395	4.39	3.68	0.84	439	4.39	3.68	0.84	483	4.87	4.09	0.84	513	4.87	4.09	0.84	572	7.42	6.22	0.84	1192	7.10	5.95	0.84	1253	6.82	5.72	0.84	1311	6.56	5.50	0.84	1371	6.19	5.19	0.84	1461	5.68	4.77	0.84	1551	5.26	4.41	0.84	1610	4.36	3.66	0.84	1671
	30	20	4.61	3.59	0.78	435	4.61	3.59	0.78	479	4.61	3.59	0.78	523	5.12	3.99	0.78	553	5.12	3.99	0.78	612	7.80	6.07	0.78	1225	7.46	5.81	0.78	1288	7.17	5.59	0.78	1347	6.90	5.37	0.78	1409	6.51	5.07	0.78	1501	5.97	4.65	0.78	1594	5.52	4.30	0.78	1654	4.59	3.57	0.78	1717
	30	22	4.89	3.22	0.66	474	4.89	3.22	0.66	518	4.89	3.22	0.66	562	5.43	3.58	0.66	592	5.43	3.58	0.66	651	8.26	5.44	0.66	1256	7.91	5.21	0.66	1321	7.60	5.01	0.66	1382	7.31	4.82	0.66	1446	6.90	4.54	0.66	1540	6.33	4.17	0.66	1635	5.86	3.86	0.66	1697	4.86	3.20	0.66	1762
	30	24	5.18	2.79	0.54	514	5.18	2.79	0.54	558	5.18	2.79	0.54	602	5.76	3.10	0.54	632	5.76	3.10	0.54	691	8.76	4.72	0.54	1289	8.38	4.52	0.54	1356	8.06	4.34	0.54	1418	7.75	4.17	0.54	1483	7.31	3.94	0.54	1580	6.71	3.62	0.54	1677	6.21	3.34	0.54	1741	5.15	2.78	0.54	1807
	30	26	5.44	2.28	0.42	554	5.44	2.28	0.42	598	5.44	2.28	0.42	642	6.04	2.53	0.42	672	6.04	2.53	0.42	731	9.20	3.85	0.42	1322	8.80	3.69	0.42	1390	8.46	3.54	0.42	1454	8.14	3.41	0.42	1521	7.68	3.21	0.42	1620	7.05	2.95	0.42	1720	6.52	2.73	0.42	1785	5.41	2.27	0.42	1853
	31	18	4.39	3.68	0.84	395	4.39	3.68	0.84	439	4.39	3.68	0.84	483	4.87	4.09	0.84	513	4.87	4.09	0.84	572	7.42	6.22	0.84	1192	7.10	5.95	0.84	1253	6.82	5.72	0.84	1311	6.56	5.50	0.84	1371	6.19	5.19	0.84	1461	5.68	4.77	0.84	1551	5.26	4.41	0.84	1610	4.36	3.66	0.84	1671
	31	20	4.61	3.78	0.82	435	4.61	3.78	0.82	479	4.61	3.78	0.82	523	5.12	4.20	0.82	553	5.12	4.20	0.82	612	7.80	6.38	0.82	1225	7.46	6.11	0.82	1288	7.17	5.87	0.82	1347	6.90	5.65	0.82	1409	6.51	5.33	0.82	1501	5.97	4.89	0.82	1594	5.52	4.52	0.82	1654	4.59	3.75	0.82	1717
	31	22	4.89	3.42	0.70	474	4.89	3.42	0.70	518	4.89	3.42	0.70	562	5.43	3.80	0.70	592	5.43	3.80	0.70	651	8.26	5.77	0.70	1256	7.91	5.53	0.70	1321	7.60	5.31	0.70	1382	7.31	5.11	0.70	1446	6.90	4.82	0.70	1540	6.33	4.42	0.70	1635	5.86	4.09	0.70	1697	4.86	3.40	0.70	1762
	31	24	5.18	3.00	0.58	514	5.18	3.00	0.58	558	5.18	3.00	0.58	602	5.76	3.33	0.58	632	5.76	3.33	0.58	691	8.76	5.07	0.58	1289	8.38	4.85	0.58	1356	8.06	4.66	0.58	1418	7.75	4.48	0.58	1483	7.31	4.23	0.58	1580	6.71	3.88	0.58	1677	6.21	3.59	0.58	1741	5.15	2.98	0.58	1807
	31	26	5.44	2.50	0.46	554	5.44	2.50	0.46	598	5.44	2.50	0.46	642	6.04	2.77	0.46	672	6.04	2.77	0.46	731	9.20	4.22	0.46	1322	8.80	4.04	0.46	1390	8.46	3.88	0.46	1454	8.14	3.73	0.46	1521	7.68	3.52	0.46	1620	7.05	3.23	0.46	1720	6.52	2.99	0.46	1785	5.41	2.48	0.46	1853
	32	18	4.39	3.68	0.84	395	4.39	3.68	0.84	439	4.39	3.68	0.84	483	4.87	4.09	0.84	513	4.87	4.09	0.84	572	7.42	6.22	0.84	1192	7.10	5.95	0.84	1253	6.82	5.72	0.84	1311	6.56	5.50	0.84	1371	6.19	5.19	0.84	1461	5.68	4.77	0.84	1551	5.26	4.41	0.84	1610	4.36	3.66	0.84	1671
	32	20	4.61	3.87	0.84	435	4.61	3.87	0.84	479	4.61	3.87	0.84	523	5.12	4.30	0.84	553	5.12	4.30	0.84	612	7.80	6.54	0.84	1225	7.46	6.26	0.84	1288	7.17	6.02	0.84	1347	6.90	5.78	0.84	1409	6.51	5.46	0.84	1501	5.97	5.01	0.84	1594	5.52	4.63	0.84	1654	4.59	3.85	0.84	1717
	32	22	4.89	3.61	0.74	474	4.89	3.61	0.74	518	4.89	3.61	0.74	562	5.43	4.01	0.74	592	5.43	4.01	0.74	651	8.26	6.10	0.74	1256	7.91	5.84	0.74	1321	7.60	5.62	0.74	1382	7.31	5.40	0.74	1446	6.90	5.10	0.74	1540	6.33	4.68	0.74	1635	5.86	4.33	0.74	1697	4.86	3.59	0.74	1762
	32	24	5.18	3.21	0.62	514	5.18	3.21	0.62	558	5.18	3.21	0.62	602	5.76	3.56	0.62	632	5.76	3.56	0.62	691	8.76	5.42	0.62	1289	8.38	5.19	0.62	1356	8.06	4.99	0.62	1418	7.75	4.79	0.62	1483	7.31	4.52	0.62	1580	6.71	4.15	0.62	1677	6.21	3.84	0.62	1741	5.15	3.19	0.62	1807
	32	26	5.44	2.71	0.50	554	5.44	2.71	0.50	598	5.44	2.71	0.50	642	6.04	3.01	0.50	672	6.04	3.01	0.50	731	9.20	4.59	0.50	1322	8.80	4.39	0.50	1390	8.46	4.22	0.50	1454	8.14	4.06	0.50	1521	7.68	3.83	0.50	1620	7.05	3.51	0.50	1720	6.52	3.25	0.50	1785	5.41	2.70	0.50	1853

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

24K (Up to 3 IDUs)

HEATING PERFORMANCE DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
130%	15	5.78	1872	6.80	1930	7.56	1949	8.31	1989	9.03	2093	9.75	2198	10.24	2264	10.55	2309
	16	5.71	1887	6.72	1945	7.47	1965	8.21	2005	8.92	2110	9.64	2216	10.12	2282	10.42	2328
	17	5.65	1902	6.64	1961	7.38	1981	8.11	2021	8.82	2127	9.52	2234	10.00	2301	10.30	2347
	18	5.58	1917	6.56	1977	7.29	1997	8.01	2037	8.71	2145	9.41	2252	9.88	2319	10.18	2366
	19	5.51	1933	6.49	1993	7.21	2013	7.92	2054	8.61	2162	9.30	2270	9.76	2338	10.05	2385
	20	5.46	1948	6.42	2009	7.14	2029	7.84	2070	8.52	2179	9.21	2288	9.67	2357	9.96	2404
	21	5.39	1970	6.35	2031	7.05	2051	7.75	2093	8.42	2203	9.09	2313	9.55	2383	9.84	2430
	22	5.33	1991	6.27	2053	6.97	2074	7.65	2116	8.32	2227	8.99	2339	9.43	2409	9.72	2457
	23	5.26	2013	6.19	2076	6.88	2097	7.56	2139	8.22	2252	8.88	2365	9.32	2435	9.60	2484
	24	5.20	2035	6.12	2098	6.80	2120	7.47	2163	8.12	2277	8.77	2391	9.21	2462	9.49	2512
	25	5.14	2058	6.05	2122	6.72	2143	7.38	2187	8.02	2302	8.67	2417	9.10	2489	9.37	2539
	26	5.08	2081	5.97	2145	6.64	2167	7.29	2211	7.93	2327	8.56	2443	8.99	2517	9.26	2567
	27	5.02	2103	5.90	2168	6.56	2190	7.21	2235	7.83	2353	8.46	2470	8.88	2544	9.15	2595
	28	4.96	2127	5.83	2192	6.48	2214	7.12	2260	7.74	2379	8.36	2498	8.78	2572	9.04	2624
	29	4.90	2150	5.76	2216	6.40	2239	7.03	2285	7.65	2405	8.26	2525	8.67	2601	8.93	2653
	30	4.84	2174	5.69	2241	6.32	2263	6.95	2310	7.55	2431	8.16	2553	8.57	2629	8.82	2682
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
120%	15	5.61	1783	6.61	1838	7.34	1856	8.06	1894	8.77	1994	9.47	2093	9.94	2156	10.24	2199
	16	5.55	1797	6.53	1852	7.25	1871	7.97	1909	8.66	2010	9.36	2110	9.82	2174	10.12	2217
	17	5.48	1811	6.45	1867	7.17	1886	7.87	1925	8.56	2026	9.24	2127	9.71	2191	10.00	2235
	18	5.42	1826	6.37	1882	7.08	1901	7.78	1940	8.46	2042	9.13	2145	9.59	2209	9.88	2253
	19	5.35	1841	6.30	1898	7.00	1917	7.69	1956	8.36	2059	9.03	2162	9.48	2227	9.76	2271
	20	5.30	1856	6.24	1913	6.93	1932	7.61	1972	8.28	2075	8.94	2179	9.38	2245	9.67	2290
	21	5.24	1876	6.16	1934	6.84	1954	7.52	1993	8.18	2098	8.83	2203	9.27	2269	9.55	2315
	22	5.17	1897	6.09	1955	6.76	1975	7.43	2015	8.08	2121	8.72	2227	9.16	2294	9.43	2340
	23	5.11	1917	6.01	1977	6.68	1997	7.34	2037	7.98	2145	8.62	2252	9.05	2320	9.32	2366
	24	5.05	1939	5.94	1999	6.60	2019	7.25	2060	7.88	2168	8.52	2277	8.94	2345	9.21	2392
	25	4.99	1960	5.87	2021	6.52	2041	7.17	2083	7.79	2192	8.41	2302	8.83	2371	9.10	2418
	26	4.93	1981	5.80	2043	6.44	2063	7.08	2105	7.70	2216	8.31	2327	8.73	2397	8.99	2445
	27	4.87	2003	5.73	2065	6.37	2086	7.00	2129	7.60	2241	8.21	2353	8.62	2423	8.88	2472
	28	4.81	2025	5.66	2088	6.29	2109	6.91	2152	7.51	2265	8.11	2379	8.52	2450	8.78	2499
	29	4.75	2048	5.59	2111	6.21	2132	6.83	2176	7.42	2290	8.02	2405	8.42	2477	8.67	2526
	30	4.70	2070	5.53	2134	6.14	2156	6.75	2200	7.33	2315	7.92	2431	8.32	2504	8.57	2554
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
110%	15	5.45	1748	6.41	1802	7.13	1820	7.83	1857	8.51	1955	9.19	2052	9.65	2114	9.94	2156
	16	5.39	1762	6.34	1816	7.04	1834	7.74	1872	8.41	1970	9.08	2069	9.54	2131	9.82	2174
	17	5.32	1776	6.26	1831	6.96	1849	7.65	1887	8.31	1986	8.98	2086	9.42	2148	9.71	2191
	18	5.26	1790	6.19	1846	6.87	1864	7.55	1902	8.21	2002	8.87	2102	9.31	2166	9.59	2209
	19	5.20	1805	6.11	1860	6.79	1879	7.47	1918	8.11	2019	8.76	2119	9.20	2183	9.48	2227
	20	5.15	1819	6.05	1875	6.73	1894	7.39	1933	8.03	2035	8.68	2137	9.11	2201	9.38	2245
	21	5.08	1839	5.98	1896	6.65	1915	7.30	1954	7.94	2057	8.57	2160	9.00	2225	9.27	2269
	22	5.02	1859	5.91	1917	6.57	1936	7.21	1976	7.84	2080	8.47	2184	8.89	2249	9.16	2294
	23	4.96	1880	5.84	1938	6.49	1958	7.13	1998	7.75	2103	8.37	2208	8.79	2274	9.05	2320
	24	4.90	1901	5.77	1959	6.41	1979	7.04	2020	7.66	2126	8.27	2232	8.68	2299	8.94	2345
	25	4.84	1921	5.70	1981	6.33	2001	6.96	2042	7.56	2149	8.17	2257	8.58	2324	8.83	2371
	26	4.79	1943	5.63	2003	6.26	2023	6.87	2064	7.47	2173	8.07	2281	8.47	2350	8.73	2397
	27	4.73	1964	5.56	2025	6.18	2045	6.79	2087	7.38	2197	7.97	2307	8.37	2376	8.62	2423
	28	4.67	1986	5.50	2047	6.11	2068	6.71	2110	7.29	2221	7.88	2332	8.27	2402	8.52	2450
	29	4.62	2007	5.43	2069	6.03	2090	6.63	2133	7.21	2245	7.78	2358	8.17	2428	8.42	2477
	30	4.56	2029	5.37	2092	5.96	2113	6.55	2157	7.12	2270	7.69	2384	8.07	2455	8.32	2504

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
100%	15	5.29	1697	6.23	1749	6.92	1767	7.60	1803	8.26	1898	8.92	1993	9.37	2052	9.65	2093
	16	5.23	1710	6.15	1763	6.84	1781	7.51	1817	8.17	1913	8.82	2009	9.26	2069	9.54	2110
	17	5.17	1724	6.08	1777	6.75	1795	7.42	1832	8.07	1928	8.71	2025	9.15	2086	9.42	2127
	18	5.11	1738	6.01	1792	6.67	1810	7.33	1847	7.97	1944	8.61	2041	9.04	2102	9.31	2145
	19	5.05	1752	5.94	1806	6.60	1824	7.25	1862	7.88	1960	8.51	2058	8.93	2119	9.20	2162
	20	5.00	1766	5.88	1821	6.53	1839	7.18	1877	7.80	1976	8.42	2074	8.85	2137	9.11	2179
	21	4.94	1786	5.81	1841	6.45	1859	7.09	1897	7.71	1997	8.32	2097	8.74	2160	9.00	2203
	22	4.88	1805	5.74	1861	6.37	1880	7.00	1918	7.61	2019	8.22	2120	8.63	2184	8.89	2227
	23	4.82	1825	5.67	1882	6.30	1901	6.92	1939	7.52	2041	8.12	2144	8.53	2208	8.79	2252
	24	4.76	1845	5.60	1902	6.22	1921	6.84	1961	7.43	2064	8.03	2167	8.43	2232	8.68	2277
	25	4.70	1865	5.53	1923	6.15	1943	6.76	1982	7.34	2087	7.93	2191	8.33	2257	8.58	2302
	26	4.65	1886	5.47	1944	6.07	1964	6.67	2004	7.25	2110	7.84	2215	8.23	2281	8.47	2327
	27	4.59	1907	5.40	1966	6.00	1986	6.59	2026	7.17	2133	7.74	2239	8.13	2307	8.37	2353
	28	4.54	1928	5.34	1987	5.93	2007	6.52	2048	7.08	2156	7.65	2264	8.03	2332	8.27	2379
	29	4.48	1949	5.27	2009	5.86	2030	6.44	2071	7.00	2180	7.56	2289	7.93	2358	8.17	2405
	30	4.43	1970	5.21	2031	5.79	2052	6.36	2094	6.91	2204	7.47	2314	7.84	2384	8.07	2431

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
90%	15	5.11	1666	6.01	1718	6.68	1735	7.34	1770	7.97	1864	8.61	1957	9.04	2015	9.31	2056
	16	5.05	1680	5.94	1732	6.60	1749	7.25	1785	7.88	1879	8.51	1973	8.94	2032	9.20	2072
	17	4.99	1693	5.87	1745	6.52	1763	7.16	1799	7.79	1894	8.41	1988	8.83	2048	9.09	2089
	18	4.93	1707	5.80	1760	6.44	1777	7.08	1814	7.69	1909	8.31	2004	8.72	2065	8.99	2106
	19	4.87	1721	5.73	1774	6.36	1792	6.99	1828	7.60	1924	8.21	2021	8.62	2081	8.88	2123
	20	4.82	1734	5.67	1788	6.30	1806	6.92	1843	7.53	1940	8.13	2037	8.54	2098	8.79	2140
	21	4.76	1753	5.60	1808	6.23	1826	6.84	1863	7.44	1961	8.03	2059	8.43	2121	8.69	2164
	22	4.71	1773	5.54	1828	6.15	1846	6.76	1884	7.35	1983	7.94	2082	8.33	2144	8.58	2187
	23	4.65	1792	5.47	1848	6.08	1866	6.68	1904	7.26	2005	7.84	2105	8.23	2168	8.48	2211
	24	4.59	1812	5.40	1868	6.00	1887	6.60	1925	7.17	2027	7.75	2128	8.13	2192	8.38	2236
	25	4.54	1832	5.34	1889	5.93	1908	6.52	1947	7.09	2049	7.65	2151	8.04	2216	8.28	2260
	26	4.48	1852	5.28	1909	5.86	1929	6.44	1968	7.00	2072	7.56	2175	7.94	2240	8.18	2285
	27	4.43	1872	5.21	1930	5.79	1950	6.36	1990	6.92	2094	7.47	2199	7.84	2265	8.08	2310
	28	4.38	1893	5.15	1952	5.72	1971	6.29	2012	6.83	2117	7.38	2223	7.75	2290	7.98	2336
	29	4.32	1914	5.09	1973	5.65	1993	6.21	2034	6.75	2141	7.29	2248	7.66	2315	7.89	2361
	30	4.27	1935	5.03	1995	5.58	2015	6.14	2056	6.67	2164	7.20	2272	7.56	2341	7.79	2387

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15	-10	-5	0	5	10	15	20	-15	-10	-5	0	5	10	15	20
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
80%	15	4.95	1649	5.83	1700	6.48	1718	7.12	1753	7.73	1845	8.35	1937	8.77	1995	9.03	2035
	16	4.89	1663	5.76	1714	6.40	1732	7.03	1767	7.64	1860	8.25	1953	8.67	2011	8.93	2052
	17	4.84	1676	5.69	1728	6.32	1745	6.95	1781	7.55	1875	8.16	1969	8.56	2028	8.82	2068
	18	4.78	1690	5.62	1742	6.25	1760	6.87	1795	7.46	1890	8.06	1984	8.46	2044	8.72	2085
	19	4.72	1703	5.56	1756	6.17	1774	6.78	1810	7.37	1905	7.96	2000	8.36	2060	8.61	2102
	20	4.68	1717	5.50	1770	6.11	1788	6.72	1825	7.30	1921	7.89	2017	8.28	2077	8.53	2119
	21	4.62	1736	5.44	1790	6.04	1808	6.64	1845	7.21	1942	7.79	2039	8.18	2100	8.43	2142
	22	4.56	1755	5.37	1809	5.97	1828	6.56	1865	7.13	1963	7.70	2061	8.08	2123	8.32	2165
	23	4.51	1774	5.31	1829	5.90	1848	6.48	1885	7.04	1985	7.60	2084	7.99	2146	8.22	2189
	24	4.46	1794	5.24	1849	5.82	1868	6.40	1906	6.96	2006	7.51	2107	7.89	2170	8.13	2213
	25	4.40	1814	5.18	1870	5.75	1889	6.32	1927	6.87	2029	7.42	2130	7.79	2194	8.03	2238
	26	4.35	1834	5.12	1890	5.69	1909	6.25	1948	6.79	2051	7.33	2153	7.70	2218	7.93	2262
	27	4.30	1854	5.06	1911	5.62	1930	6.17	1970	6.71	2073	7.25	2177	7.61	2242	7.84	2287
	28	4.25	1874	4.99	1932	5.55	1952	6.10	1991	6.63	2096	7.16	2201	7.52	2267	7.74	2312
	29	4.19	1895	4.93	1953	5.48	1973	6.03	2013	6.55	2119	7.07	2225	7.43	2292	7.65	2338
	30	4.14	1916	4.88	1975	5.42	1995	5.95	2035	6.47	2143	6.99	2250	7.34	2317	7.56	2364

Remarks:
Q: Total Cooling Capacity (Gross) **kW**
INPUT: Power Input (including the compressor, evap. fan motor & cond. **W**
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

24K (Up to 4 IDUs)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA – OUTDOOR DB (°C) -15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
130%	21	18	7.39	4.43	0.60	1438	7.31	4.39	0.60	1451	7.24	4.34	0.60	1464	7.14	4.29	0.60	1476	7.07	4.24	0.60	1484	6.99	4.20	0.60	1533	6.90	4.14	0.60	1601	6.78	4.07	0.60	1709	6.62	3.97	0.60	1788	6.42	3.85	0.60	1855	5.90	3.54	0.60	1971	4.87	2.92	0.60	2046	4.01	2.41	0.60	2124
	21	20	7.69	3.69	0.48	1461	7.62	3.66	0.48	1474	7.53	3.62	0.48	1488	7.44	3.57	0.48	1500	7.36	3.53	0.48	1507	7.28	3.50	0.48	1556	7.18	3.45	0.48	1624	7.06	3.39	0.48	1732	6.89	3.31	0.48	1811	6.69	3.21	0.48	1879	6.14	2.95	0.48	1994	5.07	2.43	0.48	2069	4.18	2.01	0.48	2147
	22	18	7.62	4.87	0.64	1452	7.54	4.83	0.64	1466	7.46	4.77	0.64	1479	7.36	4.71	0.64	1491	7.29	4.67	0.64	1499	7.21	4.62	0.64	1548	7.11	4.55	0.64	1617	6.99	4.47	0.64	1726	6.82	4.37	0.64	1806	6.62	4.24	0.64	1874	6.08	3.89	0.64	1990	5.02	3.21	0.64	2066	4.14	2.65	0.64	2145
	22	20	7.85	4.08	0.52	1476	7.77	4.04	0.52	1489	7.69	4.00	0.52	1503	7.59	3.95	0.52	1515	7.51	3.91	0.52	1522	7.43	3.86	0.52	1572	7.33	3.81	0.52	1640	7.20	3.74	0.52	1750	7.03	3.66	0.52	1830	6.83	3.55	0.52	1897	6.27	3.26	0.52	2014	5.17	2.69	0.52	2090	4.27	2.22	0.52	2169
	22	22	7.98	3.19	0.40	1492	7.90	3.16	0.40	1506	7.82	3.13	0.40	1519	7.72	3.09	0.40	1531	7.64	3.06	0.40	1538	7.56	3.02	0.40	1588	7.45	2.98	0.40	1657	7.32	2.93	0.40	1766	7.15	2.86	0.40	1846	6.94	2.78	0.40	1914	6.37	2.55	0.40	2030	5.26	2.10	0.40	2106	4.34	1.74	0.40	2185
	23	18	7.77	5.29	0.68	1467	7.70	5.23	0.68	1480	7.61	5.18	0.68	1494	7.51	5.11	0.68	1506	7.44	5.06	0.68	1514	7.36	5.00	0.68	1564	7.26	4.93	0.68	1633	7.13	4.85	0.68	1743	6.96	4.73	0.68	1824	6.76	4.60	0.68	1893	6.20	4.22	0.68	2011	5.12	3.48	0.68	2087	4.22	2.87	0.68	2167
	23	20	8.01	4.49	0.56	1491	7.93	4.44	0.56	1504	7.84	4.39	0.56	1518	7.74	4.34	0.56	1530	7.67	4.29	0.56	1538	7.58	4.25	0.56	1588	7.48	4.19	0.56	1657	7.35	4.11	0.56	1767	7.17	4.02	0.56	1848	6.97	3.90	0.56	1917	6.39	3.58	0.56	2035	5.28	2.95	0.56	2111	4.35	2.44	0.56	2191
	23	22	8.15	3.58	0.44	1507	8.07	3.55	0.44	1521	7.98	3.51	0.44	1534	7.88	3.47	0.44	1546	7.80	3.43	0.44	1554	7.71	3.39	0.44	1604	7.61	3.35	0.44	1673	7.47	3.29	0.44	1784	7.30	3.21	0.44	1865	7.08	3.12	0.44	1933	6.50	2.86	0.44	2051	5.37	2.36	0.44	2128	4.43	1.95	0.44	2207
	24	18	7.93	5.71	0.72	1482	7.85	5.65	0.72	1495	7.77	5.59	0.72	1509	7.67	5.52	0.72	1521	7.59	5.47	0.72	1529	7.51	5.41	0.72	1580	7.40	5.33	0.72	1650	7.27	5.24	0.72	1761	7.10	5.11	0.72	1843	6.90	4.97	0.72	1912	6.33	4.56	0.72	2031	5.22	3.76	0.72	2108	4.31	3.10	0.72	2189
	24	20	8.17	4.90	0.60	1506	8.09	4.86	0.60	1520	8.00	4.80	0.60	1533	7.90	4.74	0.60	1546	7.82	4.69	0.60	1553	7.74	4.64	0.60	1604	7.63	4.58	0.60	1674	7.50	4.50	0.60	1785	7.32	4.39	0.60	1867	7.11	4.26	0.60	1936	6.52	3.91	0.60	2055	5.38	3.23	0.60	2133	4.44	2.66	0.60	2213
	24	22	8.31	3.99	0.48	1523	8.23	3.95	0.48	1536	8.14	3.91	0.48	1550	8.04	3.86	0.48	1562	7.96	3.82	0.48	1570	7.87	3.78	0.48	1621	7.76	3.73	0.48	1690	7.62	3.66	0.48	1802	7.45	3.57	0.48	1883	7.23	3.47	0.48	1953	6.64	3.19	0.48	2072	5.47	2.63	0.48	2149	4.52	2.17	0.48	2230
	24	24	8.43	3.03	0.36	1542	8.35	3.00	0.36	1556	8.25	2.97	0.36	1569	8.15	2.93	0.36	1581	8.07	2.90	0.36	1589	7.98	2.87	0.36	1640	7.87	2.83	0.36	1710	7.73	2.78	0.36	1821	7.55	2.72	0.36	1903	7.33	2.64	0.36	1972	6.73	2.42	0.36	2091	5.55	2.00	0.36	2169	4.58	1.65	0.36	2249
	25	18	8.18	6.21	0.76	1497	8.10	6.15	0.76	1510	8.01	6.09	0.76	1524	7.90	6.01	0.76	1537	7.83	5.95	0.76	1544	7.74	5.88	0.76	1596	7.63	5.80	0.76	1666	7.50	5.70	0.76	1779	7.32	5.57	0.76	1861	7.11	5.40	0.76	1931	6.53	4.96	0.76	2051	5.38	4.09	0.76	2130	4.44	3.38	0.76	2211
	25	20	8.43	5.39	0.64	1521	8.34	5.34	0.64	1535	8.25	5.28	0.64	1549	8.15	5.21	0.64	1561	8.07	5.16	0.64	1569	7.98	5.11	0.64	1620	7.87	5.04	0.64	1691	7.73	4.95	0.64	1803	7.55	4.83	0.64	1886	7.33	4.69	0.64	1956	6.73	4.31	0.64	2076	5.55	3.55	0.64	2154	4.58	2.93	0.64	2236
	25	22	8.57	4.46	0.52	1538	8.48	4.41	0.52	1552	8.39	4.36	0.52	1565	8.28	4.31	0.52	1578	8.20	4.27	0.52	1586	8.11	4.22	0.52	1637	8.00	4.16	0.52	1707	7.86	4.09	0.52	1820	7.68	3.99	0.52	1902	7.45	3.88	0.52	1972	6.84	3.56	0.52	2093	5.64	2.93	0.52	2171	4.66	2.42	0.52	2252
	25	24	8.69	3.48	0.40	1558	8.60	3.44	0.40	1571	8.51	3.40	0.40	1585	8.40	3.36	0.40	1597	8.32	3.33	0.40	1605	8.23	3.29	0.40	1657	8.11	3.25	0.40	1727	7.97	3.19	0.40	1840	7.78	3.11	0.40	1922	7.56	3.02	0.40	1992	6.94	2.77	0.40	2112	5.72	2.29	0.40	2190	4.72	1.89	0.40	2272
	26	18	8.43	6.74	0.80	1512	8.35	6.68	0.80	1526	8.25	6.60	0.80	1540	8.15	6.52	0.80	1552	8.07	6.45	0.80	1560	7.98	6.38	0.80	1612	7.87	6.30	0.80	1683	7.73	6.18	0.80	1797	7.55	6.04	0.80	1880	7.33	5.86	0.80	1951	6.73	5.38	0.80	2072	5.55	4.44	0.80	2151	4.58	3.66	0.80	2233
	26	20	8.69	5.91	0.68	1537	8.60	5.85	0.68	1550	8.51	5.78	0.68	1564	8.40	5.71	0.68	1577	8.31	5.65	0.68	1585	8.22	5.59	0.68	1637	8.11	5.52	0.68	1708	7.97	5.42	0.68	1822	7.78	5.29	0.68	1905	7.55	5.14	0.68	1975	6.93	4.72	0.68	2097	5.72	3.89	0.68	2176	4.72	3.21	0.68	2258
	26	22	8.83	4.95	0.56	1553	8.75	4.90	0.56	1567	8.65	4.85	0.56	1581	8.54	4.78	0.56	1594	8.46	4.74	0.56	1602	8.36	4.68	0.56	1653	8.25	4.62	0.56	1725	8.10	4.54	0.56	1838	7.91	4.43	0.56	1922	7.68	4.30	0.56	1992	7.05	3.95	0.56	2114	5.82	3.26	0.56	2193	4.80	2.69	0.56	2275
	26	24	8.96	3.94	0.44	1573	8.87	3.90	0.44	1587	8.77	3.86	0.44	1601	8.66	3.81	0.44	1614	8.57	3.77	0.44	1621	8.48	3.73	0.44	1673	8.36	3.68	0.44	1744	8.22	3.62	0.44	1858	8.02	3.53	0.44	1941	7.79	3.43	0.44	2012	7.15	3.15	0.44	2134	5.90	2.60	0.44	2213	4.87	2.14	0.44	2295
	26	26	9.10	2.91	0.32	1596	9.01	2.88	0.32	1610	8.91	2.85	0.32	1624	8.80	2.82	0.32	1636	8.71	2.79	0.32	1644	8.62	2.76	0.32	1696	8.50	2.72	0.32	1767	8.35	2.67	0.32	1881	8.15	2.61	0.32	1964	7.91	2.53	0.32	2035	7.27	2.33	0.32	2156	5.99	1.92	0.32	2235	4.95	1.58	0.32	2318
	27	18	8.60	7.22	0.84	1527	8.52	7.15	0.84	1541	8.42	7.08	0.84	1555	8.31	6.98	0.84	1568	8.23	6.92	0.84	1576	8.14	6.84	0.84	1628	8.03	6.75	0.84	1700	7.89	6.63	0.84	1815	7.70	6.47	0.84	1899	7.48	6.28	0.84	1970	6.87	5.77	0.84	2093	5.66	4.76	0.84	2173	4.67	3.93	0.84	2256
	27	19	8.78	6.85	0.78	1537	8.69	6.78	0.78	1551	8.59	6.70	0.78	1565	8.48	6.62	0.78	1578	8.40	6.55	0.78	1586	8.31	6.48	0.78	1638	8.19	6.39	0.78	1710	8.05	6.28	0.78	1825	7.86	6.13	0.78	1909	7.63	5.95	0.78	1980	7.01	5.46	0.78	2103	5.78	4.51	0.78	2183	4.77	3.72	0.78	2266
	27	20	8.86	6.38	0.72	1552	8.78	6.32	0.72	1566	8.68	6.25	0.72	1580	8.57	6.17	0.72	1593	8.48	6.11	0.72	1601	8.39	6.04	0.72	1653	8.28	5.96	0.72	1725	8.13	5.85	0.72	1840	7.94	5.72	0.72	1924	7.71	5.55	0.72	1995	7.08	5.09	0.72	2118	5.84	4.20	0.72	2198	4.82	3.47	0.72	2281
	27	22	9.01	5.41	0.60	1569	8.93	5.36	0.60	1583	8.83	5.30	0.60	1597	8.72	5.23	0.60	1610	8.63	5.18	0.60	1618	8.54	5.12	0.60	1670	8.42	5.05	0.60	1742	8.27	4.96	0.60	1857	8.07	4.84	0.60	1941	7.84	4.70	0.60	2012	7.20	4.32	0.60	2135	5.94	3.56	0.60	2215	4.90	2.94	0.60	2298
	27	24	9.14	4.39	0.48	1589	9.05	4.34	0.48	1603	8.95	4.30	0.48	1617	8.84	4.24	0.48	1630	8.75	4.20	0.48	1638	8.65	4.15	0.48	1690	8.54	4.10	0.48	1762	8.38	4.02	0.48	1877	8.19	3.93	0.48	1961	7.95	3.82	0.48	2032	7.30	3.50	0.48	2155	6.02	2.89	0.48	2235	4.97	2.38	0.48	2318
	27	26	9.29	3.34	0.36	1612	9.20	3.31	0.36	1626	9.10	3.27	0.36	1640	8.98	3.23	0.36	1653	8.89	3.20	0.36	1661	8.79	3.17	0.36	1713	8.67	3.12	0.36	1785	8.52	3.07	0.36	1900	8.32	2.99	0.36	1984	8.08	2.91	0.36	2055	7.41	2.67	0.36	2178	6.12	2.20	0.36	2258	5.05	1.82	0.36	2341
	28	18	8.69	7.64	0.88	1542	8.60	7.57	0.88	1557	8.51	7.49	0.88	1571	8.40	7.39	0.88	1584	8.31	7.32	0.88	1592	8.22	7.24	0.88	1644	8.11	7.14	0.88	1717	7.97	7.01	0.88	1833	7.78	6.85	0.88	1918	7.55	6.65	0.88	1990	6.93	6.10	0.88	2114	5.72	5.03	0.88	2195	4.72	4.15	0.88	2278
	28	20	8.86	6.74	0.76	1568	8.78	6.67	0.76	1582	8.68	6.60	0.76	1596	8.57	6.51	0.76	1609	8.48	6.45	0.76	1617	8.39	6.38	0.76	1670	8.28	6.29	0.76	1742	8.13	6.18	0.76	1858	7.94	6.03	0.76	1943	7.71	5.86	0.76	2015	7.08	5.38	0.76	2139	5.84	4.44	0.76	2220	4.82	3.66	0.76	2304
	28	22	8.95	5.73	0.64	1585	8.86	5.67	0.64	1599	8.77	5.61	0.64	1613	8.66	5.54	0.64	1626	8.57	5.48	0.64	1634	8.48	5.42	0.64	1687	8.36	5.35	0.64	1759	8.21	5.26	0.64	1876	8.02	5.13	0.64	1960	7.79	4.98	0.64	2032	7.15	4.57	0.64	2156	5.90	3.77	0.64	2237	4.86	3.11	0.64	2321
	28	24	9.10	4.73	0.52	1605	9.01	4.69	0.52	1619	8.92	4.64	0.52	1633	8.80	4.58	0.52	1646	8.72	4.53	0.52	1654	8.62	4.48	0.52	1707	8.50	4.42	0.52	1780	8.35	4.34	0.52	1896	8.16	4.24	0.52	1981	7.92	4.12	0.52	2053	7.27	3.78	0.52	2177	6.00	3.12	0.52	2257	4.95	2.57	0.52	2341
	28	26	9.23	3.69	0.40	1628	9.14	3.66	0.40	1642	9.04	3.62	0.40	1657	8.93	3.57	0.40	1669	8.84	3.53	0.40	1677	8.74	3.50	0.40	1730	8.62	3.45	0.40	1803	8.47	3.39	0.40	1919	8.27	3.31	0.40	2004	8.03	3.21	0.40	2076	7.37	2.95	0.40	2200	6.08	2.43	0.40	2281	5.02	2.01	0.40	2364
	29	18	8.77	7.90	0.90	1558	8.69	7.82	0.90	1572	8.59	7.73	0.90	1586	8.48	7.63	0.90	1599	8.40	7.56	0.90	1607	8.31	7.48	0.90	1661	8.19	7.37	0.90	1734	8.05	7.24	0.90	1851	7.86	7.07	0.90	1937	7.63	6.87	0.90	2010	7.00	6.30	0.90	2135	5.78	5.20	0.90	2217	4.77	4.29	0.90	2301
	29	20	8.95	7.16	0.80	1583	8.86	7.09	0.80	1598	8.77	7.01	0.80	1612	8.66	6.92	0.80	1625	8.57	6.86	0.80	1633	8.48	6.78	0.80	1686	8.36	6.69	0.80	1760	8.21	6.57	0.80	1877	8.02	6.42	0.80	1963	7.79	6.23	0.80	2035	7.15	5.72	0.80	2161	5.90	4.72	0.80	2242	4.86	3.89	0.80	2327
	29	22	9.13	6.21	0.68	1601	9.04	6.15	0.68	1615	8.94	6.08	0.68	1629	8.83	6.00	0.68	1642	8.74	5.94	0.68	1650	8.65	5.88	0.68	1704	8.53	5.80	0.68	1777	8.38	5.70	0.68	1894	8.18	5.56	0.68	1980	7.94	5.40	0.68	2053	7.29	4.96	0.68	2178	6.01	4.09	0.68	2259	4.96	3.37	0.68	2344
	29	24	9.20	5.15	0.56	1621	9.10	5.10	0.56	1635	9.01	5.04	0.56	1650	8.89	4.98	0.56	1663	8.80	4.93	0.56	1671	8.71	4.88	0.56	1724	8.59	4.81	0.56	1797	8.43	4.72	0.56	1915	8.24	4.61	0.56	2000	8.00	4.48	0.56	2073	7.34	4.11	0.56	2198	6.06	3.39	0.56	2280	5.00	2.80	0.56	2365
	29	26	9.32	4.10	0.44	1645	9.23	4.06	0.44	1659	9.13	4.02	0.44	1673	9.01	3.97	0.44	1686	8.93	3.93	0.44	1694	8.83	3.88	0.44	1748	8.71	3.83	0.44	1821	8.55	3.76	0.44	1938	8.35	3.67	0.44	2024	8.11	3.57	0.44	2097	7.44	3.28	0.44	2222	6.14	2.70	0.44	2303	5.07	2.23	0.44	2388
	30	18	8.86	7.98	0.90	1573	8.77	7.90	0.90	1588	8.68	7.81	0.90	1602	8.57	7.71	0.90	1615	8.48	7.63	0.90	1624	8.39	7.55	0.90	1678	8.27	7.45	0.90	1752	8.13	7.31	0.90	1870	7.94	7.14	0.90	1957	7.71	6.94	0.90	2030	7.07	6.37	0.90	2156	5.84	5.25	0.90	2239	4.81	4.33	0.90	2324
	30	20	9.04	7.60	0.84	1599	8.95	7.52	0.84	1614	8.86	7.44	0.84	1628	8.74	7.34	0.84	1641	8.66	7.27	0.84	1649	8.56	7.19	0.84	1703	8.44	7.09	0.84	1777	8.29	6.97	0.84	1896	8.10	6.80	0.84	1982	7.86	6.61	0.84	2056	7.22	6.06	0.84	2182	5.96	5.00	0.84	2265	4.91	4.13	0.84	2350
	30	22	9.22	6.64	0.72	1617	9.13	6.57	0.72	1631	9.03	6.50	0.72	1646	8.92	6.42	0.72	1659	8.83	6.36	0.72	1667	8.73	6.29	0.72	1721	8.61	6.20	0.72	1795	8.46	6.09	0.72	1913	8.26	5.95	0.72	2000	8.02	5.77	0.72	2073	7.36	5.30	0.72	2200	6.07	4.37	0.72	2282	5.01	3.61	0.72	2368
	30	24	9.29	5.57	0.60	1637	9.20	5.52	0.60	1652	9.10	5.46	0.60	1666	8.98	5.39	0.60	1679	8.89	5.33	0.60	1687	8.79	5.28	0.60	1741	8.67	5.20	0.60	1815	8.52	5.11	0.60	1934	8.32	4.99	0.60	2020	8.08	4.85	0.60	2094	7.41	4.45	0.60	2220	6.12	3.67	0.60	2303	5.05	3.03	0.60	2388
	30	26	9.42	4.52	0.48	1661	9.32	4.48	0.48	1675	9.22	4.43	0.48	1690	9.10	4.37	0.48	1703	9.01	4.33	0.48	1711	8.92	4.28	0.48	1765	8.79	4.22	0.48	1839	8.64	4.15	0.48	1958	8.44	4.05	0.48	2044	8.19	3.93	0.48	2118	7.52	3.61	0.48	2244	6.20	2.98	0.48	2326	5.12	2.46	0.48	2412
	31	18	8.95	8.06	0.90	1589	8.86	7.98	0.90	1604	8.77	7.89	0.90	1618	8.65	7.79	0.90	1632	8.57	7.71	0.90	1640	8.47	7.63	0.90	1694	8.36	7.52	0.90	1769	8.21	7.39	0.90	1889	8.02	7.21	0.90	1976	7.78	7.00	0.90	2050	7.14	6.43	0.90	2178	5.89	5.31	0.90	2261	4.86	4.38	0.90	2348
	31	20	9.13	8.04	0.88	1615	9.04	7.96	0.88	1630	8.94	7.87	0.88	1644	8.83	7.77	0.88	1658	8.74	7.69	0.88	1666	8.65	7.61	0.88	1720	8.53	7.50	0.88	1795	8.38	7.37	0.88	1915	8.18	7.20	0.88	2002	7.94	6.99	0.88	2076	7.29	6.42	0.88	2204	6.01	5.29	0.88	2287	4.96	4.37	0.88	2374
	31	22	9.32	7.08	0.76	1633	9.22	7.01	0.76	1647	9.12	6.93	0.76	1662	9.01	6.84	0.76	1675	8.92	6.78	0.76	1683	8.82	6.70	0.76	1738	8.70	6.61	0.76	1813	8.54	6.49	0.76	1932	8.34	6.34	0.76	2020	8.10	6.16	0.76	2094	7.44	5.65	0.76	2222	6.14	4.66	0.76	2305	5.06	3.85	0.76	2391
	31	24	9.38	6.00	0.64	1654	9.29	5.94	0.64	1668	9.19	5.88	0.64	1683	9.07	5.80	0.64	1696	8.98	5.75	0.64	1704	8.88	5.68	0.64	1759	8.76	5.61	0.64	1834	8.60	5.51	0.64	1953	8.40	5.38	0.64	2041	8.16	5.22	0.64	2115	7.49	4.79	0.64	2243	6.18	3.95	0.64	2326	5.10	3.26	0.64	2412
	31	26	9.51	4.95	0.52	1678	9.42	4.90	0.52	1692	9.32	4.84	0.52	1707	9.20	4.78	0.52	1720	9.10	4.73	0.52	1728	9.01	4.68	0.52	1783	8.88	4.62	0.52	1857	8.72	4.54	0.52	1977	8.52	4.43	0.52	2065	8.27	4.30	0.52	2139	7.59	3.95	0.52	2266	6.26	3.26	0.52	2350	5.17	2.69	0.52	2436
	32	18	9.04	8.14	0.90	1605	8.95	8.06	0.90	1620	8.85	7.97	0.90	1635	8.74	7.87	0.90	1648	8.65	7.79	0.90	1656	8.56	7.70	0.90	1711	8.44	7.60	0.90	1787	8.29	7.46	0.90	1908	8.10	7.29	0.90	1996	7.86	7.07	0.90	2071	7.22	6.49	0.90	2200	5.95	5.36	0.90	2284	4.91	4.42	0.90	2371
	32	20	9.22	8.30	0.90	1631	9.13	8.22	0.90	1646	9.03	8.13	0.90	1661	8.92	8.03	0.90	1674	8.83	7.95	0.90	1682	8.73	7.86	0.90	1738	8.61	7.75	0.90	1813	8.46	7.61	0.90	1934	8.26	7.44	0.90	2022	8.02	7.22	0.90	2097	7.36	6.63	0.90	2226	6.07	5.47	0.90	2310	5.01	4.51	0.90	2397
	32	22	9.41	7.53	0.80	1649	9.32	7.45	0.80	1664	9.21	7.37	0.80	1679	9.10	7.28	0.80	1692	9.01	7.20	0.80	1700	8.91	7.13	0.80	1755	8.78	7.03	0.80	1831	8.63	6.90	0.80	1952	8.43	6.74	0.80	2040	8.18	6.55	0.80	2115	7.51	6.01	0.80	2244	6.20	4.96	0.80	2328	5.11	4.09	0.80	2415
	32	24	9.47	6.44	0.68	1670	9.38	6.38	0.68	1685	9.28	6.31	0.68	1700	9.16	6.23	0.68	1713	9.07	6.17	0.68	1721	8.97	6.10	0.68	1776	8.85	6.02	0.68	1852	8.69	5.91	0.68	1973	8.49	5.77	0.68	2061	8.24	5.60	0.68	2136	7.56	5.14	0.68	2265	6.24	4.24	0.68	2349	5.15	3.50	0.68	2436
	32	26	9.61	5.38	0.56	1694	9.51	5.33	0.56	1709	9.41	5.27	0.56	1724	9.29	5.20	0.56	1737	9.20	5.15	0.56	1745	9.10	5.09	0.56	1801	8.97	5.02	0.56	1876	8.81	4.93	0.56	1997	8.61	4.82	0.56	2085	8.35	4.68	0.56	2160	7.67	4.29	0.56	2289	6.33	3.54	0.56	2373	5.22	2.92	0.56	2460

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

COMBINATION (%)	IDDB (°C)	ID WB (°C)	OUTDOOR DB (°C) -15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
120%	21	18	7.32	4.39	0.60	1424	7.25	4.35	0.60	1437	7.17	4.30	0.60	1450	7.08	4.25	0.60	1462	7.01	4.20	0.60	1469	6.93	4.16	0.60	1518	6.83	4.10	0.60	1585	6.71	4.03	0.60	1692	6.56	3.93	0.60	1771	6.36	3.82	0.60	1837	5.84	3.51	0.60	1952	4.82	2.89	0.60	2026	3.98	2.39	0.60	2103
	21	20	7.62	3.66	0.48	1447	7.54	3.62	0.48	1461	7.46	3.58	0.48	1474	7.37	3.54	0.48	1485	7.29	3.50	0.48	1493	7.21	3.46	0.48	1542	7.12	3.42	0.48	1609	6.99	3.35	0.48	1716	6.83	3.28	0.48	1794	6.63	3.18	0.48	1861	6.08	2.92	0.48	1975	5.02	2.41	0.48	2050	4.14	1.99	0.48	2127
	22	18	7.54	4.83	0.64	1438	7.47	4.78	0.64	1451	7.39	4.73	0.64	1465	7.29	4.67	0.64	1477	7.22	4.62	0.64	1484	7.14	4.57	0.64	1533	7.04	4.51	0.64	1601	6.92	4.43	0.64	1709	6.76	4.33	0.64	1789	6.56	4.20	0.64	1856	6.02	3.85	0.64	1971	4.97	3.18	0.64	2047	4.10	2.62	0.64	2125
	22	20	7.78	4.04	0.52	1462	7.70	4.00	0.52	1475	7.61	3.96	0.52	1489	7.52	3.91	0.52	1500	7.44	3.87	0.52	1508	7.36	3.83	0.52	1557	7.26	3.78	0.52	1625	7.13	3.71	0.52	1733	6.96	3.62	0.52	1812	6.76	3.52	0.52	1879	6.21	3.23	0.52	1995	5.12	2.66	0.52	2070	4.22	2.20	0.52	2149
	22	22	7.91	3.16	0.40	1478	7.83	3.13	0.40	1491	7.74	3.10	0.40	1505	7.65	3.06	0.40	1517	7.57	3.03	0.40	1524	7.49	2.99	0.40	1573	7.38	2.95	0.40	1641	7.25	2.90	0.40	1749	7.08	2.83	0.40	1828	6.88	2.75	0.40	1896	6.31	2.53	0.40	2011	5.21	2.08	0.40	2087	4.30	1.72	0.40	2165
	23	18	7.70	5.24	0.68	1453	7.62	5.18	0.68	1466	7.54	5.13	0.68	1480	7.44	5.06	0.68	1492	7.37	5.01	0.68	1499	7.29	4.96	0.68	1549	7.19	4.89	0.68	1617	7.06	4.80	0.68	1727	6.90	4.69	0.68	1807	6.69	4.55	0.68	1874	6.15	4.18	0.68	1991	5.07	3.45	0.68	2067	4.18	2.84	0.68	2146
	23	20	7.93	4.44	0.56	1477	7.86	4.40	0.56	1490	7.77	4.35	0.56	1504	7.67	4.30	0.56	1516	7.59	4.25	0.56	1523	7.51	4.21	0.56	1573	7.41	4.15	0.56	1641	7.28	4.08	0.56	1751	7.11	3.98	0.56	1831	6.90	3.86	0.56	1898	6.33	3.55	0.56	2015	5.23	2.93	0.56	2091	4.31	2.41	0.56	2170
	23	22	8.07	3.55	0.44	1493	7.99	3.52	0.44	1506	7.90	3.48	0.44	1520	7.80	3.43	0.44	1532	7.72	3.40	0.44	1539	7.64	3.36	0.44	1589	7.53	3.32	0.44	1658	7.40	3.26	0.44	1767	7.23	3.18	0.44	1847	7.02	3.09	0.44	1915	6.44	2.83	0.44	2032	5.31	2.34	0.44	2108	4.38	1.93	0.44	2187
	24	18	7.86	5.66	0.72	1468	7.78	5.60	0.72	1481	7.69	5.54	0.72	1494	7.59	5.47	0.72	1507	7.52	5.41	0.72	1514	7.44	5.36	0.72	1565	7.34	5.28	0.72	1634	7.21	5.19	0.72	1744	7.04	5.07	0.72	1825	6.83	4.92	0.72	1893	6.27	4.52	0.72	2011	5.17	3.73	0.72	2088	4.27	3.07	0.72	2168
	24	20	8.10	4.86	0.60	1492	8.02	4.81	0.60	1505	7.93	4.76	0.60	1519	7.83	4.70	0.60	1531	7.75	4.65	0.60	1539	7.67	4.60	0.60	1589	7.56	4.54	0.60	1658	7.43	4.46	0.60	1768	7.25	4.35	0.60	1849	7.04	4.22	0.60	1918	6.46	3.88	0.60	2036	5.33	3.20	0.60	2112	4.40	2.64	0.60	2192
	24	22	8.23	3.95	0.48	1508	8.15	3.91	0.48	1522	8.06	3.87	0.48	1535	7.96	3.82	0.48	1547	7.88	3.78	0.48	1555	7.80	3.74	0.48	1605	7.69	3.69	0.48	1674	7.55	3.63	0.48	1785	7.38	3.54	0.48	1866	7.16	3.44	0.48	1934	6.57	3.16	0.48	2052	5.42	2.60	0.48	2129	4.47	2.15	0.48	2209
	24	24	8.35	3.01	0.36	1528	8.27	2.98	0.36	1541	8.18	2.94	0.36	1555	8.07	2.91	0.36	1567	7.99	2.88	0.36	1574	7.90	2.85	0.36	1625	7.80	2.81	0.36	1694	7.66	2.76	0.36	1804	7.48	2.69	0.36	1885	7.26	2.61	0.36	1954	6.67	2.40	0.36	2072	5.50	1.98	0.36	2148	4.54	1.63	0.36	2228
	25	18	8.10	6.16	0.76	1482	8.02	6.09	0.76	1496	7.93	6.03	0.76	1510	7.83	5.95	0.76	1522	7.75	5.89	0.76	1530	7.67	5.83	0.76	1580	7.56	5.75	0.76	1650	7.43	5.65	0.76	1762	7.25	5.51	0.76	1843	7.04	5.35	0.76	1912	6.47	4.91	0.76	2032	5.33	4.05	0.76	2109	4.40	3.34	0.76	2190
	25	20	8.35	5.34	0.64	1507	8.26	5.29	0.64	1520	8.17	5.23	0.64	1534	8.07	5.16	0.64	1546	7.99	5.11	0.64	1554	7.90	5.06	0.64	1605	7.79	4.99	0.64	1675	7.66	4.90	0.64	1786	7.48	4.78	0.64	1868	7.26	4.65	0.64	1937	6.66	4.26	0.64	2056	5.50	3.52	0.64	2134	4.54	2.90	0.64	2214
	25	22	8.49	4.41	0.52	1524	8.40	4.37	0.52	1537	8.31	4.32	0.52	1551	8.21	4.27	0.52	1563	8.13	4.23	0.52	1571	8.04	4.18	0.52	1622	7.93	4.12	0.52	1691	7.79	4.05	0.52	1803	7.60	3.95	0.52	1884	7.38	3.84	0.52	1954	6.78	3.52	0.52	2073	5.59	2.91	0.52	2150	4.61	2.40	0.52	2231
	25	24	8.61	3.44	0.40	1543	8.52	3.41	0.40	1557	8.43	3.37	0.40	1570	8.32	3.33	0.40	1583	8.24	3.30	0.40	1590	8.15	3.26	0.40	1641	8.04	3.21	0.40	1711	7.89	3.16	0.40	1823	7.71	3.08	0.40	1904	7.49	2.99	0.40	1973	6.87	2.75	0.40	2092	5.67	2.27	0.40	2170	4.68	1.87	0.40	2251
	26	18	8.35	6.68	0.80	1497	8.27	6.61	0.80	1511	8.18	6.54	0.80	1525	8.07	6.46	0.80	1537	7.99	6.39	0.80	1545	7.90	6.32	0.80	1596	7.80	6.24	0.80	1667	7.66	6.13	0.80	1780	7.48	5.98	0.80	1862	7.26	5.81	0.80	1932	6.67	5.33	0.80	2052	5.50	4.40	0.80	2131	4.54	3.63	0.80	2212
	26	20	8.60	5.85	0.68	1522	8.52	5.79	0.68	1536	8.43	5.73	0.68	1550	8.32	5.66	0.68	1562	8.24	5.60	0.68	1570	8.15	5.54	0.68	1621	8.03	5.46	0.68	1692	7.89	5.37	0.68	1804	7.71	5.24	0.68	1887	7.48	5.09	0.68	1957	6.87	4.67	0.68	2077	5.67	3.85	0.68	2155	4.68	3.18	0.68	2237
	26	22	8.75	4.90	0.56	1539	8.66	4.85	0.56	1553	8.57	4.80	0.56	1566	8.46	4.74	0.56	1579	8.38	4.69	0.56	1587	8.29	4.64	0.56	1638	8.17	4.58	0.56	1708	8.03	4.49	0.56	1821	7.84	4.39	0.56	1903	7.61	4.26	0.56	1973	6.99	3.91	0.56	2094	5.76	3.23	0.56	2172	4.75	2.66	0.56	2253
	26	24	8.87	3.90	0.44	1559	8.79	3.87	0.44	1572	8.69	3.82	0.44	1586	8.58	3.77	0.44	1599	8.49	3.74	0.44	1606	8.40	3.70	0.44	1658	8.29	3.65	0.44	1728	8.14	3.58	0.44	1841	7.95	3.50	0.44	1923	7.72	3.40	0.44	1993	7.08	3.12	0.44	2114	5.84	2.57	0.44	2192	4.82	2.12	0.44	2273
	26	26	9.02	2.89	0.32	1581	8.93	2.86	0.32	1595	8.83	2.83	0.32	1609	8.72	2.79	0.32	1621	8.63	2.76	0.32	1629	8.54	2.73	0.32	1681	8.42	2.69	0.32	1751	8.27	2.65	0.32	1864	8.08	2.58	0.32	1946	7.84	2.51	0.32	2016	7.20	2.30	0.32	2136	5.94	1.90	0.32	2215	4.90	1.57	0.32	2296
	27	18	8.52	7.16	0.84	1512	8.44	7.09	0.84	1526	8.34	7.01	0.84	1540	8.24	6.92	0.84	1553	8.15	6.85	0.84	1561	8.07	6.78	0.84	1613	7.95	6.68	0.84	1684	7.81	6.56	0.84	1798	7.63	6.41	0.84	1881	7.41	6.22	0.84	1951	6.80	5.71	0.84	2073	5.61	4.71	0.84	2152	4.63	3.89	0.84	2234
	27	19	8.69	6.78	0.78	1522	8.61	6.71	0.78	1536	8.51	6.64	0.78	1550	8.40	6.56	0.78	1563	8.32	6.49	0.78	1571	8.23	6.42	0.78	1623	8.12	6.33	0.78	1694	7.97	6.22	0.78	1808	7.79	6.07	0.78	1891	7.56	5.90	0.78	1961	6.94	5.41	0.78	2083	5.73	4.47	0.78	2162	4.72	3.68	0.78	2244
	27	20	8.78	6.32	0.72	1537	8.69	6.26	0.72	1551	8.60	6.19	0.72	1565	8.49	6.11	0.72	1578	8.40	6.05	0.72	1586	8.31	5.99	0.72	1638	8.20	5.90	0.72	1709	8.05	5.80	0.72	1823	7.86	5.66	0.72	1906	7.64	5.50	0.72	1976	7.01	5.05	0.72	2098	5.78	4.16	0.72	2177	4.77	3.43	0.72	2259
	27	22	8.93	5.36	0.60	1554	8.84	5.30	0.60	1568	8.75	5.25	0.60	1582	8.63	5.18	0.60	1595	8.55	5.13	0.60	1603	8.45	5.07	0.60	1655	8.34	5.00	0.60	1726	8.19	4.91	0.60	1840	8.00	4.80	0.60	1923	7.77	4.66	0.60	1993	7.13	4.28	0.60	2115	5.88	3.53	0.60	2194	4.85	2.91	0.60	2276
	27	24	9.05	4.35	0.48	1574	8.97	4.30	0.48	1588	8.87	4.26	0.48	1602	8.75	4.20	0.48	1615	8.67	4.16	0.48	1623	8.57	4.11	0.48	1675	8.45	4.06	0.48	1746	8.30	3.99	0.48	1860	8.11	3.89	0.48	1943	7.87	3.78	0.48	2013	7.23	3.47	0.48	2135	5.96	2.86	0.48	2214	4.92	2.36	0.48	2296
	27	26	9.20	3.31	0.36	1597	9.11	3.28	0.36	1611	9.01	3.24	0.36	1625	8.89	3.20	0.36	1638	8.81	3.17	0.36	1646	8.71	3.14	0.36	1698	8.59	3.09	0.36	1769	8.44	3.04	0.36	1883	8.24	2.97	0.36	1966	8.00	2.88	0.36	2036	7.34	2.64	0.36	2158	6.06	2.18	0.36	2237	5.00	1.80	0.36	2319
	28	18	8.60	7.57	0.88	1528	8.52	7.50	0.88	1542	8.43	7.42	0.88	1556	8.32	7.32	0.88	1568	8.24	7.25	0.88	1576	8.15	7.17	0.88	1629	8.03	7.07	0.88	1700	7.89	6.95	0.88	1816	7.71	6.78	0.88	1900	7.48	6.58	0.88	1971	6.87	6.04	0.88	2094	5.67	4.99	0.88	2174	4.68	4.11	0.88	2257
	28	20	8.78	6.67	0.76	1553	8.69	6.61	0.76	1567	8.60	6.54	0.76	1581	8.49	6.45	0.76	1594	8.40	6.39	0.76	1601	8.31	6.32	0.76	1654	8.20	6.23	0.76	1726	8.05	6.12	0.76	1841	7.86	5.98	0.76	1925	7.64	5.80	0.76	1996	7.01	5.33	0.76	2119	5.78	4.39	0.76	2199	4.77	3.63	0.76	2282
	28	22	8.87	5.68	0.64	1570	8.78	5.62	0.64	1584	8.68	5.56	0.64	1598	8.57	5.49	0.64	1611	8.49	5.43	0.64	1619	8.40	5.37	0.64	1671	8.28	5.30	0.64	1743	8.13	5.21	0.64	1858	7.94	5.08	0.64	1942	7.71	4.94	0.64	2013	7.08	4.53	0.64	2136	5.84	3.74	0.64	2216	4.82	3.08	0.64	2299
	28	24	9.02	4.69	0.52	1590	8.93	4.64	0.52	1604	8.83	4.59	0.52	1618	8.72	4.53	0.52	1631	8.63	4.49	0.52	1639	8.54	4.44	0.52	1691	8.42	4.38	0.52	1763	8.27	4.30	0.52	1878	8.08	4.20	0.52	1962	7.84	4.08	0.52	2033	7.20	3.74	0.52	2156	5.94	3.09	0.52	2236	4.90	2.55	0.52	2319
	28	26	9.15	3.66	0.40	1613	9.05	3.62	0.40	1627	8.96	3.58	0.40	1641	8.84	3.54	0.40	1654	8.75	3.50	0.40	1662	8.66	3.46	0.40	1714	8.54	3.42	0.40	1786	8.39	3.36	0.40	1901	8.19	3.28	0.40	1985	7.95	3.18	0.40	2057	7.30	2.92	0.40	2180	6.02	2.41	0.40	2259	4.97	1.99	0.40	2342
	29	18	8.69	7.82	0.90	1543	8.60	7.74	0.90	1557	8.51	7.66	0.90	1571	8.40	7.56	0.90	1584	8.32	7.49	0.90	1592	8.23	7.41	0.90	1645	8.11	7.30	0.90	1717	7.97	7.17	0.90	1834	7.78	7.01	0.90	1919	7.56	6.80	0.90	1991	6.94	6.24	0.90	2115	5.72	5.15	0.90	2195	4.72	4.25	0.90	2279
	29	20	8.87	7.09	0.80	1568	8.78	7.02	0.80	1582	8.68	6.95	0.80	1597	8.57	6.86	0.80	1609	8.49	6.79	0.80	1617	8.40	6.72	0.80	1670	8.28	6.62	0.80	1743	8.13	6.51	0.80	1859	7.94	6.35	0.80	1944	7.71	6.17	0.80	2016	7.08	5.66	0.80	2140	5.84	4.67	0.80	2221	4.82	3.85	0.80	2305
	29	22	9.05	6.15	0.68	1586	8.96	6.09	0.68	1600	8.86	6.02	0.68	1614	8.75	5.95	0.68	1627	8.66	5.89	0.68	1635	8.56	5.82	0.68	1688	8.45	5.74	0.68	1760	8.30	5.64	0.68	1877	8.10	5.51	0.68	1961	7.87	5.35	0.68	2033	7.22	4.91	0.68	2157	5.96	4.05	0.68	2238	4.91	3.34	0.68	2322
	29	24	9.11	5.10	0.56	1606	9.02	5.05	0.56	1620	8.92	5.00	0.56	1634	8.81	4.93	0.56	1647	8.72	4.88	0.56	1655	8.62	4.83	0.56	1708	8.51	4.76	0.56	1781	8.35	4.68	0.56	1897	8.16	4.57	0.56	1982	7.92	4.44	0.56	2054	7.27	4.07	0.56	2178	6.00	3.36	0.56	2259	4.95	2.77	0.56	2342
	29	26	9.24	4.06	0.44	1630	9.15	4.02	0.44	1644	9.05	3.98	0.44	1658	8.93	3.93	0.44	1671	8.84	3.89	0.44	1679	8.75	3.85	0.44	1732	8.62	3.79	0.44	1804	8.47	3.73	0.44	1920	8.27	3.64	0.44	2005	8.03	3.53	0.44	2077	7.37	3.24	0.44	2201	6.08	2.68	0.44	2282	5.02	2.21	0.44	2366
	30	18	8.78	7.90	0.90	1558	8.69	7.82	0.90	1573	8.60	7.74	0.90	1587	8.49	7.64	0.90	1600	8.40	7.56	0.90	1608	8.31	7.48	0.90	1661	8.20	7.38	0.90	1735	8.05	7.25	0.90	1852	7.86	7.08	0.90	1938	7.63	6.87	0.90	2010	7.01	6.31	0.90	2136	5.78	5.20	0.90	2217	4.77	4.29	0.90	2302
	30	20	8.96	7.52	0.84	1584	8.87	7.45	0.84	1598	8.77	7.37	0.84	1613	8.66	7.27	0.84	1626	8.57	7.20	0.84	1634	8.48	7.12	0.84	1687	8.36	7.03	0.84	1760	8.22	6.90	0.84	1878	8.02	6.74	0.84	1963	7.79	6.54	0.84	2036	7.15	6.01	0.84	2161	5.90	4.96	0.84	2243	4.87	4.09	0.84	2328
	30	22	9.14	6.58	0.72	1602	9.05	6.51	0.72	1616	8.95	6.44	0.72	1630	8.83	6.36	0.72	1643	8.75	6.30	0.72	1651	8.65	6.23	0.72	1705	8.53	6.14	0.72	1778	8.38	6.03	0.72	1895	8.18	5.89	0.72	1981	7.94	5.72	0.72	2054	7.29	5.25	0.72	2179	6.02	4.33	0.72	2261	4.96	3.57	0.72	2345
	30	24	9.20	5.52	0.60	1622	9.11	5.47	0.60	1636	9.01	5.41	0.60	1651	8.89	5.34	0.60	1664	8.81	5.28	0.60	1672	8.71	5.23	0.60	1725	8.59	5.15	0.60	1799	8.44	5.06	0.60	1916	8.24	4.94	0.60	2002	8.00	4.80	0.60	2074	7.34	4.41	0.60	2200	6.06	3.64	0.60	2281	5.00	3.00	0.60	2366
	30	26	9.33	4.48	0.48	1646	9.24	4.43	0.48	1660	9.14	4.39	0.48	1674	9.02	4.33	0.48	1687	8.93	4.29	0.48	1695	8.83	4.24	0.48	1749	8.71	4.18	0.48	1822	8.56	4.11	0.48	1940	8.36	4.01	0.48	2025	8.11	3.89	0.48	2098	7.45	3.57	0.48	2223	6.14	2.95	0.48	2305	5.07	2.43	0.48	2390
	31	18	8.87	7.98	0.90	1574	8.78	7.90	0.90	1588	8.68	7.81	0.90	1603	8.57	7.71	0.90	1616	8.49	7.64	0.90	1624	8.39	7.55	0.90	1678	8.28	7.45	0.90	1752	8.13	7.32	0.90	1871	7.94	7.15	0.90	1957	7.71	6.94	0.90	2031	7.08	6.37	0.90	2157	5.84	5.25	0.90	2239	4.82	4.34	0.90	2325
	31	20	9.05	7.96	0.88	1600	8.96	7.88	0.88	1614	8.86	7.80	0.88	1629	8.75	7.70	0.88	1642	8.66	7.62	0.88	1650	8.57	7.54	0.88	1704	8.45	7.43	0.88	1778	8.30	7.30	0.88	1897	8.10	7.13	0.88	1983	7.87	6.92	0.88	2057	7.22	6.36	0.88	2183	5.96	5.24	0.88	2265	4.92	4.33	0.88	2351
	31	22	9.23	7.01	0.76	1618	9.14	6.94	0.76	1632	9.04	6.87	0.76	1646	8.92	6.78	0.76	1659	8.83	6.71	0.76	1668	8.74	6.64	0.76	1722	8.62	6.55	0.76	1796	8.46	6.43	0.76	1914	8.27	6.28	0.76	2001	8.02	6.10	0.76	2074	7.37	5.60	0.76	2201	6.08	4.62	0.76	2283	5.01	3.81	0.76	2369
	31	24	9.29	5.95	0.64	1638	9.20	5.89	0.64	1653	9.10	5.82	0.64	1667	8.98	5.75	0.64	1680	8.89	5.69	0.64	1688	8.80	5.63	0.64	1743	8.68	5.55	0.64	1817	8.52	5.45	0.64	1935	8.32	5.33	0.64	2022	8.08	5.17	0.64	2095	7.42	4.75	0.64	2222	6.12	3.92	0.64	2304	5.05	3.23	0.64	2389
	31	26	9.42	4.90	0.52	1662	9.33	4.85	0.52	1677	9.23	4.80	0.52	1691	9.11	4.74	0.52	1704	9.02	4.69	0.52	1712	8.92	4.64	0.52	1766	8.80	4.57	0.52	1840	8.64	4.49	0.52	1959	8.44	4.39	0.52	2046	8.19	4.26	0.52	2119	7.52	3.91	0.52	2246	6.21	3.23	0.52	2328	5.12	2.66	0.52	2413
	32	18	8.95	8.06	0.90	1590	8.87	7.98	0.90	1604	8.77	7.89	0.90	1619	8.66	7.79	0.90	1632	8.57	7.71	0.90	1640	8.48	7.63	0.90	1695	8.36	7.52	0.90	1770	8.21	7.39	0.90	1889	8.02	7.22	0.90	1977	7.79	7.01	0.90	2051	7.15	6.43	0.90	2179	5.90	5.31	0.90	2262	4.87	4.38	0.90	2348
	32	20	9.14	8.22	0.90	1616	9.05	8.14	0.90	1630	8.95	8.05	0.90	1645	8.83	7.95	0.90	1658	8.75	7.87	0.90	1666	8.65	7.79	0.90	1721	8.53	7.68	0.90	1796	8.38	7.54	0.90	1915	8.18	7.37	0.90	2003	7.95	7.15	0.90	2077	7.29	6.56	0.90	2205	6.02	5.42	0.90	2288	4.96	4.47	0.90	2374
	32	22	9.32	7.46	0.80	1634	9.23	7.38	0.80	1648	9.13	7.30	0.80	1663	9.01	7.21	0.80	1676	8.92	7.14	0.80	1684	8.82	7.06	0.80	1739	8.70	6.96	0.80	1814	8.55	6.84	0.80	1933	8.35	6.68	0.80	2021	8.10	6.48	0.80	2095	7.44	5.95	0.80	2223	6.14	4.91	0.80	2306	5.06	4.05	0.80	2392
	32	24	9.39	6.38	0.68	1655	9.29	6.32	0.68	1669	9.19	6.25	0.68	1684	9.07	6.17	0.68	1697	8.98	6.11	0.68	1705	8.89	6.04	0.68	1760	8.76	5.96	0.68	1835	8.61	5.85	0.68	1954	8.41	5.72	0.68	2042	8.16	5.55	0.68	2116	7.49	5.09	0.68	2244	6.18	4.20	0.68	2327	5.10	3.47	0.68	2413
	32	26	9.52	5.33	0.56	1679	9.42	5.28	0.56	1693	9.32	5.22	0.56	1708	9.20	5.15	0.56	1721	9.11	5.10	0.56	1730	9.01	5.05	0.56	1784	8.89	4.98	0.56	1859	8.73	4.89	0.56	1979	8.52	4.77	0.56	2066	8.28	4.63	0.56	2140	7.60	4.25	0.56	2268	6.27	3.51	0.56	2351	5.17	2.90	0.56	2438

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA																																																	
			OUTDOOR DB (°C)																																																		
			-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
110%	21	18	7.18	4.31	0.60	1410	7.11	4.26	0.60	1423	7.03	4.22	0.60	1436	6.94	4.16	0.60	1448	6.87	4.12	0.60	1455	6.80	4.08	0.60	1503	6.70	4.02	0.60	1570	6.58	3.95	0.60	1676	6.43	3.86	0.60	1753	6.24	3.75	0.60	1819	5.73	3.44	0.60	1933	4.73	2.84	0.60	2006	3.90	2.34	0.60	2083
	21	20	7.48	3.59	0.48	1434	7.40	3.55	0.48	1447	7.32	3.51	0.48	1460	7.23	3.47	0.48	1471	7.16	3.43	0.48	1479	7.08	3.40	0.48	1527	6.98	3.35	0.48	1593	6.86	3.29	0.48	1699	6.70	3.21	0.48	1777	6.50	3.12	0.48	1843	5.97	2.86	0.48	1956	4.92	2.36	0.48	2030	4.06	1.95	0.48	2107
	22	18	7.40	4.74	0.64	1424	7.33	4.69	0.64	1437	7.25	4.64	0.64	1451	7.16	4.58	0.64	1462	7.08	4.53	0.64	1470	7.01	4.48	0.64	1519	6.91	4.42	0.64	1586	6.79	4.34	0.64	1693	6.63	4.24	0.64	1771	6.44	4.12	0.64	1838	5.91	3.78	0.64	1952	4.87	3.12	0.64	2027	4.02	2.57	0.64	2104
	22	20	7.63	3.97	0.52	1448	7.55	3.93	0.52	1461	7.47	3.88	0.52	1474	7.37	3.83	0.52	1486	7.30	3.80	0.52	1493	7.22	3.76	0.52	1542	7.12	3.70	0.52	1609	7.00	3.64	0.52	1717	6.83	3.55	0.52	1795	6.63	3.45	0.52	1861	6.09	3.17	0.52	1976	5.02	2.61	0.52	2051	4.14	2.16	0.52	2128
	22	22	7.76	3.10	0.40	1464	7.68	3.07	0.40	1477	7.60	3.04	0.40	1490	7.50	3.00	0.40	1502	7.43	2.97	0.40	1510	7.34	2.94	0.40	1559	7.24	2.90	0.40	1626	7.11	2.85	0.40	1733	6.95	2.78	0.40	1811	6.75	2.70	0.40	1878	6.19	2.48	0.40	1992	5.11	2.04	0.40	2067	4.21	1.69	0.40	2144
	23	18	7.55	5.14	0.68	1439	7.48	5.08	0.68	1452	7.40	5.03	0.68	1465	7.30	4.96	0.68	1477	7.23	4.92	0.68	1485	7.15	4.86	0.68	1534	7.05	4.79	0.68	1602	6.93	4.71	0.68	1710	6.76	4.60	0.68	1789	6.57	4.47	0.68	1856	6.03	4.10	0.68	1972	4.97	3.38	0.68	2047	4.10	2.79	0.68	2125
	23	20	7.78	4.36	0.56	1463	7.71	4.32	0.56	1476	7.62	4.27	0.56	1489	7.52	4.21	0.56	1501	7.45	4.17	0.56	1509	7.37	4.13	0.56	1558	7.27	4.07	0.56	1626	7.14	4.00	0.56	1734	6.97	3.90	0.56	1813	6.77	3.79	0.56	1880	6.21	3.48	0.56	1996	5.13	2.87	0.56	2071	4.23	2.37	0.56	2149
	23	22	7.92	3.48	0.44	1479	7.84	3.45	0.44	1492	7.75	3.41	0.44	1506	7.65	3.37	0.44	1517	7.58	3.33	0.44	1525	7.49	3.30	0.44	1574	7.39	3.25	0.44	1642	7.26	3.19	0.44	1750	7.09	3.12	0.44	1829	6.88	3.03	0.44	1897	6.32	2.78	0.44	2012	5.21	2.29	0.44	2088	4.30	1.89	0.44	2166
	24	18	7.71	5.55	0.72	1453	7.63	5.49	0.72	1467	7.55	5.43	0.72	1480	7.45	5.36	0.72	1492	7.38	5.31	0.72	1500	7.30	5.25	0.72	1549	7.20	5.18	0.72	1618	7.07	5.09	0.72	1727	6.90	4.97	0.72	1807	6.70	4.83	0.72	1875	6.15	4.43	0.72	1992	5.08	3.65	0.72	2068	4.19	3.01	0.72	2147
	24	20	7.94	4.77	0.60	1478	7.86	4.72	0.60	1491	7.78	4.67	0.60	1504	7.68	4.61	0.60	1516	7.60	4.56	0.60	1524	7.52	4.51	0.60	1574	7.42	4.45	0.60	1642	7.28	4.37	0.60	1751	7.11	4.27	0.60	1831	6.91	4.14	0.60	1899	6.34	3.80	0.60	2016	5.23	3.14	0.60	2092	4.32	2.59	0.60	2171
	24	22	8.08	3.88	0.48	1494	8.00	3.84	0.48	1507	7.91	3.80	0.48	1521	7.81	3.75	0.48	1533	7.73	3.71	0.48	1540	7.65	3.67	0.48	1590	7.54	3.62	0.48	1659	7.41	3.56	0.48	1768	7.23	3.47	0.48	1848	7.02	3.37	0.48	1916	6.45	3.10	0.48	2033	5.32	2.55	0.48	2109	4.39	2.11	0.48	2188
	24	24	8.19	2.95	0.36	1513	8.11	2.92	0.36	1527	8.02	2.89	0.36	1540	7.92	2.85	0.36	1552	7.84	2.82	0.36	1560	7.75	2.79	0.36	1610	7.65	2.75	0.36	1678	7.51	2.70	0.36	1787	7.34	2.64	0.36	1867	7.12	2.56	0.36	1935	6.54	2.35	0.36	2052	5.39	1.94	0.36	2128	4.45	1.60	0.36	2207
	25	18	7.94	6.04	0.76	1468	7.87	5.98	0.76	1481	7.78	5.91	0.76	1495	7.68	5.84	0.76	1507	7.60	5.78	0.76	1515	7.52	5.72	0.76	1565	7.42	5.64	0.76	1634	7.29	5.54	0.76	1745	7.12	5.41	0.76	1825	6.91	5.25	0.76	1894	6.34	4.82	0.76	2012	5.23	3.98	0.76	2089	4.32	3.28	0.76	2169
	25	20	8.19	5.24	0.64	1492	8.11	5.19	0.64	1506	8.02	5.13	0.64	1519	7.92	5.07	0.64	1532	7.84	5.02	0.64	1539	7.75	4.96	0.64	1590	7.64	4.89	0.64	1659	7.51	4.81	0.64	1769	7.33	4.69	0.64	1850	7.12	4.56	0.64	1918	6.54	4.18	0.64	2036	5.39	3.45	0.64	2113	4.45	2.85	0.64	2193
	25	22	8.33	4.33	0.52	1509	8.24	4.29	0.52	1523	8.15	4.24	0.52	1536	8.05	4.19	0.52	1548	7.97	4.14	0.52	1556	7.88	4.10	0.52	1606	7.77	4.04	0.52	1675	7.64	3.97	0.52	1786	7.46	3.88	0.52	1867	7.24	3.77	0.52	1935	6.65	3.46	0.52	2053	5.48	2.85	0.52	2130	4.52	2.35	0.52	2210
	25	24	8.44	3.38	0.40	1529	8.36	3.34	0.40	1542	8.27	3.31	0.40	1556	8.16	3.27	0.40	1568	8.08	3.23	0.40	1575	7.99	3.20	0.40	1626	7.88	3.15	0.40	1695	7.74	3.10	0.40	1805	7.56	3.03	0.40	1886	7.34	2.94	0.40	1955	6.74	2.70	0.40	2073	5.56	2.22	0.40	2150	4.59	1.84	0.40	2229
	26	18	8.19	6.55	0.80	1483	8.11	6.49	0.80	1496	8.02	6.42	0.80	1510	7.92	6.33	0.80	1522	7.84	6.27	0.80	1530	7.75	6.20	0.80	1581	7.65	6.12	0.80	1651	7.51	6.01	0.80	1762	7.34	5.87	0.80	1844	7.12	5.70	0.80	1913	6.54	5.23	0.80	2032	5.39	4.32	0.80	2110	4.45	3.56	0.80	2190
	26	20	8.44	5.74	0.68	1508	8.36	5.68	0.68	1521	8.27	5.62	0.68	1535	8.16	5.55	0.68	1547	8.08	5.49	0.68	1555	7.99	5.43	0.68	1606	7.88	5.36	0.68	1675	7.74	5.26	0.68	1787	7.56	5.14	0.68	1869	7.34	4.99	0.68	1938	6.74	4.58	0.68	2057	5.56	3.78	0.68	2135	4.59	3.12	0.68	2215
	26	22	8.58	4.81	0.56	1524	8.50	4.76	0.56	1538	8.41	4.71	0.56	1552	8.30	4.65	0.56	1564	8.22	4.60	0.56	1572	8.13	4.55	0.56	1622	8.02	4.49	0.56	1692	7.87	4.41	0.56	1804	7.69	4.31	0.56	1885	7.47	4.18	0.56	1955	6.85	3.84	0.56	2074	5.65	3.17	0.56	2151	4.66	2.61	0.56	2232
	26	24	8.70	3.83	0.44	1544	8.62	3.79	0.44	1558	8.52	3.75	0.44	1571	8.42	3.70	0.44	1584	8.33	3.67	0.44	1591	8.24	3.63	0.44	1642	8.13	3.58	0.44	1712	7.98	3.51	0.44	1824	7.80	3.43	0.44	1905	7.57	3.33	0.44	1974	6.95	3.06	0.44	2094	5.73	2.52	0.44	2171	4.73	2.08	0.44	2252
	26	26	8.84	2.83	0.32	1567	8.76	2.80	0.32	1580	8.66	2.77	0.32	1594	8.55	2.74	0.32	1606	8.47	2.71	0.32	1614	8.37	2.68	0.32	1665	8.26	2.64	0.32	1735	8.11	2.60	0.32	1846	7.92	2.53	0.32	1928	7.69	2.46	0.32	1997	7.06	2.26	0.32	2116	5.82	1.86	0.32	2194	4.81	1.54	0.32	2275
	27	18	8.36	7.02	0.84	1498	8.27	6.95	0.84	1511	8.18	6.88	0.84	1525	8.08	6.79	0.84	1538	8.00	6.72	0.84	1545	7.91	6.65	0.84	1597	7.80	6.55	0.84	1667	7.67	6.44	0.84	1780	7.49	6.29	0.84	1862	7.27	6.10	0.84	1932	6.67	5.60	0.84	2053	5.50	4.62	0.84	2131	4.54	3.81	0.84	2213
	27	19	8.53	6.65	0.78	1508	8.44	6.59	0.78	1521	8.35	6.51	0.78	1535	8.24	6.43	0.78	1548	8.16	6.37	0.78	1555	8.07	6.30	0.78	1607	7.96	6.21	0.78	1677	7.82	6.10	0.78	1790	7.64	5.96	0.78	1872	7.42	5.78	0.78	1942	6.81	5.31	0.78	2063	5.62	4.38	0.78	2141	4.63	3.61	0.78	2223
	27	20	8.61	6.20	0.72	1523	8.53	6.14	0.72	1536	8.44	6.07	0.72	1550	8.33	6.00	0.72	1563	8.24	5.94	0.72	1570	8.15	5.87	0.72	1622	8.04	5.79	0.72	1692	7.90	5.69	0.72	1805	7.71	5.55	0.72	1887	7.49	5.39	0.72	1957	6.88	4.95	0.72	2078	5.67	4.08	0.72	2156	4.68	3.37	0.72	2238
	27	22	8.76	5.26	0.60	1540	8.67	5.20	0.60	1553	8.58	5.15	0.60	1567	8.47	5.08	0.60	1580	8.38	5.03	0.60	1587	8.29	4.98	0.60	1639	8.18	4.91	0.60	1709	8.03	4.82	0.60	1822	7.85	4.71	0.60	1904	7.62	4.57	0.60	1974	6.99	4.20	0.60	2095	5.77	3.46	0.60	2173	4.76	2.86	0.60	2255
	27	24	8.88	4.26	0.48	1560	8.79	4.22	0.48	1573	8.70	4.18	0.48	1587	8.59	4.12	0.48	1600	8.50	4.08	0.48	1607	8.41	4.04	0.48	1659	8.29	3.98	0.48	1729	8.15	3.91	0.48	1842	7.96	3.82	0.48	1924	7.72	3.71	0.48	1994	7.09	3.40	0.48	2115	5.85	2.81	0.48	2193	4.83	2.32	0.48	2275
	27	26	9.02	3.25	0.36	1583	8.94	3.22	0.36	1596	8.84	3.18	0.36	1610	8.72	3.14	0.36	1623	8.64	3.11	0.36	1630	8.54	3.08	0.36	1682	8.43	3.03	0.36	1752	8.28	2.98	0.36	1865	8.08	2.91	0.36	1947	7.85	2.83	0.36	2017	7.20	2.59	0.36	2138	5.94	2.14	0.36	2216	4.90	1.77	0.36	2298
	28	18	8.44	7.43	0.88	1513	8.36	7.35	0.88	1527	8.27	7.27	0.88	1541	8.16	7.18	0.88	1553	8.08	7.11	0.88	1561	7.99	7.03	0.88	1613	7.88	6.94	0.88	1684	7.74	6.81	0.88	1798	7.56	6.65	0.88	1881	7.34	6.46	0.88	1952	6.74	5.93	0.88	2073	5.56	4.89	0.88	2153	4.59	4.04	0.88	2235
	28	20	8.61	6.55	0.76	1538	8.53	6.48	0.76	1552	8.44	6.41	0.76	1566	8.33	6.33	0.76	1578	8.24	6.27	0.76	1586	8.15	6.20	0.76	1638	8.04	6.11	0.76	1709	7.90	6.00	0.76	1823	7.71	5.86	0.76	1906	7.49	5.69	0.76	1977	6.88	5.23	0.76	2099	5.67	4.31	0.76	2178	4.68	3.56	0.76	2260
	28	22	8.70	5.57	0.64	1555	8.61	5.51	0.64	1569	8.52	5.45	0.64	1583	8.41	5.38	0.64	1595	8.33	5.33	0.64	1603	8.24	5.27	0.64	1655	8.12	5.20	0.64	1726	7.98	5.11	0.64	1840	7.79	4.99	0.64	1923	7.57	4.84	0.64	1994	6.94	4.44	0.64	2116	5.73	3.67	0.64	2195	4.73	3.03	0.64	2277
	28	24	8.85	4.60	0.52	1575	8.76	4.56	0.52	1589	8.66	4.51	0.52	1603	8.55	4.45	0.52	1616	8.47	4.40	0.52	1623	8.38	4.36	0.52	1675	8.26	4.30	0.52	1747	8.11	4.22	0.52	1860	7.92	4.12	0.52	1944	7.69	4.00	0.52	2014	7.06	3.67	0.52	2136	5.83	3.03	0.52	2215	4.81	2.50	0.52	2297
	28	26	8.97	3.59	0.40	1599	8.88	3.55	0.40	1612	8.79	3.51	0.40	1626	8.67	3.47	0.40	1639	8.59	3.43	0.40	1647	8.49	3.40	0.40	1699	8.38	3.35	0.40	1770	8.23	3.29	0.40	1884	8.04	3.21	0.40	1967	7.80	3.12	0.40	2038	7.16	2.86	0.40	2159	5.91	2.36	0.40	2238	4.87	1.95	0.40	2321
	29	18	8.53	7.67	0.90	1528	8.44	7.60	0.90	1542	8.35	7.51	0.90	1556	8.24	7.42	0.90	1569	8.16	7.34	0.90	1576	8.07	7.26	0.90	1629	7.96	7.16	0.90	1701	7.82	7.04	0.90	1816	7.64	6.87	0.90	1900	7.41	6.67	0.90	1971	6.81	6.13	0.90	2094	5.61	5.05	0.90	2174	4.63	4.17	0.90	2257
	29	20	8.70	6.96	0.80	1553	8.61	6.89	0.80	1567	8.52	6.82	0.80	1581	8.41	6.73	0.80	1594	8.33	6.66	0.80	1602	8.24	6.59	0.80	1654	8.12	6.50	0.80	1726	7.98	6.38	0.80	1841	7.79	6.23	0.80	1925	7.57	6.05	0.80	1997	6.94	5.56	0.80	2120	5.73	4.58	0.80	2200	4.73	3.78	0.80	2283
	29	22	8.87	6.03	0.68	1571	8.79	5.97	0.68	1585	8.69	5.91	0.68	1599	8.58	5.83	0.68	1611	8.49	5.78	0.68	1619	8.40	5.71	0.68	1672	8.29	5.63	0.68	1744	8.14	5.53	0.68	1859	7.95	5.40	0.68	1943	7.72	5.25	0.68	2014	7.08	4.82	0.68	2137	5.84	3.97	0.68	2217	4.82	3.28	0.68	2300
	29	24	8.94	5.00	0.56	1591	8.85	4.95	0.56	1605	8.75	4.90	0.56	1619	8.64	4.84	0.56	1632	8.55	4.79	0.56	1640	8.46	4.74	0.56	1692	8.34	4.67	0.56	1764	8.20	4.59	0.56	1879	8.00	4.48	0.56	1963	7.77	4.35	0.56	2034	7.13	3.99	0.56	2157	5.89	3.30	0.56	2237	4.86	2.72	0.56	2320
	29	26	9.06	3.99	0.44	1615	8.97	3.95	0.44	1629	8.87	3.90	0.44	1643	8.76	3.85	0.44	1655	8.67	3.82	0.44	1663	8.58	3.77	0.44	1716	8.46	3.72	0.44	1788	8.31	3.66	0.44	1903	8.12	3.57	0.44	1987	7.88	3.47	0.44	2058	7.23	3.18	0.44	2181	5.97	2.63	0.44	2261	4.92	2.17	0.44	2344
	30	18	8.61	7.75	0.90	1543	8.53	7.67	0.90	1557	8.43	7.59	0.90	1571	8.32	7.49	0.90	1584	8.24	7.42	0.90	1592	8.15	7.34	0.90	1645	8.04	7.24	0.90	1718	7.90	7.11	0.90	1834	7.71	6.94	0.90	1919	7.49	6.74	0.90	1991	6.87	6.19	0.90	2115	5.67	5.10	0.90	2196	4.68	4.21	0.90	2280
	30	20	8.79	7.38	0.84	1569	8.70	7.31	0.84	1583	8.60	7.23	0.84	1597	8.49	7.14	0.84	1610	8.41	7.06	0.84	1618	8.32	6.99	0.84	1671	8.20	6.89	0.84	1744	8.06	6.77	0.84	1860	7.87	6.61	0.84	1945	7.64	6.42	0.84	2017	7.01	5.89	0.84	2141	5.79	4.86	0.84	2222	4.77	4.01	0.84	2305
	30	22	8.96	6.45	0.72	1586	8.87	6.39	0.72	1601	8.78	6.32	0.72	1615	8.66	6.24	0.72	1628	8.58	6.18	0.72	1636	8.49	6.11	0.72	1689	8.37	6.02	0.72	1761	8.22	5.92	0.72	1877	8.03	5.78	0.72	1962	7.79	5.61	0.72	2034	7.15	5.15	0.72	2158	5.90	4.25	0.72	2239	4.87	3.51	0.72	2323
	30	24	9.03	5.42	0.60	1607	8.94	5.36	0.60	1621	8.84	5.30	0.60	1635	8.73	5.24	0.60	1648	8.64	5.18	0.60	1656	8.54	5.13	0.60	1709	8.43	5.06	0.60	1782	8.28	4.97	0.60	1898	8.08	4.85	0.60	1983	7.85	4.71	0.60	2055	7.20	4.32	0.60	2179	5.94	3.57	0.60	2260	4.90	2.94	0.60	2343
	30	26	9.15	4.39	0.48	1631	9.06	4.35	0.48	1645	8.96	4.30	0.48	1659	8.85	4.25	0.48	1672	8.76	4.20	0.48	1680	8.66	4.16	0.48	1733	8.54	4.10	0.48	1805	8.39	4.03	0.48	1922	8.20	3.93	0.48	2006	7.96	3.82	0.48	2079	7.31	3.51	0.48	2203	6.03	2.89	0.48	2283	4.97	2.39	0.48	2367
	31	18	8.70	7.83	0.90	1559	8.61	7.75	0.90	1573	8.52	7.67	0.90	1587	8.41	7.57	0.90	1600	8.32	7.49	0.90	1608	8.23	7.41	0.90	1662	8.12	7.31	0.90	1735	7.98	7.18	0.90	1852	7.79	7.01	0.90	1938	7.56	6.81	0.90	2011	6.94	6.25	0.90	2136	5.73	5.15	0.90	2218	4.73	4.25	0.90	2302
	31	20	8.87	7.81	0.88	1585	8.79	7.73	0.88	1599	8.69	7.65	0.88	1613	8.58	7.55	0.88	1626	8.49	7.48	0.88	1634	8.40	7.39	0.88	1688	8.29	7.29	0.88	1761	8.14	7.16	0.88	1878	7.95	6.99	0.88	1964	7.72	6.79	0.88	2037	7.08	6.23	0.88	2162	5.84	5.14	0.88	2244	4.82	4.24	0.88	2328
	31	22	9.05	6.88	0.76	1602	8.96	6.81	0.76	1617	8.86	6.74	0.76	1631	8.75	6.65	0.76	1644	8.66	6.58	0.76	1652	8.57	6.51	0.76	1705	8.45	6.42	0.76	1779	8.30	6.31	0.76	1896	8.11	6.16	0.76	1982	7.87	5.98	0.76	2055	7.23	5.49	0.76	2180	5.96	4.53	0.76	2261	4.92	3.74	0.76	2346
	31	24	9.12	5.83	0.64	1623	9.03	5.78	0.64	1637	8.93	5.71	0.64	1652	8.81	5.64	0.64	1665	8.73	5.58	0.64	1673	8.63	5.52	0.64	1726	8.51	5.45	0.64	1800	8.36	5.35	0.64	1917	8.16	5.23	0.64	2003	7.93	5.07	0.64	2075	7.28	4.66	0.64	2201	6.00	3.84	0.64	2282	4.95	3.17	0.64	2367
	31	26	9.24	4.81	0.52	1647	9.15	4.76	0.52	1661	9.05	4.71	0.52	1676	8.94	4.65	0.52	1689	8.85	4.60	0.52	1697	8.75	4.55	0.52	1750	8.63	4.49	0.52	1823	8.48	4.41	0.52	1941	8.28	4.31	0.52	2027	8.04	4.18	0.52	2099	7.38	3.84	0.52	2225	6.09	3.17	0.52	2306	5.02	2.61	0.52	2391
	32	18	8.78	7.91	0.90	1574	8.70	7.83	0.90	1589	8.60	7.74	0.90	1603	8.49	7.64	0.90	1616	8.41	7.57	0.90	1624	8.32	7.48	0.90	1678	8.20	7.38	0.90	1752	8.06	7.25	0.90	1871	7.87	7.08	0.90	1957	7.64	6.87	0.90	2031	7.01	6.31	0.90	2158	5.78	5.21	0.90	2240	4.77	4.30	0.90	2325
	32	20	8.96	8.07	0.90	1600	8.87	7.99	0.90	1615	8.78	7.90	0.90	1629	8.67	7.80	0.90	1642	8.58	7.72	0.90	1651	8.49	7.64	0.90	1705	8.37	7.53	0.90	1779	8.22	7.40	0.90	1897	8.03	7.23	0.90	1984	7.79	7.01	0.90	2057	7.16	6.44	0.90	2184	5.90	5.31	0.90	2266	4.87	4.38	0.90	2352
	32	22	9.14	7.31	0.80	1618	9.05	7.24	0.80	1633	8.95	7.16	0.80	1647	8.84	7.07	0.80	1660	8.75	7.00	0.80	1668	8.66	6.92	0.80	1722	8.54	6.83	0.80	1796	8.39	6.71	0.80	1915	8.19	6.55	0.80	2002	7.95	6.36	0.80	2075	7.30	5.84	0.80	2202	6.02	4.82	0.80	2284	4.97	3.97	0.80	2370
	32	24	9.21	6.26	0.68	1639	9.12	6.20	0.68	1654	9.02	6.13	0.68	1668	8.90	6.05	0.68	1681	8.81	5.99	0.68	1689	8.72	5.93	0.68	1743	8.60	5.85	0.68	1817	8.44	5.74	0.68	1936	8.25	5.61	0.68	2023	8.01	5.44	0.68	2096	7.35	5.00	0.68	2223	6.06	4.12	0.68	2305	5.00	3.40	0.68	2391
	32	26	9.34	5.23	0.56	1663	9.24	5.18	0.56	1678	9.14	5.12	0.56	1692	9.03	5.05	0.56	1705	8.94	5.00	0.56	1714	8.84	4.95	0.56	1768	8.72	4.88	0.56	1842	8.56	4.79	0.56	1960	8.36	4.68	0.56	2047	8.12	4.55	0.56	2120	7.45	4.17	0.56	2247	6.15	3.44	0.56	2329	5.07	2.84	0.56	2415

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
100%	21	18	6.97	4.18	0.60	1375	6.90	4.14	0.60	1388	6.83	4.10	0.60	1401	6.74	4.04	0.60	1412
	21	20	7.26	3.48	0.48	1399	7.19	3.45	0.48	1412	7.11	3.41	0.48	1424	7.02	3.37	0.48	1436
	22	18	7.19	4.60	0.64	1389	7.11	4.55	0.64	1402	7.04	4.50	0.64	1415	6.95	4.45	0.64	1426
	22	20	7.41	3.85	0.52	1413	7.33	3.81	0.52	1426	7.25	3.77	0.52	1439	7.16	3.72	0.52	1450
	22	22	7.53	3.01	0.40	1429	7.46	2.98	0.40	1442	7.38	2.95	0.40	1455	7.28	2.91	0.40	1466
	23	18	7.33	4.99	0.68	1403	7.26	4.94	0.68	1416	7.18	4.88	0.68	1429	7.09	4.82	0.68	1441
	23	20	7.56	4.23	0.56	1427	7.48	4.19	0.56	1440	7.40	4.14	0.56	1453	7.31	4.09	0.56	1465
	23	22	7.69	3.38	0.44	1444	7.61	3.35	0.44	1457	7.53	3.31	0.44	1470	7.43	3.27	0.44	1481
	24	18	7.48	5.39	0.72	1418	7.41	5.33	0.72	1431	7.33	5.28	0.72	1444	7.23	5.21	0.72	1455
	24	20	7.71	4.63	0.60	1442	7.63	4.58	0.60	1455	7.55	4.53	0.60	1468	7.45	4.47	0.60	1480
	24	22	7.84	3.76	0.48	1458	7.76	3.73	0.48	1471	7.68	3.69	0.48	1484	7.58	3.64	0.48	1496
	24	24	7.95	2.86	0.36	1478	7.87	2.83	0.36	1491	7.79	2.80	0.36	1504	7.69	2.77	0.36	1516
	25	18	7.71	5.86	0.76	1432	7.64	5.80	0.76	1445	7.55	5.74	0.76	1458	7.46	5.67	0.76	1470
	25	20	7.95	5.09	0.64	1456	7.87	5.04	0.64	1470	7.78	4.98	0.64	1483	7.69	4.92	0.64	1495
	25	22	8.08	4.20	0.52	1473	8.00	4.16	0.52	1486	7.92	4.12	0.52	1499	7.82	4.06	0.52	1511
	25	24	8.20	3.28	0.40	1493	8.12	3.25	0.40	1506	8.03	3.21	0.40	1519	7.93	3.17	0.40	1531
	26	18	7.95	6.36	0.80	1446	7.87	6.30	0.80	1460	7.79	6.23	0.80	1473	7.69	6.15	0.80	1485
	26	20	8.20	5.57	0.68	1471	8.11	5.52	0.68	1484	8.03	5.46	0.68	1498	7.92	5.39	0.68	1510
	26	22	8.33	4.67	0.56	1488	8.25	4.62	0.56	1501	8.16	4.57	0.56	1515	8.06	4.51	0.56	1526
	26	24	8.45	3.72	0.44	1508	8.37	3.68	0.44	1521	8.28	3.64	0.44	1534	8.17	3.59	0.44	1546
	26	26	8.59	2.75	0.32	1531	8.50	2.72	0.32	1544	8.41	2.69	0.32	1557	8.30	2.66	0.32	1569
	27	18	8.11	6.82	0.84	1461	8.03	6.75	0.84	1474	7.95	6.67	0.84	1488	7.84	6.59	0.84	1500
	27	19	8.28	6.46	0.78	1471	8.20	6.39	0.78	1484	8.11	6.32	0.78	1498	8.00	6.24	0.78	1510
	27	20	8.36	6.02	0.72	1486	8.28	5.96	0.72	1499	8.19	5.90	0.72	1513	8.08	5.82	0.72	1525
	27	22	8.50	5.10	0.60	1503	8.42	5.05	0.60	1516	8.33	5.00	0.60	1530	8.22	4.93	0.60	1542
	27	24	8.62	4.14	0.48	1523	8.54	4.10	0.48	1536	8.45	4.05	0.48	1550	8.34	4.00	0.48	1562
	27	26	8.76	3.15	0.36	1546	8.67	3.12	0.36	1559	8.58	3.09	0.36	1573	8.47	3.05	0.36	1585
	28	18	8.20	7.21	0.88	1476	8.11	7.14	0.88	1489	8.03	7.06	0.88	1503	7.92	6.97	0.88	1515
	28	20	8.36	6.36	0.76	1501	8.28	6.29	0.76	1514	8.19	6.22	0.76	1528	8.08	6.14	0.76	1540
	28	22	8.45	5.41	0.64	1518	8.36	5.35	0.64	1532	8.27	5.29	0.64	1545	8.17	5.23	0.64	1557
	28	24	8.59	4.47	0.52	1538	8.50	4.42	0.52	1552	8.41	4.37	0.52	1565	8.30	4.32	0.52	1578
	28	26	8.71	3.48	0.40	1561	8.62	3.45	0.40	1575	8.53	3.41	0.40	1589	8.42	3.37	0.40	1601
	29	18	8.28	7.45	0.90	1490	8.20	7.38	0.90	1504	8.11	7.30	0.90	1518	8.00	7.20	0.90	1530
	29	20	8.45	6.76	0.80	1516	8.36	6.69	0.80	1529	8.27	6.62	0.80	1543	8.17	6.53	0.80	1556
	29	22	8.61	5.86	0.68	1533	8.53	5.80	0.68	1547	8.44	5.74	0.68	1561	8.33	5.66	0.68	1573
	29	24	8.68	4.86	0.56	1554	8.59	4.81	0.56	1567	8.50	4.76	0.56	1581	8.39	4.70	0.56	1593
	29	26	8.80	3.87	0.44	1577	8.71	3.83	0.44	1591	8.62	3.79	0.44	1604	8.50	3.74	0.44	1617
	30	18	8.36	7.52	0.90	1505	8.28	7.45	0.90	1519	8.19	7.37	0.90	1533	8.08	7.27	0.90	1545
	30	20	8.53	7.17	0.84	1531	8.45	7.09	0.84	1545	8.35	7.02	0.84	1559	8.25	6.93	0.84	1571
	30	22	8.70	6.26	0.72	1549	8.61	6.20	0.72	1562	8.52	6.14	0.72	1576	8.41	6.06	0.72	1589
	30	24	8.76	5.26	0.60	1569	8.68	5.21	0.60	1583	8.58	5.15	0.60	1597	8.47	5.08	0.60	1609
	30	26	8.88	4.26	0.48	1593	8.80	4.22	0.48	1607	8.70	4.18	0.48	1620	8.59	4.12	0.48	1633
	31	18	8.44	7.60	0.90	1520	8.36	7.52	0.90	1534	8.27	7.44	0.90	1548	8.16	7.35	0.90	1561
	31	20	8.62	7.58	0.88	1546	8.53	7.51	0.88	1560	8.44	7.43	0.88	1574	8.33	7.33	0.88	1587
	31	22	8.79	6.68	0.76	1564	8.70	6.61	0.76	1578	8.61	6.54	0.76	1592	8.50	6.46	0.76	1605
	31	24	8.85	5.66	0.64	1585	8.76	5.61	0.64	1599	8.67	5.55	0.64	1613	8.56	5.48	0.64	1625
	31	26	8.97	4.67	0.52	1609	8.88	4.62	0.52	1623	8.79	4.57	0.52	1637	8.68	4.51	0.52	1649
	32	18	8.53	7.68	0.90	1536	8.44	7.60	0.90	1550	8.35	7.52	0.90	1564	8.24	7.42	0.90	1576
	32	20	8.70	7.83	0.90	1562	8.62	7.75	0.90	1576	8.52	7.67	0.90	1590	8.41	7.57	0.90	1603
	32	22	8.88	7.10	0.80	1580	8.79	7.03	0.80	1594	8.69	6.95	0.80	1608	8.58	6.86	0.80	1621
	32	24	8.94	6.08	0.68	1601	8.85	6.02	0.68	1615	8.75	5.95	0.68	1629	8.64	5.88	0.68	1642
	32	26	9.06	5.08	0.56	1625	8.97	5.03	0.56	1639	8.88	4.97	0.56	1653	8.76	4.91	0.56	1666

IDDB (°C)	ID WB (°C)	15				21				25				27			
		Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
21	18	6.67	4.00	0.60	1419	6.60	3.96	0.60	1466	6.51	3.90	0.60	1531	6.39	3.84	0.60	1635
21	20	6.95	3.33	0.48	1443	6.87	3.30	0.48	1490	6.78	3.25	0.48	1555	6.66	3.20	0.48	1658
22	18	6.88	4.40	0.64	1434	6.80	4.35	0.64	1481	6.71	4.29	0.64	1547	6.59	4.22	0.64	1651
22	20	7.09	3.69	0.52	1457	7.01	3.65	0.52	1505	6.91	3.60	0.52	1570	6.79	3.53	0.52	1675
22	22	7.21	2.88	0.40	1474	7.13	2.85	0.40	1521	7.03	2.81	0.40	1587	6.91	2.76	0.40	1691
23	18	7.02	4.77	0.68	1448	6.94	4.72	0.68	1496	6.85	4.66	0.68	1562	6.72	4.57	0.68	1668
23	20	7.23	4.05	0.56	1472	7.15	4.01	0.56	1520	7.06	3.95	0.56	1586	6.93	3.88	0.56	1692
23	22	7.36	3.24	0.44	1488	7.28	3.20	0.44	1537	7.18	3.16	0.44	1603	7.05	3.10	0.44	1708
24	18	7.16	5.16	0.72	1463	7.08	5.10	0.72	1511	6.99	5.03	0.72	1578	6.86	4.94	0.72	1685
24	20	7.38	4.43	0.60	1487	7.30	4.38	0.60	1536	7.20	4.32	0.60	1602	7.07	4.24	0.60	1709
24	22	7.51	3.60	0.48	1503	7.42	3.56	0.48	1552	7.32	3.51	0.48	1619	7.19	3.45	0.48	1726
24	24	7.61	2.74	0.36	1523	7.53	2.71	0.36	1572	7.42	2.67	0.36	1638	7.29	2.63	0.36	1745
25	18	7.38	5.61	0.76	1477	7.30	5.55	0.76	1527	7.20	5.47	0.76	1594	7.07	5.38	0.76	1702
25	20	7.61	4.87	0.64	1502	7.53	4.82	0.64	1551	7.42	4.75	0.64	1619	7.29	4.67	0.64	1726
25	22	7.74	4.02	0.52	1519	7.65	3.98	0.52	1568	7.55	3.93	0.52	1635	7.41	3.86	0.52	1743
25	24	7.85	3.14	0.40	1538	7.76	3.10	0.40	1587	7.65	3.06	0.40	1655	7.52	3.01	0.40	1763
26	18	7.61	6.09	0.80	1492	7.53	6.02	0.80	1542	7.42	5.94	0.80	1610	7.29	5.83	0.80	1719
26	20	7.84	5.33	0.68	1517	7.76	5.28	0.68	1567	7.65	5.20	0.68	1635	7.52	5.11	0.68	1744
26	22	7.98	4.47	0.56	1534	7.89	4.42	0.56	1584	7.78	4.36	0.56	1652	7.64	4.28	0.56	1761
26	24	8.09	3.56	0.44	1554	8.00	3.52	0.44	1603	7.89	3.47	0.44	1671	7.75	3.41	0.44	1780
26	26	8.22	2.63	0.32	1577	8.13	2.60	0.32	1626	8.02	2.57	0.32	1694	7.88	2.52	0.32	1803
27	18	7.77	6.52	0.84	1507	7.68	6.45	0.84	1558	7.58	6.36	0.84	1626	7.44	6.25	0.84	1736
27	19	7.93	6.18	0.78	1517	7.84	6.11	0.78	1568	7.73	6.03	0.78	1636	7.59	5.92	0.78	1746
27	20	8.00	5.76	0.72	1532	7.92	5.70	0.72	1583	7.81	5.62	0.72	1651	7.67	5.52	0.72	1761
27	22	8.14	4.88	0.60	1549	8.05	4.83	0.60	1600	7.94	4.76	0.60	1668	7.80	4.68	0.60	1778
27	24	8.25	3.96	0.48	1569	8.16	3.92	0.48	1620	8.05	3.86	0.48	1688	7.91	3.80	0.48	1798
27	26	8.39	3.02	0.36	1592	8.30	2.99	0.36	1643	8.18	2.95	0.36	1711	8.04	2.89	0.36	1821
28	18	7.84	6.90	0.88	1523	7.76	6.83	0.88	1573	7.65	6.73	0.88	1643	7.52	6.61	0.88	1754
28	20	8.00	6.08	0.76	1548	7.92	6.02	0.76	1598	7.81	5.93	0.76	1668	7.67	5.83	0.76	1779
28	22	8.08	5.17	0.64	1565	8.00	5.12	0.64	1616	7.89	5.05	0.64	1685	7.75	4.96	0.64	1796
28	24	8.22	4.28	0.52	1585	8.13	4.23	0.52	1636	8.02	4.17	0.52	1705	7.88	4.10	0.52	1816
28	26	8.34	3.33	0.40	1608	8.25	3.30	0.40	1659	8.13	3.25	0.40	1728	7.99	3.20	0.40	1840
29	18	7.92	7.13	0.90	1538	7.84	7.05	0.90	1589	7.73	6.96	0.90	1659	7.59	6.83	0.90	1771
29	20	8.08	6.47	0.80	1563	8.00	6.40	0.80	1614	7.89	6.31	0.80	1685	7.75	6.20	0.80	1797
29	22	8.25	5.61	0.68	1581	8.16	5.55	0.68	1632	8.04	5.47	0.68	1702	7.90	5.37	0.68	1814
29	24	8.30	4.65	0.56	1601	8.21	4.60	0.56	1652	8.10	4.54	0.56	1722	7.96	4.46	0.56	1835
29	26	8.42	3.70	0.44	1624	8.33	3.66	0.44	1676	8.21	3.61	0.44	1746	8.07	3.55	0.44	1858
30	18	8.00	7.20	0.90	1553	7.91	7.12	0.90	1605	7.81	7.03	0.90	1676	7.67	6.90	0.90	1789
30	20	8.17	6.86	0.84	1579	8.08	6.78	0.84	1631	7.96	6.69	0.84	1701	7.82	6.57	0.84	1815
30	22	8.33	6.00	0.72	1596	8.24	5.93	0.72	1648	8.12	5.85	0.72	1719	7.98	5.75	0.72	1832
30	24	8.39	5.03	0.60	1617	8.30	4.98	0.60	1669	8.18	4.91	0.60	1740	8.04	4.82	0.60	1853
30	26	8.50	4.08	0.48	1641	8.41	4.04	0.48	1692	8.30	3.98	0.48	1763	8.15	3.91	0.48	1877
31	18	8.08	7.27	0.90	1569	7.99	7.19	0.90	1621	7.88	7.10	0.90	1692	7.74	6.97	0.90	1807
31	20	8.25	7.26	0.88	1595	8.16	7.18	0.88	1647	8.04	7.08	0.88	1718	7.90	6.95	0.88	1833
31	22	8.41	6.39	0.76	1612	8.32	6.32	0.76	1665	8.21	6.24	0.76	1736	8.06	6.13	0.76	1851
31	24	8.47	5.42	0.64	1633	8.38	5.36	0.64	1685	8.26	5.29	0.64	1757	8.12	5.19	0.64	1871
31	26	8.59	4.47	0.52	1657	8.50	4.42	0.52	1709	8.38	4.36	0.52	1781	8.23	4.28	0.52	1895
32	18	8.16	7.35	0.90	1584	8.07	7.27	0.90	1637	7.96	7.17	0.90	1709	7.82	7.04	0.90	1825
32	20	8.33	7.50	0.90	1611	8.24	7.41	0.90	1663	8.13	7.31	0.90	1736	7.98	7.18	0.90	1851
32	22	8.50	6.80	0.80	1629	8.40	6.72	0.80	1681	8.29	6.63	0.80	1753	8.14	6.51	0.80	1869
32	24	8.56	5.82	0.68	1650	8.46	5.75	0.68	1702	8.35	5.68	0.68	1775	8.20	5.57	0.68	1890
32	26	8.68	4.86	0.56	1674	8.58	4.81	0.56	1726	8.46	4.74	0.56	1799	8.31	4.66	0.56	1914

IDDB (°C)	ID WB (°C)	30				35				40				45				50			
		Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
21	18	6.24	3.75	0.60	1710	6.06	3.64	0.60	1775	5.56	3.34	0.60	1885	4.59	2.75	0.60	1957	3.79	2.27	0.60	2032
21	20	6.50	3.12	0.48	1734	6.31	3.03	0.48	1798	5.79	2.78	0.48	1909	4.78	2.29	0.48	1981	3.94	1.89	0.48	2056
22	18	6.44	4.12	0.64	1728	6.25	4.00	0.64	1793	5.74	3.67	0.64	1904	4.73	3.03	0.64	1977	3.90	2.50	0.64	2053
22	20	6.63	3.45	0.52	1752	6.44	3.35	0.52	1816	5.91	3.07	0.52	1928	4.88	2.54	0.52	2001	4.02	2.09	0.52	2076
22	22	6.75	2.70	0.40	1768	6.55	2.62	0.40	1833	6.01	2.40	0.40	1944	4.96	1.98	0.40	2017	4.09	1.64	0.40	2093
23	18	6.57	4.47	0.68	1745	6.38	4.34	0.68	1811	5.85	3.98	0.68	1924	4.83	3.28	0.68	1997	3.98	2.71	0.68	2073
23	20	6.77	3.79	0.56	1769	6.57	3.68	0.56	1835	6.03	3.38	0.56	1948	4.98	2.79	0.56	2021	4.11	2.30	0.56	2097
23	22	6.88	3.03	0.44	1786	6.68	2.94	0.44	1851	6.13	2.70	0.44	1964	5.06	2.23	0.44	2037	4.18	1.84	0.44	2114
24	18	6.70	4.83	0.72	1763	6.51	4.68	0.72	1829	5.97	4.30	0.72	1943	4.93	3.55	0.72	2017	4.07	2.93	0.72	2094
24	20	6.91	4.14	0.60	1787	6.71	4.02	0.60	1853	6.16	3.69	0.60	1967	5.08	3.05	0.60	2041	4.19	2.51	0.60	2118
24	22	7.02	3.37	0.48	1804	6.82	3.27	0.48	1870	6.26	3.00	0.48	1984	5.16	2.48	0.48	2058	4.26	2.05	0.48	2135
24	24	7.12	2.56	0.36	1823	6.91	2.49	0.36	1889	6.35	2.29	0.36	2003	5.24	1.89	0.36	2077	4.32	1.56	0.36	2154
25	18	6.91	5.25	0.76	1781	6.71	5.10	0.76	1847	6.16	4.68	0.76	1963	5.08	3.86	0.76	2038	4.19	3.19	0.76	2115
25	20	7.12	4.56	0.64	1805	6.91	4.42	0.64	1872	6.35	4.06	0.64	1987	5.24	3.35	0.64	2062	4.32	2.76	0.64	2140
25	22	7.24	3.77	0.52	1822	7.03	3.66	0.52	1889	6.45	3.36	0.52	2004	5.32	2.77	0.52	2079	4.39	2.28	0.52	2157
25	24	7.34	2.94	0.40	1841	7.13	2.85	0.40	1908	6.54	2.62	0.40	2023	5.40	2.16	0.40	2098	4.45	1.78	0.40	2176
26	18	7.12	5.70	0.80	1799	6.91	5.53	0.80	1866	6.35	5.08	0.80	1982	5.24	4.19	0.80	2058	4.32	3.46	0.80	2137
26	20	7.34	4.99	0.68	1823	7.13	4.85	0.68	1891	6.54	4.45	0.68	2007	5.40	3.67	0.68	2083	4.45	3.03	0.68	2162
26	22	7.47	4.18	0.56	1840	7.25	4.06	0.56	1908	6.65	3.73	0.56	2024	5.49	3.07	0.56	2100	4.53	2.54	0.56	2178
26	24	7.57	3.33	0.44	1860	7.35	3.23	0.44	1928	6.75	2.97	0.44	2044	5.57	2.45	0.44	2120	4.59	2.02	0.44	2198
26	26	7.69	2.46	0.32	1883	7.47	2.39	0.32	1950	6.85	2.19	0.32	2067	5.65	1.81	0.32	2142	4.67	1.49	0.32	2221
27	18	7.27	6.10	0.84	1817	7.06	5.93	0.84	1885	6.48	5.44	0.84	2002	5.34	4.49	0.84	2079	4.41	3.70	0.84	2158
27	19	7.42	5.78	0.78	1827	7.20	5.62	0.78	1895	6.61	5.16	0.78	2012	5.45	4.25	0.78	2089	4.50	3.51	0.78	2168
27	20	7.49	5.39	0.72	1842	7.27	5.24	0.72	1910	6.68	4.81	0.72	2027	5.51	3.97	0.72	2104	4.54	3.27	0.72	2183
27	22	7.62	4.57	0.60	1859	7.40	4.44	0.60	1927	6.79	4.07	0.60	2044	5.60	3.36	0.60	2121	4.62	2.77	0.60	2200
27	24	7.72	3.71	0.48	1879	7.50	3.60	0.48	1947	6.88	3.30	0.48	2064	5.68	2.73	0.48	2141	4.69	2.25	0.48	2220
27	26	7.85	2.83	0.36	1902	7.62	2.74	0.36	1970	6.99	2.52	0.36	2087	5.77	2.08	0.36	2164	4.76	1.71	0.36	2243
28	18	7.34	6.46	0.88	1835	7.13	6.27	0.88	1904	6.54	5.76	0.88	2023	5.40	4.75	0.88	2100	4.45	3.92	0.88	2180
28	20	7.49	5.69	0.76	1860	7.27	5.53	0.76	1929	6.68	5.07	0.76	2048	5.51	4.19	0.76	2125	4.54	3.45	0.76	2205
28	22	7.57	4.84	0.64	1877	7.34	4.70	0.64	1946	6.74	4.32	0.64	2065	5.56	3.56	0.64	2142	4.59	2.94	0.64	2222
28	24	7.69	4.00	0.52	1898	7.47	3.88	0.52	1966	6.86	3.57	0.52	2085	5.66	2.94	0.52	2162	4.67	2.43	0.52	2243
28	26	7.80	3.12	0.40	1921	7.57	3.03	0.40	1990	6.95	2.78	0.40	2108	5.74	2.29	0.40	2186	4.73	1.89	0.40	2266
29	18	7.41	6.67	0.90	1853	7.20	6.48	0.90	1923	6.61	5.95	0.90	2043	5.45	4.91	0.90	2121	4.50	4.05	0.90	2202
29	20	7.57	6.05	0.80	1879	7.34	5.88	0.80	1948	6.74	5.39	0.80	2068	5.56	4.45	0.80	2146	4.59	3.67	0.80	2227
29	22	7.72	5.25	0.68	1896	7.49	5.09	0.68	1966	6.88	4.68	0.68	2086	5.67	3.86	0.68	2164	4.68	3.18	0.68	2245
29	24	7.77	4.35	0.56	1917	7.54	4.22	0.56	1986	6.93	3.88	0.56	2106	5.71	3.20	0.56	2184	4.71	2.64	0.56	2265
29	26	7.88	3.47	0.44	1940	7.65	3.37	0.44	2010	7.02	3.09	0.44	2129	5.79	2.55	0.44	2207	4.78	2.10	0.44	2288
30	18	7.49	6.74	0.90	1872	7.27	6.54	0.90	1942	6.67	6.01	0.90	2063	5.51	4.96	0.90	2142	4.54	4.09	0.90	2224
30	20	7.64	6.42	0.84	1898	7.42	6.23	0.84	1968	6.81	5.72	0.84	2089	5.62	4.72	0.84	2168	4.63	3.89	0.84	2250
30	22	7.79	5.61	0.72	1915	7.57	5.45	0.72	1985	6.95	5.00	0.72	2106	5.73	4.13	0.72	2185	4.73	3.40	0.72	2267
30	24	7.85	4.71	0.60	1936	7.62	4.57	0.60	2006	6.99	4.20	0.60	2127	5.77	3.46	0.60	2206	4.76	2.86	0.60	2288
30	26	7.96	3.82	0.48	1959	7.73	3.71	0.48	2030	7.09	3.40	0.48	2151	5.85	2.81	0.48	2230	4.83	2.32	0.48	2311
31	18	7.56	6.81	0.90	1891	7.34	6.61	0.90	1962	6.74	6.07	0.90	2084	5.56	5.00	0.90	2163	4.59	4.13	0.90	2246
31	20	7.72	6.79	0.88	1917	7.49	6.59	0.88	1988	6.88	6.05	0.88	2110	5.67	4.99	0.88	2189	4.68	4.12	0.88	2272
31	22	7.87	5.98	0.76	1934	7.64	5.81	0.76	2005	7.02	5.33	0.76	2128	5.79	4.40	0.76	2207	4.77	3.63	0.76	2290
31	24	7.93	5.07	0.64	1955	7.70	4.93	0.64	2026	7.06	4.52	0.64	2148	5.83	3.73	0.64	2228	4.81	3.08	0.64	2311
31	26	8.04	4.18	0.52	1979	7.80	4.06	0.52	2050	7.16	3.73	0.52	2172	5.91	3.07	0.52	2252	4.88	2.54	0.52	2334
32	18	7.64	6.87	0.90	1909	7.42	6.67	0.90	1981	6.81	6.13	0.90	2105	5.62	5.05	0.90	2185	4.63	4.17	0.90	2268
32	20	7.79	7.01	0.90	1936	7.57	6.81	0.90	2007	6.95	6.25	0.90	2131	5.73	5.16	0.90	2211	4.73	4.26	0.90	2295
32	22	7.95	6.36	0.80	1954	7.72	6.17	0.80	2025	7.09	5.67	0.80	2149	5.85	4.68	0.80	2229	4.82	3.86	0.80	2313
32	24	8.01	5.44	0.68	1975	7.77	5.29	0.68	2046	7.14	4.85	0.68	2170	5.89	4.00	0.68	2250	4.86	3.30	0.68	2334
32	26	8.12	4.55	0.56	1999	7.88	4.41	0.56	2070	7.24	4.05	0.56	2194	5.97	3.34	0.56	2274	4.92	2.76	0.56	2358

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

			Cooling Operation PERFORMANCE DATA																																																		
			OUTDOOR DB (°C)																																																		
COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
	21	18	6.83	4.10	0.60	1362	6.76	4.06	0.60	1374	6.69	4.01	0.60	1387	6.60	3.96	0.60	1398	6.54	3.92	0.60	1405	6.47	3.88	0.60	1452	6.38	3.83	0.60	1516	6.26	3.76	0.60	1618	6.12	3.67	0.60	1693	5.94	3.56	0.60	1757	5.45	3.27	0.60	1866	4.50	2.70	0.60	1938	3.71	2.23	0.60	2012
	21	20	7.11	3.41	0.48	1385	7.04	3.38	0.48	1398	6.97	3.34	0.48	1410	6.88	3.30	0.48	1421	6.81	3.27	0.48	1429	6.73	3.23	0.48	1475	6.64	3.19	0.48	1539	6.52	3.13	0.48	1642	6.37	3.06	0.48	1717	6.18	2.97	0.48	1780	5.68	2.73	0.48	1890	4.68	2.25	0.48	1961	3.86	1.85	0.48	2035
	22	18	7.04	4.51	0.64	1375	6.97	4.46	0.64	1388	6.90	4.41	0.64	1401	6.81	4.36	0.64	1412	6.74	4.31	0.64	1419	6.67	4.27	0.64	1466	6.57	4.21	0.64	1531	6.46	4.13	0.64	1635	6.31	4.04	0.64	1710	6.12	3.92	0.64	1775	5.62	3.60	0.64	1885	4.64	2.97	0.64	1957	3.83	2.45	0.64	2032
	22	20	7.26	3.77	0.52	1399	7.19	3.74	0.52	1412	7.11	3.70	0.52	1424	7.02	3.65	0.52	1436	6.95	3.61	0.52	1443	6.87	3.57	0.52	1490	6.78	3.52	0.52	1555	6.66	3.46	0.52	1658	6.50	3.38	0.52	1734	6.31	3.28	0.52	1798	5.79	3.01	0.52	1909	4.78	2.49	0.52	1981	3.94	2.05	0.52	2056
	22	22	7.38	2.95	0.40	1415	7.31	2.92	0.40	1428	7.23	2.89	0.40	1441	7.14	2.85	0.40	1452	7.06	2.83	0.40	1459	6.99	2.80	0.40	1506	6.89	2.76	0.40	1571	6.77	2.71	0.40	1675	6.61	2.64	0.40	1750	6.42	2.57	0.40	1815	5.89	2.36	0.40	1925	4.86	1.94	0.40	1997	4.01	1.60	0.40	2072
	23	18	7.19	4.89	0.68	1389	7.11	4.84	0.68	1402	7.04	4.79	0.68	1415	6.95	4.72	0.68	1426	6.88	4.68	0.68	1434	6.80	4.63	0.68	1481	6.71	4.56	0.68	1547	6.59	4.48	0.68	1651	6.44	4.38	0.68	1728	6.25	4.25	0.68	1793	5.74	3.90	0.68	1904	4.73	3.22	0.68	1977	3.90	2.65	0.68	2052
	23	20	7.41	4.15	0.56	1413	7.33	4.11	0.56	1426	7.25	4.06	0.56	1439	7.16	4.01	0.56	1450	7.09	3.97	0.56	1458	7.01	3.93	0.56	1505	6.91	3.87	0.56	1571	6.79	3.80	0.56	1675	6.63	3.71	0.56	1752	6.44	3.61	0.56	1817	5.91	3.31	0.56	1928	4.88	2.73	0.56	2001	4.02	2.25	0.56	2076
	23	22	7.53	3.31	0.44	1430	7.46	3.28	0.44	1442	7.38	3.25	0.44	1455	7.28	3.20	0.44	1467	7.21	3.17	0.44	1474	7.13	3.14	0.44	1522	7.03	3.09	0.44	1587	6.91	3.04	0.44	1692	6.75	2.97	0.44	1768	6.55	2.88	0.44	1833	6.01	2.65	0.44	1945	4.96	2.18	0.44	2017	4.09	1.80	0.44	2093
	24	18	7.33	5.28	0.72	1403	7.26	5.23	0.72	1416	7.18	5.17	0.72	1429	7.09	5.10	0.72	1441	7.02	5.05	0.72	1448	6.94	5.00	0.72	1496	6.85	4.93	0.72	1562	6.72	4.84	0.72	1668	6.57	4.73	0.72	1745	6.38	4.59	0.72	1811	5.85	4.21	0.72	1923	4.83	3.48	0.72	1997	3.98	2.87	0.72	2073
	24	20	7.56	4.53	0.60	1428	7.48	4.49	0.60	1440	7.40	4.44	0.60	1453	7.31	4.38	0.60	1465	7.23	4.34	0.60	1472	7.15	4.29	0.60	1520	7.06	4.23	0.60	1586	6.93	4.16	0.60	1692	6.77	4.06	0.60	1769	6.57	3.94	0.60	1835	6.03	3.62	0.60	1948	4.98	2.99	0.60	2021	4.11	2.46	0.60	2097
	24	22	7.69	3.69	0.48	1444	7.61	3.65	0.48	1457	7.53	3.61	0.48	1470	7.43	3.57	0.48	1481	7.36	3.53	0.48	1489	7.28	3.49	0.48	1537	7.18	3.44	0.48	1603	7.05	3.38	0.48	1709	6.88	3.30	0.48	1786	6.68	3.21	0.48	1851	6.13	2.94	0.48	1964	5.06	2.43	0.48	2038	4.18	2.00	0.48	2114
	24	24	7.79	2.81	0.36	1463	7.72	2.78	0.36	1476	7.63	2.75	0.36	1489	7.53	2.71	0.36	1501	7.46	2.69	0.36	1508	7.38	2.66	0.36	1556	7.28	2.62	0.36	1622	7.15	2.57	0.36	1728	6.98	2.51	0.36	1805	6.78	2.44	0.36	1871	6.22	2.24	0.36	1984	5.13	1.85	0.36	2057	4.23	1.52	0.36	2133
	25	18	7.56	5.74	0.76	1417	7.48	5.69	0.76	1430	7.40	5.63	0.76	1444	7.31	5.55	0.76	1455	7.24	5.50	0.76	1463	7.16	5.44	0.76	1511	7.06	5.36	0.76	1578	6.93	5.27	0.76	1685	6.77	5.15	0.76	1763	6.57	5.00	0.76	1829	6.03	4.59	0.76	1943	4.98	3.78	0.76	2017	4.11	3.12	0.76	2094
	25	20	7.79	4.99	0.64	1442	7.71	4.94	0.64	1455	7.63	4.88	0.64	1468	7.53	4.82	0.64	1480	7.46	4.77	0.64	1487	7.38	4.72	0.64	1536	7.27	4.66	0.64	1602	7.15	4.57	0.64	1709	6.98	4.47	0.64	1787	6.77	4.34	0.64	1853	6.22	3.98	0.64	1967	5.13	3.28	0.64	2042	4.23	2.71	0.64	2119
	25	22	7.92	4.12	0.52	1459	7.84	4.08	0.52	1472	7.76	4.03	0.52	1485	7.66	3.98	0.52	1496	7.58	3.94	0.52	1504	7.50	3.90	0.52	1552	7.40	3.85	0.52	1619	7.27	3.78	0.52	1726	7.10	3.69	0.52	1804	6.89	3.58	0.52	1870	6.32	3.29	0.52	1984	5.22	2.71	0.52	2058	4.30	2.24	0.52	2135
	25	24	8.03	3.21	0.40	1478	7.95	3.18	0.40	1491	7.87	3.15	0.40	1504	7.77	3.11	0.40	1516	7.69	3.08	0.40	1523	7.61	3.04	0.40	1572	7.50	3.00	0.40	1639	7.37	2.95	0.40	1745	7.20	2.88	0.40	1823	6.99	2.79	0.40	1890	6.41	2.57	0.40	2004	5.29	2.12	0.40	2078	4.37	1.75	0.40	2155
	26	18	7.79	6.23	0.80	1432	7.72	6.17	0.80	1445	7.63	6.11	0.80	1458	7.53	6.03	0.80	1470	7.46	5.97	0.80	1477	7.38	5.90	0.80	1527	7.28	5.82	0.80	1594	7.15	5.72	0.80	1702	6.98	5.58	0.80	1781	6.78	5.42	0.80	1847	6.22	4.98	0.80	1963	5.13	4.11	0.80	2037	4.23	3.39	0.80	2115
	26	20	8.03	5.46	0.68	1457	7.95	5.41	0.68	1470	7.87	5.35	0.68	1483	7.76	5.28	0.68	1495	7.69	5.23	0.68	1502	7.60	5.17	0.68	1551	7.50	5.10	0.68	1619	7.37	5.01	0.68	1726	7.19	4.89	0.68	1805	6.98	4.75	0.68	1872	6.41	4.36	0.68	1987	5.29	3.60	0.68	2062	4.36	2.97	0.68	2140
	26	22	8.17	4.57	0.56	1473	8.09	4.53	0.56	1486	8.00	4.48	0.56	1500	7.90	4.42	0.56	1512	7.82	4.38	0.56	1519	7.73	4.33	0.56	1568	7.63	4.27	0.56	1635	7.49	4.20	0.56	1743	7.32	4.10	0.56	1822	7.10	3.98	0.56	1889	6.52	3.65	0.56	2004	5.38	3.01	0.56	2079	4.44	2.49	0.56	2157
	26	24	8.28	3.64	0.44	1493	8.20	3.61	0.44	1506	8.11	3.57	0.44	1519	8.01	3.52	0.44	1531	7.93	3.49	0.44	1539	7.84	3.45	0.44	1588	7.73	3.40	0.44	1655	7.60	3.34	0.44	1763	7.42	3.26	0.44	1842	7.20	3.17	0.44	1909	6.61	2.91	0.44	2024	5.45	2.40	0.44	2099	4.50	1.98	0.44	2177
	26	26	8.41	2.69	0.32	1516	8.33	2.67	0.32	1529	8.24	2.64	0.32	1542	8.13	2.60	0.32	1554	8.05	2.58	0.32	1562	7.97	2.55	0.32	1611	7.86	2.51	0.32	1678	7.72	2.47	0.32	1786	7.54	2.41	0.32	1865	7.32	2.34	0.32	1932	6.72	2.15	0.32	2047	5.54	1.77	0.32	2122	4.57	1.46	0.32	2199
	27	18	7.95	6.68	0.84	1446	7.87	6.61	0.84	1459	7.79	6.54	0.84	1473	7.69	6.46	0.84	1485	7.61	6.39	0.84	1492	7.53	6.32	0.84	1542	7.42	6.24	0.84	1610	7.29	6.13	0.84	1719	7.12	5.98	0.84	1799	6.91	5.81	0.84	1866	6.35	5.33	0.84	1982	5.24	4.40	0.84	2058	4.32	3.63	0.84	2137
	27	19	8.11	6.33	0.78	1456	8.03	6.27	0.78	1469	7.95	6.20	0.78	1483	7.84	6.12	0.78	1495	7.77	6.06	0.78	1502	7.68	5.99	0.78	1552	7.58	5.91	0.78	1620	7.44	5.80	0.78	1729	7.27	5.67	0.78	1809	7.06	5.50	0.78	1876	6.48	5.05	0.78	1992	5.34	4.17	0.78	2068	4.41	3.44	0.78	2147
	27	20	8.20	5.90	0.72	1471	8.11	5.84	0.72	1484	8.03	5.78	0.72	1498	7.92	5.70	0.72	1510	7.84	5.65	0.72	1517	7.76	5.59	0.72	1567	7.65	5.51	0.72	1635	7.52	5.41	0.72	1744	7.34	5.29	0.72	1824	7.13	5.13	0.72	1891	6.54	4.71	0.72	2007	5.40	3.89	0.72	2083	4.45	3.21	0.72	2162
	27	22	8.33	5.00	0.60	1488	8.25	4.95	0.60	1501	8.16	4.90	0.60	1515	8.06	4.83	0.60	1527	7.98	4.79	0.60	1534	7.89	4.73	0.60	1584	7.78	4.67	0.60	1652	7.64	4.59	0.60	1761	7.47	4.48	0.60	1841	7.25	4.35	0.60	1908	6.65	3.99	0.60	2024	5.49	3.29	0.60	2100	4.53	2.72	0.60	2179
90%	27	24	8.45	4.06	0.48	1508	8.37	4.02	0.48	1521	8.28	3.97	0.48	1535	8.17	3.92	0.48	1547	8.09	3.88	0.48	1554	8.00	3.84	0.48	1604	7.89	3.79	0.48	1672	7.75	3.72	0.48	1781	7.57	3.63	0.48	1861	7.35	3.53	0.48	1928	6.75	3.24	0.48	2044	5.57	2.67	0.48	2120	4.59	2.20	0.48	2199
	27	26	8.59	3.09	0.36	1531	8.50	3.06	0.36	1544	8.41	3.03	0.36	1558	8.30	2.99	0.36	1570	8.22	2.96	0.36	1577	8.13	2.93	0.36	1627	8.02	2.89	0.36	1695	7.88	2.84	0.36	1804	7.69	2.77	0.36	1884	7.47	2.69	0.36	1951	6.85	2.47	0.36	2067	5.65	2.04	0.36	2143	4.67	1.68	0.36	2222
	28	18	8.03	7.07	0.88	1461	7.95	7.00	0.88	1474	7.87	6.92	0.88	1488	7.76	6.83	0.88	1500	7.69	6.76	0.88	1507	7.60	6.69	0.88	1557	7.50	6.60	0.88	1626	7.37	6.48	0.88	1736	7.19	6.33	0.88	1816	6.98	6.15	0.88	1885	6.41	5.64	0.88	2002	5.29	4.65	0.88	2079	4.36	3.84	0.88	2158
	28	20	8.20	6.23	0.76	1486	8.11	6.17	0.76	1499	8.03	6.10	0.76	1513	7.92	6.02	0.76	1525	7.84	5.96	0.76	1532	7.76	5.90	0.76	1583	7.65	5.82	0.76	1651	7.52	5.71	0.76	1761	7.34	5.58	0.76	1842	7.13	5.42	0.76	1910	6.54	4.97	0.76	2027	5.40	4.10	0.76	2104	4.45	3.38	0.76	2183
	28	22	8.28	5.30	0.64	1503	8.20	5.24	0.64	1517	8.11	5.19	0.64	1530	8.00	5.12	0.64	1542	7.92	5.07	0.64	1550	7.84	5.02	0.64	1600	7.73	4.95	0.64	1669	7.59	4.86	0.64	1779	7.41	4.74	0.64	1859	7.20	4.61	0.64	1927	6.61	4.23	0.64	2045	5.45	3.49	0.64	2121	4.50	2.88	0.64	2200
	28	24	8.42	4.38	0.52	1523	8.33	4.33	0.52	1537	8.24	4.29	0.52	1550	8.14	4.23	0.52	1562	8.06	4.19	0.52	1570	7.97	4.14	0.52	1620	7.86	4.09	0.52	1689	7.72	4.01	0.52	1799	7.54	3.92	0.52	1879	7.32	3.81	0.52	1947	6.72	3.49	0.52	2065	5.54	2.88	0.52	2141	4.57	2.38	0.52	2221
	28	26	8.54	3.41	0.40	1547	8.45	3.38	0.40	1560	8.36	3.34	0.40	1573	8.25	3.30	0.40	1585	8.17	3.27	0.40	1593	8.08	3.23	0.40	1643	7.97	3.19	0.40	1712	7.83	3.13	0.40	1822	7.65	3.06	0.40	1902	7.42	2.97	0.40	1971	6.81	2.73	0.40	2088	5.62	2.25	0.40	2165	4.64	1.86	0.40	2244
	29	18	8.11	7.30	0.90	1475	8.03	7.23	0.90	1489	7.94	7.15	0.90	1502	7.84	7.06	0.90	1515	7.76	6.99	0.90	1522	7.68	6.91	0.90	1573	7.57	6.82	0.90	1642	7.44	6.70	0.90	1753	7.27	6.54	0.90	1835	7.05	6.35	0.90	1904	6.48	5.83	0.90	2022	5.34	4.81	0.90	2099	4.41	3.97	0.90	2180
	29	20	8.28	6.62	0.80	1501	8.20	6.56	0.80	1514	8.11	6.48	0.80	1528	8.00	6.40	0.80	1540	7.92	6.34	0.80	1548	7.84	6.27	0.80	1598	7.73	6.18	0.80	1668	7.59	6.07	0.80	1779	7.41	5.93	0.80	1860	7.20	5.76	0.80	1929	6.61	5.29	0.80	2048	5.45	4.36	0.80	2125	4.50	3.60	0.80	2205
	29	22	8.44	5.74	0.68	1518	8.36	5.68	0.68	1532	8.27	5.62	0.68	1545	8.16	5.55	0.68	1557	8.08	5.50	0.68	1565	7.99	5.44	0.68	1616	7.88	5.36	0.68	1685	7.74	5.27	0.68	1796	7.56	5.14	0.68	1878	7.34	4.99	0.68	1946	6.74	4.58	0.68	2065	5.56	3.78	0.68	2142	4.59	3.12	0.68	2222
	29	24	8.50	4.76	0.56	1539	8.42	4.71	0.56	1552	8.33	4.66	0.56	1566	8.22	4.60	0.56	1578	8.14	4.56	0.56	1586	8.05	4.51	0.56	1636	7.94	4.45	0.56	1706	7.80	4.37	0.56	1817	7.62	4.26	0.56	1898	7.39	4.14	0.56	1967	6.79	3.80	0.56	2085	5.60	3.14	0.56	2163	4.62	2.59	0.56	2243
	29	26	8.62	3.79	0.44	1562	8.54	3.76	0.44	1576	8.44	3.71	0.44	1589	8.33	3.67	0.44	1601	8.25	3.63	0.44	1609	8.16	3.59	0.44	1660	8.05	3.54	0.44	1729	7.91	3.48	0.44	1840	7.72	3.40	0.44	1921	7.50	3.30	0.44	1990	6.88	3.03	0.44	2109	5.68	2.50	0.44	2186	4.68	2.06	0.44	2266
	30	18	8.19	7.37	0.90	1490	8.11	7.30	0.90	1504	8.02	7.22	0.90	1517	7.92	7.13	0.90	1530	7.84	7.06	0.90	1538	7.76	6.98	0.90	1589	7.65	6.88	0.90	1659	7.51	6.76	0.90	1771	7.34	6.60	0.90	1853	7.12	6.41	0.90	1923	6.54	5.89	0.90	2042	5.40	4.86	0.90	2120	4.45	4.01	0.90	2201
	30	20	8.36	7.02	0.84	1516	8.28	6.95	0.84	1529	8.19	6.88	0.84	1543	8.08	6.79	0.84	1556	8.00	6.72	0.84	1563	7.91	6.65	0.84	1614	7.81	6.56	0.84	1685	7.67	6.44	0.84	1797	7.49	6.29	0.84	1879	7.27	6.11	0.84	1948	6.67	5.61	0.84	2068	5.51	4.62	0.84	2146	4.54	3.82	0.84	2227
	30	22	8.53	6.14	0.72	1533	8.44	6.08	0.72	1547	8.35	6.01	0.72	1561	8.24	5.94	0.72	1573	8.16	5.88	0.72	1581	8.07	5.81	0.72	1632	7.96	5.73	0.72	1702	7.82	5.63	0.72	1814	7.64	5.50	0.72	1896	7.42	5.34	0.72	1966	6.81	4.90	0.72	2086	5.62	4.04	0.72	2164	4.63	3.34	0.72	2245
	30	24	8.59	5.15	0.60	1554	8.50	5.10	0.60	1568	8.41	5.05	0.60	1581	8.30	4.98	0.60	1594	8.22	4.93	0.60	1601	8.13	4.88	0.60	1653	8.02	4.81	0.60	1723	7.88	4.73	0.60	1835	7.69	4.61	0.60	1917	7.47	4.48	0.60	1986	6.86	4.11	0.60	2106	5.66	3.39	0.60	2184	4.67	2.80	0.60	2265
	30	26	8.71	4.18	0.48	1578	8.62	4.14	0.48	1591	8.53	4.09	0.48	1605	8.42	4.04	0.48	1617	8.33	4.00	0.48	1625	8.24	3.96	0.48	1676	8.13	3.90	0.48	1746	7.99	3.83	0.48	1859	7.80	3.74	0.48	1941	7.57	3.63	0.48	2010	6.95	3.34	0.48	2130	5.73	2.75	0.48	2208	4.73	2.27	0.48	2289
	31	18	8.27	7.45	0.90	1505	8.19	7.37	0.90	1519	8.10	7.29	0.90	1533	8.00	7.20	0.90	1545	7.92	7.13	0.90	1553	7.83	7.05	0.90	1605	7.73	6.95	0.90	1675	7.59	6.83	0.90	1789	7.41	6.67	0.90	1872	7.20	6.48	0.90	1942	6.61	5.95	0.90	2063	5.45	4.90	0.90	2142	4.50	4.05	0.90	2223
	31	20	8.44	7.43	0.88	1531	8.36	7.36	0.88	1545	8.27	7.28	0.88	1559	8.16	7.18	0.88	1571	8.08	7.11	0.88	1579	7.99	7.03	0.88	1631	7.88	6.94	0.88	1701	7.74	6.81	0.88	1815	7.56	6.66	0.88	1898	7.34	6.46	0.88	1968	6.74	5.93	0.88	2089	5.56	4.89	0.88	2168	4.59	4.04	0.88	2249
	31	22	8.61	6.55	0.76	1549	8.53	6.48	0.76	1562	8.43	6.41	0.76	1576	8.33	6.33	0.76	1589	8.24	6.27	0.76	1597	8.15	6.20	0.76	1648	8.04	6.11	0.76	1719	7.90	6.00	0.76	1832	7.71	5.86	0.76	1915	7.49	5.69	0.76	1986	6.88	5.23	0.76	2107	5.67	4.31	0.76	2185	4.68	3.56	0.76	2267
	31	24	8.67	5.55	0.64	1570	8.59	5.50	0.64	1583	8.49	5.44	0.64	1597	8.38	5.37	0.64	1610	8.30	5.31	0.64	1617	8.21	5.26	0.64	1669	8.10	5.18	0.64	1740	7.95	5.09	0.64	1853	7.77	4.97	0.64	1936	7.54	4.83	0.64	2006	6.92	4.43	0.64	2127	5.71	3.66	0.64	2206	4.71	3.02	0.64	2288
	31	26	8.79	4.57	0.52	1593	8.71	4.53	0.52	1607	8.61	4.48	0.52	1621	8.50	4.42	0.52	1634	8.42	4.38	0.52	1641	8.33	4.33	0.52	1693	8.21	4.27	0.52	1764	8.07	4.19	0.52	1877	7.88	4.10	0.52	1960	7.65	3.98	0.52	2030	7.02	3.65	0.52	2151	5.79	3.01	0.52	2230	4.78	2.48	0.52	2312
	32	18	8.36	7.52	0.90	1520	8.27	7.45	0.90	1534	8.18	7.37	0.90	1548	8.08	7.27	0.90	1561	8.00	7.20	0.90	1568	7.91	7.12	0.90	1621	7.80	7.02	0.90	1692	7.67	6.90	0.90	1807	7.49	6.74	0.90	1890	7.27	6.54	0.90	1961	6.67	6.00	0.90	2083	5.50	4.95	0.90	2163	4.54	4.09	0.90	2246
	32	20	8.53	7.68	0.90	1546	8.44	7.60	0.90	1560	8.35	7.52	0.90	1574	8.24	7.42	0.90	1587	8.16	7.35	0.90	1595	8.07	7.27	0.90	1647	7.96	7.17	0.90	1718	7.82	7.04	0.90	1833	7.64	6.87	0.90	1917	7.42	6.67	0.90	1988	6.81	6.13	0.90	2110	5.62	5.05	0.90	2189	4.63	4.17	0.90	2272
	32	22	8.70	6.96	0.80	1564	8.61	6.89	0.80	1578	8.52	6.81	0.80	1592	8.41	6.73	0.80	1605	8.33	6.66	0.80	1613	8.24	6.59	0.80	1665	8.12	6.50	0.80	1736	7.98	6.38	0.80	1851	7.79	6.23	0.80	1934	7.56	6.05	0.80	2005	6.94	5.56	0.80	2128	5.73	4.58	0.80	2207	4.73	3.78	0.80	2290
	32	24	8.76	5.96	0.68	1585	8.67	5.90	0.68	1599	8.58	5.83	0.68	1613	8.47	5.76	0.68	1626	8.38	5.70	0.68	1634	8.29	5.64	0.68	1686	8.18	5.56	0.68	1757	8.03	5.46	0.68	1872	7.85	5.34	0.68	1955	7.62	5.18	0.68	2026	6.99	4.76	0.68	2149	5.77	3.92	0.68	2228	4.76	3.24	0.68	2311
	32	26	8.88	4.97	0.56	1609	8.79	4.92	0.56	1623	8.70	4.87	0.56	1637	8.59	4.81	0.56	1650	8.50	4.76	0.56	1658	8.41	4.71	0.56	1710	8.29	4.64	0.56	1781	8.15	4.56	0.56	1896	7.96	4.46	0.56	1980	7.72	4.33	0.56	2051	7.09	3.97	0.56	2173	5.85	3.28	0.56	2252	4.83	2.70	0.56	2335

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
80%	21	18	6.62	3.97	0.60	1348	6.56	3.93	0.60	1360	6.48	3.89	0.60	1373	6.40	3.84	0.60	1384	6.34	3.80	0.60	1391	6.27	3.76	0.60	1437	6.18	3.71	0.60	1500	6.07	3.64	0.60	1602	5.93	3.56	0.60	1676	5.76	3.45	0.60	1739	5.29	3.17	0.60	1847	4.36	2.62	0.60	1918	3.60	2.16	0.60	1991
	21	20	6.89	3.31	0.48	1371	6.83	3.28	0.48	1384	6.75	3.24	0.48	1396	6.67	3.20	0.48	1407	6.60	3.17	0.48	1414	6.53	3.13	0.48	1461	6.44	3.09	0.48	1524	6.32	3.04	0.48	1625	6.18	2.96	0.48	1700	6.00	2.88	0.48	1763	5.50	2.64	0.48	1871	4.54	2.18	0.48	1942	3.75	1.80	0.48	2015
	22	18	6.83	4.37	0.64	1361	6.76	4.33	0.64	1374	6.69	4.28	0.64	1386	6.60	4.22	0.64	1398	6.53	4.18	0.64	1405	6.46	4.14	0.64	1451	6.37	4.08	0.64	1516	6.26	4.01	0.64	1618	6.11	3.91	0.64	1693	5.94	3.80	0.64	1757	5.45	3.49	0.64	1866	4.50	2.88	0.64	1937	3.71	2.37	0.64	2011
	22	20	7.04	3.66	0.52	1385	6.97	3.62	0.52	1398	6.89	3.58	0.52	1410	6.80	3.54	0.52	1421	6.73	3.50	0.52	1429	6.66	3.46	0.52	1475	6.57	3.42	0.52	1539	6.45	3.36	0.52	1642	6.30	3.28	0.52	1717	6.12	3.18	0.52	1780	5.62	2.92	0.52	1890	4.63	2.41	0.52	1961	3.82	1.99	0.52	2035
	22	22	7.15	2.86	0.40	1401	7.08	2.83	0.40	1414	7.01	2.80	0.40	1426	6.92	2.77	0.40	1438	6.85	2.74	0.40	1445	6.77	2.71	0.40	1491	6.68	2.67	0.40	1555	6.56	2.62	0.40	1658	6.41	2.56	0.40	1733	6.22	2.49	0.40	1797	5.71	2.28	0.40	1906	4.71	1.88	0.40	1977	3.89	1.56	0.40	2051
	23	18	6.97	4.74	0.68	1375	6.90	4.69	0.68	1388	6.82	4.64	0.68	1400	6.73	4.58	0.68	1412	6.67	4.53	0.68	1419	6.59	4.48	0.68	1466	6.50	4.42	0.68	1531	6.39	4.34	0.68	1634	6.24	4.24	0.68	1710	6.06	4.12	0.68	1774	5.56	3.78	0.68	1885	4.59	3.12	0.68	1957	3.78	2.57	0.68	2032
	23	20	7.18	4.02	0.56	1399	7.11	3.98	0.56	1412	7.03	3.94	0.56	1424	6.94	3.89	0.56	1436	6.87	3.85	0.56	1443	6.80	3.81	0.56	1490	6.70	3.75	0.56	1555	6.58	3.69	0.56	1658	6.43	3.60	0.56	1734	6.24	3.50	0.56	1798	5.73	3.21	0.56	1909	4.73	2.65	0.56	1981	3.90	2.18	0.56	2056
	23	22	7.30	3.21	0.44	1415	7.23	3.18	0.44	1428	7.15	3.15	0.44	1441	7.06	3.11	0.44	1452	6.99	3.07	0.44	1459	6.91	3.04	0.44	1507	6.82	3.00	0.44	1571	6.70	2.95	0.44	1675	6.54	2.88	0.44	1750	6.35	2.79	0.44	1815	5.83	2.56	0.44	1925	4.81	2.12	0.44	1997	3.97	1.75	0.44	2072
	24	18	7.11	5.12	0.72	1389	7.04	5.07	0.72	1402	6.96	5.01	0.72	1415	6.87	4.95	0.72	1426	6.80	4.90	0.72	1433	6.73	4.85	0.72	1481	6.64	4.78	0.72	1546	6.52	4.69	0.72	1651	6.37	4.58	0.72	1727	6.18	4.45	0.72	1792	5.67	4.09	0.72	1904	4.68	3.37	0.72	1977	3.86	2.78	0.72	2052
	24	20	7.33	4.40	0.60	1413	7.25	4.35	0.60	1426	7.17	4.30	0.60	1439	7.08	4.25	0.60	1450	7.01	4.21	0.60	1458	6.94	4.16	0.60	1505	6.84	4.10	0.60	1571	6.72	4.03	0.60	1675	6.56	3.94	0.60	1752	6.37	3.82	0.60	1816	5.85	3.51	0.60	1928	4.82	2.89	0.60	2001	3.98	2.39	0.60	2076
	24	22	7.45	3.58	0.48	1430	7.38	3.54	0.48	1442	7.30	3.50	0.48	1455	7.20	3.46	0.48	1467	7.13	3.42	0.48	1474	7.05	3.39	0.48	1522	6.96	3.34	0.48	1587	6.83	3.28	0.48	1692	6.67	3.20	0.48	1768	6.48	3.11	0.48	1833	5.95	2.85	0.48	1945	4.91	2.36	0.48	2017	4.05	1.94	0.48	2093
	24	24	7.55	2.72	0.36	1449	7.48	2.69	0.36	1462	7.40	2.66	0.36	1475	7.30	2.63	0.36	1486	7.23	2.60	0.36	1493	7.15	2.57	0.36	1541	7.05	2.54	0.36	1606	6.93	2.49	0.36	1711	6.77	2.44	0.36	1788	6.57	2.36	0.36	1852	6.03	2.17	0.36	1964	4.98	1.79	0.36	2037	4.10	1.48	0.36	2112
	25	18	7.33	5.57	0.76	1403	7.25	5.51	0.76	1416	7.18	5.45	0.76	1429	7.08	5.38	0.76	1440	7.01	5.33	0.76	1448	6.94	5.27	0.76	1496	6.84	5.20	0.76	1562	6.72	5.11	0.76	1668	6.56	4.99	0.76	1745	6.37	4.84	0.76	1810	5.85	4.45	0.76	1923	4.83	3.67	0.76	1997	3.98	3.03	0.76	2073
	25	20	7.55	4.83	0.64	1428	7.48	4.79	0.64	1440	7.40	4.73	0.64	1453	7.30	4.67	0.64	1465	7.23	4.63	0.64	1472	7.15	4.58	0.64	1520	7.05	4.51	0.64	1586	6.93	4.43	0.64	1692	6.76	4.33	0.64	1769	6.57	4.20	0.64	1835	6.03	3.86	0.64	1948	4.97	3.18	0.64	2021	4.10	2.63	0.64	2097
	25	22	7.68	3.99	0.52	1444	7.60	3.95	0.52	1457	7.52	3.91	0.52	1470	7.42	3.86	0.52	1482	7.35	3.82	0.52	1489	7.27	3.78	0.52	1537	7.17	3.73	0.52	1603	7.04	3.66	0.52	1709	6.88	3.58	0.52	1786	6.68	3.47	0.52	1852	6.13	3.19	0.52	1964	5.06	2.63	0.52	2038	4.17	2.17	0.52	2114
	25	24	7.79	3.12	0.40	1464	7.71	3.08	0.40	1477	7.63	3.05	0.40	1490	7.53	3.01	0.40	1501	7.45	2.98	0.40	1509	7.37	2.95	0.40	1557	7.27	2.91	0.40	1623	7.14	2.86	0.40	1728	6.98	2.79	0.40	1806	6.77	2.71	0.40	1871	6.22	2.49	0.40	1984	5.13	2.05	0.40	2057	4.23	1.69	0.40	2134
	26	18	7.55	6.04	0.80	1417	7.48	5.98	0.80	1430	7.40	5.92	0.80	1443	7.30	5.84	0.80	1455	7.23	5.78	0.80	1462	7.15	5.72	0.80	1511	7.05	5.64	0.80	1578	6.93	5.54	0.80	1684	6.77	5.41	0.80	1762	6.57	5.26	0.80	1829	6.03	4.82	0.80	1943	4.98	3.98	0.80	2017	4.10	3.28	0.80	2094
	26	20	7.79	5.29	0.68	1442	7.71	5.24	0.68	1455	7.62	5.18	0.68	1468	7.53	5.12	0.68	1480	7.45	5.07	0.68	1487	7.37	5.01	0.68	1536	7.27	4.94	0.68	1602	7.14	4.86	0.68	1709	6.97	4.74	0.68	1787	6.77	4.60	0.68	1853	6.22	4.23	0.68	1967	5.13	3.49	0.68	2042	4.23	2.88	0.68	2119
	26	22	7.92	4.43	0.56	1459	7.84	4.39	0.56	1472	7.75	4.34	0.56	1485	7.65	4.29	0.56	1497	7.58	4.24	0.56	1504	7.50	4.20	0.56	1553	7.39	4.14	0.56	1619	7.26	4.07	0.56	1726	7.09	3.97	0.56	1804	6.89	3.86	0.56	1870	6.32	3.54	0.56	1984	5.21	2.92	0.56	2058	4.30	2.41	0.56	2135
	26	24	8.03	3.53	0.44	1479	7.95	3.50	0.44	1492	7.86	3.46	0.44	1505	7.76	3.42	0.44	1516	7.68	3.38	0.44	1524	7.60	3.34	0.44	1572	7.50	3.30	0.44	1639	7.36	3.24	0.44	1746	7.19	3.16	0.44	1824	6.98	3.07	0.44	1890	6.41	2.82	0.44	2004	5.29	2.33	0.44	2078	4.36	1.92	0.44	2155
	26	26	8.16	2.61	0.32	1501	8.08	2.58	0.32	1514	7.99	2.56	0.32	1527	7.89	2.52	0.32	1539	7.81	2.50	0.32	1547	7.72	2.47	0.32	1595	7.62	2.44	0.32	1662	7.48	2.39	0.32	1769	7.31	2.34	0.32	1847	7.09	2.27	0.32	1913	6.51	2.08	0.32	2027	5.37	1.72	0.32	2101	4.43	1.42	0.32	2178
	27	18	7.71	6.47	0.84	1432	7.63	6.41	0.84	1445	7.55	6.34	0.84	1458	7.45	6.26	0.84	1470	7.38	6.20	0.84	1477	7.30	6.13	0.84	1526	7.20	6.05	0.84	1594	7.07	5.94	0.84	1701	6.90	5.80	0.84	1780	6.70	5.63	0.84	1847	6.15	5.17	0.84	1962	5.08	4.26	0.84	2037	4.19	3.52	0.84	2115
	27	19	7.87	6.14	0.78	1442	7.79	6.07	0.78	1455	7.70	6.01	0.78	1468	7.60	5.93	0.78	1480	7.53	5.87	0.78	1487	7.45	5.81	0.78	1536	7.34	5.73	0.78	1604	7.21	5.63	0.78	1711	7.05	5.50	0.78	1790	6.84	5.34	0.78	1857	6.28	4.90	0.78	1972	5.18	4.04	0.78	2047	4.27	3.33	0.78	2125
	27	20	7.94	5.72	0.72	1457	7.87	5.66	0.72	1470	7.78	5.60	0.72	1483	7.68	5.53	0.72	1495	7.60	5.47	0.72	1502	7.52	5.42	0.72	1551	7.42	5.34	0.72	1619	7.29	5.25	0.72	1726	7.12	5.12	0.72	1805	6.91	4.97	0.72	1872	6.34	4.57	0.72	1987	5.23	3.77	0.72	2062	4.32	3.11	0.72	2140
	27	22	8.08	4.85	0.60	1474	8.00	4.80	0.60	1487	7.91	4.75	0.60	1500	7.81	4.69	0.60	1512	7.73	4.64	0.60	1519	7.65	4.59	0.60	1568	7.54	4.53	0.60	1636	7.41	4.45	0.60	1743	7.24	4.34	0.60	1822	7.03	4.22	0.60	1889	6.45	3.87	0.60	2004	5.32	3.19	0.60	2079	4.39	2.63	0.60	2157
	27	24	8.19	3.93	0.48	1494	8.11	3.89	0.48	1507	8.02	3.85	0.48	1520	7.92	3.80	0.48	1532	7.84	3.76	0.48	1539	7.76	3.72	0.48	1588	7.65	3.67	0.48	1656	7.51	3.61	0.48	1763	7.34	3.52	0.48	1842	7.12	3.42	0.48	1909	6.54	3.14	0.48	2024	5.40	2.59	0.48	2099	4.45	2.14	0.48	2177
	27	26	8.32	3.00	0.36	1517	8.24	2.97	0.36	1530	8.15	2.93	0.36	1543	8.05	2.90	0.36	1555	7.97	2.87	0.36	1562	7.88	2.84	0.36	1611	7.77	2.80	0.36	1679	7.63	2.75	0.36	1786	7.46	2.68	0.36	1865	7.24	2.61	0.36	1932	6.64	2.39	0.36	2047	5.48	1.97	0.36	2122	4.52	1.63	0.36	2200
	28	18	7.79	6.85	0.88	1446	7.71	6.78	0.88	1459	7.62	6.71	0.88	1472	7.53	6.62	0.88	1484	7.45	6.56	0.88	1492	7.37	6.49	0.88	1542	7.27	6.40	0.88	1610	7.14	6.28	0.88	1718	6.97	6.14	0.88	1798	6.77	5.96	0.88	1866	6.22	5.47	0.88	1982	5.13	4.51	0.88	2058	4.23	3.72	0.88	2136
	28	20	7.94	6.04	0.76	1471	7.87	5.98	0.76	1484	7.78	5.91	0.76	1498	7.68	5.84	0.76	1510	7.60	5.78	0.76	1517	7.52	5.72	0.76	1567	7.42	5.64	0.76	1635	7.29	5.54	0.76	1744	7.12	5.41	0.76	1823	6.91	5.25	0.76	1891	6.34	4.82	0.76	2007	5.23	3.98	0.76	2083	4.32	3.28	0.76	2161
	28	22	8.02	5.14	0.64	1488	7.94	5.08	0.64	1502	7.86	5.03	0.64	1515	7.76	4.96	0.64	1527	7.68	4.92	0.64	1534	7.60	4.86	0.64	1584	7.49	4.79	0.64	1652	7.36	4.71	0.64	1761	7.19	4.60	0.64	1840	6.98	4.47	0.64	1908	6.41	4.10	0.64	2024	5.28	3.38	0.64	2100	4.36	2.79	0.64	2179
	28	24	8.16	4.24	0.52	1508	8.08	4.20	0.52	1522	7.99	4.16	0.52	1535	7.89	4.10	0.52	1547	7.81	4.06	0.52	1555	7.73	4.02	0.52	1604	7.62	3.96	0.52	1672	7.48	3.89	0.52	1781	7.31	3.80	0.52	1861	7.10	3.69	0.52	1928	6.51	3.39	0.52	2044	5.37	2.79	0.52	2120	4.43	2.31	0.52	2199
	28	26	8.27	3.31	0.40	1532	8.19	3.28	0.40	1545	8.10	3.24	0.40	1558	8.00	3.20	0.40	1570	7.92	3.17	0.40	1578	7.83	3.13	0.40	1627	7.73	3.09	0.40	1695	7.59	3.04	0.40	1804	7.41	2.96	0.40	1884	7.20	2.88	0.40	1951	6.61	2.64	0.40	2068	5.45	2.18	0.40	2143	4.50	1.80	0.40	2222
	29	18	7.86	7.08	0.90	1460	7.79	7.01	0.90	1474	7.70	6.93	0.90	1487	7.60	6.84	0.90	1499	7.53	6.77	0.90	1507	7.44	6.70	0.90	1557	7.34	6.61	0.90	1626	7.21	6.49	0.90	1736	7.04	6.34	0.90	1816	6.84	6.15	0.90	1884	6.28	5.65	0.90	2002	5.18	4.66	0.90	2078	4.27	3.85	0.90	2157
	29	20	8.02	6.42	0.80	1486	7.94	6.36	0.80	1499	7.86	6.29	0.80	1513	7.76	6.21	0.80	1525	7.68	6.14	0.80	1532	7.60	6.08	0.80	1582	7.49	5.99	0.80	1651	7.36	5.89	0.80	1761	7.19	5.75	0.80	1842	6.98	5.58	0.80	1910	6.41	5.12	0.80	2027	5.28	4.23	0.80	2104	4.36	3.49	0.80	2183
	29	22	8.18	5.57	0.68	1503	8.10	5.51	0.68	1517	8.02	5.45	0.68	1530	7.91	5.38	0.68	1542	7.83	5.33	0.68	1550	7.75	5.27	0.68	1600	7.64	5.20	0.68	1669	7.51	5.10	0.68	1779	7.33	4.98	0.68	1859	7.12	4.84	0.68	1927	6.53	4.44	0.68	2045	5.39	3.67	0.68	2121	4.45	3.02	0.68	2200
	29	24	8.24	4.62	0.56	1524	8.16	4.57	0.56	1537	8.07	4.52	0.56	1550	7.97	4.46	0.56	1562	7.89	4.42	0.56	1570	7.80	4.37	0.56	1620	7.70	4.31	0.56	1689	7.56	4.23	0.56	1799	7.38	4.13	0.56	1879	7.17	4.01	0.56	1947	6.58	3.68	0.56	2065	5.43	3.04	0.56	2141	4.48	2.51	0.56	2221
	29	26	8.36	3.68	0.44	1547	8.27	3.64	0.44	1560	8.18	3.60	0.44	1574	8.08	3.55	0.44	1586	8.00	3.52	0.44	1594	7.91	3.48	0.44	1644	7.80	3.43	0.44	1712	7.67	3.37	0.44	1822	7.49	3.29	0.44	1903	7.27	3.20	0.44	1971	6.67	2.94	0.44	2088	5.50	2.42	0.44	2165	4.54	2.00	0.44	2244
	30	18	7.94	7.15	0.90	1475	7.86	7.08	0.90	1488	7.78	7.00	0.90	1502	7.68	6.91	0.90	1514	7.60	6.84	0.90	1522	7.52	6.77	0.90	1573	7.42	6.67	0.90	1642	7.28	6.56	0.90	1753	7.11	6.40	0.90	1834	6.91	6.22	0.90	1903	6.34	5.71	0.90	2022	5.23	4.71	0.90	2099	4.32	3.88	0.90	2179
	30	20	8.10	6.81	0.84	1501	8.02	6.74	0.84	1514	7.94	6.67	0.84	1528	7.83	6.58	0.84	1540	7.76	6.52	0.84	1548	7.67	6.44	0.84	1598	7.57	6.36	0.84	1668	7.43	6.24	0.84	1779	7.26	6.10	0.84	1860	7.05	5.92	0.84	1929	6.47	5.43	0.84	2047	5.34	4.48	0.84	2125	4.40	3.70	0.84	2205
	30	22	8.27	5.95	0.72	1518	8.18	5.89	0.72	1532	8.10	5.83	0.72	1545	7.99	5.75	0.72	1558	7.91	5.70	0.72	1565	7.83	5.63	0.72	1616	7.72	5.56	0.72	1685	7.58	5.46	0.72	1796	7.40	5.33	0.72	1877	7.19	5.18	0.72	1946	6.60	4.75	0.72	2065	5.44	3.92	0.72	2142	4.49	3.23	0.72	2222
	30	24	8.32	4.99	0.60	1539	8.24	4.95	0.60	1552	8.15	4.89	0.60	1566	8.05	4.83	0.60	1578	7.97	4.78	0.60	1586	7.88	4.73	0.60	1636	7.77	4.66	0.60	1706	7.63	4.58	0.60	1817	7.46	4.47	0.60	1898	7.24	4.34	0.60	1967	6.65	3.99	0.60	2086	5.48	3.29	0.60	2163	4.52	2.71	0.60	2243
	30	26	8.44	4.05	0.48	1563	8.36	4.01	0.48	1576	8.27	3.97	0.48	1590	8.16	3.92	0.48	1602	8.08	3.88	0.48	1609	7.99	3.84	0.48	1660	7.88	3.78	0.48	1730	7.74	3.72	0.48	1841	7.56	3.63	0.48	1922	7.34	3.52	0.48	1991	6.74	3.23	0.48	2109	5.56	2.67	0.48	2186	4.59	2.20	0.48	2267
	31	18	8.02	7.22	0.90	1490	7.94	7.15	0.90	1503	7.86	7.07	0.90	1517	7.75	6.98	0.90	1529	7.68	6.91	0.90	1537	7.59	6.83	0.90	1588	7.49	6.74	0.90	1658	7.36	6.62	0.90	1771	7.18	6.47	0.90	1853	6.98	6.28	0.90	1922	6.40	5.76	0.90	2042	5.28	4.75	0.90	2120	4.36	3.92	0.90	2201
	31	20	8.19	7.20	0.88	1516	8.10	7.13	0.88	1529	8.02	7.05	0.88	1543	7.91	6.96	0.88	1555	7.83	6.89	0.88	1563	7.75	6.82	0.88	1614	7.64	6.73	0.88	1684	7.51	6.61	0.88	1797	7.33	6.45	0.88	1879	7.12	6.26	0.88	1948	6.53	5.75	0.88	2068	5.39	4.74	0.88	2146	4.45	3.91	0.88	2227
	31	22	8.35	6.35	0.76	1533	8.27	6.28	0.76	1547	8.18	6.21	0.76	1561	8.07	6.13	0.76	1573	7.99	6.07	0.76	1581	7.90	6.01	0.76	1632	7.80	5.92	0.76	1702	7.66	5.82	0.76	1814	7.48	5.68	0.76	1896	7.26	5.52	0.76	1966	6.66	5.07	0.76	2086	5.50	4.18	0.76	2164	4.54	3.45	0.76	2245
	31	24	8.41	5.38	0.64	1554	8.32	5.33	0.64	1568	8.23	5.27	0.64	1582	8.13	5.20	0.64	1594	8.05	5.15	0.64	1602	7.96	5.09	0.64	1653	7.85	5.02	0.64	1723	7.71	4.94	0.64	1835	7.53	4.82	0.64	1917	7.31	4.68	0.64	1987	6.71	4.30	0.64	2106	5.54	3.54	0.64	2184	4.57	2.92	0.64	2265
	31	26	8.53	4.43	0.52	1578	8.44	4.39	0.52	1592	8.35	4.34	0.52	1606	8.24	4.29	0.52	1618	8.16	4.24	0.52	1626	8.07	4.20	0.52	1677	7.96	4.14	0.52	1747	7.82	4.07	0.52	1859	7.64	3.97	0.52	1941	7.41	3.86	0.52	2011	6.81	3.54	0.52	2130	5.61	2.92	0.52	2208	4.63	2.41	0.52	2289
	32	18	8.10	7.29	0.90	1505	8.02	7.22	0.90	1518	7.93	7.14	0.90	1532	7.83	7.05	0.90	1545	7.75	6.98	0.90	1552	7.67	6.90	0.90	1604	7.56	6.81	0.90	1675	7.43	6.69	0.90	1788	7.26	6.53	0.90	1871	7.05	6.34	0.90	1941	6.47	5.82	0.90	2062	5.34	4.80	0.90	2141	4.40	3.96	0.90	2223
	32	20	8.27	7.44	0.90	1531	8.19	7.37	0.90	1545	8.10	7.29	0.90	1559	7.99	7.19	0.90	1571	7.91	7.12	0.90	1579	7.83	7.04	0.90	1630	7.72	6.95	0.90	1701	7.58	6.82	0.90	1815	7.40	6.66	0.90	1897	7.19	6.47	0.90	1968	6.60	5.94	0.90	2089	5.44	4.90	0.90	2167	4.49	4.04	0.90	2249
	32	22	8.43	6.75	0.80	1549	8.35	6.68	0.80	1562	8.26	6.61	0.80	1576	8.15	6.52	0.80	1589	8.07	6.46	0.80	1597	7.98	6.39	0.80	1648	7.87	6.30	0.80	1719	7.73	6.19	0.80	1832	7.55	6.04	0.80	1915	7.33	5.87	0.80	1985	6.73	5.39	0.80	2106	5.55	4.44	0.80	2185	4.58	3.67	0.80	2267
	32	24	8.49	5.77	0.68	1570	8.41	5.72	0.68	1584	8.32	5.65	0.68	1597	8.21	5.58	0.68	1610	8.13	5.53	0.68	1618	8.04	5.47	0.68	1669	7.93	5.39	0.68	1740	7.79	5.30	0.68	1853	7.61	5.17	0.68	1936	7.38	5.02	0.68	2006	6.78	4.61	0.68	2127	5.59	3.80	0.68	2206	4.61	3.14	0.68	2288
	32	26	8.61	4.82	0.56	1594	8.53	4.77	0.56	1608	8.43	4.72	0.56	1622	8.32	4.66	0.56	1634	8.24	4.62	0.56	1642	8.15	4.57	0.56	1693	8.04	4.50	0.56	1764	7.90	4.42	0.56	1878	7.71	4.32	0.56	1960	7.49	4.19	0.56	2031	6.87	3.85	0.56	2152	5.67	3.18	0.56	2230	4.68	2.62	0.56	2312

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

24K (Up to 4 IDUs)

HEATING PERFORMANCE DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
130%	15	5.78	1804	6.80	1860	7.56	1879	8.31	1917	9.03	2018	9.75	2119	10.24	2183	10.55	2226
	16	5.71	1819	6.72	1875	7.47	1894	8.21	1933	8.92	2034	9.64	2136	10.12	2200	10.42	2244
	17	5.65	1833	6.64	1890	7.38	1909	8.11	1948	8.82	2051	9.52	2153	10.00	2218	10.30	2262
	18	5.58	1848	6.56	1905	7.29	1925	8.01	1964	8.71	2067	9.41	2171	9.88	2236	10.18	2281
	19	5.51	1863	6.49	1921	7.21	1940	7.92	1980	8.61	2084	9.30	2188	9.76	2254	10.05	2299
	20	5.46	1878	6.42	1936	7.14	1956	7.84	1996	8.52	2101	9.21	2206	9.67	2272	9.96	2317
	21	5.39	1899	6.35	1958	7.05	1977	7.75	2018	8.42	2124	9.09	2230	9.55	2297	9.84	2343
	22	5.33	1920	6.27	1979	6.97	1999	7.65	2040	8.32	2147	8.99	2255	9.43	2322	9.72	2369
	23	5.26	1941	6.19	2001	6.88	2021	7.56	2062	8.22	2171	8.88	2279	9.32	2348	9.60	2395
	24	5.20	1962	6.12	2023	6.80	2043	7.47	2085	8.12	2195	8.77	2305	9.21	2374	9.49	2421
	25	5.14	1984	6.05	2045	6.72	2066	7.38	2108	8.02	2219	8.67	2330	9.10	2400	9.37	2448
	26	5.08	2006	5.97	2068	6.64	2089	7.29	2131	7.93	2243	8.56	2355	8.99	2426	9.26	2475
	27	5.02	2028	5.90	2090	6.56	2112	7.21	2155	7.83	2268	8.46	2381	8.88	2453	9.15	2502
	28	4.96	2050	5.83	2113	6.48	2135	7.12	2178	7.74	2293	8.36	2408	8.78	2480	9.04	2529
	29	4.90	2073	5.76	2137	6.40	2158	7.03	2202	7.65	2318	8.26	2434	8.67	2507	8.93	2557
	30	4.84	2095	5.69	2160	6.32	2182	6.95	2226	7.55	2344	8.16	2461	8.57	2535	8.82	2585
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
120%	15	5.61	1718	6.61	1771	7.34	1789	8.06	1826	8.77	1922	9.47	2018	9.94	2079	10.24	2120
	16	5.55	1732	6.53	1786	7.25	1804	7.97	1841	8.66	1938	9.36	2034	9.82	2095	10.12	2137
	17	5.48	1746	6.45	1800	7.17	1818	7.87	1855	8.56	1953	9.24	2051	9.71	2112	10.00	2155
	18	5.42	1760	6.37	1815	7.08	1833	7.78	1870	8.46	1969	9.13	2067	9.59	2129	9.88	2172
	19	5.35	1774	6.30	1829	7.00	1848	7.69	1886	8.36	1985	9.03	2084	9.48	2147	9.76	2189
	20	5.30	1789	6.24	1844	6.93	1863	7.61	1901	8.28	2001	8.94	2101	9.38	2164	9.67	2207
	21	5.24	1808	6.16	1864	6.84	1883	7.52	1922	8.18	2023	8.83	2124	9.27	2188	9.55	2231
	22	5.17	1828	6.09	1885	6.76	1904	7.43	1943	8.08	2045	8.72	2147	9.16	2212	9.43	2256
	23	5.11	1848	6.01	1906	6.68	1925	7.34	1964	7.98	2068	8.62	2171	9.05	2236	9.32	2281
	24	5.05	1869	5.94	1927	6.60	1946	7.25	1986	7.88	2090	8.52	2195	8.94	2261	9.21	2306
	25	4.99	1889	5.87	1948	6.52	1967	7.17	2008	7.79	2113	8.41	2219	8.83	2285	9.10	2331
	26	4.93	1910	5.80	1969	6.44	1989	7.08	2030	7.70	2136	8.31	2243	8.73	2311	8.99	2357
	27	4.87	1931	5.73	1991	6.37	2011	7.00	2052	7.60	2160	8.21	2268	8.62	2336	8.88	2383
	28	4.81	1952	5.66	2013	6.29	2033	6.91	2075	7.51	2184	8.11	2293	8.52	2362	8.78	2409
	29	4.75	1974	5.59	2035	6.21	2055	6.83	2097	7.42	2208	8.02	2318	8.42	2388	8.67	2435
	30	4.70	1996	5.53	2057	6.14	2078	6.75	2120	7.33	2232	7.92	2344	8.32	2414	8.57	2462
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
110%	15	5.45	1685	6.41	1737	7.13	1754	7.83	1790	8.51	1884	9.19	1979	9.65	2038	9.94	2079
	16	5.39	1698	6.34	1751	7.04	1768	7.74	1805	8.41	1900	9.08	1994	9.54	2054	9.82	2095
	17	5.32	1712	6.26	1765	6.96	1783	7.65	1819	8.31	1915	8.98	2011	9.42	2071	9.71	2112
	18	5.26	1726	6.19	1779	6.87	1797	7.55	1834	8.21	1930	8.87	2027	9.31	2088	9.59	2129
	19	5.20	1740	6.11	1793	6.79	1812	7.47	1849	8.11	1946	8.76	2043	9.20	2104	9.48	2147
	20	5.15	1754	6.05	1808	6.73	1826	7.39	1863	8.03	1962	8.68	2060	9.11	2121	9.38	2164
	21	5.08	1773	5.98	1828	6.65	1846	7.30	1884	7.94	1983	8.57	2082	9.00	2145	9.27	2188
	22	5.02	1792	5.91	1848	6.57	1867	7.21	1905	7.84	2005	8.47	2105	8.89	2168	9.16	2212
	23	4.96	1812	5.84	1868	6.49	1887	7.13	1926	7.75	2027	8.37	2128	8.79	2192	9.05	2236
	24	4.90	1832	5.77	1889	6.41	1908	7.04	1947	7.66	2049	8.27	2152	8.68	2216	8.94	2261
	25	4.84	1852	5.70	1910	6.33	1929	6.96	1968	7.56	2072	8.17	2175	8.58	2241	8.83	2285
	26	4.79	1873	5.63	1931	6.26	1950	6.87	1990	7.47	2095	8.07	2199	8.47	2265	8.73	2311
	27	4.73	1893	5.56	1952	6.18	1972	6.79	2012	7.38	2118	7.97	2224	8.37	2290	8.62	2336
	28	4.67	1914	5.50	1973	6.11	1993	6.71	2034	7.29	2141	7.88	2248	8.27	2315	8.52	2362
	29	4.62	1935	5.43	1995	6.03	2015	6.63	2056	7.21	2164	7.78	2273	8.17	2341	8.42	2388
	30	4.56	1956	5.37	2017	5.96	2037	6.55	2079	7.12	2188	7.69	2298	8.07	2367	8.32	2414

4. CAPACITIES AND SELECTION DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
100%	15	5.29	1636	6.23	1686	6.92	1703	7.60	1738	8.26	1829	8.92	1921	9.37	1979	9.65	2018
	16	5.23	1649	6.15	1700	6.84	1717	7.51	1752	8.17	1844	8.82	1936	9.26	1994	9.54	2034
	17	5.17	1662	6.08	1713	6.75	1731	7.42	1766	8.07	1859	8.71	1952	9.15	2011	9.42	2051
	18	5.11	1675	6.01	1727	6.67	1745	7.33	1780	7.97	1874	8.61	1968	9.04	2027	9.31	2067
	19	5.05	1689	5.94	1741	6.60	1759	7.25	1795	7.88	1889	8.51	1984	8.93	2043	9.20	2084
	20	5.00	1703	5.88	1755	6.53	1773	7.18	1809	7.80	1904	8.42	2000	8.85	2060	9.11	2101
	21	4.94	1721	5.81	1775	6.45	1793	7.09	1829	7.71	1925	8.32	2022	8.74	2082	9.00	2124
	22	4.88	1740	5.74	1794	6.37	1812	7.00	1849	7.61	1947	8.22	2044	8.63	2105	8.89	2147
	23	4.82	1759	5.67	1814	6.30	1832	6.92	1870	7.52	1968	8.12	2066	8.53	2128	8.79	2171
	24	4.76	1779	5.60	1834	6.22	1852	6.84	1890	7.43	1990	8.03	2089	8.43	2152	8.68	2195
	25	4.70	1798	5.53	1854	6.15	1873	6.76	1911	7.34	2011	7.93	2112	8.33	2175	8.58	2219
	26	4.65	1818	5.47	1874	6.07	1893	6.67	1932	7.25	2034	7.84	2135	8.23	2199	8.47	2243
	27	4.59	1838	5.40	1895	6.00	1914	6.59	1953	7.17	2056	7.74	2159	8.13	2224	8.37	2268
	28	4.54	1858	5.34	1916	5.93	1935	6.52	1975	7.08	2079	7.65	2183	8.03	2248	8.27	2293
	29	4.48	1879	5.27	1937	5.86	1956	6.44	1996	7.00	2101	7.56	2207	7.93	2273	8.17	2318
	30	4.43	1899	5.21	1958	5.79	1978	6.36	2018	6.91	2125	7.47	2231	7.84	2298	8.07	2344

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
90%	15	5.11	1606	6.01	1656	6.68	1673	7.34	1707	7.97	1797	8.61	1886	9.04	1943	9.31	1982
	16	5.05	1619	5.94	1669	6.60	1686	7.25	1720	7.88	1811	8.51	1902	8.94	1959	9.20	1998
	17	4.99	1632	5.87	1683	6.52	1700	7.16	1734	7.79	1826	8.41	1917	8.83	1974	9.09	2014
	18	4.93	1645	5.80	1696	6.44	1713	7.08	1748	7.69	1840	8.31	1932	8.72	1990	8.99	2030
	19	4.87	1659	5.73	1710	6.36	1727	6.99	1762	7.60	1855	8.21	1948	8.62	2006	8.88	2046
	20	4.82	1672	5.67	1724	6.30	1741	6.92	1777	7.53	1870	8.13	1964	8.54	2023	8.79	2063
	21	4.76	1690	5.60	1743	6.23	1760	6.84	1796	7.44	1891	8.03	1985	8.43	2045	8.69	2086
	22	4.71	1709	5.54	1762	6.15	1780	6.76	1816	7.35	1911	7.94	2007	8.33	2067	8.58	2109
	23	4.65	1728	5.47	1781	6.08	1799	6.68	1836	7.26	1933	7.84	2029	8.23	2090	8.48	2132
	24	4.59	1747	5.40	1801	6.00	1819	6.60	1856	7.17	1954	7.75	2051	8.13	2113	8.38	2155
	25	4.54	1766	5.34	1821	5.93	1839	6.52	1877	7.09	1975	7.65	2074	8.04	2136	8.28	2179
	26	4.48	1785	5.28	1841	5.86	1859	6.44	1897	7.00	1997	7.56	2097	7.94	2160	8.18	2203
	27	4.43	1805	5.21	1861	5.79	1880	6.36	1918	6.92	2019	7.47	2120	7.84	2184	8.08	2227
	28	4.38	1825	5.15	1881	5.72	1900	6.29	1939	6.83	2041	7.38	2143	7.75	2208	7.98	2252
	29	4.32	1845	5.09	1902	5.65	1921	6.21	1960	6.75	2064	7.29	2167	7.66	2232	7.89	2276
	30	4.27	1865	5.03	1923	5.58	1942	6.14	1982	6.67	2086	7.20	2191	7.56	2256	7.79	2301

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15	-10	-5	0	5	10	15	20	-15	-10	-5	0	5	10	15	20
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
80%	15	4.95	1590	5.83	1639	6.48	1656	7.12	1690	7.73	1779	8.35	1867	8.77	1923	9.03	1962
	16	4.89	1603	5.76	1652	6.40	1669	7.03	1703	7.64	1793	8.25	1883	8.67	1939	8.93	1978
	17	4.84	1616	5.69	1666	6.32	1683	6.95	1717	7.55	1807	8.16	1898	8.56	1955	8.82	1994
	18	4.78	1629	5.62	1679	6.25	1696	6.87	1731	7.46	1822	8.06	1913	8.46	1970	8.72	2010
	19	4.72	1642	5.56	1693	6.17	1710	6.78	1745	7.37	1837	7.96	1928	8.36	1986	8.61	2026
	20	4.68	1655	5.50	1706	6.11	1724	6.72	1759	7.30	1851	7.89	1944	8.28	2002	8.53	2042
	21	4.62	1673	5.44	1725	6.04	1743	6.64	1778	7.21	1872	7.79	1965	8.18	2024	8.43	2065
	22	4.56	1692	5.37	1744	5.97	1762	6.56	1798	7.13	1892	7.70	1987	8.08	2047	8.32	2088
	23	4.51	1710	5.31	1763	5.90	1781	6.48	1818	7.04	1913	7.60	2009	7.99	2069	8.22	2110
	24	4.46	1729	5.24	1783	5.82	1801	6.40	1838	6.96	1934	7.51	2031	7.89	2092	8.13	2134
	25	4.40	1748	5.18	1802	5.75	1821	6.32	1858	6.87	1956	7.42	2053	7.79	2115	8.03	2157
	26	4.35	1768	5.12	1822	5.69	1841	6.25	1878	6.79	1977	7.33	2076	7.70	2138	7.93	2181
	27	4.30	1787	5.06	1842	5.62	1861	6.17	1899	6.71	1999	7.25	2099	7.61	2162	7.84	2205
	28	4.25	1807	4.99	1863	5.55	1881	6.10	1920	6.63	2021	7.16	2122	7.52	2185	7.74	2229
	29	4.19	1827	4.93	1883	5.48	1902	6.03	1941	6.55	2043	7.07	2145	7.43	2209	7.65	2254
	30	4.14	1847	4.88	1904	5.42	1923	5.95	1962	6.47	2065	6.99	2169	7.34	2234	7.56	2278

Remarks:
Q: Total Cooling Capacity (Gross) **kW**
INPUT: Power Input (including the compressor, evap. fan motor & cond. **W**
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

27K

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA – OUTDOOR DB (°C) -15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
130%	21	18	8.21	4.93	0.60	1629	8.13	4.88	0.60	1644	8.04	4.82	0.60	1659	7.94	4.76	0.60	1672	7.86	4.71	0.60	1681	7.77	4.66	0.60	1736	7.66	4.60	0.60	1813	7.53	4.52	0.60	1935	7.35	4.41	0.60	2025	7.14	4.28	0.60	2101	6.55	3.93	0.60	2232	5.41	3.24	0.60	2317	4.46	2.68	0.60	2405
	21	20	8.55	4.10	0.48	1652	8.46	4.06	0.48	1667	8.37	4.02	0.48	1682	8.26	3.97	0.48	1696	8.18	3.93	0.48	1704	8.09	3.88	0.48	1760	7.98	3.83	0.48	1836	7.84	3.76	0.48	1959	7.66	3.67	0.48	2049	7.43	3.57	0.48	2124	6.82	3.28	0.48	2255	5.63	2.70	0.48	2340	4.64	2.23	0.48	2429
	22	18	8.46	5.42	0.64	1645	8.38	5.36	0.64	1660	8.29	5.30	0.64	1675	8.18	5.24	0.64	1689	8.10	5.18	0.64	1697	8.01	5.13	0.64	1754	7.90	5.06	0.64	1831	7.76	4.97	0.64	1955	7.58	4.85	0.64	2045	7.36	4.71	0.64	2122	6.76	4.32	0.64	2254	5.57	3.57	0.64	2340	4.60	2.94	0.64	2430
	22	20	8.72	4.54	0.52	1669	8.64	4.49	0.52	1684	8.54	4.44	0.52	1699	8.43	4.38	0.52	1713	8.35	4.34	0.52	1721	8.26	4.29	0.52	1778	8.14	4.23	0.52	1855	8.00	4.16	0.52	1979	7.81	4.06	0.52	2069	7.58	3.94	0.52	2146	6.96	3.62	0.52	2278	5.74	2.99	0.52	2364	4.74	2.46	0.52	2453
	22	22	8.87	3.55	0.40	1685	8.78	3.51	0.40	1700	8.69	3.47	0.40	1715	8.58	3.43	0.40	1729	8.49	3.40	0.40	1737	8.40	3.36	0.40	1794	8.28	3.31	0.40	1871	8.14	3.25	0.40	1995	7.95	3.18	0.40	2085	7.71	3.09	0.40	2162	7.08	2.83	0.40	2294	5.84	2.34	0.40	2380	4.82	1.93	0.40	2470
	23	18	8.64	5.87	0.68	1662	8.55	5.81	0.68	1677	8.46	5.75	0.68	1692	8.35	5.68	0.68	1706	8.27	5.62	0.68	1715	8.18	5.56	0.68	1772	8.06	5.48	0.68	1850	7.92	5.39	0.68	1975	7.73	5.26	0.68	2066	7.51	5.11	0.68	2144	6.89	4.69	0.68	2277	5.69	3.87	0.68	2364	4.69	3.19	0.68	2454
	23	20	8.90	4.98	0.56	1686	8.81	4.93	0.56	1701	8.72	4.88	0.56	1716	8.60	4.82	0.56	1730	8.52	4.77	0.56	1739	8.43	4.72	0.56	1796	8.31	4.65	0.56	1874	8.16	4.57	0.56	1999	7.97	4.46	0.56	2090	7.74	4.33	0.56	2168	7.10	3.98	0.56	2301	5.86	3.28	0.56	2388	4.84	2.71	0.56	2478
	23	22	9.05	3.98	0.44	1702	8.96	3.94	0.44	1717	8.86	3.90	0.44	1733	8.75	3.85	0.44	1746	8.66	3.81	0.44	1755	8.57	3.77	0.44	1812	8.45	3.72	0.44	1890	8.30	3.65	0.44	2015	8.11	3.57	0.44	2106	7.87	3.46	0.44	2184	7.23	3.18	0.44	2317	5.96	2.62	0.44	2404	4.92	2.16	0.44	2495
	24	18	8.81	6.34	0.72	1679	8.72	6.28	0.72	1694	8.63	6.21	0.72	1709	8.52	6.13	0.72	1723	8.43	6.07	0.72	1732	8.34	6.01	0.72	1790	8.23	5.92	0.72	1868	8.08	5.82	0.72	1995	7.89	5.68	0.72	2087	7.66	5.52	0.72	2165	7.03	5.06	0.72	2300	5.80	4.18	0.72	2388	4.79	3.45	0.72	2479
	24	20	9.08	5.45	0.60	1703	8.99	5.40	0.60	1718	8.89	5.34	0.60	1734	8.78	5.27	0.60	1748	8.69	5.22	0.60	1756	8.60	5.16	0.60	1814	8.48	5.09	0.60	1893	8.33	5.00	0.60	2019	8.13	4.88	0.60	2111	7.90	4.74	0.60	2190	7.25	4.35	0.60	2324	5.98	3.59	0.60	2412	4.93	2.96	0.60	2503
	24	22	9.24	4.43	0.48	1719	9.14	4.39	0.48	1735	9.05	4.34	0.48	1750	8.93	4.29	0.48	1764	8.84	4.24	0.48	1773	8.74	4.20	0.48	1830	8.62	4.14	0.48	1909	8.47	4.07	0.48	2035	8.27	3.97	0.48	2128	8.03	3.86	0.48	2206	7.37	3.54	0.48	2341	6.08	2.92	0.48	2429	5.02	2.41	0.48	2520
	24	24	9.37	3.37	0.36	1739	9.27	3.34	0.36	1754	9.17	3.30	0.36	1770	9.05	3.26	0.36	1783	8.96	3.23	0.36	1792	8.87	3.19	0.36	1850	8.74	3.15	0.36	1929	8.59	3.09	0.36	2055	8.39	3.02	0.36	2147	8.14	2.93	0.36	2225	7.48	2.69	0.36	2360	6.17	2.22	0.36	2448	5.09	1.83	0.36	2539
	25	18	9.08	6.90	0.76	1696	8.99	6.84	0.76	1711	8.90	6.76	0.76	1727	8.78	6.67	0.76	1741	8.70	6.61	0.76	1749	8.60	6.54	0.76	1808	8.48	6.45	0.76	1887	8.33	6.33	0.76	2015	8.14	6.18	0.76	2108	7.90	6.00	0.76	2187	7.25	5.51	0.76	2323	5.98	4.55	0.76	2412	4.94	3.75	0.76	2504
	25	20	9.36	5.99	0.64	1720	9.27	5.93	0.64	1736	9.17	5.87	0.64	1751	9.05	5.79	0.64	1765	8.96	5.74	0.64	1774	8.86	5.67	0.64	1832	8.74	5.59	0.64	1912	8.59	5.50	0.64	2039	8.39	5.37	0.64	2133	8.14	5.21	0.64	2212	7.47	4.78	0.64	2348	6.17	3.95	0.64	2436	5.09	3.26	0.64	2529
	25	22	9.52	4.95	0.52	1737	9.43	4.90	0.52	1752	9.32	4.85	0.52	1768	9.21	4.79	0.52	1782	9.11	4.74	0.52	1791	9.01	4.69	0.52	1849	8.89	4.62	0.52	1928	8.73	4.54	0.52	2056	8.53	4.43	0.52	2149	8.28	4.31	0.52	2228	7.60	3.95	0.52	2364	6.27	3.26	0.52	2453	5.17	2.69	0.52	2545
	25	24	9.65	3.86	0.40	1756	9.56	3.82	0.40	1772	9.46	3.78	0.40	1787	9.33	3.73	0.40	1801	9.24	3.70	0.40	1810	9.14	3.66	0.40	1868	9.01	3.61	0.40	1948	8.86	3.54	0.40	2076	8.65	3.46	0.40	2169	8.40	3.36	0.40	2248	7.71	3.08	0.40	2384	6.36	2.54	0.40	2473	5.25	2.10	0.40	2565
	26	18	9.37	7.49	0.80	1713	9.27	7.42	0.80	1728	9.17	7.34	0.80	1744	9.05	7.24	0.80	1758	8.96	7.17	0.80	1767	8.87	7.09	0.80	1826	8.74	7.00	0.80	1906	8.59	6.87	0.80	2035	8.39	6.71	0.80	2129	8.14	6.52	0.80	2209	7.48	5.98	0.80	2347	6.17	4.93	0.80	2436	5.09	4.07	0.80	2529
	26	20	9.65	6.56	0.68	1737	9.56	6.50	0.68	1753	9.45	6.43	0.68	1769	9.33	6.35	0.68	1783	9.24	6.28	0.68	1792	9.14	6.21	0.68	1851	9.01	6.13	0.68	1931	8.85	6.02	0.68	2060	8.65	5.88	0.68	2154	8.39	5.71	0.68	2234	7.71	5.24	0.68	2372	6.36	4.32	0.68	2461	5.24	3.57	0.68	2554
	26	22	9.82	5.50	0.56	1754	9.72	5.44	0.56	1770	9.61	5.38	0.56	1786	9.49	5.31	0.56	1800	9.40	5.26	0.56	1809	9.29	5.20	0.56	1867	9.17	5.13	0.56	1948	9.00	5.04	0.56	2077	8.79	4.92	0.56	2171	8.54	4.78	0.56	2251	7.84	4.39	0.56	2388	6.46	3.62	0.56	2478	5.33	2.99	0.56	2571
	26	24	9.95	4.38	0.44	1774	9.86	4.34	0.44	1790	9.75	4.29	0.44	1805	9.62	4.23	0.44	1820	9.53	4.19	0.44	1829	9.42	4.15	0.44	1887	9.29	4.09	0.44	1968	9.13	4.02	0.44	2097	8.92	3.92	0.44	2191	8.66	3.81	0.44	2271	7.95	3.50	0.44	2408	6.56	2.88	0.44	2498	5.41	2.38	0.44	2591
	26	26	10.11	3.24	0.32	1797	10.01	3.20	0.32	1812	9.90	3.17	0.32	1828	9.78	3.13	0.32	1842	9.68	3.10	0.32	1851	9.57	3.06	0.32	1910	9.44	3.02	0.32	1991	9.28	2.97	0.32	2119	9.06	2.90	0.32	2213	8.79	2.81	0.32	2293	8.07	2.58	0.32	2431	6.66	2.13	0.32	2520	5.49	1.76	0.32	2613
	27	18	9.56	8.03	0.84	1730	9.46	7.95	0.84	1746	9.36	7.86	0.84	1762	9.24	7.76	0.84	1776	9.15	7.68	0.84	1785	9.05	7.60	0.84	1844	8.92	7.50	0.84	1926	8.77	7.36	0.84	2056	8.56	7.19	0.84	2151	8.31	6.98	0.84	2232	7.63	6.41	0.84	2370	6.29	5.29	0.84	2461	5.19	4.36	0.84	2555
	27	19	9.75	7.61	0.78	1740	9.65	7.53	0.78	1756	9.55	7.45	0.78	1772	9.43	7.35	0.78	1786	9.33	7.28	0.78	1795	9.23	7.20	0.78	1854	9.11	7.10	0.78	1936	8.94	6.98	0.78	2066	8.73	6.81	0.78	2161	8.48	6.61	0.78	2242	7.78	6.07	0.78	2380	6.42	5.01	0.78	2471	5.30	4.13	0.78	2565
	27	20	9.85	7.09	0.72	1755	9.75	7.02	0.72	1771	9.65	6.94	0.72	1787	9.52	6.86	0.72	1801	9.43	6.79	0.72	1810	9.32	6.71	0.72	1869	9.20	6.62	0.72	1951	9.03	6.50	0.72	2081	8.82	6.35	0.72	2176	8.56	6.17	0.72	2257	7.86	5.66	0.72	2395	6.49	4.67	0.72	2486	5.35	3.85	0.72	2580
	27	22	10.02	6.01	0.60	1772	9.92	5.95	0.60	1788	9.81	5.89	0.60	1804	9.68	5.81	0.60	1818	9.59	5.75	0.60	1827	9.48	5.69	0.60	1886	9.35	5.61	0.60	1968	9.19	5.51	0.60	2098	8.97	5.38	0.60	2193	8.71	5.23	0.60	2274	8.00	4.80	0.60	2412	6.60	3.96	0.60	2503	5.44	3.27	0.60	2597
	27	24	10.16	4.88	0.48	1792	10.06	4.83	0.48	1808	9.95	4.77	0.48	1824	9.82	4.71	0.48	1838	9.72	4.67	0.48	1847	9.62	4.62	0.48	1906	9.48	4.55	0.48	1988	9.32	4.47	0.48	2118	9.10	4.37	0.48	2213	8.83	4.24	0.48	2294	8.11	3.89	0.48	2432	6.69	3.21	0.48	2523	5.52	2.65	0.48	2617
	27	26	10.32	3.71	0.36	1815	10.22	3.68	0.36	1831	10.11	3.64	0.36	1847	9.98	3.59	0.36	1861	9.88	3.56	0.36	1870	9.77	3.52	0.36	1929	9.64	3.47	0.36	2011	9.46	3.41	0.36	2141	9.24	3.33	0.36	2236	8.97	3.23	0.36	2317	8.24	2.97	0.36	2455	6.80	2.45	0.36	2546	5.61	2.02	0.36	2640
	28	18	9.65	8.49	0.88	1747	9.56	8.41	0.88	1763	9.45	8.32	0.88	1779	9.33	8.21	0.88	1794	9.24	8.13	0.88	1803	9.14	8.04	0.88	1863	9.01	7.93	0.88	1945	8.85	7.79	0.88	2076	8.65	7.61	0.88	2172	8.39	7.39	0.88	2254	7.71	6.78	0.88	2394	6.36	5.59	0.88	2486	5.24	4.62	0.88	2580
	28	20	9.85	7.49	0.76	1773	9.75	7.41	0.76	1788	9.65	7.33	0.76	1805	9.52	7.24	0.76	1819	9.43	7.16	0.76	1828	9.32	7.09	0.76	1888	9.20	6.99	0.76	1970	9.03	6.87	0.76	2102	8.82	6.70	0.76	2198	8.56	6.51	0.76	2279	7.86	5.98	0.76	2419	6.49	4.93	0.76	2511	5.35	4.07	0.76	2606
	28	22	9.95	6.37	0.64	1790	9.85	6.30	0.64	1806	9.74	6.23	0.64	1822	9.62	6.15	0.64	1836	9.52	6.09	0.64	1845	9.42	6.03	0.64	1905	9.29	5.94	0.64	1987	9.12	5.84	0.64	2119	8.91	5.70	0.64	2215	8.65	5.54	0.64	2296	7.94	5.08	0.64	2437	6.55	4.19	0.64	2528	5.40	3.46	0.64	2623
	28	24	10.12	5.26	0.52	1810	10.02	5.21	0.52	1826	9.91	5.15	0.52	1842	9.78	5.09	0.52	1856	9.68	5.04	0.52	1865	9.58	4.98	0.52	1925	9.45	4.91	0.52	2007	9.28	4.83	0.52	2139	9.06	4.71	0.52	2235	8.80	4.57	0.52	2316	8.08	4.20	0.52	2457	6.66	3.46	0.52	2548	5.50	2.86	0.52	2643
	28	26	10.26	4.10	0.40	1833	10.16	4.06	0.40	1849	10.05	4.02	0.40	1865	9.92	3.97	0.40	1880	9.82	3.93	0.40	1889	9.71	3.88	0.40	1949	9.58	3.83	0.40	2031	9.41	3.76	0.40	2162	9.19	3.68	0.40	2258	8.92	3.57	0.40	2340	8.19	3.28	0.40	2480	6.76	2.70	0.40	2571	5.57	2.23	0.40	2666
	29	18	9.75	8.77	0.90	1765	9.65	8.69	0.90	1781	9.55	8.59	0.90	1797	9.42	8.48	0.90	1812	9.33	8.40	0.90	1821	9.23	8.31	0.90	1881	9.10	8.19	0.90	1964	8.94	8.05	0.90	2097	8.73	7.86	0.90	2194	8.48	7.63	0.90	2276	7.78	7.00	0.90	2418	6.42	5.78	0.90	2510	5.30	4.77	0.90	2606
	29	20	9.95	7.96	0.80	1790	9.85	7.88	0.80	1806	9.74	7.79	0.80	1823	9.62	7.69	0.80	1837	9.52	7.62	0.80	1846	9.42	7.53	0.80	1907	9.29	7.43	0.80	1990	9.12	7.30	0.80	2123	8.91	7.13	0.80	2220	8.65	6.92	0.80	2302	7.94	6.35	0.80	2444	6.55	5.24	0.80	2536	5.40	4.32	0.80	2632
	29	22	10.15	6.90	0.68	1808	10.05	6.83	0.68	1824	9.94	6.76	0.68	1840	9.81	6.67	0.68	1855	9.71	6.60	0.68	1864	9.61	6.53	0.68	1924	9.47	6.44	0.68	2007	9.31	6.33	0.68	2140	9.09	6.18	0.68	2237	8.82	6.00	0.68	2319	8.10	5.51	0.68	2461	6.68	4.54	0.68	2553	5.51	3.75	0.68	2649
	29	24	10.22	5.72	0.56	1828	10.12	5.67	0.56	1844	10.01	5.60	0.56	1860	9.88	5.53	0.56	1875	9.78	5.48	0.56	1884	9.67	5.42	0.56	1945	9.54	5.34	0.56	2028	9.37	5.25	0.56	2160	9.15	5.13	0.56	2257	8.89	4.98	0.56	2340	8.16	4.57	0.56	2481	6.73	3.77	0.56	2574	5.55	3.11	0.56	2669
	29	26	10.36	4.56	0.44	1851	10.26	4.51	0.44	1868	10.15	4.46	0.44	1884	10.02	4.41	0.44	1898	9.92	4.36	0.44	1908	9.81	4.32	0.44	1968	9.67	4.26	0.44	2051	9.50	4.18	0.44	2184	9.28	4.08	0.44	2281	9.01	3.96	0.44	2363	8.27	3.64	0.44	2505	6.82	3.00	0.44	2597	5.63	2.48	0.44	2693
	30	18	9.85	8.86	0.90	1782	9.75	8.77	0.90	1799	9.64	8.68	0.90	1815	9.52	8.57	0.90	1830	9.42	8.48	0.90	1839	9.32	8.39	0.90	1900	9.19	8.27	0.90	1984	9.03	8.13	0.90	2118	8.82	7.94	0.90	2216	8.56	7.71	0.90	2299	7.86	7.07	0.90	2442	6.48	5.84	0.90	2536	5.35	4.81	0.90	2632
	30	20	10.05	8.44	0.84	1808	9.95	8.36	0.84	1824	9.84	8.27	0.84	1841	9.71	8.16	0.84	1856	9.62	8.08	0.84	1865	9.51	7.99	0.84	1926	9.38	7.88	0.84	2010	9.22	7.74	0.84	2144	9.00	7.56	0.84	2242	8.74	7.34	0.84	2325	8.02	6.74	0.84	2468	6.62	5.56	0.84	2561	5.46	4.59	0.84	2658
	30	22	10.25	7.38	0.72	1826	10.15	7.31	0.72	1842	10.04	7.23	0.72	1858	9.91	7.13	0.72	1873	9.81	7.06	0.72	1882	9.70	6.99	0.72	1943	9.57	6.89	0.72	2027	9.40	6.77	0.72	2161	9.18	6.61	0.72	2259	8.91	6.42	0.72	2342	8.18	5.89	0.72	2486	6.75	4.86	0.72	2579	5.57	4.01	0.72	2676
	30	24	10.32	6.19	0.60	1846	10.22	6.13	0.60	1863	10.11	6.06	0.60	1879	9.98	5.99	0.60	1894	9.88	5.93	0.60	1903	9.77	5.86	0.60	1964	9.64	5.78	0.60	2048	9.47	5.68	0.60	2182	9.24	5.55	0.60	2280	8.97	5.38	0.60	2363	8.24	4.94	0.60	2506	6.80	4.08	0.60	2599	5.61	3.36	0.60	2696
	30	26	10.46	5.02	0.48	1870	10.36	4.97	0.48	1886	10.25	4.92	0.48	1903	10.12	4.86	0.48	1917	10.02	4.81	0.48	1927	9.91	4.76	0.48	1988	9.77	4.69	0.48	2072	9.60	4.61	0.48	2206	9.37	4.50	0.48	2304	9.10	4.37	0.48	2387	8.35	4.01	0.48	2530	6.89	3.31	0.48	2623	5.69	2.73	0.48	2720
	31	18	9.94	8.95	0.90	1800	9.85	8.86	0.90	1817	9.74	8.77	0.90	1833	9.61	8.65	0.90	1848	9.52	8.57	0.90	1857	9.42	8.47	0.90	1919	9.29	8.36	0.90	2004	9.12	8.21	0.90	2139	8.91	8.02	0.90	2238	8.65	7.78	0.90	2322	7.94	7.14	0.90	2467	6.55	5.89	0.90	2561	5.40	4.86	0.90	2659
	31	20	10.15	8.93	0.88	1826	10.05	8.84	0.88	1843	9.94	8.75	0.88	1859	9.81	8.63	0.88	1874	9.71	8.55	0.88	1883	9.61	8.45	0.88	1945	9.47	8.34	0.88	2030	9.31	8.19	0.88	2165	9.09	8.00	0.88	2264	8.82	7.77	0.88	2348	8.10	7.13	0.88	2493	6.68	5.88	0.88	2587	5.51	4.85	0.88	2685
	31	22	10.35	7.87	0.76	1844	10.25	7.79	0.76	1860	10.14	7.70	0.76	1877	10.01	7.60	0.76	1892	9.91	7.53	0.76	1901	9.80	7.45	0.76	1963	9.66	7.34	0.76	2048	9.49	7.21	0.76	2183	9.27	7.05	0.76	2282	9.00	6.84	0.76	2366	8.26	6.28	0.76	2510	6.82	5.18	0.76	2605	5.62	4.27	0.76	2702
	31	24	10.42	6.67	0.64	1865	10.32	6.60	0.64	1881	10.21	6.53	0.64	1898	10.08	6.45	0.64	1913	9.98	6.39	0.64	1922	9.87	6.32	0.64	1984	9.73	6.23	0.64	2068	9.56	6.12	0.64	2204	9.34	5.98	0.64	2303	9.06	5.80	0.64	2387	8.32	5.33	0.64	2531	6.86	4.39	0.64	2625	5.66	3.62	0.64	2723
	31	26	10.57	5.50	0.52	1889	10.46	5.44	0.52	1905	10.35	5.38	0.52	1922	10.22	5.31	0.52	1937	10.12	5.26	0.52	1946	10.01	5.20	0.52	2008	9.87	5.13	0.52	2092	9.69	5.04	0.52	2228	9.47	4.92	0.52	2327	9.19	4.78	0.52	2411	8.44	4.39	0.52	2555	6.96	3.62	0.52	2649	5.74	2.99	0.52	2747
	32	18	10.04	9.04	0.90	1818	9.94	8.95	0.90	1835	9.84	8.85	0.90	1852	9.71	8.74	0.90	1867	9.61	8.65	0.90	1876	9.51	8.56	0.90	1938	9.38	8.44	0.90	2024	9.21	8.29	0.90	2161	9.00	8.10	0.90	2261	8.73	7.86	0.90	2345	8.02	7.22	0.90	2491	6.61	5.95	0.90	2586	5.46	4.91	0.90	2685
	32	20	10.25	9.22	0.90	1844	10.15	9.13	0.90	1861	10.04	9.03	0.90	1878	9.91	8.92	0.90	1893	9.81	8.83	0.90	1902	9.70	8.73	0.90	1965	9.57	8.61	0.90	2050	9.40	8.46	0.90	2187	9.18	8.26	0.90	2287	8.91	8.02	0.90	2372	8.18	7.36	0.90	2518	6.75	6.07	0.90	2613	5.57	5.01	0.90	2711
	32	22	10.45	8.36	0.80	1862	10.35	8.28	0.80	1879	10.24	8.19	0.80	1896	10.11	8.09	0.80	1911	10.01	8.01	0.80	1920	9.90	7.92	0.80	1983	9.76	7.81	0.80	2068	9.59	7.67	0.80	2205	9.36	7.49	0.80	2305	9.09	7.27	0.80	2389	8.35	6.68	0.80	2536	6.88	5.51	0.80	2631	5.68	4.54	0.80	2729
	32	24	10.53	7.16	0.68	1883	10.42	7.09	0.68	1900	10.31	7.01	0.68	1917	10.18	6.92	0.68	1932	10.08	6.85	0.68	1941	9.97	6.78	0.68	2004	9.83	6.68	0.68	2089	9.66	6.57	0.68	2226	9.43	6.41	0.68	2326	9.15	6.23	0.68	2411	8.40	5.71	0.68	2557	6.93	4.71	0.68	2652	5.72	3.89	0.68	2750
	32	26	10.67	5.98	0.56	1908	10.57	5.92	0.56	1924	10.45	5.85	0.56	1941	10.32	5.78	0.56	1956	10.22	5.72	0.56	1965	10.11	5.66	0.56	2028	9.97	5.58	0.56	2113	9.79	5.48	0.56	2250	9.56	5.35	0.56	2350	9.28	5.20	0.56	2435	8.52	4.77	0.56	2581	7.03	3.94	0.56	2676	5.80	3.25	0.56	2775

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
120%	21	18	8.13	4.88	0.60	1613	8.05	4.83	0.60	1628	7.96	4.78	0.60	1643	7.86	4.72	0.60	1656	7.78	4.67	0.60	1664	7.70	4.62	0.60	1720	7.59	4.56	0.60	1795	7.46	4.47	0.60	1917	7.28	4.37	0.60	2005	7.07	4.24	0.60	2081	6.49	3.89	0.60	2210	5.36	3.21	0.60	2295	4.42	2.65	0.60	2382
	21	20	8.47	4.06	0.48	1637	8.38	4.02	0.48	1651	8.29	3.98	0.48	1666	8.19	3.93	0.48	1680	8.10	3.89	0.48	1688	8.02	3.85	0.48	1743	7.91	3.79	0.48	1819	7.77	3.73	0.48	1940	7.58	3.64	0.48	2029	7.36	3.53	0.48	2104	6.76	3.24	0.48	2234	5.58	2.68	0.48	2318	4.60	2.21	0.48	2406
	22	18	8.38	5.37	0.64	1629	8.30	5.31	0.64	1644	8.21	5.25	0.64	1659	8.10	5.19	0.64	1673	8.02	5.14	0.64	1681	7.94	5.08	0.64	1737	7.83	5.01	0.64	1814	7.69	4.92	0.64	1936	7.51	4.81	0.64	2026	7.29	4.67	0.64	2102	6.69	4.28	0.64	2233	5.52	3.53	0.64	2318	4.55	2.92	0.64	2406
	22	20	8.64	4.49	0.52	1653	8.55	4.45	0.52	1668	8.46	4.40	0.52	1683	8.35	4.34	0.52	1696	8.27	4.30	0.52	1705	8.18	4.25	0.52	1761	8.07	4.19	0.52	1837	7.92	4.12	0.52	1960	7.74	4.02	0.52	2050	7.51	3.91	0.52	2126	6.90	3.59	0.52	2256	5.69	2.96	0.52	2342	4.69	2.44	0.52	2430
	22	22	8.79	3.51	0.40	1669	8.70	3.48	0.40	1684	8.60	3.44	0.40	1699	8.49	3.40	0.40	1713	8.41	3.36	0.40	1721	8.32	3.33	0.40	1777	8.20	3.28	0.40	1854	8.06	3.22	0.40	1976	7.87	3.15	0.40	2066	7.64	3.06	0.40	2142	7.01	2.81	0.40	2273	5.79	2.31	0.40	2358	4.77	1.91	0.40	2446
	23	18	8.55	5.82	0.68	1646	8.47	5.76	0.68	1661	8.38	5.70	0.68	1676	8.27	5.62	0.68	1690	8.19	5.57	0.68	1698	8.10	5.51	0.68	1755	7.99	5.43	0.68	1832	7.85	5.34	0.68	1956	7.66	5.21	0.68	2046	7.44	5.06	0.68	2123	6.83	4.64	0.68	2255	5.63	3.83	0.68	2341	4.65	3.16	0.68	2431
	23	20	8.82	4.94	0.56	1670	8.73	4.89	0.56	1685	8.63	4.83	0.56	1700	8.52	4.77	0.56	1714	8.44	4.73	0.56	1722	8.35	4.67	0.56	1779	8.23	4.61	0.56	1856	8.09	4.53	0.56	1980	7.90	4.42	0.56	2070	7.67	4.29	0.56	2147	7.04	3.94	0.56	2279	5.81	3.25	0.56	2365	4.79	2.68	0.56	2455
	23	22	8.97	3.95	0.44	1686	8.88	3.91	0.44	1701	8.78	3.86	0.44	1716	8.67	3.81	0.44	1730	8.58	3.78	0.44	1738	8.49	3.74	0.44	1795	8.37	3.68	0.44	1872	8.22	3.62	0.44	1996	8.03	3.53	0.44	2087	7.80	3.43	0.44	2163	7.16	3.15	0.44	2296	5.90	2.60	0.44	2382	4.87	2.14	0.44	2471
	24	18	8.73	6.28	0.72	1662	8.64	6.22	0.72	1678	8.55	6.15	0.72	1693	8.44	6.08	0.72	1707	8.36	6.02	0.72	1715	8.26	5.95	0.72	1772	8.15	5.87	0.72	1850	8.01	5.76	0.72	1976	7.82	5.63	0.72	2067	7.59	5.47	0.72	2144	6.97	5.02	0.72	2278	5.75	4.14	0.72	2365	4.74	3.41	0.72	2455
	24	20	9.00	5.40	0.60	1687	8.91	5.34	0.60	1702	8.81	5.29	0.60	1717	8.70	5.22	0.60	1731	8.61	5.17	0.60	1740	8.52	5.11	0.60	1797	8.40	5.04	0.60	1875	8.25	4.95	0.60	2000	8.06	4.83	0.60	2091	7.82	4.69	0.60	2169	7.18	4.31	0.60	2302	5.92	3.55	0.60	2389	4.89	2.93	0.60	2479
	24	22	9.15	4.39	0.48	1703	9.06	4.35	0.48	1718	8.96	4.30	0.48	1734	8.84	4.25	0.48	1747	8.76	4.20	0.48	1756	8.66	4.16	0.48	1813	8.54	4.10	0.48	1891	8.39	4.03	0.48	2016	8.19	3.93	0.48	2108	7.96	3.82	0.48	2185	7.30	3.51	0.48	2319	6.03	2.89	0.48	2406	4.97	2.39	0.48	2496
	24	24	9.28	3.34	0.36	1723	9.19	3.31	0.36	1738	9.09	3.27	0.36	1753	8.97	3.23	0.36	1767	8.88	3.20	0.36	1775	8.78	3.16	0.36	1832	8.66	3.12	0.36	1911	8.51	3.06	0.36	2036	8.31	2.99	0.36	2127	8.07	2.90	0.36	2205	7.41	2.67	0.36	2338	6.11	2.20	0.36	2425	5.04	1.81	0.36	2515
	25	18	9.00	6.84	0.76	1679	8.91	6.77	0.76	1695	8.81	6.70	0.76	1710	8.70	6.61	0.76	1724	8.61	6.55	0.76	1733	8.52	6.47	0.76	1790	8.40	6.39	0.76	1869	8.25	6.27	0.76	1995	8.06	6.13	0.76	2088	7.83	5.95	0.76	2166	7.18	5.46	0.76	2301	5.93	4.50	0.76	2389	4.89	3.72	0.76	2480
	25	20	9.27	5.94	0.64	1704	9.18	5.88	0.64	1719	9.08	5.81	0.64	1735	8.97	5.74	0.64	1748	8.88	5.68	0.64	1757	8.78	5.62	0.64	1815	8.66	5.54	0.64	1894	8.51	5.44	0.64	2020	8.31	5.32	0.64	2112	8.06	5.16	0.64	2191	7.40	4.74	0.64	2326	6.11	3.91	0.64	2413	5.04	3.22	0.64	2504
	25	22	9.43	4.90	0.52	1720	9.34	4.86	0.52	1736	9.24	4.80	0.52	1751	9.12	4.74	0.52	1765	9.03	4.69	0.52	1774	8.93	4.64	0.52	1831	8.81	4.58	0.52	1910	8.65	4.50	0.52	2037	8.45	4.39	0.52	2129	8.20	4.27	0.52	2207	7.53	3.92	0.52	2342	6.21	3.23	0.52	2430	5.12	2.66	0.52	2521
	25	24	9.56	3.83	0.40	1740	9.47	3.79	0.40	1755	9.37	3.75	0.40	1771	9.25	3.70	0.40	1785	9.15	3.66	0.40	1793	9.05	3.62	0.40	1851	8.93	3.57	0.40	1930	8.77	3.51	0.40	2056	8.57	3.43	0.40	2149	8.32	3.33	0.40	2227	7.63	3.05	0.40	2362	6.30	2.52	0.40	2450	5.20	2.08	0.40	2541
	26	18	9.28	7.42	0.80	1696	9.19	7.35	0.80	1712	9.09	7.27	0.80	1727	8.97	7.17	0.80	1741	8.88	7.10	0.80	1750	8.78	7.03	0.80	1808	8.66	6.93	0.80	1888	8.51	6.81	0.80	2016	8.31	6.65	0.80	2109	8.07	6.45	0.80	2188	7.41	5.92	0.80	2324	6.11	4.89	0.80	2413	5.04	4.03	0.80	2505
	26	20	9.56	6.50	0.68	1721	9.47	6.44	0.68	1736	9.36	6.37	0.68	1752	9.24	6.29	0.68	1766	9.15	6.22	0.68	1775	9.05	6.16	0.68	1833	8.93	6.07	0.68	1913	8.77	5.96	0.68	2040	8.56	5.82	0.68	2134	8.31	5.65	0.68	2213	7.63	5.19	0.68	2349	6.30	4.28	0.68	2438	5.19	3.53	0.68	2530
	26	22	9.72	5.45	0.56	1738	9.63	5.39	0.56	1753	9.52	5.33	0.56	1769	9.40	5.26	0.56	1783	9.31	5.21	0.56	1792	9.21	5.16	0.56	1850	9.08	5.08	0.56	1930	8.92	4.99	0.56	2057	8.71	4.88	0.56	2150	8.46	4.74	0.56	2230	7.76	4.35	0.56	2366	6.40	3.59	0.56	2455	5.28	2.96	0.56	2547
	26	24	9.86	4.34	0.44	1758	9.76	4.30	0.44	1773	9.66	4.25	0.44	1789	9.53	4.19	0.44	1803	9.44	4.15	0.44	1812	9.33	4.11	0.44	1870	9.21	4.05	0.44	1949	9.04	3.98	0.44	2077	8.83	3.89	0.44	2170	8.57	3.77	0.44	2249	7.87	3.46	0.44	2386	6.49	2.86	0.44	2474	5.36	2.36	0.44	2566
	26	26	10.02	3.21	0.32	1780	9.92	3.17	0.32	1796	9.81	3.14	0.32	1811	9.68	3.10	0.32	1825	9.59	3.07	0.32	1834	9.48	3.03	0.32	1892	9.35	2.99	0.32	1972	9.19	2.94	0.32	2100	8.97	2.87	0.32	2193	8.71	2.79	0.32	2272	8.00	2.56	0.32	2408	6.60	2.11	0.32	2497	5.44	1.74	0.32	2589
	27	18	9.47	7.95	0.84	1713	9.37	7.87	0.84	1729	9.27	7.79	0.84	1745	9.15	7.69	0.84	1759	9.06	7.61	0.84	1768	8.96	7.53	0.84	1827	8.84	7.42	0.84	1907	8.68	7.29	0.84	2036	8.48	7.12	0.84	2130	8.23	6.91	0.84	2210	7.56	6.35	0.84	2348	6.23	5.24	0.84	2437	5.14	4.32	0.84	2530
	27	19	9.66	7.53	0.78	1723	9.56	7.46	0.78	1739	9.46	7.38	0.78	1755	9.34	7.28	0.78	1769	9.25	7.21	0.78	1778	9.15	7.13	0.78	1837	9.02	7.03	0.78	1917	8.86	6.91	0.78	2046	8.65	6.75	0.78	2140	8.40	6.55	0.78	2220	7.71	6.01	0.78	2358	6.36	4.96	0.78	2447	5.25	4.09	0.78	2540
	27	20	9.76	7.02	0.72	1738	9.66	6.95	0.72	1754	9.55	6.88	0.72	1770	9.43	6.79	0.72	1784	9.34	6.72	0.72	1793	9.24	6.65	0.72	1852	9.11	6.56	0.72	1932	8.95	6.44	0.72	2061	8.74	6.29	0.72	2155	8.48	6.11	0.72	2235	7.79	5.61	0.72	2373	6.43	4.63	0.72	2462	5.30	3.82	0.72	2555
	27	22	9.92	5.95	0.60	1755	9.82	5.89	0.60	1771	9.72	5.83	0.60	1787	9.59	5.76	0.60	1801	9.50	5.70	0.60	1810	9.39	5.64	0.60	1869	9.26	5.56	0.60	1949	9.10	5.46	0.60	2078	8.89	5.33	0.60	2172	8.63	5.18	0.60	2252	7.92	4.75	0.60	2390	6.53	3.92	0.60	2479	5.39	3.23	0.60	2572
	27	24	10.06	4.83	0.48	1775	9.96	4.78	0.48	1791	9.85	4.73	0.48	1807	9.73	4.67	0.48	1821	9.63	4.62	0.48	1830	9.53	4.57	0.48	1889	9.39	4.51	0.48	1969	9.23	4.43	0.48	2098	9.01	4.33	0.48	2192	8.75	4.20	0.48	2272	8.03	3.86	0.48	2410	6.63	3.18	0.48	2499	5.47	2.62	0.48	2592
	27	26	10.22	3.68	0.36	1798	10.12	3.64	0.36	1814	10.01	3.60	0.36	1830	9.88	3.56	0.36	1844	9.78	3.52	0.36	1853	9.68	3.48	0.36	1912	9.54	3.44	0.36	1992	9.38	3.38	0.36	2121	9.16	3.30	0.36	2215	8.89	3.20	0.36	2295	8.16	2.94	0.36	2433	6.73	2.42	0.36	2522	5.55	2.00	0.36	2615
	28	18	9.56	8.41	0.88	1730	9.47	8.33	0.88	1746	9.36	8.24	0.88	1762	9.24	8.13	0.88	1777	9.15	8.05	0.88	1785	9.05	7.97	0.88	1845	8.93	7.86	0.88	1926	8.77	7.72	0.88	2056	8.56	7.54	0.88	2151	8.31	7.32	0.88	2232	7.63	6.72	0.88	2371	6.30	5.54	0.88	2462	5.19	4.57	0.88	2556
	28	20	9.76	7.41	0.76	1756	9.66	7.34	0.76	1772	9.55	7.26	0.76	1787	9.43	7.17	0.76	1802	9.34	7.10	0.76	1811	9.24	7.02	0.76	1870	9.11	6.92	0.76	1951	8.95	6.80	0.76	2082	8.74	6.64	0.76	2177	8.48	6.45	0.76	2257	7.79	5.92	0.76	2396	6.43	4.88	0.76	2487	5.30	4.03	0.76	2581
	28	22	9.85	6.31	0.64	1773	9.76	6.24	0.64	1789	9.65	6.18	0.64	1805	9.53	6.10	0.64	1819	9.43	6.04	0.64	1828	9.33	5.97	0.64	1887	9.20	5.89	0.64	1969	9.04	5.78	0.64	2099	8.83	5.65	0.64	2194	8.57	5.48	0.64	2275	7.87	5.03	0.64	2414	6.49	4.15	0.64	2504	5.35	3.43	0.64	2598
	28	24	10.02	5.21	0.52	1793	9.92	5.16	0.52	1809	9.81	5.10	0.52	1825	9.69	5.04	0.52	1839	9.59	4.99	0.52	1848	9.49	4.93	0.52	1907	9.36	4.87	0.52	1989	9.19	4.78	0.52	2119	8.98	4.67	0.52	2214	8.71	4.53	0.52	2295	8.00	4.16	0.52	2434	6.60	3.43	0.52	2524	5.44	2.83	0.52	2618
	28	26	10.16	4.06	0.40	1816	10.06	4.02	0.40	1832	9.95	3.98	0.40	1848	9.82	3.93	0.40	1862	9.73	3.89	0.40	1871	9.62	3.85	0.40	1931	9.49	3.80	0.40	2012	9.32	3.73	0.40	2142	9.10	3.64	0.40	2237	8.84	3.53	0.40	2318	8.11	3.24	0.40	2457	6.69	2.68	0.40	2548	5.52	2.21	0.40	2641
	29	18	9.66	8.69	0.90	1748	9.56	8.60	0.90	1764	9.46	8.51	0.90	1780	9.34	8.40	0.90	1794	9.24	8.32	0.90	1803	9.14	8.23	0.90	1863	9.02	8.11	0.90	1945	8.86	7.97	0.90	2077	8.65	7.78	0.90	2173	8.40	7.56	0.90	2254	7.71	6.94	0.90	2395	6.36	5.72	0.90	2486	5.25	4.72	0.90	2581
	29	20	9.85	7.88	0.80	1773	9.76	7.80	0.80	1789	9.65	7.72	0.80	1805	9.53	7.62	0.80	1820	9.43	7.55	0.80	1829	9.33	7.46	0.80	1889	9.20	7.36	0.80	1971	9.04	7.23	0.80	2102	8.83	7.06	0.80	2198	8.57	6.86	0.80	2280	7.87	6.29	0.80	2420	6.49	5.19	0.80	2512	5.35	4.28	0.80	2607
	29	22	10.05	6.83	0.68	1791	9.95	6.77	0.68	1807	9.84	6.69	0.68	1823	9.72	6.61	0.68	1837	9.62	6.54	0.68	1846	9.52	6.47	0.68	1906	9.38	6.38	0.68	1988	9.22	6.27	0.68	2120	9.00	6.12	0.68	2216	8.74	5.94	0.68	2297	8.02	5.46	0.68	2438	6.62	4.50	0.68	2529	5.46	3.71	0.68	2624
	29	24	10.12	5.67	0.56	1811	10.02	5.61	0.56	1827	9.91	5.55	0.56	1843	9.78	5.48	0.56	1858	9.69	5.43	0.56	1867	9.58	5.37	0.56	1927	9.45	5.29	0.56	2009	9.28	5.20	0.56	2140	9.07	5.08	0.56	2236	8.80	4.93	0.56	2318	8.08	4.52	0.56	2458	6.67	3.73	0.56	2550	5.50	3.08	0.56	2644
	29	26	10.26	4.52	0.44	1834	10.16	4.47	0.44	1850	10.05	4.42	0.44	1867	9.92	4.37	0.44	1881	9.82	4.32	0.44	1890	9.72	4.28	0.44	1950	9.58	4.22	0.44	2032	9.41	4.14	0.44	2164	9.19	4.04	0.44	2260	8.92	3.93	0.44	2341	8.19	3.60	0.44	2482	6.76	2.97	0.44	2573	5.58	2.45	0.44	2668
	30	18	9.75	8.78	0.90	1765	9.66	8.69	0.90	1781	9.55	8.60	0.90	1798	9.43	8.49	0.90	1812	9.34	8.40	0.90	1821	9.23	8.31	0.90	1882	9.11	8.20	0.90	1965	8.95	8.05	0.90	2098	8.74	7.86	0.90	2195	8.48	7.63	0.90	2277	7.79	7.01	0.90	2419	6.42	5.78	0.90	2511	5.30	4.77	0.90	2607
	30	20	9.95	8.36	0.84	1791	9.85	8.28	0.84	1807	9.75	8.19	0.84	1823	9.62	8.08	0.84	1838	9.53	8.00	0.84	1847	9.42	7.91	0.84	1908	9.29	7.81	0.84	1991	9.13	7.67	0.84	2123	8.91	7.49	0.84	2220	8.65	7.27	0.84	2303	7.94	6.67	0.84	2445	6.55	5.51	0.84	2537	5.41	4.54	0.84	2633
	30	22	10.15	7.31	0.72	1809	10.05	7.24	0.72	1825	9.94	7.16	0.72	1841	9.81	7.07	0.72	1855	9.72	7.00	0.72	1865	9.61	6.92	0.72	1925	9.48	6.82	0.72	2008	9.31	6.70	0.72	2141	9.09	6.55	0.72	2238	8.83	6.36	0.72	2320	8.10	5.83	0.72	2462	6.69	4.81	0.72	2554	5.52	3.97	0.72	2650
	30	24	10.22	6.13	0.60	1829	10.12	6.07	0.60	1845	10.01	6.01	0.60	1862	9.88	5.93	0.60	1876	9.78	5.87	0.60	1885	9.68	5.81	0.60	1946	9.54	5.73	0.60	2029	9.38	5.63	0.60	2162	9.16	5.49	0.60	2259	8.89	5.33	0.60	2341	8.16	4.90	0.60	2483	6.73	4.04	0.60	2575	5.55	3.33	0.60	2671
	30	26	10.37	4.98	0.48	1853	10.26	4.93	0.48	1869	10.15	4.87	0.48	1885	10.02	4.81	0.48	1900	9.92	4.76	0.48	1909	9.81	4.71	0.48	1969	9.68	4.65	0.48	2052	9.51	4.56	0.48	2185	9.28	4.46	0.48	2282	9.01	4.33	0.48	2365	8.27	3.97	0.48	2506	6.83	3.28	0.48	2599	5.63	2.70	0.48	2695
	31	18	9.85	8.87	0.90	1783	9.75	8.78	0.90	1799	9.65	8.68	0.90	1816	9.52	8.57	0.90	1830	9.43	8.49	0.90	1840	9.33	8.39	0.90	1901	9.20	8.28	0.90	1985	9.03	8.13	0.90	2119	8.82	7.94	0.90	2217	8.57	7.71	0.90	2300	7.86	7.08	0.90	2443	6.49	5.84	0.90	2536	5.35	4.82	0.90	2633
	31	20	10.05	8.85	0.88	1809	9.95	8.76	0.88	1825	9.84	8.66	0.88	1842	9.72	8.55	0.88	1856	9.62	8.47	0.88	1866	9.52	8.37	0.88	1927	9.39	8.26	0.88	2011	9.22	8.11	0.88	2145	9.00	7.92	0.88	2243	8.74	7.69	0.88	2326	8.02	7.06	0.88	2469	6.62	5.83	0.88	2562	5.46	4.81	0.88	2659
	31	22	10.25	7.79	0.76	1827	10.15	7.71	0.76	1843	10.04	7.63	0.76	1859	9.91	7.53	0.76	1874	9.81	7.46	0.76	1883	9.71	7.38	0.76	1944	9.57	7.28	0.76	2028	9.40	7.15	0.76	2162	9.18	6.98	0.76	2260	8.92	6.78	0.76	2344	8.18	6.22	0.76	2487	6.75	5.13	0.76	2580	5.57	4.23	0.76	2677
	31	24	10.32	6.61	0.64	1847	10.22	6.54	0.64	1864	10.11	6.47	0.64	1880	9.98	6.39	0.64	1895	9.88	6.33	0.64	1904	9.78	6.26	0.64	1965	9.64	6.17	0.64	2049	9.47	6.06	0.64	2183	9.25	5.92	0.64	2281	8.98	5.75	0.64	2364	8.24	5.28	0.64	2508	6.80	4.35	0.64	2601	5.61	3.59	0.64	2698
	31	26	10.47	5.44	0.52	1871	10.37	5.39	0.52	1888	10.25	5.33	0.52	1904	10.12	5.26	0.52	1919	10.02	5.21	0.52	1928	9.91	5.15	0.52	1989	9.78	5.08	0.52	2073	9.60	4.99	0.52	2207	9.38	4.88	0.52	2305	9.10	4.73	0.52	2388	8.36	4.35	0.52	2531	6.90	3.59	0.52	2625	5.69	2.96	0.52	2722
	32	18	9.95	8.95	0.90	1801	9.85	8.87	0.90	1817	9.74	8.77	0.90	1834	9.62	8.66	0.90	1849	9.52	8.57	0.90	1858	9.42	8.48	0.90	1920	9.29	8.36	0.90	2004	9.13	8.21	0.90	2140	8.91	8.02	0.90	2239	8.65	7.79	0.90	2323	7.94	7.15	0.90	2467	6.55	5.90	0.90	2562	5.41	4.87	0.90	2659
	32	20	10.15	9.14	0.90	1827	10.05	9.05	0.90	1843	9.94	8.95	0.90	1860	9.81	8.83	0.90	1875	9.72	8.75	0.90	1884	9.61	8.65	0.90	1946	9.48	8.53	0.90	2031	9.31	8.38	0.90	2166	9.09	8.18	0.90	2265	8.83	7.95	0.90	2349	8.10	7.29	0.90	2494	6.69	6.02	0.90	2588	5.52	4.96	0.90	2686
	32	22	10.36	8.28	0.80	1845	10.25	8.20	0.80	1861	10.14	8.11	0.80	1878	10.01	8.01	0.80	1893	9.91	7.93	0.80	1902	9.80	7.84	0.80	1964	9.67	7.74	0.80	2049	9.50	7.60	0.80	2184	9.28	7.42	0.80	2283	9.01	7.20	0.80	2367	8.27	6.61	0.80	2512	6.82	5.46	0.80	2606	5.63	4.50	0.80	2704
	32	24	10.43	7.09	0.68	1866	10.32	7.02	0.68	1882	10.21	6.94	0.68	1899	10.08	6.86	0.68	1914	9.98	6.79	0.68	1923	9.87	6.71	0.68	1985	9.74	6.62	0.68	2070	9.56	6.50	0.68	2205	9.34	6.35	0.68	2304	9.07	6.17	0.68	2388	8.32	5.66	0.68	2533	6.87	4.67	0.68	2627	5.67	3.85	0.68	2725
	32	26	10.57	5.92	0.56	1890	10.47	5.86	0.56	1906	10.36	5.80	0.56	1923	10.22	5.72	0.56	1938	10.12	5.67	0.56	1947	10.01	5.61	0.56	2009	9.87	5.53	0.56	2094	9.70	5.43	0.56	2229	9.47	5.30	0.56	2328	9.20	5.15	0.56	2412	8.44	4.73	0.56	2557	6.96	3.90	0.56	2651	5.75	3.22	0.56	2749

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

COMBINATION (%)	IDDB (°C)	ID WB (°C)	Cooling Operation PERFORMANCE DATA																																																	
			OUTDOOR DB (°C)																																																	
			-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
110%	21	18	7.98	4.79	0.60	1597	7.90	4.74	0.60	1612	7.81	4.69	0.60	1627	7.71	4.63	0.60	1640	7.64	4.58	0.60	1648	7.55	4.53	0.60	1703	7.45	4.47	0.60	1778	7.32	4.39	0.60	1898	7.14	4.29	0.60	1986	6.94	4.16	0.60	2061	6.37	3.82	0.60	2189	5.25	3.15	0.60	2272	4.33	2.60	0.60	2359
	21	20	8.31	3.99	0.48	1621	8.22	3.95	0.48	1636	8.13	3.90	0.48	1650	8.03	3.85	0.48	1663	7.95	3.82	0.48	1672	7.86	3.77	0.48	1727	7.75	3.72	0.48	1802	7.62	3.66	0.48	1922	7.44	3.57	0.48	2010	7.22	3.47	0.48	2084	6.63	3.18	0.48	2212	5.47	2.63	0.48	2296	4.51	2.17	0.48	2383
	22	18	8.22	5.26	0.64	1614	8.14	5.21	0.64	1628	8.05	5.15	0.64	1643	7.95	5.09	0.64	1656	7.87	5.04	0.64	1665	7.79	4.98	0.64	1720	7.68	4.91	0.64	1796	7.54	4.83	0.64	1917	7.37	4.71	0.64	2006	7.15	4.58	0.64	2081	6.56	4.20	0.64	2211	5.42	3.47	0.64	2295	4.47	2.86	0.64	2383
	22	20	8.48	4.41	0.52	1637	8.39	4.36	0.52	1652	8.30	4.32	0.52	1667	8.19	4.26	0.52	1680	8.11	4.22	0.52	1689	8.02	4.17	0.52	1744	7.91	4.11	0.52	1820	7.77	4.04	0.52	1941	7.59	3.95	0.52	2030	7.37	3.83	0.52	2105	6.77	3.52	0.52	2235	5.58	2.90	0.52	2319	4.60	2.39	0.52	2407
	22	22	8.62	3.45	0.40	1653	8.53	3.41	0.40	1668	8.44	3.38	0.40	1683	8.33	3.33	0.40	1696	8.25	3.30	0.40	1705	8.16	3.26	0.40	1760	8.05	3.22	0.40	1836	7.91	3.16	0.40	1957	7.72	3.09	0.40	2046	7.50	3.00	0.40	2121	6.88	2.75	0.40	2251	5.68	2.27	0.40	2335	4.68	1.87	0.40	2423
	23	18	8.39	5.71	0.68	1630	8.31	5.65	0.68	1645	8.22	5.59	0.68	1660	8.11	5.52	0.68	1673	8.03	5.46	0.68	1682	7.94	5.40	0.68	1738	7.83	5.33	0.68	1814	7.70	5.23	0.68	1937	7.52	5.11	0.68	2026	7.30	4.96	0.68	2102	6.70	4.56	0.68	2233	5.53	3.76	0.68	2319	4.56	3.10	0.68	2407
	23	20	8.65	4.84	0.56	1654	8.56	4.79	0.56	1669	8.47	4.74	0.56	1684	8.36	4.68	0.56	1697	8.28	4.64	0.56	1706	8.19	4.59	0.56	1762	8.07	4.52	0.56	1838	7.93	4.44	0.56	1961	7.75	4.34	0.56	2050	7.52	4.21	0.56	2126	6.90	3.87	0.56	2257	5.70	3.19	0.56	2343	4.70	2.63	0.56	2431
	23	22	8.80	3.87	0.44	1670	8.71	3.83	0.44	1685	8.61	3.79	0.44	1700	8.50	3.74	0.44	1714	8.42	3.70	0.44	1722	8.33	3.66	0.44	1778	8.21	3.61	0.44	1854	8.07	3.55	0.44	1977	7.88	3.47	0.44	2067	7.65	3.37	0.44	2143	7.02	3.09	0.44	2274	5.79	2.55	0.44	2359	4.78	2.10	0.44	2447
	24	18	8.56	6.16	0.72	1646	8.48	6.10	0.72	1661	8.39	6.04	0.72	1676	8.28	5.96	0.72	1690	8.20	5.90	0.72	1699	8.11	5.84	0.72	1755	7.99	5.76	0.72	1832	7.85	5.65	0.72	1956	7.67	5.52	0.72	2047	7.45	5.36	0.72	2124	6.84	4.92	0.72	2256	5.64	4.06	0.72	2342	4.65	3.35	0.72	2431
	24	20	8.82	5.29	0.60	1671	8.74	5.24	0.60	1686	8.64	5.19	0.60	1701	8.53	5.12	0.60	1714	8.45	5.07	0.60	1723	8.35	5.01	0.60	1779	8.24	4.94	0.60	1857	8.09	4.86	0.60	1981	7.90	4.74	0.60	2071	7.67	4.60	0.60	2148	7.04	4.23	0.60	2280	5.81	3.49	0.60	2366	4.79	2.88	0.60	2456
	24	22	8.97	4.31	0.48	1687	8.89	4.27	0.48	1702	8.79	4.22	0.48	1717	8.68	4.16	0.48	1731	8.59	4.12	0.48	1739	8.50	4.08	0.48	1796	8.38	4.02	0.48	1873	8.23	3.95	0.48	1997	8.04	3.86	0.48	2088	7.80	3.75	0.48	2164	7.16	3.44	0.48	2297	5.91	2.84	0.48	2383	4.88	2.34	0.48	2472
	24	24	9.10	3.28	0.36	1706	9.01	3.24	0.36	1721	8.91	3.21	0.36	1737	8.80	3.17	0.36	1750	8.71	3.14	0.36	1759	8.62	3.10	0.36	1815	8.50	3.06	0.36	1893	8.35	3.00	0.36	2016	8.15	2.93	0.36	2107	7.91	2.85	0.36	2184	7.26	2.62	0.36	2316	5.99	2.16	0.36	2402	4.94	1.78	0.36	2492
	25	18	8.83	6.71	0.76	1663	8.74	6.64	0.76	1678	8.64	6.57	0.76	1693	8.53	6.49	0.76	1707	8.45	6.42	0.76	1716	8.36	6.35	0.76	1773	8.24	6.26	0.76	1851	8.10	6.15	0.76	1976	7.91	6.01	0.76	2067	7.68	5.83	0.76	2145	7.05	5.36	0.76	2279	5.81	4.42	0.76	2366	4.80	3.65	0.76	2456
	25	20	9.10	5.82	0.64	1687	9.01	5.76	0.64	1703	8.91	5.70	0.64	1718	8.80	5.63	0.64	1732	8.71	5.57	0.64	1740	8.61	5.51	0.64	1797	8.49	5.44	0.64	1875	8.34	5.34	0.64	2001	8.15	5.22	0.64	2092	7.91	5.06	0.64	2170	7.26	4.65	0.64	2303	5.99	3.83	0.64	2390	4.94	3.16	0.64	2480
	25	22	9.25	4.81	0.52	1704	9.16	4.76	0.52	1719	9.06	4.71	0.52	1735	8.94	4.65	0.52	1748	8.86	4.61	0.52	1757	8.76	4.56	0.52	1814	8.64	4.49	0.52	1892	8.49	4.41	0.52	2017	8.29	4.31	0.52	2109	8.05	4.18	0.52	2186	7.39	3.84	0.52	2320	6.09	3.17	0.52	2407	5.03	2.61	0.52	2497
	25	24	9.38	3.75	0.40	1724	9.29	3.72	0.40	1739	9.19	3.68	0.40	1754	9.07	3.63	0.40	1768	8.98	3.59	0.40	1777	8.88	3.55	0.40	1834	8.76	3.50	0.40	1912	8.60	3.44	0.40	2037	8.40	3.36	0.40	2128	8.16	3.26	0.40	2206	7.49	3.00	0.40	2339	6.18	2.47	0.40	2426	5.10	2.04	0.40	2517
	26	18	9.10	7.28	0.80	1680	9.01	7.21	0.80	1695	8.91	7.13	0.80	1711	8.80	7.04	0.80	1724	8.71	6.97	0.80	1733	8.62	6.89	0.80	1791	8.50	6.80	0.80	1870	8.35	6.68	0.80	1996	8.15	6.52	0.80	2088	7.91	6.33	0.80	2167	7.26	5.81	0.80	2302	5.99	4.79	0.80	2390	4.94	3.96	0.80	2481
	26	20	9.38	6.38	0.68	1704	9.29	6.31	0.68	1720	9.19	6.25	0.68	1735	9.07	6.17	0.68	1749	8.98	6.10	0.68	1758	8.88	6.04	0.68	1815	8.76	5.95	0.68	1894	8.60	5.85	0.68	2021	8.40	5.71	0.68	2113	8.16	5.55	0.68	2191	7.49	5.09	0.68	2326	6.18	4.20	0.68	2414	5.10	3.47	0.68	2505
	26	22	9.54	5.34	0.56	1721	9.44	5.29	0.56	1737	9.34	5.23	0.56	1752	9.22	5.16	0.56	1766	9.13	5.11	0.56	1775	9.03	5.06	0.56	1832	8.91	4.99	0.56	1911	8.75	4.90	0.56	2038	8.54	4.78	0.56	2130	8.29	4.64	0.56	2208	7.61	4.26	0.56	2343	6.28	3.52	0.56	2431	5.18	2.90	0.56	2522
	26	24	9.67	4.26	0.44	1741	9.58	4.21	0.44	1756	9.47	4.17	0.44	1772	9.35	4.11	0.44	1786	9.26	4.07	0.44	1794	9.16	4.03	0.44	1852	9.03	3.97	0.44	1931	8.87	3.90	0.44	2057	8.66	3.81	0.44	2150	8.41	3.70	0.44	2228	7.72	3.40	0.44	2363	6.37	2.80	0.44	2451	5.26	2.31	0.44	2542
	26	26	9.83	3.14	0.32	1764	9.73	3.11	0.32	1779	9.62	3.08	0.32	1795	9.50	3.04	0.32	1809	9.41	3.01	0.32	1817	9.30	2.98	0.32	1875	9.18	2.94	0.32	1954	9.01	2.88	0.32	2080	8.80	2.82	0.32	2173	8.55	2.73	0.32	2251	7.84	2.51	0.32	2386	6.47	2.07	0.32	2474	5.34	1.71	0.32	2565
	27	18	9.29	7.80	0.84	1697	9.19	7.72	0.84	1712	9.09	7.64	0.84	1728	8.98	7.54	0.84	1742	8.89	7.47	0.84	1751	8.79	7.39	0.84	1809	8.67	7.28	0.84	1889	8.52	7.15	0.84	2016	8.32	6.99	0.84	2109	8.08	6.78	0.84	2189	7.41	6.23	0.84	2325	6.12	5.14	0.84	2414	5.05	4.24	0.84	2506
	27	19	9.48	7.39	0.78	1707	9.38	7.32	0.78	1722	9.28	7.24	0.78	1738	9.16	7.15	0.78	1752	9.07	7.07	0.78	1761	8.97	7.00	0.78	1819	8.85	6.90	0.78	1899	8.69	6.78	0.78	2026	8.49	6.62	0.78	2119	8.24	6.43	0.78	2199	7.56	5.90	0.78	2335	6.24	4.87	0.78	2424	5.15	4.02	0.78	2516
	27	20	9.57	6.89	0.72	1722	9.48	6.82	0.72	1737	9.37	6.75	0.72	1753	9.25	6.66	0.72	1767	9.16	6.60	0.72	1776	9.06	6.52	0.72	1834	8.94	6.43	0.72	1914	8.78	6.32	0.72	2041	8.57	6.17	0.72	2134	8.32	5.99	0.72	2214	7.64	5.50	0.72	2350	6.30	4.54	0.72	2439	5.20	3.74	0.72	2531
	27	22	9.73	5.84	0.60	1739	9.64	5.78	0.60	1754	9.53	5.72	0.60	1770	9.41	5.65	0.60	1784	9.32	5.59	0.60	1793	9.21	5.53	0.60	1851	9.09	5.45	0.60	1931	8.93	5.36	0.60	2058	8.72	5.23	0.60	2151	8.46	5.08	0.60	2231	7.77	4.66	0.60	2367	6.41	3.85	0.60	2456	5.29	3.17	0.60	2548
	27	24	9.87	4.74	0.48	1759	9.77	4.69	0.48	1774	9.67	4.64	0.48	1790	9.54	4.58	0.48	1804	9.45	4.53	0.48	1813	9.34	4.49	0.48	1871	9.21	4.42	0.48	1951	9.05	4.34	0.48	2078	8.84	4.24	0.48	2171	8.58	4.12	0.48	2251	7.88	3.78	0.48	2387	6.50	3.12	0.48	2476	5.36	2.57	0.48	2568
	27	26	10.03	3.61	0.36	1782	9.93	3.57	0.36	1797	9.82	3.54	0.36	1813	9.69	3.49	0.36	1827	9.60	3.46	0.36	1836	9.49	3.42	0.36	1894	9.36	3.37	0.36	1974	9.20	3.31	0.36	2101	8.98	3.23	0.36	2194	8.72	3.14	0.36	2274	8.00	2.88	0.36	2410	6.60	2.38	0.36	2499	5.45	1.96	0.36	2591
	28	18	9.38	8.25	0.88	1714	9.29	8.17	0.88	1729	9.19	8.08	0.88	1745	9.07	7.98	0.88	1759	8.98	7.90	0.88	1768	8.88	7.81	0.88	1827	8.76	7.71	0.88	1907	8.60	7.57	0.88	2036	8.40	7.39	0.88	2131	8.16	7.18	0.88	2211	7.49	6.59	0.88	2348	6.18	5.44	0.88	2438	5.10	4.48	0.88	2531
	28	20	9.57	7.27	0.76	1739	9.48	7.20	0.76	1755	9.37	7.12	0.76	1770	9.25	7.03	0.76	1784	9.16	6.96	0.76	1793	9.06	6.89	0.76	1852	8.94	6.79	0.76	1933	8.78	6.67	0.76	2062	8.57	6.51	0.76	2156	8.32	6.33	0.76	2236	7.64	5.81	0.76	2373	6.30	4.79	0.76	2463	5.20	3.95	0.76	2556
	28	22	9.67	6.19	0.64	1756	9.57	6.12	0.64	1772	9.47	6.06	0.64	1788	9.34	5.98	0.64	1802	9.25	5.92	0.64	1811	9.15	5.86	0.64	1869	9.03	5.78	0.64	1950	8.87	5.67	0.64	2079	8.66	5.54	0.64	2173	8.41	5.38	0.64	2253	7.72	4.94	0.64	2391	6.37	4.07	0.64	2480	5.25	3.36	0.64	2573
	28	24	9.83	5.11	0.52	1776	9.73	5.06	0.52	1792	9.63	5.01	0.52	1808	9.50	4.94	0.52	1822	9.41	4.89	0.52	1831	9.31	4.84	0.52	1890	9.18	4.77	0.52	1970	9.02	4.69	0.52	2099	8.80	4.58	0.52	2193	8.55	4.45	0.52	2273	7.85	4.08	0.52	2411	6.47	3.37	0.52	2500	5.34	2.78	0.52	2593
	28	26	9.97	3.99	0.40	1799	9.87	3.95	0.40	1815	9.76	3.90	0.40	1831	9.64	3.85	0.40	1845	9.54	3.82	0.40	1854	9.44	3.77	0.40	1913	9.31	3.72	0.40	1993	9.14	3.66	0.40	2122	8.93	3.57	0.40	2216	8.67	3.47	0.40	2296	7.96	3.18	0.40	2434	6.56	2.63	0.40	2524	5.42	2.17	0.40	2617
	29	18	9.47	8.53	0.90	1731	9.38	8.44	0.90	1747	9.28	8.35	0.90	1763	9.16	8.24	0.90	1777	9.07	8.16	0.90	1786	8.97	8.07	0.90	1845	8.84	7.96	0.90	1927	8.69	7.82	0.90	2057	8.48	7.64	0.90	2152	8.24	7.41	0.90	2233	7.56	6.81	0.90	2372	6.24	5.61	0.90	2462	5.15	4.63	0.90	2556
	29	20	9.67	7.73	0.80	1756	9.57	7.66	0.80	1772	9.47	7.57	0.80	1788	9.34	7.48	0.80	1802	9.25	7.40	0.80	1811	9.15	7.32	0.80	1871	9.03	7.22	0.80	1952	8.87	7.09	0.80	2082	8.66	6.93	0.80	2177	8.41	6.72	0.80	2258	7.72	6.17	0.80	2397	6.37	5.09	0.80	2488	5.25	4.20	0.80	2582
	29	22	9.86	6.70	0.68	1774	9.76	6.64	0.68	1789	9.66	6.57	0.68	1805	9.53	6.48	0.68	1820	9.44	6.42	0.68	1829	9.33	6.35	0.68	1888	9.21	6.26	0.68	1969	9.04	6.15	0.68	2100	8.83	6.01	0.68	2195	8.57	5.83	0.68	2275	7.87	5.35	0.68	2415	6.49	4.42	0.68	2505	5.36	3.64	0.68	2599
	29	24	9.93	5.56	0.56	1794	9.83	5.50	0.56	1810	9.72	5.45	0.56	1826	9.60	5.38	0.56	1840	9.50	5.32	0.56	1849	9.40	5.26	0.56	1908	9.27	5.19	0.56	1990	9.11	5.10	0.56	2120	8.89	4.98	0.56	2215	8.63	4.84	0.56	2296	7.93	4.44	0.56	2435	6.54	3.66	0.56	2525	5.39	3.02	0.56	2619
	29	26	10.07	4.43	0.44	1817	9.97	4.39	0.44	1833	9.86	4.34	0.44	1849	9.73	4.28	0.44	1864	9.64	4.24	0.44	1873	9.53	4.19	0.44	1932	9.40	4.14	0.44	2013	9.23	4.06	0.44	2143	9.02	3.97	0.44	2239	8.75	3.85	0.44	2319	8.04	3.54	0.44	2458	6.63	2.92	0.44	2549	5.47	2.41	0.44	2643
	30	18	9.57	8.61	0.90	1748	9.47	8.53	0.90	1764	9.37	8.43	0.90	1780	9.25	8.32	0.90	1795	9.16	8.24	0.90	1804	9.06	8.15	0.90	1864	8.93	8.04	0.90	1946	8.78	7.90	0.90	2077	8.57	7.71	0.90	2173	8.32	7.49	0.90	2255	7.64	6.87	0.90	2395	6.30	5.67	0.90	2487	5.20	4.68	0.90	2582
	30	20	9.76	8.20	0.84	1774	9.67	8.12	0.84	1790	9.56	8.03	0.84	1806	9.44	7.93	0.84	1820	9.34	7.85	0.84	1829	9.24	7.76	0.84	1889	9.12	7.66	0.84	1972	8.95	7.52	0.84	2103	8.74	7.35	0.84	2199	8.49	7.13	0.84	2281	7.79	6.55	0.84	2421	6.43	5.40	0.84	2513	5.30	4.46	0.84	2607
	30	22	9.96	7.17	0.72	1791	9.86	7.10	0.72	1807	9.75	7.02	0.72	1823	9.63	6.93	0.72	1838	9.53	6.86	0.72	1847	9.43	6.79	0.72	1907	9.30	6.69	0.72	1989	9.13	6.58	0.72	2121	8.92	6.42	0.72	2217	8.66	6.23	0.72	2298	7.95	5.72	0.72	2439	6.56	4.72	0.72	2530	5.41	3.90	0.72	2625
	30	24	10.03	6.02	0.60	1812	9.93	5.96	0.60	1828	9.82	5.89	0.60	1844	9.69	5.82	0.60	1858	9.60	5.76	0.60	1868	9.49	5.70	0.60	1928	9.36	5.62	0.60	2010	9.20	5.52	0.60	2141	8.98	5.39	0.60	2237	8.72	5.23	0.60	2319	8.01	4.80	0.60	2459	6.60	3.96	0.60	2551	5.45	3.27	0.60	2646
	30	26	10.17	4.88	0.48	1836	10.07	4.83	0.48	1852	9.96	4.78	0.48	1868	9.83	4.72	0.48	1882	9.73	4.67	0.48	1891	9.63	4.62	0.48	1951	9.49	4.56	0.48	2033	9.33	4.48	0.48	2165	9.11	4.37	0.48	2261	8.84	4.24	0.48	2343	8.12	3.90	0.48	2483	6.70	3.21	0.48	2574	5.52	2.65	0.48	2669
	31	18	9.66	8.70	0.90	1766	9.57	8.61	0.90	1782	9.46	8.52	0.90	1798	9.34	8.41	0.90	1813	9.25	8.32	0.90	1822	9.15	8.23	0.90	1882	9.02	8.12	0.90	1965	8.86	7.98	0.90	2098	8.66	7.79	0.90	2195	8.40	7.56	0.90	2277	7.71	6.94	0.90	2419	6.36	5.73	0.90	2512	5.25	4.73	0.90	2608
	31	20	9.86	8.68	0.88	1792	9.76	8.59	0.88	1808	9.66	8.50	0.88	1824	9.53	8.39	0.88	1839	9.44	8.31	0.88	1848	9.34	8.22	0.88	1908	9.21	8.10	0.88	1991	9.04	7.96	0.88	2124	8.83	7.77	0.88	2221	8.57	7.55	0.88	2304	7.87	6.93	0.88	2445	6.49	5.71	0.88	2538	5.36	4.71	0.88	2634
	31	22	10.06	7.64	0.76	1809	9.96	7.57	0.76	1825	9.85	7.49	0.76	1842	9.72	7.39	0.76	1856	9.63	7.32	0.76	1865	9.52	7.24	0.76	1926	9.39	7.14	0.76	2009	9.22	7.01	0.76	2142	9.01	6.85	0.76	2239	8.75	6.65	0.76	2321	8.03	6.10	0.76	2463	6.62	5.03	0.76	2555	5.46	4.15	0.76	2651
	31	24	10.13	6.48	0.64	1830	10.03	6.42	0.64	1846	9.92	6.35	0.64	1862	9.79	6.27	0.64	1877	9.69	6.20	0.64	1886	9.59	6.14	0.64	1947	9.46	6.05	0.64	2030	9.29	5.95	0.64	2163	9.07	5.81	0.64	2260	8.81	5.64	0.64	2342	8.09	5.17	0.64	2484	6.67	4.27	0.64	2576	5.50	3.52	0.64	2672
	31	26	10.27	5.34	0.52	1854	10.17	5.29	0.52	1870	10.06	5.23	0.52	1886	9.93	5.16	0.52	1901	9.83	5.11	0.52	1910	9.72	5.06	0.52	1971	9.59	4.99	0.52	2054	9.42	4.90	0.52	2187	9.20	4.78	0.52	2284	8.93	4.64	0.52	2366	8.20	4.26	0.52	2508	6.76	3.52	0.52	2600	5.58	2.90	0.52	2696
	32	18	9.76	8.78	0.90	1783	9.66	8.70	0.90	1800	9.56	8.60	0.90	1816	9.44	8.49	0.90	1831	9.34	8.41	0.90	1840	9.24	8.32	0.90	1901	9.11	8.20	0.90	1985	8.95	8.06	0.90	2119	8.74	7.87	0.90	2217	8.49	7.64	0.90	2300	7.79	7.01	0.90	2444	6.43	5.78	0.90	2537	5.30	4.77	0.90	2634
	32	20	9.96	8.96	0.90	1809	9.86	8.87	0.90	1826	9.75	8.78	0.90	1842	9.63	8.67	0.90	1857	9.53	8.58	0.90	1866	9.43	8.49	0.90	1927	9.30	8.37	0.90	2011	9.13	8.22	0.90	2145	8.92	8.03	0.90	2243	8.66	7.79	0.90	2327	7.95	7.16	0.90	2470	6.56	5.90	0.90	2563	5.41	4.87	0.90	2660
	32	22	10.16	8.13	0.80	1827	10.06	8.05	0.80	1844	9.95	7.96	0.80	1860	9.82	7.86	0.80	1875	9.72	7.78	0.80	1884	9.62	7.69	0.80	1945	9.48	7.59	0.80	2029	9.32	7.45	0.80	2163	9.10	7.28	0.80	2261	8.83	7.07	0.80	2344	8.11	6.49	0.80	2488	6.69	5.35	0.80	2581	5.52	4.42	0.80	2678
	32	24	10.23	6.96	0.68	1848	10.13	6.89	0.68	1865	10.02	6.81	0.68	1881	9.89	6.72	0.68	1896	9.79	6.66	0.68	1905	9.68	6.59	0.68	1966	9.55	6.49	0.68	2050	9.38	6.38	0.68	2184	9.16	6.23	0.68	2282	8.90	6.05	0.68	2365	8.17	5.55	0.68	2509	6.74	4.58	0.68	2602	5.56	3.78	0.68	2699
	32	26	10.37	5.81	0.56	1873	10.27	5.75	0.56	1889	10.16	5.69	0.56	1905	10.03	5.62	0.56	1920	9.93	5.56	0.56	1929	9.82	5.50	0.56	1990	9.68	5.42	0.56	2074	9.51	5.33	0.56	2208	9.29	5.20	0.56	2306	9.02	5.05	0.56	2390	8.28	4.64	0.56	2533	6.83	3.83	0.56	2626	5.64	3.16	0.56	2723

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
100%	21	18	7.74	4.65	0.60	1558	7.67	4.60	0.60	1572	7.58	4.55	0.60	1587	7.49	4.49	0.60	1600	7.41	4.45	0.60	1608	7.33	4.40	0.60	1661	7.23	4.34	0.60	1734	7.10	4.26	0.60	1852	6.94	4.16	0.60	1937	6.73	4.04	0.60	2010	6.18	3.71	0.60	2135	5.10	3.06	0.60	2217	4.21	2.52	0.60	2301
	21	20	8.06	3.87	0.48	1582	7.98	3.83	0.48	1596	7.90	3.79	0.48	1610	7.80	3.74	0.48	1623	7.72	3.70	0.48	1631	7.63	3.66	0.48	1685	7.53	3.61	0.48	1758	7.40	3.55	0.48	1875	7.22	3.47	0.48	1961	7.01	3.37	0.48	2034	6.44	3.09	0.48	2159	5.31	2.55	0.48	2240	4.38	2.10	0.48	2325
	22	18	7.98	5.11	0.64	1574	7.90	5.06	0.64	1588	7.82	5.00	0.64	1603	7.72	4.94	0.64	1616	7.64	4.89	0.64	1624	7.56	4.84	0.64	1678	7.45	4.77	0.64	1752	7.32	4.69	0.64	1870	7.15	4.58	0.64	1957	6.94	4.44	0.64	2030	6.37	4.08	0.64	2157	5.26	3.37	0.64	2239	4.34	2.78	0.64	2325
	22	20	8.23	4.28	0.52	1598	8.15	4.24	0.52	1612	8.06	4.19	0.52	1627	7.95	4.14	0.52	1640	7.88	4.10	0.52	1648	7.79	4.05	0.52	1702	7.68	4.00	0.52	1776	7.55	3.92	0.52	1894	7.37	3.83	0.52	1981	7.16	3.72	0.52	2054	6.57	3.42	0.52	2181	5.42	2.82	0.52	2263	4.47	2.32	0.52	2348
	22	22	8.37	3.35	0.40	1614	8.29	3.31	0.40	1628	8.20	3.28	0.40	1643	8.09	3.24	0.40	1656	8.01	3.20	0.40	1664	7.92	3.17	0.40	1718	7.81	3.13	0.40	1792	7.68	3.07	0.40	1910	7.50	3.00	0.40	1997	7.28	2.91	0.40	2070	6.68	2.67	0.40	2197	5.51	2.20	0.40	2279	4.55	1.82	0.40	2365
	23	18	8.15	5.54	0.68	1590	8.07	5.49	0.68	1604	7.98	5.43	0.68	1619	7.88	5.36	0.68	1632	7.80	5.30	0.68	1640	7.71	5.24	0.68	1695	7.61	5.17	0.68	1770	7.47	5.08	0.68	1889	7.30	4.96	0.68	1977	7.08	4.82	0.68	2051	6.50	4.42	0.68	2179	5.37	3.65	0.68	2262	4.43	3.01	0.68	2348
	23	20	8.40	4.70	0.56	1614	8.31	4.66	0.56	1628	8.22	4.60	0.56	1643	8.12	4.55	0.56	1656	8.04	4.50	0.56	1664	7.95	4.45	0.56	1719	7.84	4.39	0.56	1794	7.70	4.31	0.56	1913	7.52	4.21	0.56	2001	7.30	4.09	0.56	2075	6.70	3.75	0.56	2203	5.53	3.10	0.56	2286	4.56	2.55	0.56	2372
	23	22	8.54	3.76	0.44	1630	8.45	3.72	0.44	1645	8.36	3.68	0.44	1659	8.26	3.63	0.44	1672	8.17	3.60	0.44	1681	8.08	3.56	0.44	1735	7.97	3.51	0.44	1810	7.83	3.45	0.44	1930	7.65	3.37	0.44	2017	7.43	3.27	0.44	2091	6.82	3.00	0.44	2219	5.62	2.47	0.44	2302	4.64	2.04	0.44	2388
	24	18	8.31	5.99	0.72	1606	8.23	5.93	0.72	1621	8.14	5.86	0.72	1635	8.04	5.79	0.72	1649	7.96	5.73	0.72	1657	7.87	5.67	0.72	1712	7.76	5.59	0.72	1788	7.62	5.49	0.72	1908	7.45	5.36	0.72	1997	7.23	5.20	0.72	2072	6.64	4.78	0.72	2201	5.47	3.94	0.72	2285	4.52	3.25	0.72	2372
	24	20	8.57	5.14	0.60	1630	8.48	5.09	0.60	1645	8.39	5.03	0.60	1660	8.28	4.97	0.60	1673	8.20	4.92	0.60	1681	8.11	4.87	0.60	1736	8.00	4.80	0.60	1812	7.86	4.71	0.60	1933	7.67	4.60	0.60	2021	7.45	4.47	0.60	2096	6.84	4.10	0.60	2225	5.64	3.39	0.60	2309	4.66	2.79	0.60	2396
	24	22	8.71	4.18	0.48	1647	8.63	4.14	0.48	1661	8.53	4.10	0.48	1676	8.42	4.04	0.48	1689	8.34	4.00	0.48	1698	8.25	3.96	0.48	1753	8.14	3.91	0.48	1828	7.99	3.84	0.48	1949	7.80	3.75	0.48	2037	7.58	3.64	0.48	2112	6.96	3.34	0.48	2241	5.74	2.75	0.48	2325	4.73	2.27	0.48	2413
	24	24	8.84	3.18	0.36	1666	8.75	3.15	0.36	1681	8.65	3.11	0.36	1696	8.54	3.07	0.36	1709	8.46	3.04	0.36	1717	8.36	3.01	0.36	1772	8.25	2.97	0.36	1848	8.10	2.92	0.36	1969	7.91	2.85	0.36	2057	7.68	2.77	0.36	2132	7.05	2.54	0.36	2261	5.82	2.09	0.36	2345	4.80	1.73	0.36	2432
	25	18	8.57	6.51	0.76	1622	8.49	6.45	0.76	1637	8.39	6.38	0.76	1652	8.29	6.30	0.76	1665	8.20	6.23	0.76	1674	8.11	6.17	0.76	1729	8.00	6.08	0.76	1806	7.86	5.97	0.76	1928	7.68	5.83	0.76	2017	7.45	5.66	0.76	2093	6.84	5.20	0.76	2223	5.64	4.29	0.76	2308	4.66	3.54	0.76	2396
	25	20	8.83	5.65	0.64	1647	8.75	5.60	0.64	1661	8.65	5.54	0.64	1676	8.54	5.46	0.64	1690	8.45	5.41	0.64	1698	8.36	5.35	0.64	1754	8.25	5.28	0.64	1830	8.10	5.18	0.64	1952	7.91	5.06	0.64	2041	7.68	4.92	0.64	2117	7.05	4.51	0.64	2247	5.82	3.72	0.64	2332	4.80	3.07	0.64	2420
	25	22	8.98	4.67	0.52	1663	8.89	4.62	0.52	1678	8.80	4.57	0.52	1693	8.68	4.52	0.52	1706	8.60	4.47	0.52	1715	8.50	4.42	0.52	1771	8.39	4.36	0.52	1847	8.24	4.28	0.52	1969	8.05	4.18	0.52	2058	7.81	4.06	0.52	2134	7.17	3.73	0.52	2264	5.92	3.08	0.52	2349	4.88	2.54	0.52	2437
	25	24	9.11	3.64	0.40	1683	9.02	3.61	0.40	1698	8.92	3.57	0.40	1713	8.81	3.52	0.40	1726	8.72	3.49	0.40	1734	8.62	3.45	0.40	1790	8.50	3.40	0.40	1866	8.35	3.34	0.40	1988	8.16	3.26	0.40	2078	7.92	3.17	0.40	2153	7.27	2.91	0.40	2284	6.00	2.40	0.40	2368	4.95	1.98	0.40	2457
	26	18	8.84	7.07	0.80	1638	8.75	7.00	0.80	1653	8.65	6.92	0.80	1669	8.54	6.83	0.80	1682	8.46	6.77	0.80	1691	8.36	6.69	0.80	1747	8.25	6.60	0.80	1824	8.10	6.48	0.80	1947	7.91	6.33	0.80	2037	7.68	6.15	0.80	2114	7.05	5.64	0.80	2245	5.82	4.66	0.80	2331	4.80	3.84	0.80	2420
	26	20	9.11	6.19	0.68	1663	9.02	6.13	0.68	1678	8.92	6.06	0.68	1693	8.80	5.99	0.68	1707	8.72	5.93	0.68	1715	8.62	5.86	0.68	1772	8.50	5.78	0.68	1849	8.35	5.68	0.68	1972	8.16	5.55	0.68	2062	7.92	5.38	0.68	2138	7.27	4.94	0.68	2270	6.00	4.08	0.68	2356	4.95	3.36	0.68	2445
	26	22	9.26	5.19	0.56	1680	9.17	5.13	0.56	1695	9.07	5.08	0.56	1710	8.95	5.01	0.56	1724	8.86	4.96	0.56	1732	8.77	4.91	0.56	1788	8.65	4.84	0.56	1865	8.49	4.76	0.56	1989	8.29	4.64	0.56	2079	8.05	4.51	0.56	2155	7.39	4.14	0.56	2287	6.10	3.42	0.56	2373	5.03	2.82	0.56	2462
	26	24	9.39	4.13	0.44	1700	9.30	4.09	0.44	1715	9.20	4.05	0.44	1730	9.08	3.99	0.44	1743	8.99	3.95	0.44	1752	8.89	3.91	0.44	1808	8.77	3.86	0.44	1885	8.61	3.79	0.44	2009	8.41	3.70	0.44	2099	8.17	3.59	0.44	2175	7.50	3.30	0.44	2307	6.18	2.72	0.44	2392	5.10	2.24	0.44	2481
	26	26	9.54	3.05	0.32	1723	9.45	3.02	0.32	1738	9.34	2.99	0.32	1753	9.22	2.95	0.32	1766	9.13	2.92	0.32	1775	9.03	2.89	0.32	1831	8.91	2.85	0.32	1908	8.75	2.80	0.32	2031	8.55	2.73	0.32	2121	8.30	2.65	0.32	2198	7.62	2.44	0.32	2329	6.28	2.01	0.32	2415	5.18	1.66	0.32	2504
	27	18	9.02	7.57	0.84	1655	8.93	7.50	0.84	1670	8.83	7.42	0.84	1685	8.72	7.32	0.84	1699	8.63	7.25	0.84	1708	8.54	7.17	0.84	1764	8.42	7.07	0.84	1842	8.27	6.95	0.84	1967	8.08	6.78	0.84	2058	7.84	6.59	0.84	2135	7.20	6.05	0.84	2268	5.94	4.99	0.84	2355	4.90	4.11	0.84	2444
	27	19	9.20	7.18	0.78	1665	9.11	7.10	0.78	1680	9.01	7.03	0.78	1695	8.89	6.94	0.78	1709	8.81	6.87	0.78	1718	8.71	6.79	0.78	1774	8.59	6.70	0.78	1852	8.44	6.58	0.78	1977	8.24	6.43	0.78	2068	8.00	6.24	0.78	2145	7.34	5.73	0.78	2278	6.06	4.73	0.78	2365	5.00	3.90	0.78	2454
	27	20	9.29	6.69	0.72	1680	9.20	6.62	0.72	1695	9.10	6.55	0.72	1710	8.98	6.47	0.72	1724	8.89	6.40	0.72	1733	8.80	6.33	0.72	1789	8.68	6.25	0.72	1867	8.52	6.14	0.72	1992	8.32	5.99	0.72	2083	8.08	5.82	0.72	2160	7.42	5.34	0.72	2293	6.12	4.41	0.72	2380	5.05	3.63	0.72	2469
	27	22	9.45	5.67	0.60	1697	9.36	5.61	0.60	1712	9.25	5.55	0.60	1727	9.14	5.48	0.60	1741	9.04	5.43	0.60	1750	8.95	5.37	0.60	1806	8.82	5.29	0.60	1884	8.67	5.20	0.60	2009	8.46	5.08	0.60	2100	8.22	4.93	0.60	2177	7.54	4.53	0.60	2310	6.22	3.73	0.60	2397	5.13	3.08	0.60	2486
	27	24	9.58	4.60	0.48	1717	9.49	4.55	0.48	1732	9.38	4.50	0.48	1747	9.26	4.45	0.48	1761	9.17	4.40	0.48	1770	9.07	4.35	0.48	1826	8.95	4.29	0.48	1904	8.79	4.22	0.48	2029	8.58	4.12	0.48	2120	8.33	4.00	0.48	2197	7.65	3.67	0.48	2330	6.31	3.03	0.48	2417	5.21	2.50	0.48	2506
	27	26	9.74	3.50	0.36	1740	9.64	3.47	0.36	1755	9.53	3.43	0.36	1770	9.41	3.39	0.36	1784	9.32	3.35	0.36	1793	9.22	3.32	0.36	1849	9.09	3.27	0.36	1927	8.93	3.21	0.36	2052	8.72	3.14	0.36	2143	8.47	3.05	0.36	2220	7.77	2.80	0.36	2353	6.41	2.31	0.36	2440	5.29	1.90	0.36	2529
	28	18	9.11	8.01	0.88	1672	9.02	7.93	0.88	1687	8.92	7.85	0.88	1702	8.80	7.75	0.88	1716	8.72	7.67	0.88	1725	8.62	7.59	0.88	1782	8.50	7.48	0.88	1861	8.35	7.35	0.88	1986	8.16	7.18	0.88	2078	7.92	6.97	0.88	2156	7.27	6.40	0.88	2291	6.00	5.28	0.88	2378	4.95	4.35	0.88	2469
	28	20	9.29	7.06	0.76	1697	9.20	6.99	0.76	1712	9.10	6.92	0.76	1728	8.98	6.83	0.76	1741	8.89	6.76	0.76	1750	8.80	6.69	0.76	1807	8.68	6.59	0.76	1886	8.52	6.48	0.76	2012	8.32	6.33	0.76	2104	8.08	6.14	0.76	2182	7.42	5.64	0.76	2316	6.12	4.65	0.76	2403	5.05	3.84	0.76	2494
	28	22	9.38	6.01	0.64	1714	9.29	5.95	0.64	1729	9.19	5.88	0.64	1745	9.07	5.81	0.64	1759	8.98	5.75	0.64	1767	8.88	5.69	0.64	1825	8.76	5.61	0.64	1903	8.61	5.51	0.64	2029	8.41	5.38	0.64	2121	8.16	5.22	0.64	2199	7.49	4.79	0.64	2333	6.18	3.96	0.64	2421	5.10	3.26	0.64	2511
	28	24	9.54	4.96	0.52	1734	9.45	4.91	0.52	1749	9.35	4.86	0.52	1765	9.23	4.80	0.52	1779	9.14	4.75	0.52	1787	9.04	4.70	0.52	1845	8.91	4.63	0.52	1923	8.75	4.55	0.52	2049	8.55	4.45	0.52	2141	8.30	4.32	0.52	2219	7.62	3.96	0.52	2353	6.29	3.27	0.52	2441	5.19	2.70	0.52	2531
	28	26	9.68	3.87	0.40	1757	9.58	3.83	0.40	1773	9.48	3.79	0.40	1788	9.36	3.74	0.40	1802	9.26	3.71	0.40	1811	9.16	3.67	0.40	1868	9.04	3.61	0.40	1947	8.88	3.55	0.40	2072	8.67	3.47	0.40	2164	8.42	3.37	0.40	2242	7.73	3.09	0.40	2377	6.37	2.55	0.40	2464	5.26	2.10	0.40	2555
	29	18	9.20	8.28	0.90	1688	9.11	8.20	0.90	1704	9.01	8.11	0.90	1719	8.89	8.00	0.90	1733	8.80	7.92	0.90	1742	8.71	7.84	0.90	1800	8.59	7.73	0.90	1879	8.44	7.59	0.90	2006	8.24	7.41	0.90	2099	8.00	7.20	0.90	2178	7.34	6.61	0.90	2314	6.06	5.45	0.90	2402	5.00	4.50	0.90	2494
	29	20	9.38	7.51	0.80	1714	9.29	7.43	0.80	1729	9.19	7.35	0.80	1745	9.07	7.26	0.80	1759	8.98	7.19	0.80	1768	8.88	7.11	0.80	1825	8.76	7.01	0.80	1905	8.61	6.89	0.80	2032	8.41	6.72	0.80	2125	8.16	6.53	0.80	2203	7.49	5.99	0.80	2339	6.18	4.94	0.80	2427	5.10	4.08	0.80	2519
	29	22	9.57	6.51	0.68	1731	9.48	6.44	0.68	1747	9.37	6.37	0.68	1762	9.25	6.29	0.68	1776	9.16	6.23	0.68	1785	9.06	6.16	0.68	1843	8.94	6.08	0.68	1922	8.78	5.97	0.68	2049	8.57	5.83	0.68	2142	8.32	5.66	0.68	2221	7.64	5.20	0.68	2356	6.30	4.29	0.68	2445	5.20	3.54	0.68	2536
	29	24	9.64	5.40	0.56	1752	9.54	5.34	0.56	1767	9.44	5.29	0.56	1783	9.32	5.22	0.56	1796	9.23	5.17	0.56	1805	9.13	5.11	0.56	1863	9.00	5.04	0.56	1943	8.84	4.95	0.56	2070	8.63	4.84	0.56	2162	8.38	4.69	0.56	2241	7.70	4.31	0.56	2377	6.35	3.56	0.56	2465	5.24	2.93	0.56	2557
	29	26	9.77	4.30	0.44	1775	9.68	4.26	0.44	1790	9.57	4.21	0.44	1806	9.45	4.16	0.44	1820	9.36	4.12	0.44	1829	9.25	4.07	0.44	1887	9.13	4.02	0.44	1966	8.96	3.94	0.44	2093	8.75	3.85	0.44	2186	8.50	3.74	0.44	2265	7.80	3.43	0.44	2400	6.44	2.83	0.44	2489	5.31	2.34	0.44	2580
	30	18	9.29	8.36	0.90	1705	9.20	8.28	0.90	1721	9.10	8.19	0.90	1736	8.98	8.08	0.90	1751	8.89	8.00	0.90	1759	8.79	7.91	0.90	1818	8.67	7.81	0.90	1898	8.52	7.67	0.90	2026	8.32	7.49	0.90	2120	8.08	7.27	0.90	2200	7.42	6.67	0.90	2337	6.12	5.51	0.90	2426	5.05	4.54	0.90	2518
	30	20	9.48	7.96	0.84	1731	9.38	7.88	0.84	1747	9.28	7.80	0.84	1762	9.16	7.70	0.84	1776	9.07	7.62	0.84	1785	8.97	7.54	0.84	1844	8.85	7.43	0.84	1924	8.69	7.30	0.84	2052	8.49	7.13	0.84	2146	8.24	6.92	0.84	2225	7.57	6.36	0.84	2362	6.24	5.24	0.84	2452	5.15	4.33	0.84	2544
	30	22	9.67	6.96	0.72	1748	9.57	6.89	0.72	1764	9.47	6.82	0.72	1780	9.35	6.73	0.72	1794	9.25	6.66	0.72	1803	9.15	6.59	0.72	1861	9.03	6.50	0.72	1941	8.87	6.38	0.72	2070	8.66	6.23	0.72	2163	8.41	6.05	0.72	2243	7.72	5.56	0.72	2380	6.37	4.58	0.72	2469	5.25	3.78	0.72	2562
	30	24	9.74	5.84	0.60	1769	9.64	5.78	0.60	1785	9.53	5.72	0.60	1800	9.41	5.65	0.60	1814	9.32	5.59	0.60	1823	9.22	5.53	0.60	1882	9.09	5.45	0.60	1962	8.93	5.36	0.60	2090	8.72	5.23	0.60	2184	8.47	5.08	0.60	2264	7.77	4.66	0.60	2401	6.41	3.85	0.60	2490	5.29	3.17	0.60	2582
	30	26	9.87	4.74	0.48	1793	9.77	4.69	0.48	1808	9.67	4.64	0.48	1824	9.54	4.58	0.48	1838	9.45	4.54	0.48	1847	9.35	4.49	0.48	1906	9.22	4.42	0.48	1986	9.05	4.35	0.48	2114	8.84	4.24	0.48	2208	8.58	4.12	0.48	2287	7.88	3.78	0.48	2424	6.50	3.12	0.48	2513	5.36	2.57	0.48	2606
	31	18	9.38	8.44	0.90	1722	9.29	8.36	0.90	1738	9.19	8.27	0.90	1754	9.07	8.16	0.90	1768	8.98	8.08	0.90	1777	8.88	7.99	0.90	1836	8.76	7.88	0.90	1917	8.60	7.74	0.90	2047	8.40	7.56	0.90	2141	8.16	7.34	0.90	2222	7.49	6.74	0.90	2360	6.18	5.56	0.90	2450	5.10	4.59	0.90	2544
	31	20	9.57	8.42	0.88	1748	9.48	8.34	0.88	1764	9.38	8.25	0.88	1780	9.25	8.14	0.88	1794	9.16	8.06	0.88	1803	9.06	7.98	0.88	1862	8.94	7.87	0.88	1943	8.78	7.73	0.88	2073	8.57	7.55	0.88	2167	8.32	7.33	0.88	2248	7.64	6.73	0.88	2386	6.30	5.55	0.88	2476	5.20	4.58	0.88	2570
	31	22	9.76	7.42	0.76	1766	9.67	7.35	0.76	1782	9.56	7.27	0.76	1798	9.44	7.17	0.76	1812	9.35	7.10	0.76	1821	9.24	7.03	0.76	1880	9.12	6.93	0.76	1961	8.96	6.81	0.76	2090	8.75	6.65	0.76	2185	8.49	6.45	0.76	2265	7.80	5.92	0.76	2404	6.43	4.89	0.76	2494	5.31	4.03	0.76	2587
	31	24	9.83	6.29	0.64	1787	9.74	6.23	0.64	1802	9.63	6.16	0.64	1818	9.51	6.08	0.64	1833	9.41	6.02	0.64	1842	9.31	5.96	0.64	1901	9.18	5.88	0.64	1982	9.02	5.77	0.64	2111	8.81	5.64	0.64	2206	8.55	5.47	0.64	2286	7.85	5.02	0.64	2425	6.48	4.14	0.64	2515	5.34	3.42	0.64	2608
	31	26	9.97	5.18	0.52	1811	9.87	5.13	0.52	1826	9.76	5.08	0.52	1842	9.64	5.01	0.52	1857	9.54	4.96	0.52	1865	9.44	4.91	0.52	1925	9.31	4.84	0.52	2006	9.15	4.76	0.52	2135	8.93	4.64	0.52	2230	8.67	4.51	0.52	2310	7.96	4.14	0.52	2449	6.57	3.41	0.52	2539	5.42	2.82	0.52	2632
	32	18	9.48	8.53	0.90	1739	9.38	8.44	0.90	1755	9.28	8.35	0.90	1771	9.16	8.24	0.90	1786	9.07	8.16	0.90	1795	8.97	8.07	0.90	1854	8.85	7.96	0.90	1936	8.69	7.82	0.90	2067	8.49	7.64	0.90	2163	8.24	7.42	0.90	2244	7.56	6.81	0.90	2384	6.24	5.62	0.90	2475	5.15	4.63	0.90	2569
	32	20	9.67	8.70	0.90	1766	9.57	8.62	0.90	1782	9.47	8.52	0.90	1798	9.35	8.41	0.90	1812	9.25	8.33	0.90	1821	9.15	8.24	0.90	1881	9.03	8.13	0.90	1963	8.87	7.98	0.90	2093	8.66	7.79	0.90	2189	8.41	7.57	0.90	2270	7.72	6.95	0.90	2410	6.37	5.73	0.90	2501	5.25	4.73	0.90	2595
	32	22	9.86	7.89	0.80	1784	9.76	7.81	0.80	1799	9.66	7.73	0.80	1816	9.53	7.63	0.80	1830	9.44	7.55	0.80	1839	9.34	7.47	0.80	1899	9.21	7.37	0.80	1980	9.05	7.24	0.80	2111	8.83	7.07	0.80	2207	8.58	6.86	0.80	2288	7.87	6.30	0.80	2428	6.50	5.20	0.80	2519	5.36	4.29	0.80	2613
	32	24	9.93	6.75	0.68	1805	9.83	6.69	0.68	1821	9.73	6.61	0.68	1837	9.60	6.53	0.68	1851	9.51	6.46	0.68	1860	9.40	6.39	0.68	1920	9.27	6.31	0.68	2001	9.11	6.19	0.68	2132	8.90	6.05	0.68	2228	8.64	5.87	0.68	2309	7.93	5.39	0.68	2449	6.54	4.45	0.68	2540	5.40	3.67	0.68	2634
	32	26	10.07	5.64	0.56	1829	9.97	5.58	0.56	1845	9.86	5.52	0.56	1861	9.74	5.45	0.56	1875	9.64	5.40	0.56	1884	9.53	5.34	0.56	1944	9.40	5.27	0.56	2026	9.24	5.17	0.56	2156	9.02	5.05	0.56	2252	8.76	4.90	0.56	2333	8.04	4.50	0.56	2473	6.63	3.71	0.56	2564	5.47	3.06	0.56	2658

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

Cooling Operation PERFORMANCE DATA

OUTDOOR DB (°C)

COMBINATION (%)	IDDB (°C)	ID WB (°C)	-15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
90%	21	18	7.59	4.55	0.60	1543	7.51	4.51	0.60	1557	7.43	4.46	0.60	1571	7.34	4.40	0.60	1584	7.26	4.36	0.60	1592	7.19	4.31	0.60	1645	7.09	4.25	0.60	1717	6.96	4.18	0.60	1833	6.80	4.08	0.60	1918	6.60	3.96	0.60	1990	6.06	3.64	0.60	2114	5.00	3.00	0.60	2195	4.12	2.47	0.60	2278
	21	20	7.90	3.79	0.48	1566	7.82	3.76	0.48	1580	7.74	3.71	0.48	1594	7.64	3.67	0.48	1607	7.56	3.63	0.48	1615	7.48	3.59	0.48	1668	7.38	3.54	0.48	1741	7.25	3.48	0.48	1857	7.08	3.40	0.48	1941	6.87	3.30	0.48	2013	6.31	3.03	0.48	2137	5.20	2.50	0.48	2218	4.29	2.06	0.48	2302
	22	18	7.82	5.01	0.64	1558	7.75	4.96	0.64	1572	7.66	4.90	0.64	1587	7.56	4.84	0.64	1600	7.49	4.79	0.64	1608	7.41	4.74	0.64	1661	7.31	4.68	0.64	1734	7.18	4.59	0.64	1852	7.01	4.49	0.64	1937	6.80	4.35	0.64	2010	6.25	4.00	0.64	2135	5.15	3.30	0.64	2217	4.25	2.72	0.64	2301
	22	20	8.06	4.19	0.52	1582	7.98	4.15	0.52	1596	7.90	4.11	0.52	1610	7.80	4.05	0.52	1623	7.72	4.01	0.52	1631	7.63	3.97	0.52	1685	7.53	3.92	0.52	1758	7.40	3.85	0.52	1875	7.22	3.76	0.52	1961	7.01	3.65	0.52	2034	6.44	3.35	0.52	2159	5.31	2.76	0.52	2240	4.38	2.28	0.52	2325
	22	22	8.20	3.28	0.40	1598	8.12	3.25	0.40	1612	8.03	3.21	0.40	1627	7.93	3.17	0.40	1640	7.85	3.14	0.40	1648	7.76	3.11	0.40	1701	7.66	3.06	0.40	1774	7.52	3.01	0.40	1892	7.35	2.94	0.40	1977	7.13	2.85	0.40	2050	6.55	2.62	0.40	2175	5.40	2.16	0.40	2257	4.46	1.78	0.40	2341
	23	18	7.98	5.43	0.68	1574	7.90	5.38	0.68	1588	7.82	5.32	0.68	1603	7.72	5.25	0.68	1616	7.64	5.20	0.68	1624	7.56	5.14	0.68	1678	7.45	5.07	0.68	1752	7.32	4.98	0.68	1870	7.15	4.86	0.68	1957	6.94	4.72	0.68	2030	6.37	4.33	0.68	2157	5.26	3.58	0.68	2239	4.34	2.95	0.68	2325
	23	20	8.23	4.61	0.56	1598	8.15	4.56	0.56	1612	8.06	4.51	0.56	1627	7.95	4.45	0.56	1640	7.88	4.41	0.56	1648	7.79	4.36	0.56	1702	7.68	4.30	0.56	1776	7.55	4.23	0.56	1894	7.37	4.13	0.56	1981	7.16	4.01	0.56	2054	6.57	3.68	0.56	2181	5.42	3.03	0.56	2263	4.47	2.50	0.56	2349
	23	22	8.37	3.68	0.44	1614	8.29	3.65	0.44	1629	8.20	3.61	0.44	1643	8.09	3.56	0.44	1656	8.01	3.52	0.44	1664	7.92	3.49	0.44	1718	7.81	3.44	0.44	1792	7.68	3.38	0.44	1911	7.50	3.30	0.44	1997	7.28	3.20	0.44	2071	6.68	2.94	0.44	2197	5.51	2.42	0.44	2279	4.55	2.00	0.44	2365
	24	18	8.15	5.87	0.72	1590	8.07	5.81	0.72	1604	7.98	5.74	0.72	1619	7.88	5.67	0.72	1632	7.80	5.61	0.72	1640	7.71	5.55	0.72	1695	7.61	5.48	0.72	1770	7.47	5.38	0.72	1889	7.30	5.25	0.72	1977	7.08	5.10	0.72	2051	6.50	4.68	0.72	2179	5.37	3.86	0.72	2262	4.43	3.19	0.72	2348
	24	20	8.40	5.04	0.60	1614	8.31	4.99	0.60	1629	8.22	4.93	0.60	1643	8.12	4.87	0.60	1656	8.04	4.82	0.60	1665	7.95	4.77	0.60	1719	7.84	4.70	0.60	1794	7.70	4.62	0.60	1913	7.52	4.51	0.60	2001	7.30	4.38	0.60	2075	6.70	4.02	0.60	2203	5.53	3.32	0.60	2286	4.56	2.74	0.60	2372
	24	22	8.54	4.10	0.48	1630	8.45	4.06	0.48	1645	8.36	4.01	0.48	1660	8.26	3.96	0.48	1673	8.17	3.92	0.48	1681	8.08	3.88	0.48	1736	7.97	3.83	0.48	1810	7.83	3.76	0.48	1930	7.65	3.67	0.48	2017	7.43	3.56	0.48	2092	6.82	3.27	0.48	2219	5.62	2.70	0.48	2302	4.64	2.23	0.48	2389
	24	24	8.66	3.12	0.36	1650	8.57	3.09	0.36	1664	8.48	3.05	0.36	1679	8.37	3.01	0.36	1692	8.29	2.98	0.36	1700	8.20	2.95	0.36	1755	8.08	2.91	0.36	1830	7.94	2.86	0.36	1949	7.76	2.79	0.36	2037	7.53	2.71	0.36	2111	6.91	2.49	0.36	2239	5.70	2.05	0.36	2322	4.70	1.69	0.36	2408
	25	18	8.40	6.38	0.76	1606	8.32	6.32	0.76	1620	8.23	6.25	0.76	1635	8.12	6.17	0.76	1649	8.04	6.11	0.76	1657	7.95	6.04	0.76	1712	7.84	5.96	0.76	1787	7.70	5.85	0.76	1908	7.52	5.72	0.76	1997	7.30	5.55	0.76	2071	6.70	5.10	0.76	2201	5.53	4.20	0.76	2285	4.56	3.47	0.76	2372
	25	20	8.66	5.54	0.64	1630	8.57	5.48	0.64	1645	8.48	5.43	0.64	1660	8.37	5.36	0.64	1673	8.29	5.30	0.64	1681	8.20	5.24	0.64	1736	8.08	5.17	0.64	1812	7.94	5.08	0.64	1933	7.75	4.96	0.64	2021	7.53	4.82	0.64	2096	6.91	4.42	0.64	2225	5.70	3.65	0.64	2309	4.70	3.01	0.64	2396
	25	22	8.80	4.58	0.52	1647	8.72	4.53	0.52	1662	8.62	4.48	0.52	1676	8.51	4.43	0.52	1690	8.43	4.38	0.52	1698	8.33	4.33	0.52	1753	8.22	4.27	0.52	1829	8.07	4.20	0.52	1949	7.88	4.10	0.52	2038	7.66	3.98	0.52	2113	7.03	3.65	0.52	2242	5.80	3.01	0.52	2326	4.78	2.49	0.52	2413
	25	24	8.93	3.57	0.40	1667	8.84	3.54	0.40	1681	8.74	3.50	0.40	1696	8.63	3.45	0.40	1709	8.54	3.42	0.40	1718	8.45	3.38	0.40	1773	8.33	3.33	0.40	1848	8.19	3.27	0.40	1969	8.00	3.20	0.40	2057	7.76	3.10	0.40	2132	7.13	2.85	0.40	2261	5.88	2.35	0.40	2345	4.85	1.94	0.40	2432
	26	18	8.66	6.93	0.80	1622	8.57	6.86	0.80	1637	8.48	6.78	0.80	1652	8.37	6.70	0.80	1665	8.29	6.63	0.80	1674	8.20	6.56	0.80	1729	8.08	6.47	0.80	1805	7.94	6.35	0.80	1928	7.76	6.20	0.80	2017	7.53	6.02	0.80	2092	6.91	5.53	0.80	2223	5.70	4.56	0.80	2308	4.70	3.76	0.80	2396
	26	20	8.92	6.07	0.68	1647	8.84	6.01	0.68	1662	8.74	5.94	0.68	1677	8.63	5.87	0.68	1690	8.54	5.81	0.68	1698	8.45	5.75	0.68	1754	8.33	5.67	0.68	1830	8.18	5.57	0.68	1952	7.99	5.44	0.68	2041	7.76	5.28	0.68	2117	7.12	4.84	0.68	2248	5.88	4.00	0.68	2332	4.85	3.30	0.68	2420
	26	22	9.08	5.08	0.56	1664	8.99	5.03	0.56	1678	8.89	4.98	0.56	1693	8.77	4.91	0.56	1707	8.69	4.86	0.56	1715	8.59	4.81	0.56	1771	8.47	4.75	0.56	1847	8.32	4.66	0.56	1969	8.13	4.55	0.56	2058	7.89	4.42	0.56	2134	7.24	4.06	0.56	2264	5.98	3.35	0.56	2349	4.93	2.76	0.56	2437
	26	24	9.20	4.05	0.44	1683	9.11	4.01	0.44	1698	9.01	3.97	0.44	1713	8.90	3.91	0.44	1727	8.81	3.88	0.44	1735	8.71	3.83	0.44	1791	8.59	3.78	0.44	1867	8.44	3.71	0.44	1989	8.24	3.63	0.44	2078	8.00	3.52	0.44	2154	7.35	3.23	0.44	2284	6.06	2.67	0.44	2369	5.00	2.20	0.44	2457
	26	26	9.35	2.99	0.32	1706	9.26	2.96	0.32	1721	9.16	2.93	0.32	1736	9.04	2.89	0.32	1749	8.95	2.86	0.32	1758	8.85	2.83	0.32	1813	8.73	2.79	0.32	1890	8.58	2.74	0.32	2012	8.37	2.68	0.32	2101	8.13	2.60	0.32	2177	7.46	2.39	0.32	2307	6.16	1.97	0.32	2392	5.08	1.63	0.32	2480
	27	18	8.84	7.42	0.84	1638	8.75	7.35	0.84	1653	8.65	7.27	0.84	1668	8.54	7.17	0.84	1682	8.46	7.10	0.84	1691	8.36	7.03	0.84	1747	8.25	6.93	0.84	1824	8.10	6.81	0.84	1947	7.91	6.65	0.84	2037	7.68	6.45	0.84	2114	7.05	5.92	0.84	2245	5.82	4.89	0.84	2331	4.80	4.03	0.84	2420
	27	19	9.02	7.03	0.78	1648	8.93	6.96	0.78	1663	8.83	6.89	0.78	1678	8.72	6.80	0.78	1692	8.63	6.73	0.78	1701	8.54	6.66	0.78	1757	8.42	6.57	0.78	1834	8.27	6.45	0.78	1957	8.08	6.30	0.78	2047	7.84	6.12	0.78	2124	7.20	5.61	0.78	2255	5.94	4.63	0.78	2341	4.90	3.82	0.78	2430
	27	20	9.11	6.56	0.72	1663	9.02	6.49	0.72	1678	8.92	6.42	0.72	1693	8.80	6.34	0.72	1707	8.72	6.28	0.72	1716	8.62	6.21	0.72	1772	8.50	6.12	0.72	1849	8.35	6.01	0.72	1972	8.16	5.87	0.72	2062	7.92	5.70	0.72	2139	7.27	5.23	0.72	2270	6.00	4.32	0.72	2356	4.95	3.56	0.72	2445
	27	22	9.26	5.56	0.60	1680	9.17	5.50	0.60	1695	9.07	5.44	0.60	1710	8.95	5.37	0.60	1724	8.86	5.32	0.60	1733	8.77	5.26	0.60	1789	8.65	5.19	0.60	1866	8.49	5.10	0.60	1989	8.29	4.98	0.60	2079	8.05	4.83	0.60	2156	7.39	4.44	0.60	2287	6.10	3.66	0.60	2373	5.03	3.02	0.60	2462
	27	24	9.39	4.51	0.48	1700	9.30	4.46	0.48	1715	9.20	4.41	0.48	1730	9.08	4.36	0.48	1744	8.99	4.31	0.48	1753	8.89	4.27	0.48	1809	8.77	4.21	0.48	1886	8.61	4.13	0.48	2009	8.41	4.04	0.48	2099	8.17	3.92	0.48	2176	7.50	3.60	0.48	2307	6.18	2.97	0.48	2393	5.10	2.45	0.48	2482
	27	26	9.54	3.43	0.36	1723	9.45	3.40	0.36	1738	9.34	3.36	0.36	1753	9.22	3.32	0.36	1767	9.13	3.29	0.36	1776	9.03	3.25	0.36	1832	8.91	3.21	0.36	1909	8.75	3.15	0.36	2032	8.55	3.08	0.36	2122	8.30	2.99	0.36	2199	7.62	2.74	0.36	2330	6.28	2.26	0.36	2416	5.18	1.87	0.36	2505
	28	18	8.92	7.85	0.88	1655	8.84	7.78	0.88	1670	8.74	7.69	0.88	1685	8.63	7.59	0.88	1699	8.54	7.52	0.88	1707	8.45	7.43	0.88	1764	8.33	7.33	0.88	1842	8.18	7.20	0.88	1967	7.99	7.03	0.88	2057	7.76	6.83	0.88	2135	7.12	6.27	0.88	2268	5.88	5.17	0.88	2354	4.85	4.27	0.88	2444
	28	20	9.11	6.92	0.76	1680	9.02	6.85	0.76	1695	8.92	6.78	0.76	1710	8.80	6.69	0.76	1724	8.72	6.62	0.76	1733	8.62	6.55	0.76	1789	8.50	6.46	0.76	1867	8.35	6.35	0.76	1992	8.16	6.20	0.76	2083	7.92	6.02	0.76	2160	7.27	5.52	0.76	2293	6.00	4.56	0.76	2379	4.95	3.76	0.76	2469
	28	22	9.20	5.89	0.64	1697	9.11	5.83	0.64	1712	9.01	5.76	0.64	1728	8.89	5.69	0.64	1741	8.80	5.63	0.64	1750	8.71	5.57	0.64	1807	8.59	5.50	0.64	1884	8.44	5.40	0.64	2009	8.24	5.27	0.64	2100	8.00	5.12	0.64	2177	7.34	4.70	0.64	2310	6.06	3.88	0.64	2397	5.00	3.20	0.64	2486
	28	24	9.35	4.86	0.52	1717	9.26	4.82	0.52	1733	9.16	4.76	0.52	1748	9.04	4.70	0.52	1761	8.95	4.66	0.52	1770	8.86	4.60	0.52	1827	8.73	4.54	0.52	1905	8.58	4.46	0.52	2029	8.38	4.36	0.52	2120	8.13	4.23	0.52	2197	7.47	3.88	0.52	2330	6.16	3.20	0.52	2417	5.08	2.64	0.52	2507
	28	26	9.48	3.79	0.40	1741	9.39	3.76	0.40	1756	9.29	3.72	0.40	1771	9.17	3.67	0.40	1785	9.08	3.63	0.40	1793	8.98	3.59	0.40	1850	8.86	3.54	0.40	1928	8.70	3.48	0.40	2052	8.49	3.40	0.40	2143	8.25	3.30	0.40	2221	7.57	3.03	0.40	2354	6.25	2.50	0.40	2440	5.15	2.06	0.40	2530
	29	18	9.01	8.11	0.90	1671	8.92	8.03	0.90	1687	8.83	7.94	0.90	1702	8.71	7.84	0.90	1716	8.63	7.76	0.90	1724	8.53	7.68	0.90	1782	8.42	7.57	0.90	1860	8.27	7.44	0.90	1986	8.07	7.27	0.90	2078	7.84	7.05	0.90	2156	7.19	6.48	0.90	2290	5.94	5.34	0.90	2378	4.90	4.41	0.90	2469
	29	20	9.20	7.36	0.80	1697	9.11	7.28	0.80	1712	9.01	7.21	0.80	1728	8.89	7.11	0.80	1741	8.80	7.04	0.80	1750	8.71	6.97	0.80	1807	8.59	6.87	0.80	1886	8.44	6.75	0.80	2012	8.24	6.59	0.80	2104	8.00	6.40	0.80	2182	7.34	5.87	0.80	2316	6.06	4.85	0.80	2403	5.00	4.00	0.80	2494
	29	22	9.38	6.38	0.68	1714	9.29	6.32	0.68	1729	9.19	6.25	0.68	1745	9.07	6.17	0.68	1759	8.98	6.11	0.68	1767	8.88	6.04	0.68	1825	8.76	5.96	0.68	1903	8.60	5.85	0.68	2029	8.40	5.71	0.68	2121	8.16	5.55	0.68	2199	7.49	5.09	0.68	2333	6.18	4.20	0.68	2421	5.10	3.47	0.68	2511
	29	24	9.45	5.29	0.56	1735	9.35	5.24	0.56	1750	9.25	5.18	0.56	1765	9.13	5.11	0.56	1779	9.04	5.06	0.56	1788	8.94	5.01	0.56	1845	8.82	4.94	0.56	1924	8.66	4.85	0.56	2049	8.46	4.74	0.56	2141	8.21	4.60	0.56	2219	7.54	4.22	0.56	2354	6.22	3.48	0.56	2441	5.13	2.87	0.56	2532
	29	26	9.58	4.21	0.44	1758	9.48	4.17	0.44	1773	9.38	4.13	0.44	1789	9.26	4.07	0.44	1803	9.17	4.03	0.44	1811	9.07	3.99	0.44	1869	8.94	3.94	0.44	1947	8.79	3.87	0.44	2073	8.58	3.78	0.44	2165	8.33	3.67	0.44	2243	7.65	3.36	0.44	2377	6.31	2.78	0.44	2464	5.20	2.29	0.44	2555
	30	18	9.10	8.19	0.90	1688	9.01	8.11	0.90	1703	8.91	8.02	0.90	1719	8.80	7.92	0.90	1733	8.71	7.84	0.90	1742	8.62	7.76	0.90	1800	8.50	7.65	0.90	1879	8.35	7.51	0.90	2006	8.15	7.34	0.90	2099	7.92	7.12	0.90	2178	7.27	6.54	0.90	2313	6.00	5.40	0.90	2402	4.95	4.45	0.90	2493
	30	20	9.29	7.80	0.84	1714	9.20	7.73	0.84	1729	9.10	7.64	0.84	1745	8.98	7.54	0.84	1759	8.89	7.47	0.84	1767	8.79	7.39	0.84	1825	8.67	7.29	0.84	1905	8.52	7.16	0.84	2032	8.32	6.99	0.84	2125	8.08	6.79	0.84	2203	7.42	6.23	0.84	2339	6.12	5.14	0.84	2427	5.05	4.24	0.84	2519
	30	22	9.47	6.82	0.72	1731	9.38	6.75	0.72	1747	9.28	6.68	0.72	1762	9.16	6.59	0.72	1776	9.07	6.53	0.72	1785	8.97	6.46	0.72	1843	8.85	6.37	0.72	1922	8.69	6.26	0.72	2049	8.49	6.11	0.72	2142	8.24	5.93	0.72	2221	7.56	5.45	0.72	2357	6.24	4.49	0.72	2445	5.15	3.71	0.72	2536
	30	24	9.54	5.72	0.60	1752	9.45	5.67	0.60	1767	9.34	5.61	0.60	1783	9.22	5.53	0.60	1797	9.13	5.48	0.60	1806	9.03	5.42	0.60	1864	8.91	5.35	0.60	1943	8.75	5.25	0.60	2070	8.55	5.13	0.60	2163	8.30	4.98	0.60	2241	7.62	4.57	0.60	2377	6.28	3.77	0.60	2465	5.18	3.11	0.60	2557
	30	26	9.67	4.64	0.48	1776	9.58	4.60	0.48	1791	9.47	4.55	0.48	1807	9.35	4.49	0.48	1821	9.26	4.45	0.48	1829	9.16	4.40	0.48	1887	9.03	4.34	0.48	1967	8.87	4.26	0.48	2094	8.67	4.16	0.48	2186	8.41	4.04	0.48	2265	7.72	3.71	0.48	2401	6.37	3.06	0.48	2489	5.26	2.52	0.48	2581
	31	18	9.19	8.27	0.90	1705	9.10	8.19	0.90	1720	9.00	8.10	0.90	1736	8.89	8.00	0.90	1750	8.80	7.92	0.90	1759	8.70	7.83	0.90	1818	8.58	7.73	0.90	1898	8.43	7.59	0.90	2026	8.24	7.41	0.90	2120	8.00	7.20	0.90	2199	7.34	6.61	0.90	2336	6.06	5.45	0.90	2426	5.00	4.50	0.90	2518
	31	20	9.38	8.26	0.88	1731	9.29	8.17	0.88	1747	9.19	8.09	0.88	1762	9.07	7.98	0.88	1776	8.98	7.90	0.88	1785	8.88	7.82	0.88	1844	8.76	7.71	0.88	1924	8.60	7.57	0.88	2052	8.40	7.39	0.88	2146	8.16	7.18	0.88	2225	7.49	6.59	0.88	2362	6.18	5.44	0.88	2452	5.10	4.49	0.88	2544
	31	22	9.57	7.27	0.76	1749	9.47	7.20	0.76	1764	9.37	7.12	0.76	1780	9.25	7.03	0.76	1794	9.16	6.96	0.76	1803	9.06	6.89	0.76	1861	8.93	6.79	0.76	1941	8.78	6.67	0.76	2070	8.57	6.51	0.76	2164	8.32	6.32	0.76	2243	7.64	5.81	0.76	2380	6.30	4.79	0.76	2469	5.20	3.95	0.76	2562
	31	24	9.64	6.17	0.64	1769	9.54	6.11	0.64	1785	9.44	6.04	0.64	1801	9.32	5.96	0.64	1815	9.22	5.90	0.64	1824	9.12	5.84	0.64	1882	9.00	5.76	0.64	1962	8.84	5.66	0.64	2091	8.63	5.52	0.64	2184	8.38	5.36	0.64	2264	7.69	4.92	0.64	2401	6.35	4.06	0.64	2490	5.24	3.35	0.64	2583
	31	26	9.77	5.08	0.52	1793	9.67	5.03	0.52	1809	9.57	4.98	0.52	1825	9.45	4.91	0.52	1839	9.35	4.86	0.52	1848	9.25	4.81	0.52	1906	9.12	4.74	0.52	1986	8.96	4.66	0.52	2115	8.75	4.55	0.52	2208	8.50	4.42	0.52	2288	7.80	4.06	0.52	2425	6.44	3.35	0.52	2514	5.31	2.76	0.52	2607
	32	18	9.29	8.36	0.90	1722	9.19	8.27	0.90	1738	9.09	8.18	0.90	1754	8.98	8.08	0.90	1768	8.89	8.00	0.90	1777	8.79	7.91	0.90	1836	8.67	7.80	0.90	1917	8.52	7.67	0.90	2046	8.32	7.49	0.90	2141	8.08	7.27	0.90	2221	7.41	6.67	0.90	2360	6.12	5.50	0.90	2450	5.05	4.54	0.90	2543
	32	20	9.48	8.53	0.90	1748	9.38	8.44	0.90	1764	9.28	8.35	0.90	1780	9.16	8.24	0.90	1794	9.07	8.16	0.90	1803	8.97	8.07	0.90	1862	8.85	7.96	0.90	1943	8.69	7.82	0.90	2073	8.49	7.64	0.90	2167	8.24	7.42	0.90	2248	7.56	6.81	0.90	2386	6.24	5.62	0.90	2476	5.15	4.63	0.90	2570
	32	22	9.66	7.73	0.80	1766	9.57	7.66	0.80	1782	9.47	7.57	0.80	1798	9.34	7.47	0.80	1812	9.25	7.40	0.80	1821	9.15	7.32	0.80	1880	9.02	7.22	0.80	1961	8.86	7.09	0.80	2090	8.66	6.93	0.80	2185	8.40	6.72	0.80	2266	7.72	6.17	0.80	2404	6.37	5.09	0.80	2494	5.25	4.20	0.80	2587
	32	24	9.73	6.62	0.68	1787	9.64	6.55	0.68	1803	9.53	6.48	0.68	1819	9.41	6.40	0.68	1833	9.32	6.34	0.68	1842	9.21	6.27	0.68	1901	9.09	6.18	0.68	1982	8.93	6.07	0.68	2112	8.72	5.93	0.68	2206	8.46	5.76	0.68	2287	7.77	5.28	0.68	2425	6.41	4.36	0.68	2515	5.29	3.60	0.68	2608
	32	26	9.87	5.53	0.56	1811	9.77	5.47	0.56	1827	9.67	5.41	0.56	1843	9.54	5.34	0.56	1857	9.45	5.29	0.56	1866	9.34	5.23	0.56	1925	9.21	5.16	0.56	2006	9.05	5.07	0.56	2136	8.84	4.95	0.56	2230	8.58	4.81	0.56	2311	7.88	4.41	0.56	2449	6.50	3.64	0.56	2539	5.36	3.00	0.56	2633

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

Cooling Operation PERFORMANCE DATA

COMBINATION (%)	IDDB (°C)	ID WB (°C)	OUTDOOR DB (°C) -15				-7				0				10				15				21				25				27				30				35				40				45				50			
			Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT	Q	SHC	SHF	IPT
80%	21	18	7.36	4.41	0.60	1527	7.28	4.37	0.60	1541	7.21	4.32	0.60	1555	7.11	4.27	0.60	1567	7.04	4.23	0.60	1575	6.97	4.18	0.60	1628	6.87	4.12	0.60	1700	6.75	4.05	0.60	1814	6.59	3.95	0.60	1898	6.40	3.84	0.60	1970	5.87	3.52	0.60	2092	4.85	2.91	0.60	2172	4.00	2.40	0.60	2255
	21	20	7.66	3.68	0.48	1550	7.58	3.64	0.48	1564	7.50	3.60	0.48	1578	7.41	3.55	0.48	1591	7.33	3.52	0.48	1599	7.25	3.48	0.48	1651	7.15	3.43	0.48	1723	7.03	3.37	0.48	1838	6.86	3.29	0.48	1922	6.66	3.20	0.48	1993	6.12	2.94	0.48	2116	5.05	2.42	0.48	2196	4.16	2.00	0.48	2279
	22	18	7.58	4.85	0.64	1542	7.51	4.81	0.64	1556	7.43	4.75	0.64	1571	7.33	4.69	0.64	1583	7.26	4.65	0.64	1591	7.18	4.60	0.64	1644	7.08	4.53	0.64	1717	6.96	4.45	0.64	1833	6.79	4.35	0.64	1918	6.60	4.22	0.64	1990	6.05	3.88	0.64	2114	5.00	3.20	0.64	2194	4.12	2.64	0.64	2278
	22	20	7.82	4.06	0.52	1566	7.74	4.02	0.52	1580	7.66	3.98	0.52	1594	7.56	3.93	0.52	1607	7.48	3.89	0.52	1615	7.40	3.85	0.52	1668	7.30	3.80	0.52	1741	7.17	3.73	0.52	1857	7.00	3.64	0.52	1941	6.80	3.53	0.52	2013	6.24	3.24	0.52	2137	5.15	2.68	0.52	2218	4.25	2.21	0.52	2302
	22	22	7.95	3.18	0.40	1582	7.87	3.15	0.40	1596	7.79	3.11	0.40	1611	7.69	3.07	0.40	1623	7.61	3.04	0.40	1631	7.53	3.01	0.40	1684	7.42	2.97	0.40	1757	7.29	2.92	0.40	1873	7.12	2.85	0.40	1958	6.91	2.77	0.40	2030	6.35	2.54	0.40	2153	5.24	2.09	0.40	2234	4.32	1.73	0.40	2318
	23	18	7.74	5.26	0.68	1558	7.66	5.21	0.68	1572	7.58	5.15	0.68	1586	7.48	5.09	0.68	1599	7.41	5.04	0.68	1607	7.33	4.98	0.68	1661	7.23	4.91	0.68	1734	7.10	4.83	0.68	1851	6.93	4.71	0.68	1937	6.73	4.58	0.68	2010	6.18	4.20	0.68	2135	5.10	3.47	0.68	2216	4.21	2.86	0.68	2301
	23	20	7.98	4.47	0.56	1582	7.90	4.42	0.56	1596	7.81	4.37	0.56	1610	7.71	4.32	0.56	1623	7.63	4.28	0.56	1631	7.55	4.23	0.56	1685	7.45	4.17	0.56	1758	7.32	4.10	0.56	1875	7.14	4.00	0.56	1961	6.94	3.88	0.56	2034	6.37	3.57	0.56	2159	5.25	2.94	0.56	2240	4.33	2.43	0.56	2325
	23	22	8.11	3.57	0.44	1598	8.03	3.53	0.44	1612	7.94	3.50	0.44	1627	7.84	3.45	0.44	1640	7.76	3.42	0.44	1648	7.68	3.38	0.44	1701	7.57	3.33	0.44	1774	7.44	3.27	0.44	1892	7.27	3.20	0.44	1977	7.05	3.10	0.44	2050	6.48	2.85	0.44	2175	5.34	2.35	0.44	2257	4.41	1.94	0.44	2341
	24	18	7.90	5.69	0.72	1574	7.82	5.63	0.72	1588	7.73	5.57	0.72	1602	7.63	5.50	0.72	1615	7.56	5.44	0.72	1624	7.48	5.38	0.72	1678	7.37	5.31	0.72	1752	7.24	5.22	0.72	1870	7.07	5.09	0.72	1957	6.87	4.94	0.72	2030	6.30	4.54	0.72	2156	5.20	3.74	0.72	2239	4.29	3.09	0.72	2324
	24	20	8.14	4.88	0.60	1598	8.06	4.84	0.60	1612	7.97	4.78	0.60	1627	7.87	4.72	0.60	1640	7.79	4.67	0.60	1648	7.71	4.62	0.60	1702	7.60	4.56	0.60	1776	7.47	4.48	0.60	1894	7.29	4.37	0.60	1981	7.08	4.25	0.60	2054	6.50	3.90	0.60	2181	5.36	3.22	0.60	2263	4.42	2.65	0.60	2348
	24	22	8.28	3.97	0.48	1614	8.20	3.93	0.48	1629	8.11	3.89	0.48	1643	8.00	3.84	0.48	1656	7.92	3.80	0.48	1664	7.84	3.76	0.48	1718	7.73	3.71	0.48	1792	7.59	3.64	0.48	1911	7.41	3.56	0.48	1997	7.20	3.46	0.48	2071	6.61	3.17	0.48	2197	5.45	2.62	0.48	2279	4.50	2.16	0.48	2365
	24	24	8.39	3.02	0.36	1634	8.31	2.99	0.36	1648	8.22	2.96	0.36	1663	8.11	2.92	0.36	1676	8.03	2.89	0.36	1684	7.95	2.86	0.36	1738	7.84	2.82	0.36	1812	7.70	2.77	0.36	1930	7.52	2.71	0.36	2017	7.30	2.63	0.36	2090	6.70	2.41	0.36	2217	5.53	1.99	0.36	2299	4.56	1.64	0.36	2384
	25	18	8.14	6.19	0.76	1589	8.06	6.13	0.76	1604	7.97	6.06	0.76	1619	7.87	5.98	0.76	1632	7.79	5.92	0.76	1640	7.71	5.86	0.76	1695	7.60	5.78	0.76	1769	7.47	5.68	0.76	1889	7.29	5.54	0.76	1976	7.08	5.38	0.76	2050	6.50	4.94	0.76	2178	5.36	4.08	0.76	2261	4.42	3.36	0.76	2348
	25	20	8.39	5.37	0.64	1614	8.31	5.32	0.64	1628	8.22	5.26	0.64	1643	8.11	5.19	0.64	1656	8.03	5.14	0.64	1665	7.94	5.08	0.64	1719	7.83	5.01	0.64	1794	7.70	4.93	0.64	1913	7.52	4.81	0.64	2001	7.30	4.67	0.64	2075	6.70	4.29	0.64	2203	5.53	3.54	0.64	2286	4.56	2.92	0.64	2372
	25	22	8.53	4.44	0.52	1631	8.45	4.39	0.52	1645	8.36	4.35	0.52	1660	8.25	4.29	0.52	1673	8.17	4.25	0.52	1681	8.08	4.20	0.52	1736	7.97	4.14	0.52	1810	7.83	4.07	0.52	1930	7.64	3.97	0.52	2017	7.42	3.86	0.52	2092	6.81	3.54	0.52	2219	5.62	2.92	0.52	2303	4.64	2.41	0.52	2389
	25	24	8.65	3.46	0.40	1650	8.57	3.43	0.40	1665	8.47	3.39	0.40	1679	8.37	3.35	0.40	1693	8.28	3.31	0.40	1701	8.19	3.28	0.40	1755	8.08	3.23	0.40	1830	7.94	3.17	0.40	1950	7.75	3.10	0.40	2037	7.52	3.01	0.40	2111	6.91	2.76	0.40	2239	5.70	2.28	0.40	2322	4.70	1.88	0.40	2408
	26	18	8.39	6.71	0.80	1606	8.31	6.65	0.80	1620	8.22	6.58	0.80	1635	8.11	6.49	0.80	1648	8.03	6.43	0.80	1657	7.95	6.36	0.80	1712	7.84	6.27	0.80	1787	7.70	6.16	0.80	1908	7.52	6.01	0.80	1996	7.30	5.84	0.80	2071	6.70	5.36	0.80	2200	5.53	4.42	0.80	2284	4.56	3.65	0.80	2371
	26	20	8.65	5.88	0.68	1630	8.56	5.82	0.68	1645	8.47	5.76	0.68	1660	8.36	5.69	0.68	1673	8.28	5.63	0.68	1681	8.19	5.57	0.68	1736	8.08	5.49	0.68	1812	7.93	5.40	0.68	1933	7.75	5.27	0.68	2021	7.52	5.12	0.68	2096	6.91	4.70	0.68	2225	5.70	3.87	0.68	2309	4.70	3.20	0.68	2396
	26	22	8.80	4.93	0.56	1647	8.71	4.88	0.56	1662	8.62	4.82	0.56	1677	8.51	4.76	0.56	1690	8.42	4.72	0.56	1698	8.33	4.66	0.56	1753	8.21	4.60	0.56	1829	8.07	4.52	0.56	1950	7.88	4.41	0.56	2038	7.65	4.28	0.56	2113	7.02	3.93	0.56	2242	5.79	3.24	0.56	2326	4.78	2.68	0.56	2413
	26	24	8.92	3.93	0.44	1667	8.83	3.89	0.44	1682	8.74	3.84	0.44	1696	8.62	3.79	0.44	1710	8.54	3.76	0.44	1718	8.45	3.72	0.44	1773	8.33	3.66	0.44	1849	8.18	3.60	0.44	1969	7.99	3.52	0.44	2058	7.76	3.41	0.44	2133	7.12	3.13	0.44	2262	5.88	2.59	0.44	2346	4.85	2.13	0.44	2433
	26	26	9.06	2.90	0.32	1690	8.97	2.87	0.32	1704	8.88	2.84	0.32	1719	8.76	2.80	0.32	1732	8.68	2.78	0.32	1741	8.58	2.75	0.32	1796	8.46	2.71	0.32	1871	8.31	2.66	0.32	1992	8.12	2.60	0.32	2080	7.88	2.52	0.32	2155	7.24	2.32	0.32	2284	5.97	1.91	0.32	2368	4.92	1.58	0.32	2456
	27	18	8.56	7.19	0.84	1622	8.48	7.12	0.84	1637	8.39	7.05	0.84	1652	8.28	6.96	0.84	1665	8.20	6.89	0.84	1673	8.11	6.81	0.84	1729	8.00	6.72	0.84	1805	7.86	6.60	0.84	1927	7.67	6.44	0.84	2016	7.45	6.26	0.84	2092	6.84	5.74	0.84	2222	5.64	4.74	0.84	2307	4.65	3.91	0.84	2395
	27	19	8.74	6.82	0.78	1632	8.65	6.75	0.78	1647	8.56	6.68	0.78	1662	8.45	6.59	0.78	1675	8.37	6.53	0.78	1683	8.27	6.45	0.78	1739	8.16	6.36	0.78	1815	8.02	6.25	0.78	1937	7.83	6.11	0.78	2026	7.60	5.93	0.78	2102	6.98	5.44	0.78	2232	5.76	4.49	0.78	2317	4.75	3.70	0.78	2405
	27	20	8.83	6.36	0.72	1647	8.74	6.29	0.72	1662	8.64	6.22	0.72	1677	8.53	6.14	0.72	1690	8.45	6.08	0.72	1698	8.36	6.02	0.72	1754	8.24	5.93	0.72	1830	8.10	5.83	0.72	1952	7.91	5.69	0.72	2041	7.68	5.53	0.72	2117	7.05	5.07	0.72	2247	5.81	4.19	0.72	2332	4.80	3.45	0.72	2420
	27	22	8.98	5.39	0.60	1664	8.89	5.33	0.60	1679	8.79	5.27	0.60	1694	8.68	5.21	0.60	1707	8.59	5.16	0.60	1715	8.50	5.10	0.60	1771	8.38	5.03	0.60	1847	8.23	4.94	0.60	1969	8.04	4.82	0.60	2058	7.81	4.68	0.60	2134	7.17	4.30	0.60	2264	5.91	3.55	0.60	2349	4.88	2.93	0.60	2437
	27	24	9.10	4.37	0.48	1684	9.01	4.33	0.48	1699	8.91	4.28	0.48	1714	8.80	4.22	0.48	1727	8.71	4.18	0.48	1735	8.62	4.14	0.48	1791	8.50	4.08	0.48	1867	8.35	4.01	0.48	1989	8.15	3.91	0.48	2078	7.92	3.80	0.48	2154	7.27	3.49	0.48	2284	6.00	2.88	0.48	2369	4.95	2.37	0.48	2457
	27	26	9.25	3.33	0.36	1707	9.16	3.30	0.36	1722	9.06	3.26	0.36	1737	8.94	3.22	0.36	1750	8.85	3.19	0.36	1758	8.76	3.15	0.36	1814	8.64	3.11	0.36	1890	8.48	3.05	0.36	2012	8.28	2.98	0.36	2101	8.04	2.90	0.36	2177	7.38	2.66	0.36	2307	6.09	2.19	0.36	2392	5.03	1.81	0.36	2480
	28	18	8.65	7.61	0.88	1638	8.56	7.54	0.88	1653	8.47	7.46	0.88	1668	8.36	7.36	0.88	1682	8.28	7.29	0.88	1690	8.19	7.21	0.88	1746	8.08	7.11	0.88	1823	7.93	6.98	0.88	1947	7.75	6.82	0.88	2037	7.52	6.62	0.88	2113	6.91	6.08	0.88	2245	5.70	5.01	0.88	2330	4.70	4.14	0.88	2419
	28	20	8.83	6.71	0.76	1663	8.74	6.64	0.76	1678	8.64	6.57	0.76	1693	8.53	6.49	0.76	1707	8.45	6.42	0.76	1715	8.36	6.35	0.76	1772	8.24	6.26	0.76	1849	8.10	6.15	0.76	1972	7.91	6.01	0.76	2062	7.68	5.83	0.76	2138	7.05	5.36	0.76	2270	5.81	4.42	0.76	2356	4.80	3.65	0.76	2445
	28	22	8.92	5.71	0.64	1680	8.83	5.65	0.64	1695	8.73	5.59	0.64	1710	8.62	5.52	0.64	1724	8.53	5.46	0.64	1732	8.44	5.40	0.64	1789	8.32	5.33	0.64	1866	8.18	5.23	0.64	1989	7.99	5.11	0.64	2079	7.75	4.96	0.64	2155	7.12	4.55	0.64	2287	5.87	3.76	0.64	2373	4.84	3.10	0.64	2462
	28	24	9.07	4.71	0.52	1701	8.98	4.67	0.52	1716	8.88	4.62	0.52	1731	8.77	4.56	0.52	1744	8.68	4.51	0.52	1753	8.58	4.46	0.52	1809	8.47	4.40	0.52	1886	8.32	4.32	0.52	2009	8.12	4.22	0.52	2099	7.88	4.10	0.52	2176	7.24	3.76	0.52	2307	5.97	3.11	0.52	2393	4.93	2.56	0.52	2482
	28	26	9.19	3.68	0.40	1724	9.10	3.64	0.40	1739	9.00	3.60	0.40	1754	8.89	3.56	0.40	1767	8.80	3.52	0.40	1776	8.70	3.48	0.40	1832	8.58	3.43	0.40	1909	8.43	3.37	0.40	2032	8.23	3.29	0.40	2122	7.99	3.20	0.40	2199	7.34	2.94	0.40	2331	6.05	2.42	0.40	2416	5.00	2.00	0.40	2505
	29	18	8.74	7.86	0.90	1654	8.65	7.79	0.90	1669	8.56	7.70	0.90	1685	8.45	7.60	0.90	1698	8.36	7.53	0.90	1707	8.27	7.44	0.90	1764	8.16	7.34	0.90	1841	8.01	7.21	0.90	1966	7.83	7.04	0.90	2057	7.60	6.84	0.90	2134	6.97	6.28	0.90	2267	5.75	5.18	0.90	2354	4.75	4.27	0.90	2443
	29	20	8.92	7.13	0.80	1680	8.83	7.06	0.80	1695	8.73	6.98	0.80	1710	8.62	6.90	0.80	1724	8.53	6.83	0.80	1732	8.44	6.75	0.80	1789	8.32	6.66	0.80	1867	8.18	6.54	0.80	1992	7.99	6.39	0.80	2082	7.75	6.20	0.80	2160	7.12	5.69	0.80	2293	5.87	4.70	0.80	2379	4.84	3.88	0.80	2469
	29	22	9.09	6.18	0.68	1697	9.00	6.12	0.68	1712	8.91	6.06	0.68	1728	8.79	5.98	0.68	1741	8.70	5.92	0.68	1750	8.61	5.85	0.68	1807	8.49	5.77	0.68	1884	8.34	5.67	0.68	2009	8.15	5.54	0.68	2100	7.91	5.38	0.68	2177	7.26	4.94	0.68	2310	5.99	4.07	0.68	2396	4.94	3.36	0.68	2486
	29	24	9.16	5.13	0.56	1718	9.07	5.08	0.56	1733	8.97	5.02	0.56	1748	8.85	4.96	0.56	1762	8.77	4.91	0.56	1770	8.67	4.86	0.56	1827	8.55	4.79	0.56	1905	8.40	4.70	0.56	2029	8.20	4.59	0.56	2120	7.96	4.46	0.56	2197	7.31	4.09	0.56	2330	6.03	3.38	0.56	2417	4.98	2.79	0.56	2507
	29	26	9.29	4.09	0.44	1741	9.19	4.05	0.44	1756	9.09	4.00	0.44	1771	8.98	3.95	0.44	1785	8.89	3.91	0.44	1794	8.79	3.87	0.44	1850	8.67	3.81	0.44	1928	8.52	3.75	0.44	2053	8.32	3.66	0.44	2144	8.07	3.55	0.44	2221	7.41	3.26	0.44	2354	6.12	2.69	0.44	2440	5.05	2.22	0.44	2530
	30	18	8.82	7.94	0.90	1671	8.74	7.86	0.90	1686	8.64	7.78	0.90	1702	8.53	7.68	0.90	1715	8.45	7.60	0.90	1724	8.35	7.52	0.90	1781	8.24	7.42	0.90	1860	8.09	7.28	0.90	1986	7.90	7.11	0.90	2078	7.67	6.91	0.90	2155	7.04	6.34	0.90	2290	5.81	5.23	0.90	2377	4.79	4.32	0.90	2468
	30	20	9.00	7.56	0.84	1697	8.92	7.49	0.84	1712	8.82	7.41	0.84	1727	8.71	7.31	0.84	1741	8.62	7.24	0.84	1750	8.53	7.16	0.84	1807	8.41	7.06	0.84	1886	8.26	6.94	0.84	2011	8.07	6.77	0.84	2103	7.83	6.58	0.84	2181	7.19	6.04	0.84	2316	5.93	4.98	0.84	2403	4.89	4.11	0.84	2494
	30	22	9.18	6.61	0.72	1714	9.09	6.55	0.72	1729	8.99	6.48	0.72	1745	8.88	6.39	0.72	1759	8.79	6.33	0.72	1767	8.70	6.26	0.72	1825	8.58	6.17	0.72	1903	8.42	6.07	0.72	2029	8.23	5.92	0.72	2121	7.99	5.75	0.72	2199	7.33	5.28	0.72	2333	6.05	4.36	0.72	2420	4.99	3.59	0.72	2511
	30	24	9.25	5.55	0.60	1735	9.16	5.49	0.60	1750	9.06	5.43	0.60	1765	8.94	5.36	0.60	1779	8.85	5.31	0.60	1788	8.76	5.25	0.60	1845	8.64	5.18	0.60	1924	8.48	5.09	0.60	2050	8.28	4.97	0.60	2141	8.04	4.83	0.60	2219	7.38	4.43	0.60	2354	6.09	3.65	0.60	2441	5.03	3.02	0.60	2532
	30	26	9.38	4.50	0.48	1758	9.29	4.46	0.48	1774	9.18	4.41	0.48	1789	9.07	4.35	0.48	1803	8.98	4.31	0.48	1812	8.88	4.26	0.48	1869	8.76	4.20	0.48	1947	8.60	4.13	0.48	2073	8.40	4.03	0.48	2165	8.16	3.91	0.48	2243	7.49	3.59	0.48	2377	6.18	2.96	0.48	2465	5.10	2.45	0.48	2555
	31	18	8.91	8.02	0.90	1688	8.82	7.94	0.90	1703	8.73	7.86	0.90	1719	8.62	7.75	0.90	1733	8.53	7.68	0.90	1741	8.44	7.59	0.90	1799	8.32	7.49	0.90	1879	8.17	7.36	0.90	2006	7.98	7.18	0.90	2098	7.75	6.98	0.90	2177	7.11	6.40	0.90	2313	5.87	5.28	0.90	2401	4.84	4.36	0.90	2493
	31	20	9.09	8.00	0.88	1714	9.00	7.92	0.88	1729	8.91	7.84	0.88	1745	8.79	7.74	0.88	1759	8.71	7.66	0.88	1767	8.61	7.58	0.88	1825	8.49	7.47	0.88	1905	8.34	7.34	0.88	2032	8.15	7.17	0.88	2124	7.91	6.96	0.88	2203	7.26	6.39	0.88	2339	5.99	5.27	0.88	2427	4.94	4.35	0.88	2519
	31	22	9.28	7.05	0.76	1731	9.18	6.98	0.76	1747	9.08	6.90	0.76	1762	8.97	6.82	0.76	1776	8.88	6.75	0.76	1785	8.78	6.67	0.76	1843	8.66	6.58	0.76	1922	8.51	6.47	0.76	2049	8.31	6.31	0.76	2142	8.07	6.13	0.76	2221	7.41	5.63	0.76	2356	6.11	4.64	0.76	2445	5.04	3.83	0.76	2536
	31	24	9.34	5.98	0.64	1752	9.25	5.92	0.64	1768	9.15	5.85	0.64	1783	9.03	5.78	0.64	1797	8.94	5.72	0.64	1806	8.84	5.66	0.64	1864	8.72	5.58	0.64	1943	8.57	5.48	0.64	2070	8.37	5.35	0.64	2163	8.12	5.20	0.64	2242	7.46	4.77	0.64	2377	6.15	3.94	0.64	2465	5.08	3.25	0.64	2557
	31	26	9.47	4.93	0.52	1776	9.38	4.88	0.52	1791	9.28	4.82	0.52	1807	9.16	4.76	0.52	1821	9.07	4.71	0.52	1830	8.97	4.66	0.52	1888	8.84	4.60	0.52	1967	8.69	4.52	0.52	2094	8.48	4.41	0.52	2187	8.24	4.28	0.52	2265	7.56	3.93	0.52	2401	6.24	3.24	0.52	2489	5.15	2.68	0.52	2581
	32	18	9.00	8.10	0.90	1704	8.91	8.02	0.90	1720	8.82	7.93	0.90	1736	8.70	7.83	0.90	1750	8.62	7.75	0.90	1759	8.52	7.67	0.90	1817	8.40	7.56	0.90	1897	8.26	7.43	0.90	2026	8.06	7.26	0.90	2119	7.83	7.05	0.90	2199	7.19	6.47	0.90	2336	5.93	5.34	0.90	2425	4.89	4.40	0.90	2518
	32	20	9.19	8.27	0.90	1731	9.09	8.19	0.90	1746	9.00	8.10	0.90	1762	8.88	7.99	0.90	1776	8.79	7.91	0.90	1785	8.70	7.83	0.90	1843	8.58	7.72	0.90	1924	8.42	7.58	0.90	2052	8.23	7.40	0.90	2146	7.99	7.19	0.90	2225	7.33	6.60	0.90	2362	6.05	5.44	0.90	2451	4.99	4.49	0.90	2544
	32	22	9.37	7.50	0.80	1749	9.28	7.42	0.80	1764	9.18	7.34	0.80	1780	9.06	7.25	0.80	1794	8.97	7.17	0.80	1803	8.87	7.10	0.80	1861	8.75	7.00	0.80	1941	8.59	6.87	0.80	2070	8.39	6.71	0.80	2163	8.15	6.52	0.80	2243	7.48	5.98	0.80	2380	6.17	4.94	0.80	2469	5.09	4.07	0.80	2562
	32	24	9.43	6.42	0.68	1770	9.34	6.35	0.68	1785	9.24	6.28	0.68	1801	9.12	6.20	0.68	1815	9.03	6.14	0.68	1824	8.93	6.07	0.68	1882	8.81	5.99	0.68	1962	8.65	5.88	0.68	2091	8.45	5.75	0.68	2184	8.20	5.58	0.68	2264	7.53	5.12	0.68	2401	6.21	4.23	0.68	2490	5.13	3.49	0.68	2583
	32	26	9.57	5.36	0.56	1794	9.47	5.30	0.56	1809	9.37	5.25	0.56	1825	9.25	5.18	0.56	1839	9.16	5.13	0.56	1848	9.06	5.07	0.56	1907	8.93	5.00	0.56	1987	8.77	4.91	0.56	2115	8.57	4.80	0.56	2209	8.32	4.66	0.56	2288	7.64	4.28	0.56	2425	6.30	3.53	0.56	2514	5.20	2.91	0.56	2607

Remarks:
Q: Total Cooling Capacity (Gross) kW
SHC: Sensible Heat Capacity (Gross)
SHF: Sensible Heat Factor
IPT: Power Input(including the compressor, evap. fan motor & cond. fan motor) W
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4. CAPACITIES AND SELECTION DATA

27K

HEATING PERFORMANCE DATA

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
130%	15	6.51	2054	7.65	2118	8.50	2139	9.35	2183	10.16	2298	10.97	2412	11.52	2485	11.86	2535
	16	6.43	2071	7.56	2135	8.40	2156	9.23	2200	10.04	2316	10.84	2432	11.38	2505	11.72	2555
	17	6.35	2087	7.47	2152	8.30	2174	9.12	2218	9.92	2335	10.71	2452	11.25	2525	11.58	2576
	18	6.28	2104	7.38	2169	8.21	2191	9.02	2236	9.80	2354	10.58	2471	11.11	2545	11.45	2596
	19	6.20	2121	7.30	2187	8.11	2209	8.91	2254	9.68	2373	10.46	2491	10.98	2566	11.31	2617
	20	6.14	2138	7.22	2204	8.03	2227	8.82	2272	9.59	2392	10.36	2511	10.87	2587	11.20	2638
	21	6.07	2162	7.14	2229	7.93	2251	8.72	2297	9.47	2418	10.23	2539	10.74	2615	11.07	2667
	22	5.99	2186	7.05	2253	7.84	2276	8.61	2322	9.36	2445	10.11	2567	10.61	2644	10.93	2697
	23	5.92	2210	6.97	2278	7.74	2301	8.51	2348	9.25	2472	9.99	2595	10.49	2673	10.80	2726
	24	5.85	2234	6.88	2303	7.65	2326	8.41	2374	9.14	2499	9.87	2624	10.36	2702	10.67	2756
	25	5.78	2259	6.80	2328	7.56	2352	8.30	2400	9.03	2526	9.75	2653	10.24	2732	10.54	2787
	26	5.71	2283	6.72	2354	7.47	2378	8.21	2426	8.92	2554	9.63	2682	10.11	2762	10.42	2817
	27	5.64	2308	6.64	2380	7.38	2404	8.11	2453	8.81	2582	9.52	2711	9.99	2793	10.29	2848
	28	5.58	2334	6.56	2406	7.29	2430	8.01	2480	8.71	2610	9.40	2741	9.87	2823	10.17	2880
	29	5.51	2360	6.48	2433	7.20	2457	7.91	2507	8.60	2639	9.29	2771	9.75	2854	10.05	2911
	30	5.44	2386	6.40	2459	7.11	2484	7.82	2535	8.50	2668	9.18	2802	9.64	2886	9.93	2943
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
120%	15	6.32	1956	7.43	2017	8.26	2037	9.07	2079	9.86	2188	10.65	2298	11.18	2367	11.52	2414
	16	6.24	1972	7.34	2033	8.16	2054	8.97	2096	9.75	2206	10.52	2316	11.05	2386	11.38	2433
	17	6.17	1988	7.26	2049	8.06	2070	8.86	2112	9.63	2224	10.40	2335	10.92	2405	11.25	2453
	18	6.09	2004	7.17	2066	7.97	2087	8.75	2129	9.52	2242	10.28	2354	10.79	2424	11.11	2473
	19	6.02	2020	7.08	2083	7.87	2104	8.65	2147	9.40	2260	10.15	2373	10.66	2444	10.98	2493
	20	5.96	2036	7.01	2099	7.79	2121	8.56	2164	9.31	2278	10.05	2392	10.56	2463	10.87	2513
	21	5.89	2059	6.93	2123	7.70	2144	8.46	2188	9.20	2303	9.93	2418	10.43	2491	10.74	2540
	22	5.82	2082	6.85	2146	7.61	2168	8.36	2212	9.09	2328	9.81	2445	10.31	2518	10.61	2568
	23	5.75	2104	6.76	2170	7.52	2191	8.26	2236	8.98	2354	9.70	2472	10.18	2546	10.49	2597
	24	5.68	2128	6.68	2193	7.43	2216	8.16	2261	8.87	2380	9.58	2499	10.06	2574	10.36	2625
	25	5.61	2151	6.60	2218	7.34	2240	8.06	2286	8.76	2406	9.47	2526	9.94	2602	10.24	2654
	26	5.55	2175	6.52	2242	7.25	2265	7.97	2311	8.66	2432	9.35	2554	9.82	2631	10.11	2683
	27	5.48	2199	6.45	2267	7.16	2289	7.87	2336	8.56	2459	9.24	2582	9.70	2660	9.99	2713
	28	5.41	2223	6.37	2291	7.08	2315	7.78	2362	8.45	2486	9.13	2610	9.58	2689	9.87	2743
	29	5.35	2247	6.29	2317	6.99	2340	7.68	2388	8.35	2514	9.02	2639	9.47	2718	9.75	2773
	30	5.28	2272	6.22	2342	6.91	2366	7.59	2414	8.25	2541	8.91	2668	9.36	2748	9.64	2803
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
110%	15	6.13	1918	7.21	1977	8.02	1997	8.81	2038	9.57	2145	10.34	2253	10.86	2320	11.18	2367
	16	6.06	1933	7.13	1993	7.92	2013	8.70	2054	9.46	2163	10.22	2271	10.73	2339	11.05	2386
	17	5.99	1949	7.04	2009	7.83	2030	8.60	2071	9.35	2180	10.10	2289	10.60	2358	10.92	2405
	18	5.92	1965	6.96	2025	7.73	2046	8.50	2088	9.24	2198	9.98	2307	10.48	2377	10.79	2424
	19	5.85	1981	6.88	2042	7.64	2062	8.40	2105	9.13	2215	9.86	2326	10.35	2396	10.66	2444
	20	5.79	1997	6.81	2058	7.57	2079	8.32	2122	9.04	2233	9.76	2345	10.25	2415	10.56	2463
	21	5.72	2019	6.73	2081	7.48	2102	8.22	2145	8.93	2258	9.64	2371	10.13	2442	10.43	2491
	22	5.65	2041	6.65	2104	7.39	2125	8.12	2168	8.82	2283	9.53	2397	10.00	2469	10.31	2518
	23	5.58	2063	6.57	2127	7.30	2148	8.02	2192	8.72	2308	9.41	2423	9.88	2496	10.18	2546
	24	5.52	2086	6.49	2150	7.21	2172	7.92	2216	8.61	2333	9.30	2450	9.77	2523	10.06	2574
	25	5.45	2109	6.41	2174	7.12	2196	7.83	2241	8.51	2359	9.19	2477	9.65	2551	9.94	2602
	26	5.38	2132	6.33	2198	7.04	2220	7.73	2265	8.41	2385	9.08	2504	9.53	2579	9.82	2631
	27	5.32	2155	6.26	2222	6.95	2245	7.64	2290	8.31	2411	8.97	2531	9.42	2607	9.70	2660
	28	5.26	2179	6.18	2247	6.87	2269	7.55	2316	8.21	2437	8.86	2559	9.31	2636	9.58	2689
	29	5.19	2203	6.11	2271	6.79	2294	7.46	2341	8.11	2464	8.76	2587	9.19	2665	9.47	2718
	30	5.13	2227	6.04	2296	6.71	2319	7.37	2367	8.01	2491	8.65	2616	9.08	2694	9.36	2748

4. CAPACITIES AND SELECTION DATA

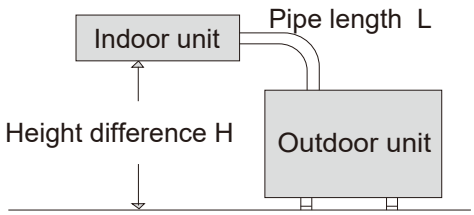
COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
100%	15	5.95	1862	7.00	1920	7.78	1939	8.55	1979	9.30	2083	10.04	2187	10.54	2253	10.86	2298
	16	5.88	1877	6.92	1935	7.69	1955	8.45	1995	9.19	2100	9.92	2205	10.42	2271	10.73	2316
	17	5.81	1892	6.84	1951	7.60	1970	8.35	2011	9.08	2117	9.80	2222	10.29	2289	10.60	2335
	18	5.74	1908	6.76	1967	7.51	1986	8.25	2027	8.97	2134	9.69	2240	10.17	2307	10.48	2354
	19	5.68	1923	6.68	1982	7.42	2002	8.15	2043	8.86	2151	9.57	2258	10.05	2326	10.35	2373
	20	5.62	1938	6.61	1998	7.35	2019	8.07	2060	8.78	2168	9.48	2277	9.95	2345	10.25	2392
	21	5.55	1960	6.53	2020	7.26	2041	7.98	2082	8.67	2192	9.36	2302	9.83	2371	10.13	2418
	22	5.49	1981	6.45	2043	7.17	2063	7.88	2105	8.57	2216	9.25	2327	9.71	2397	10.00	2445
	23	5.42	2003	6.38	2065	7.09	2086	7.79	2128	8.46	2240	9.14	2352	9.60	2423	9.88	2472
	24	5.36	2025	6.30	2088	7.00	2109	7.69	2152	8.36	2265	9.03	2378	9.48	2450	9.77	2499
	25	5.29	2047	6.22	2111	6.92	2132	7.60	2176	8.26	2290	8.92	2405	9.37	2477	9.65	2526
	26	5.23	2070	6.15	2134	6.83	2155	7.51	2199	8.16	2315	8.81	2431	9.26	2504	9.53	2554
	27	5.16	2093	6.08	2157	6.75	2179	7.42	2224	8.06	2341	8.71	2458	9.14	2531	9.42	2582
	28	5.10	2116	6.00	2181	6.67	2203	7.33	2248	7.97	2366	8.60	2485	9.03	2559	9.31	2610
	29	5.04	2139	5.93	2205	6.59	2227	7.24	2273	7.87	2392	8.50	2512	8.93	2587	9.19	2639
	30	4.98	2162	5.86	2229	6.51	2252	7.15	2298	7.78	2419	8.40	2540	8.82	2616	9.08	2668

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
90%	15	5.75	1829	6.76	1885	7.51	1904	8.25	1943	8.97	2045	9.69	2148	10.17	2212	10.48	2256
	16	5.68	1843	6.68	1900	7.42	1920	8.16	1959	8.86	2062	9.57	2165	10.05	2230	10.35	2274
	17	5.61	1858	6.60	1916	7.33	1935	8.06	1974	8.76	2078	9.46	2182	9.93	2248	10.23	2293
	18	5.54	1873	6.52	1931	7.25	1951	7.96	1990	8.66	2095	9.35	2200	9.81	2266	10.11	2311
	19	5.48	1888	6.44	1947	7.16	1966	7.87	2006	8.55	2112	9.24	2218	9.70	2284	9.99	2330
	20	5.42	1904	6.38	1962	7.09	1982	7.79	2023	8.47	2129	9.15	2236	9.60	2303	9.89	2349
	21	5.36	1924	6.30	1984	7.00	2004	7.70	2045	8.37	2153	9.04	2260	9.49	2328	9.77	2375
	22	5.29	1946	6.23	2006	6.92	2026	7.60	2067	8.27	2176	8.93	2285	9.37	2354	9.65	2401
	23	5.23	1967	6.15	2028	6.84	2048	7.51	2090	8.17	2200	8.82	2310	9.26	2379	9.54	2427
	24	5.17	1989	6.08	2050	6.76	2071	7.42	2113	8.07	2224	8.71	2336	9.15	2406	9.42	2454
	25	5.11	2011	6.01	2073	6.67	2094	7.33	2136	7.97	2249	8.61	2361	9.04	2432	9.31	2481
	26	5.04	2033	5.93	2096	6.59	2117	7.25	2160	7.88	2274	8.51	2387	8.93	2459	9.20	2508
	27	4.98	2055	5.86	2119	6.51	2140	7.16	2184	7.78	2299	8.40	2413	8.82	2486	9.09	2536
	28	4.92	2078	5.79	2142	6.44	2163	7.07	2208	7.69	2324	8.30	2440	8.72	2513	8.98	2564
	29	4.86	2100	5.72	2165	6.36	2187	6.99	2232	7.60	2349	8.20	2467	8.61	2541	8.87	2592
	30	4.81	2124	5.65	2189	6.28	2211	6.90	2256	7.50	2375	8.11	2494	8.51	2569	8.77	2620

COMBINATION (%)	INDOOR DB(℃)	OUTDOOR WB(℃)															
		-15	-10	-5	0	5	10	15	20	-15	-10	-5	0	5	10	15	20
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
80%	15	5.57	1810	6.56	1866	7.28	1885	8.01	1924	8.70	2025	9.40	2126	9.87	2190	10.16	2234
	16	5.51	1825	6.48	1881	7.20	1900	7.91	1939	8.60	2041	9.29	2143	9.75	2208	10.04	2252
	17	5.44	1840	6.40	1896	7.11	1916	7.82	1955	8.50	2058	9.18	2161	9.63	2225	9.92	2270
	18	5.38	1854	6.33	1912	7.03	1931	7.72	1971	8.40	2074	9.07	2178	9.52	2243	9.81	2288
	19	5.31	1869	6.25	1927	6.95	1947	7.63	1986	8.30	2091	8.96	2196	9.41	2261	9.69	2307
	20	5.26	1884	6.19	1943	6.88	1962	7.56	2002	8.21	2108	8.87	2213	9.31	2280	9.59	2325
	21	5.20	1905	6.11	1964	6.79	1984	7.47	2024	8.12	2131	8.76	2238	9.20	2305	9.48	2351
	22	5.14	1926	6.04	1986	6.71	2006	7.38	2047	8.02	2154	8.66	2262	9.09	2330	9.37	2377
	23	5.07	1947	5.97	2008	6.63	2028	7.29	2069	7.92	2178	8.56	2287	8.98	2356	9.25	2403
	24	5.01	1969	5.90	2030	6.55	2050	7.20	2092	7.83	2202	8.45	2312	8.88	2382	9.14	2429
	25	4.95	1990	5.83	2052	6.47	2073	7.11	2115	7.73	2226	8.35	2338	8.77	2408	9.03	2456
	26	4.89	2012	5.76	2075	6.40	2096	7.03	2138	7.64	2251	8.25	2363	8.66	2434	8.92	2483
	27	4.83	2034	5.69	2097	6.32	2119	6.94	2162	7.55	2276	8.15	2389	8.56	2461	8.82	2510
	28	4.78	2057	5.62	2120	6.24	2142	6.86	2186	7.46	2301	8.05	2416	8.46	2488	8.71	2538
	29	4.72	2079	5.55	2144	6.17	2165	6.78	2210	7.37	2326	7.96	2442	8.36	2515	8.61	2566
	30	4.66	2102	5.49	2167	6.09	2189	6.70	2234	7.28	2351	7.86	2469	8.26	2543	8.50	2594

Remarks:
Q: Total Cooling Capacity (Gross) **kW**
INPUT: Power Input (including the compressor, evap. fan motor & cond. **W**
DB: Dry Bulb Temperature
WB: Wet Bulb Temperature

4.2 Piping length correction factor



The correction factor is based on the equivalent piping length in meters (EL) and the height between outdoor and indoor units in meters (H).
H:
Height difference between indoor unit and outdoor unit (m).

• H>0: Position of outdoor unit is higher than that of the indoor unit (m).

• H<0: Position of outdoor unit is lower than that of the indoor unit (m).

L:

Actual one-way piping length between indoor unit and outdoor unit (m). EL:

Equivalent one-way piping length between indoor unit and outdoor unit (m).

Gas Diameter (mm/inch)	9.52 (3/8')	12.7 (1/2')	15.88 (5/8')	19.05 (3/4')
90°Elbow	0.15	0.2	0.25	0.35

Cooling

Series	**Model** \ **EL**	10	15	20	25	30	40	45	50	55	60
Up to 2 IDUs	**12K/14K/18K**	1.00	0.96	0.92	0.88	0.85	--	--	--	--	--
Up to 3 IDUs	**21K/24K**	1.00	1.00	0.98	0.96	0.94	0.93	0.92	0.90	--	--
Up to 4 IDUs	**24K/27K**	1.00	0.96	0.95	0.93	0.91	0.87	0.86	0.84	0.82	0.80

Heating

Series	**Model** \ **EL**	10	15	20	25	30	40	45	50	55	60
Up to 2 IDUs	**12K/14K/18K**	1.00	0.96	0.92	0.88	0.85	--	--	--	--	--
Up to 3 IDUs	**21K/24K**	1.00	1.00	0.98	0.96	0.95	0.92	0.88	0.85	--	--
Up to 4 IDUs	**24K/27K**	1.00	0.97	0.96	0.94	0.91	0.90	0.89	0.87	0.86	0.85

The correction factor of height between indoor unit and outdoor unit

Height difference	5m	10m	15m
Factor	0.01	0.015	0.018

To ensure correct unit selection, consider the farthest indoor unit.

NOTE:

1. Above data is assuming that the height difference between indoor unit and outdoor unit is 0m.
2. Be sure to minimize length of connection pipes to optimize performance. If the outdoor unit is installed higher or lower than the indoor unit, it is necessary to apply height correction factor additionally to length correction factor to calculate cooling.
   If outdoor unit is higher, correction should be applied to cooling capacity, if outdoor unit is lower, correction should be applied to heating capacity.

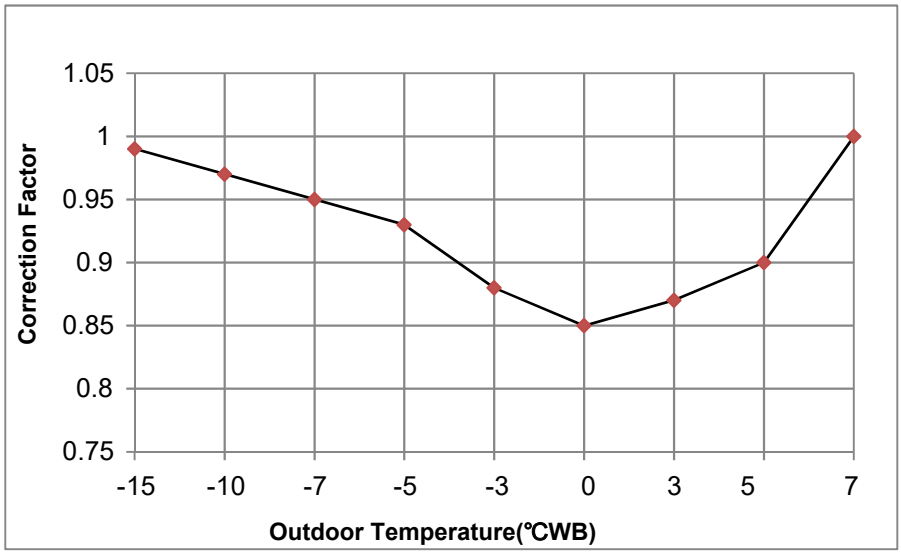
4.3 Correction Factors according to Defrosting Operation

The heating capacity in the preceding paragraph, excludes the condition of the frost or the defrosting operation period. In consideration of the frost or the defrosting operation, the heating capacity is corrected by the equation below.

Corrected heating capacity = Defrost Correction factor x unit capacity

Up to 2 IDUs/3 IDUs series

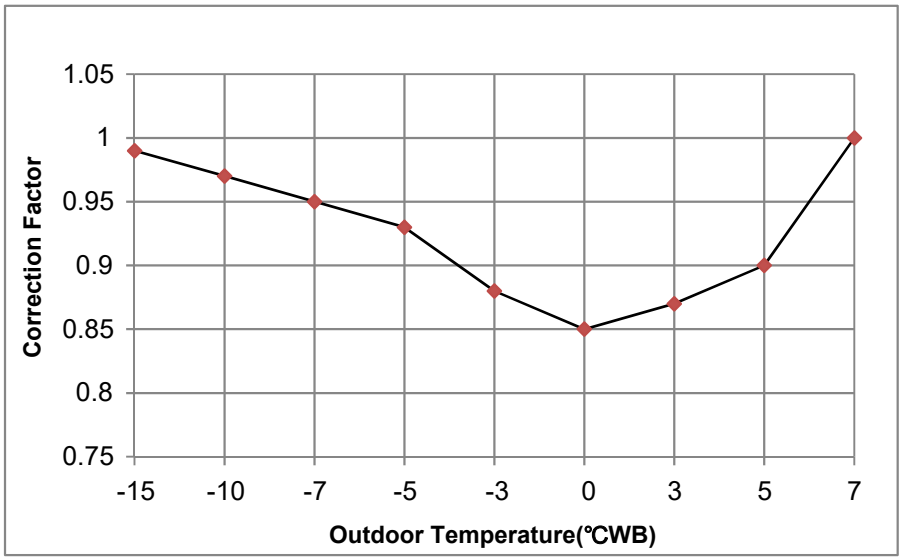
Outdoor Temperature(℃WB)	-15	-10	-5	0	7	10	15
Correction Factor	0.95	0.95	0.91	0.81	1.0	1.0	1.0



4. CAPACITIES AND SELECTION DATA

Up to 4 IDUs series

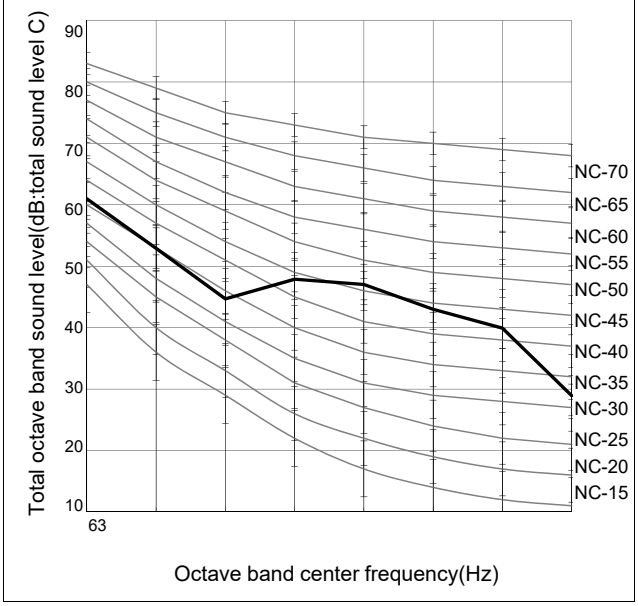
Outdoor Temperature(℃WB)	-15	-10	-7	-5	-3	0	3	5	7
Correction Factor	0.99	0.97	0.95	0.93	0.88	0.85	0.87	0.9	1.0



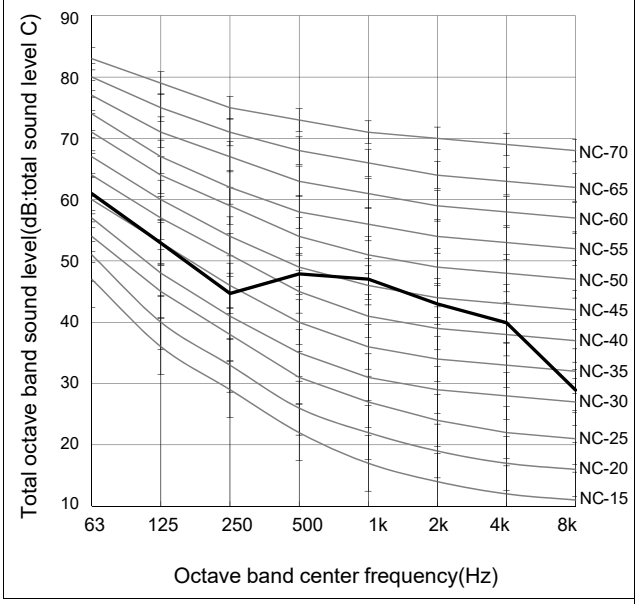
5. Sound pressure data

Outdoor unit

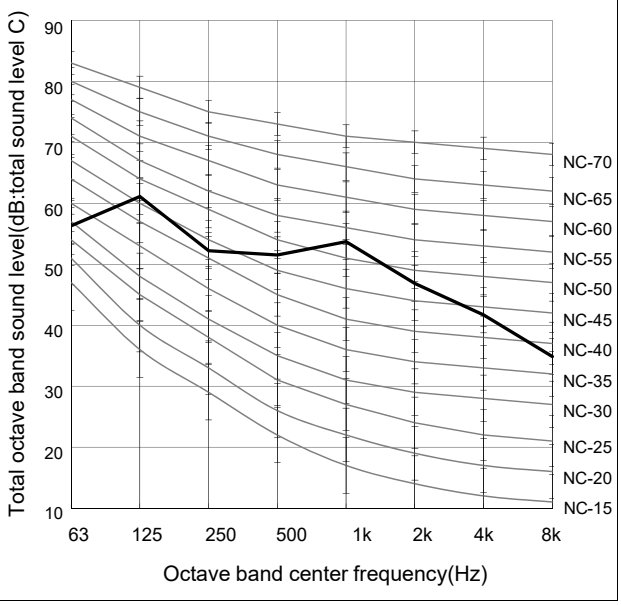
Model	Up to 2 IDUs Series (12K/14K)



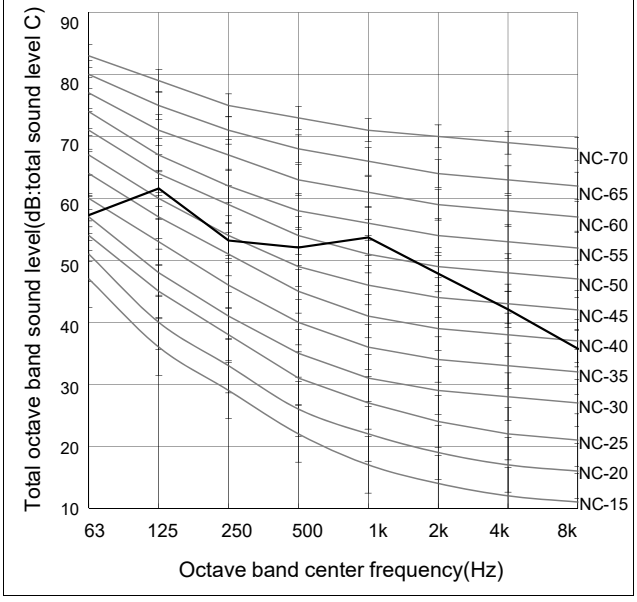
Model	Up to 2 IDUs Series (18K)



Model	Up to 3 IDUs Series(21K/24K)

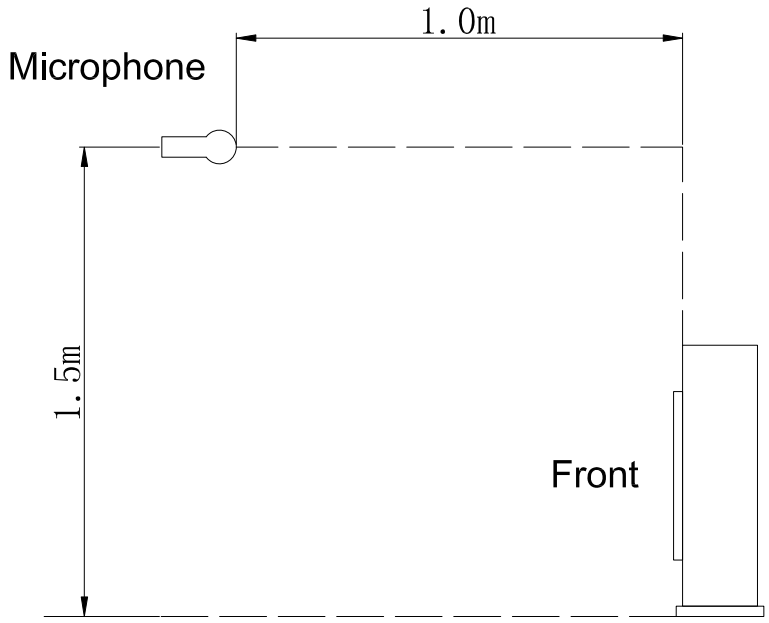


Model	Up to 4 IDUs Series(24K/27K)

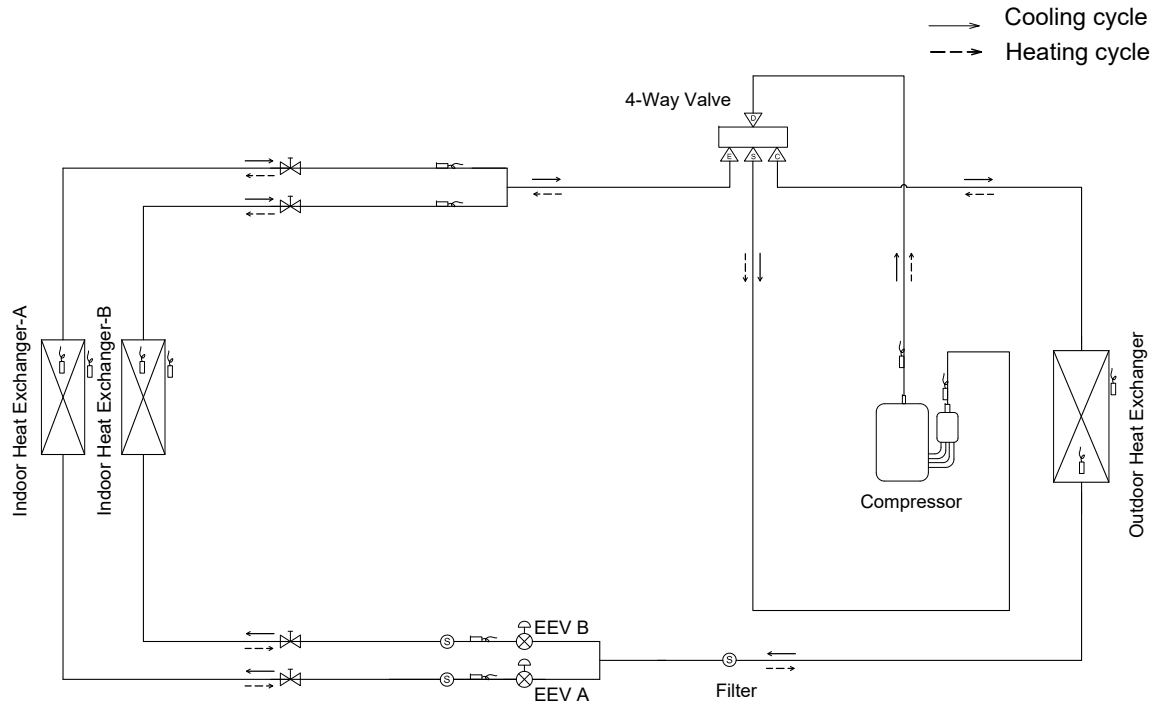


5. SOUND PRESSURE DATA

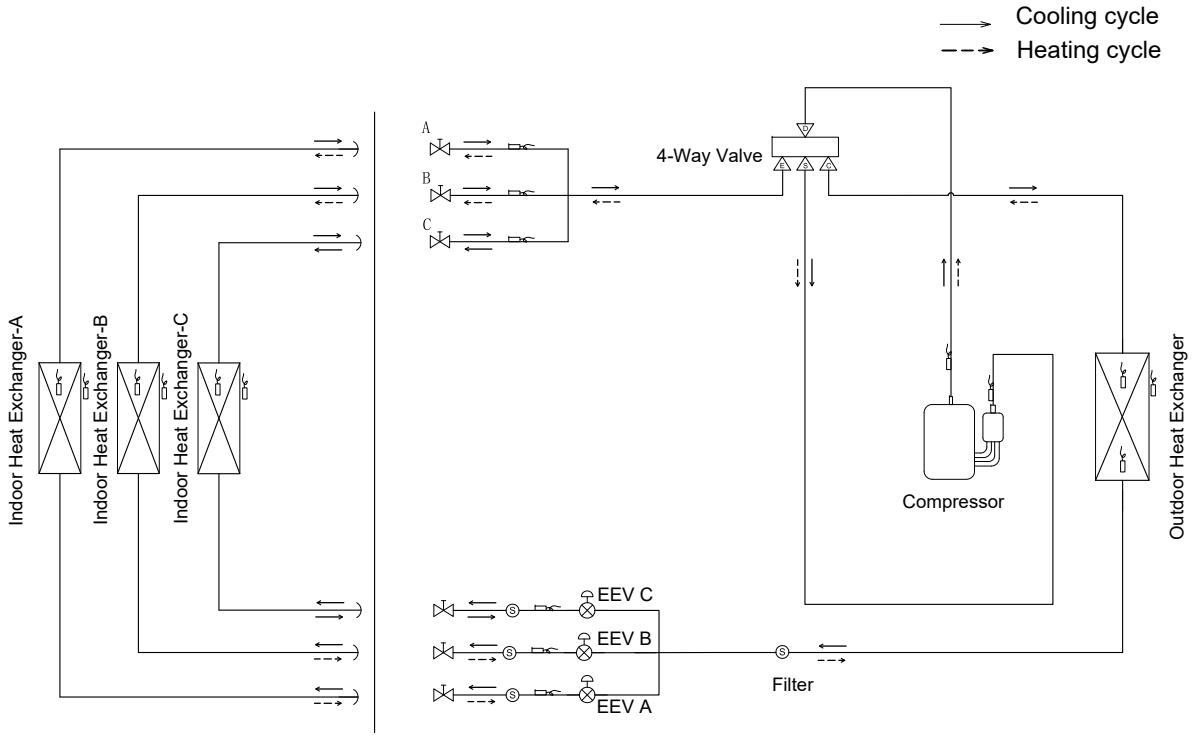
Test condition:



6. Refrigerant cycle

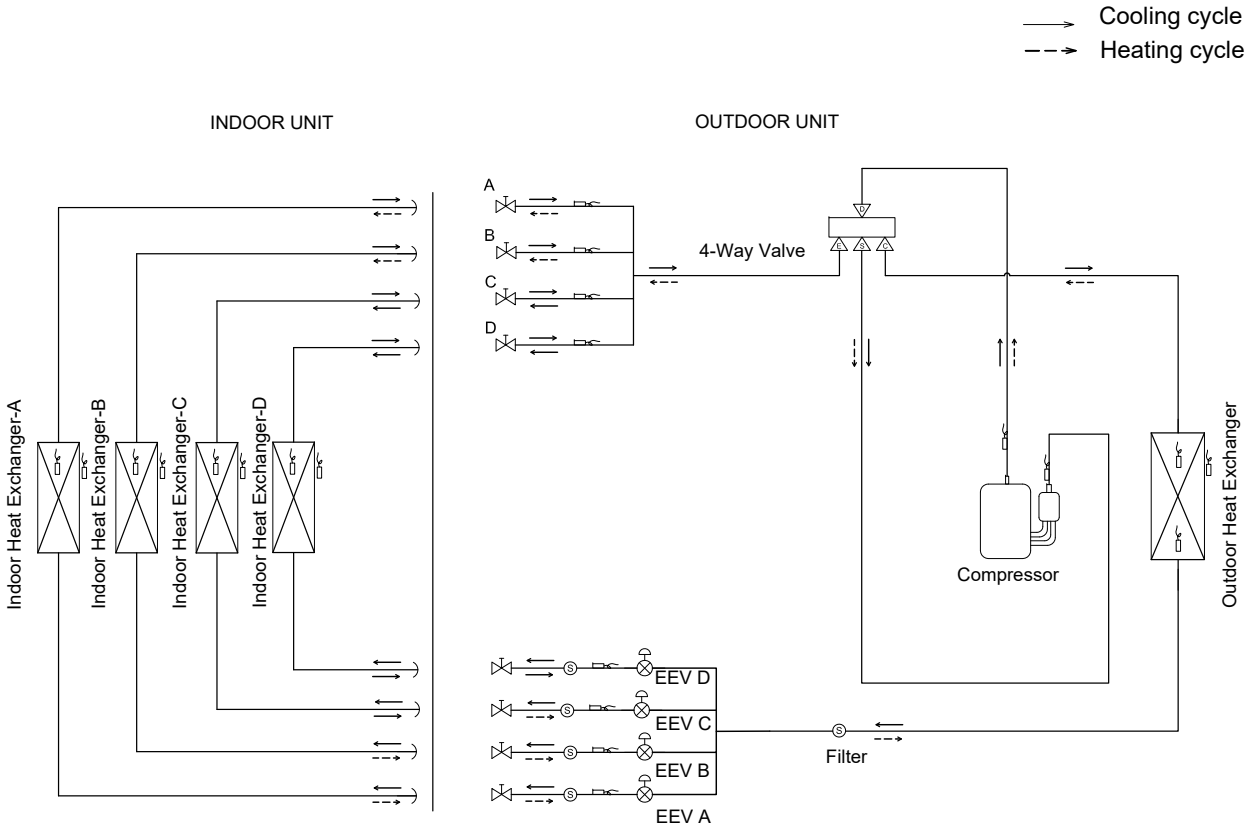


12K/14K/18K



21K/24K

6. REFRIGERANT CYCLE

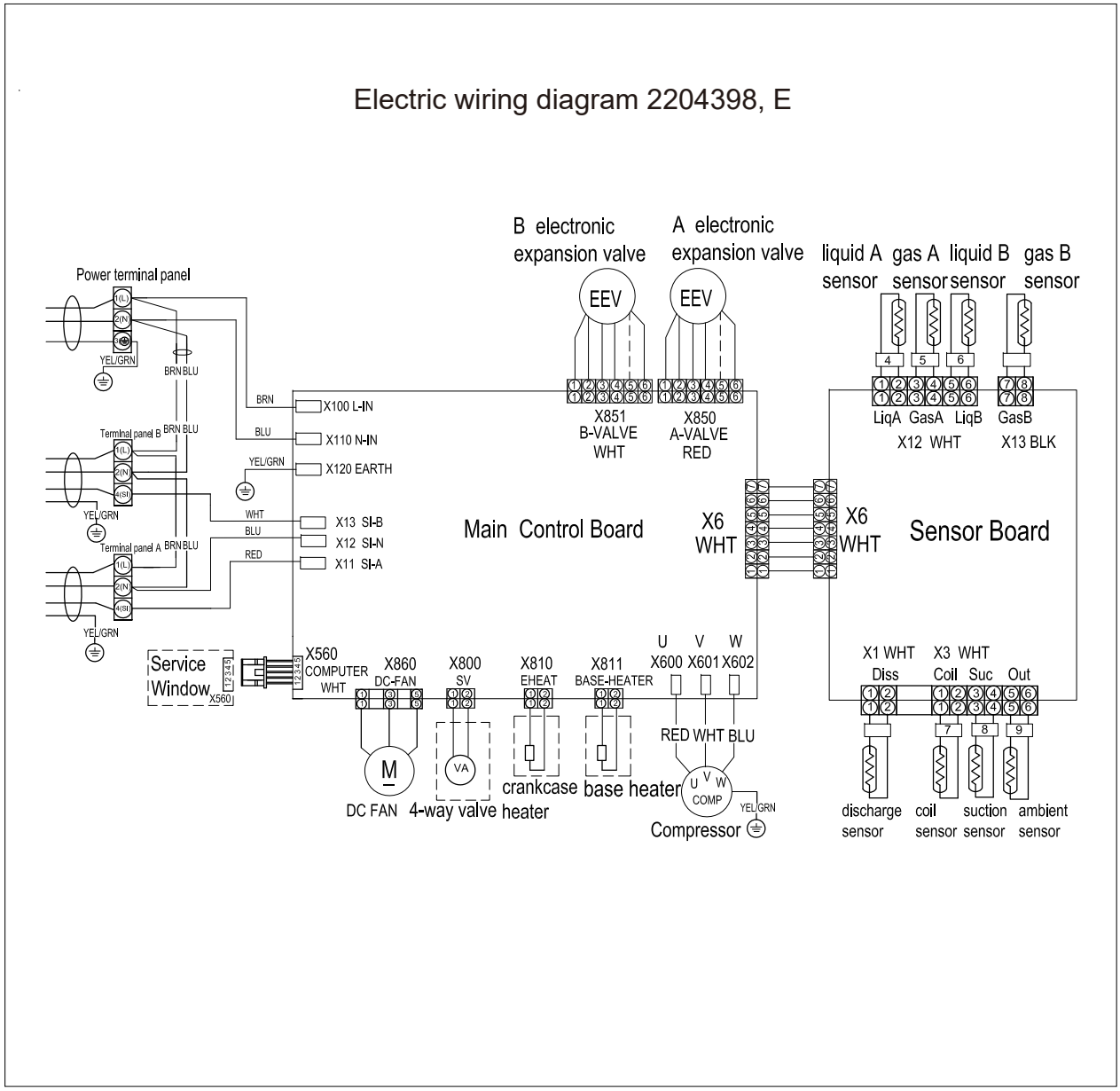


Up to 4 IDUs Series(24K/27K)

7. Wiring diagram

7.1 Electrical wiring diagrams

12K/14K/18K



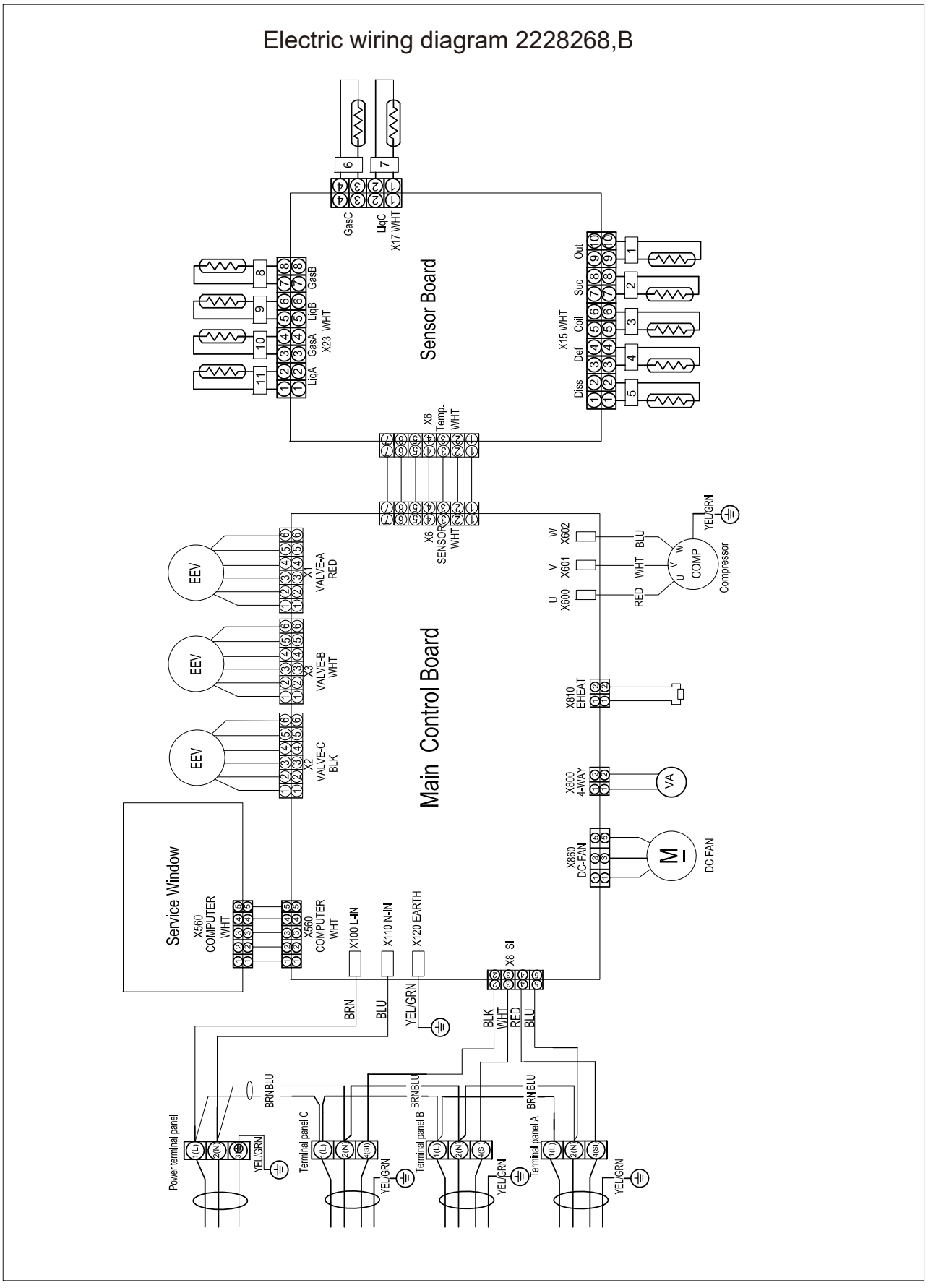
Remark:
Dashed parts are not available in some models.
Details see the table below.

Model	Service Window	4-Way Valve	Crankcase	Base Heater
12K/14K/18K	●	●	●	●

●--available part

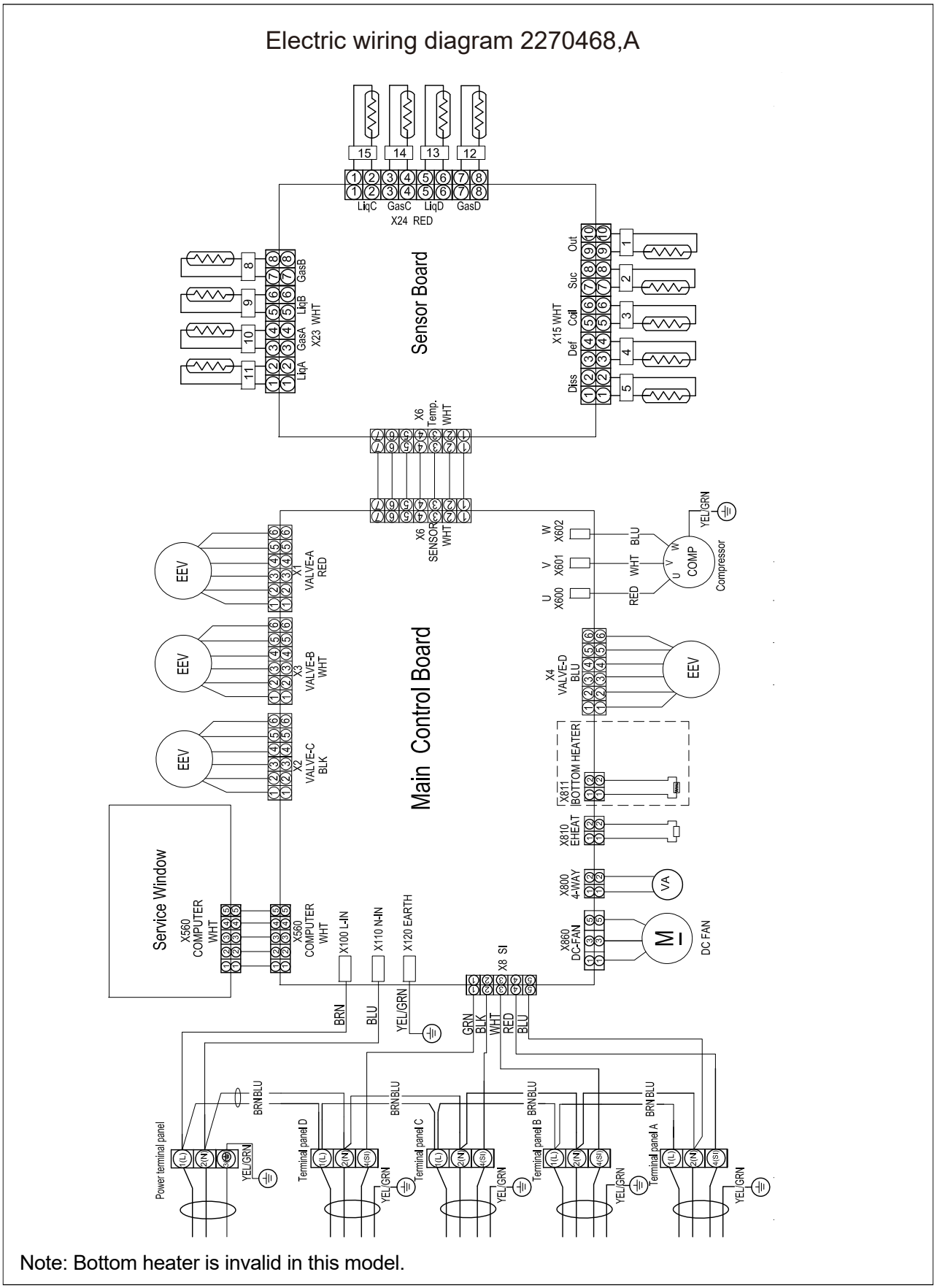
7. WIRING DIAGRAM

Up to 3 IDUs Series(21K/ 24K)



7. WIRING DIAGRAM

Up to 4 IDUs Series(24K/ 27K)

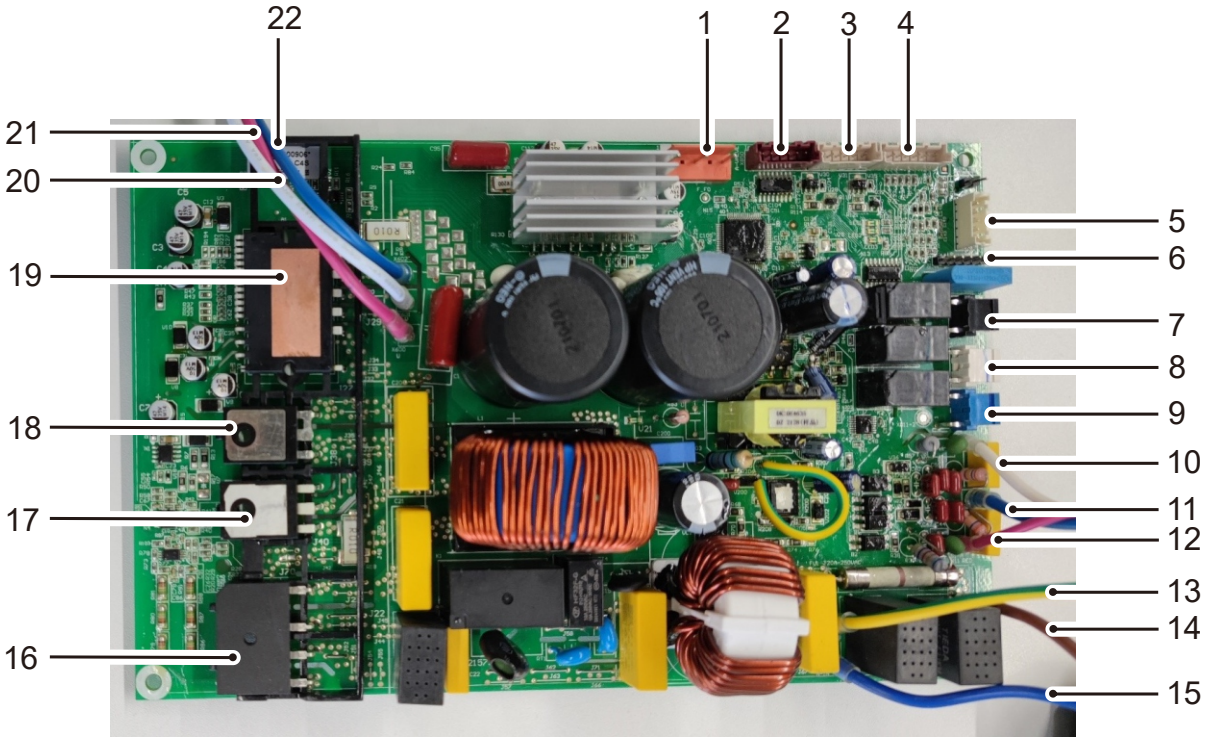


Note: Bottom heater is invalid in this model.

7. WIRING DIAGRAM

7.2 Control board picture

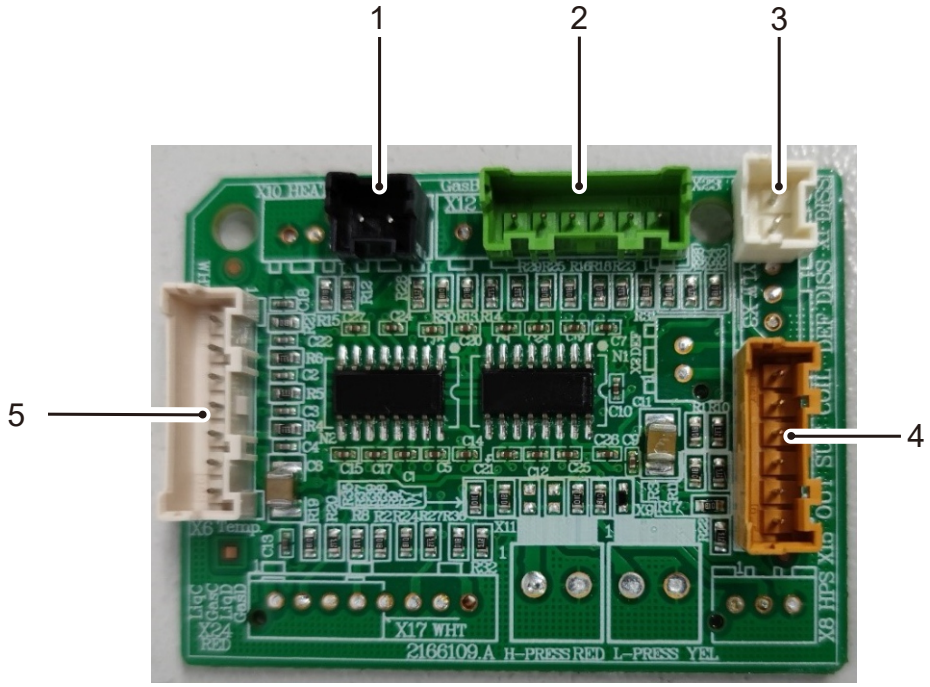
12K/14K/18K



NO.	Description	NO.	Description
1	DC Fan	12	SI-A
2	Electric Expansion Valve-A	13	Earth
3	Electronic Expansion Valve-B	14	AC IN-L
4	To sensor board	15	AC IN-N
5	Checker/Computer	16	Bridge Rectifier
6	EEPROM Program	17	IGBT
7	4-WAY Valve	18	Diode
8	Heater	19	IPM
9	Heater Base	20	Compressor V
10	SI-B	21	Compressor U
11	SI-N	22	Compressor W

7. WIRING DIAGRAM

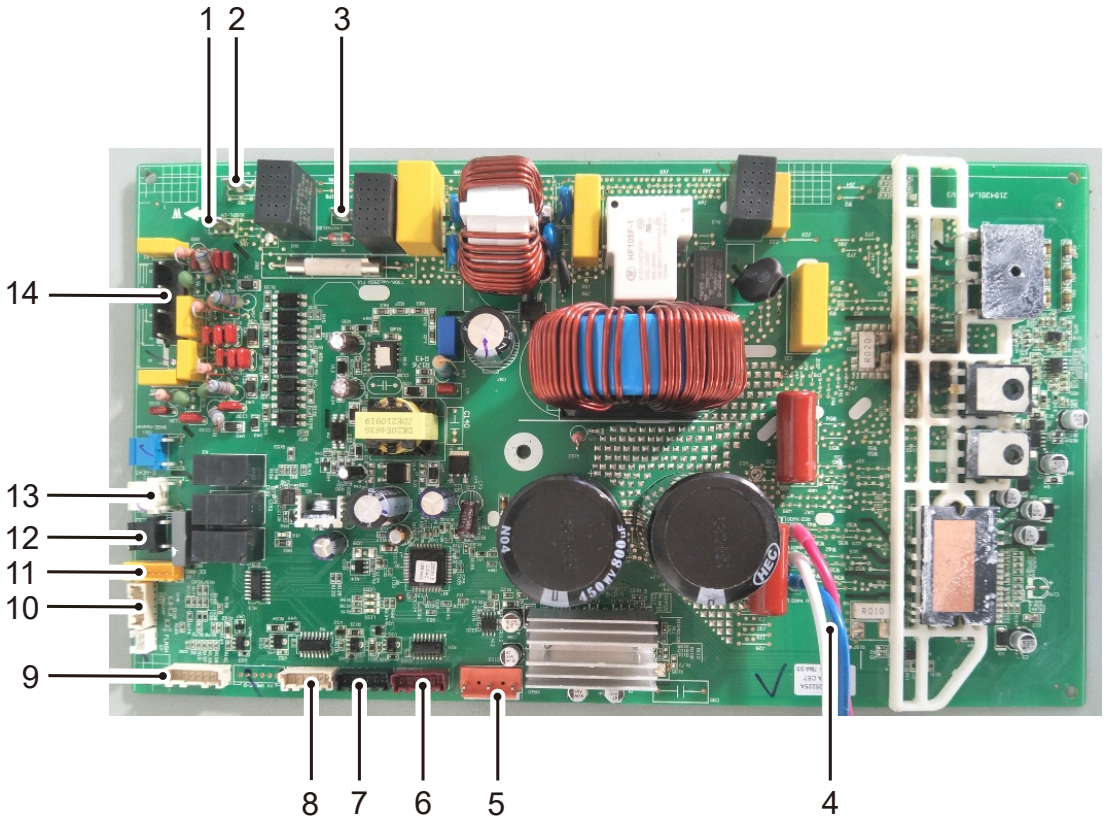
Sensor board



NO.	Description
1	Gas B Sensor
2	Liquid B/ Gas A/Liquid A Sensor
3	Discharge Sensor
4	Coil/Suction/Ambient Temperature Sensor
5	Sensor Signal to Main Board

7. WIRING DIAGRAM

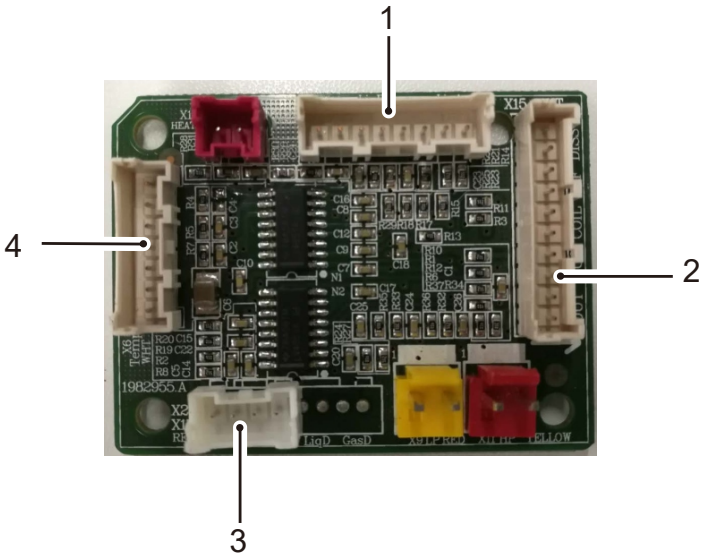
21K/24K



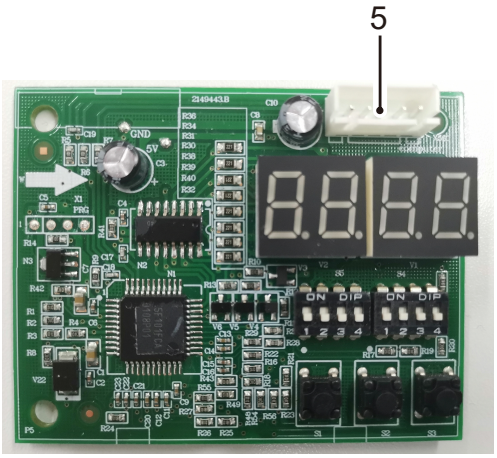
NO.	Description	NO.	Description
1	AC Lin	8	Electronic expansion valve B
2	AC Nin	9	Sensor signal
3	Earth	10	Checker / Computer
4	Compressor	11	EEPROM
5	Fan Motor	12	4-way valve
6	Electronic expansion valve A	13	Electric Heating Belt
7	Electronic expansion valve C	14	Communication Signal to Indoor Unit

7. WIRING DIAGRAM

Sensor board



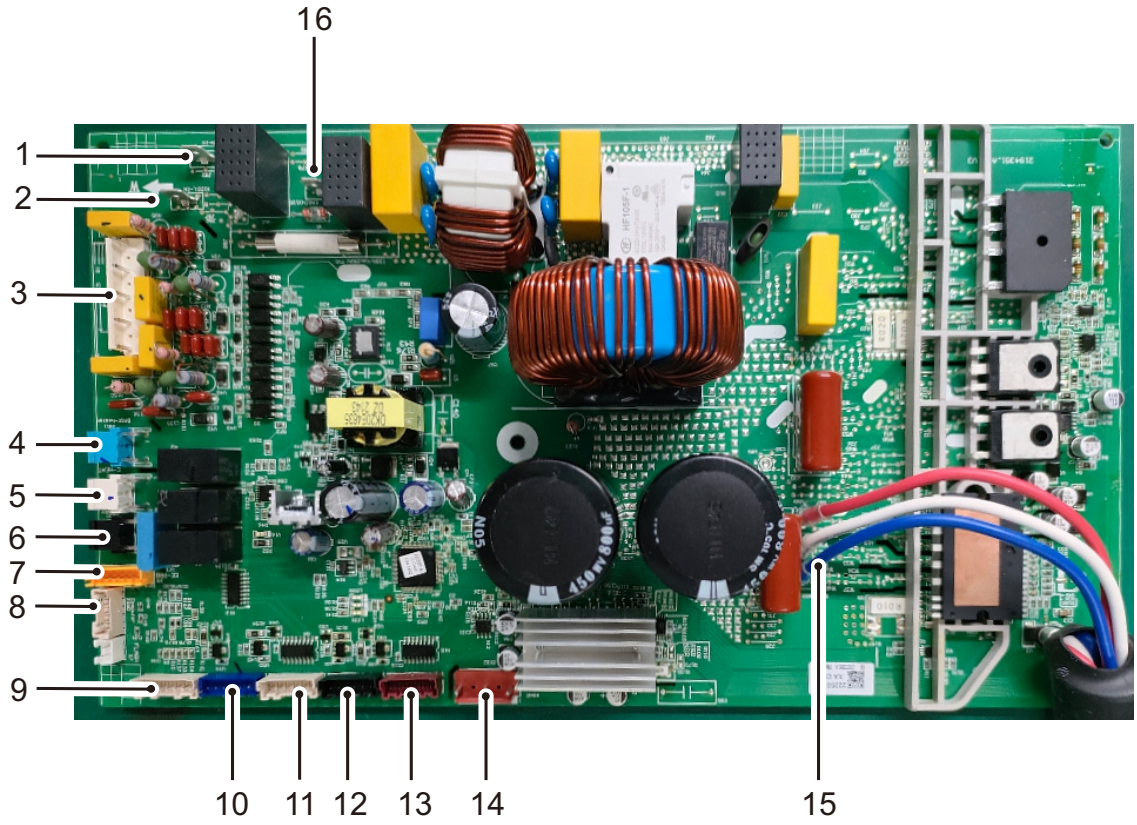
Maintenance board



NO.	Description
1	Gas B/Liquid B/Gas A/Liquid A sensor
2	Discharge Sensor/ Defrost Sensor /Coil Sensor /Suction Sensor/ Outdoor Sensor
3	Liquid C/ Gas C sensor
4	Sensor Signal to Main Board
5	Communication signal to main board

7. WIRING DIAGRAM

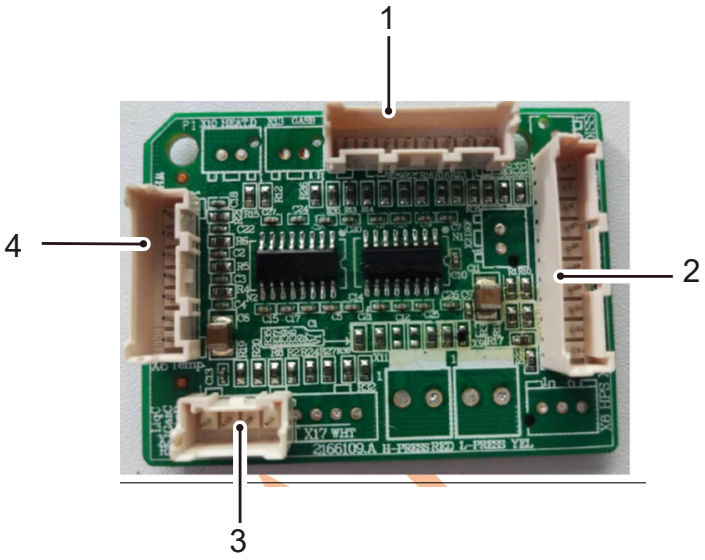
24K/27K



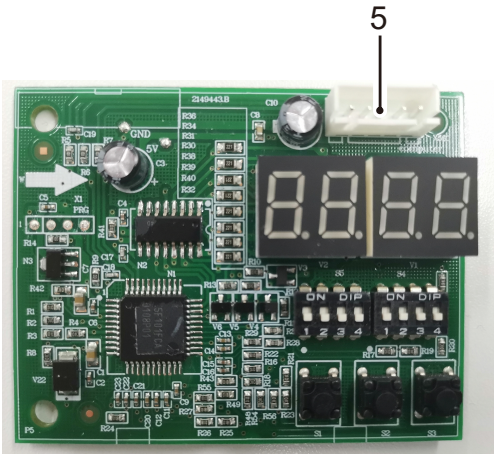
NO.	Description	NO.	Description
1	AC IN-N	9	Sensor signal
2	AC IN-L	10	Electric Expansion Valve-D
3	Communication signal to indoor	11	Electric Expansion Valve-B
4	Base Heater	12	Electric Expansion Valve-C
5	Electric heating belt	13	Electric Expansion Valve-A
6	4-WAY Valve	14	Fan motor
7	EEPROM Program	15	Compressor
8	Checker/Computer	16	Earth

7. WIRING DIAGRAM

Sensor board



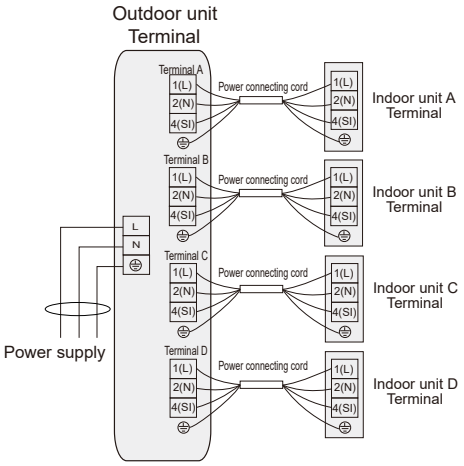
Maintenance board



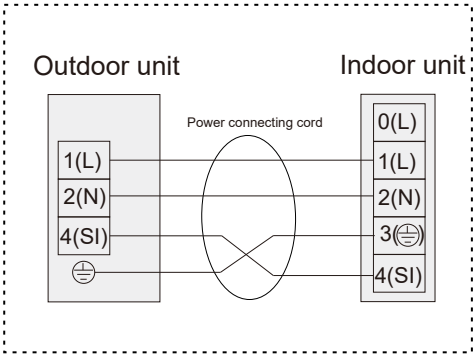
NO.	Description
1	Gas B/Liquid B/Gas A/Liquid A sensor
2	Discharge Sensor/ Defrost Sensor /Coil Sensor /Suction Sensor/ Outdoor Sensor
3	Liquid C/ Gas C sensor/Liquid D/ Gas D sensor
4	Sensor Signal to Main Board
5	Communication signal to main board

7. WIRING DIAGRAM

7.3 Common wiring



NOTE:
For some indoor units



NOTE:

1. For series up to 2 indoor units, there is no INDOOR UNIT C and D.
2. For series up to 3 indoor units, there is no INDOOR UNIT D.

Recommend Wire Size

Model	Power Supply	ELB		Power Source Cable Size	Transmission Cable Size	Circuit Breaker(A)
		Rated Current (A)	Nominal Sensitive Current (mA)			
12K/14K/18K	220-240V ~, 50Hz	20	30	3×2.5mm^2	4×1.5mm^2	20
21K/24K/27K	220-240V ~, 50Hz	32	30	3×2.5mm^2	4×1.5mm^2	32

Max. Running Current(A): REFER TO NAMEPLATE

- Use an ELB (Electric Leakage Breaker).
- Do not operate the system until all the check points have been cleared.

  (A) Check to ensure that the insulation resistance is more than 2 Mega Ohm,by measuring the resistance between ground and the terminal of the electrical parts. If not, do not operate the system until the electrical leakage is found and repaired.

  (B) Check to ensure that the stop valves of the outdoor unit are fully opened and then start the system.
- Pay attention to the following items while the system is running.

  Do not touch any of the parts by hand at the discharge gas side, since the compressor chamber and the pipes at the discharge side are heated higher than 90℃.

7. WIRING DIAGRAM

Note：

(1) Follow local codes and regulations when select field wires, and all the aboveare the minimum wire size.

(2) Use the wires which are not lighter than the ordinary polychloroprene sheathed flexible cord. (Cord designation H07RN-F).

(3) The wire sizes marked with *1 in the above table are selected at the maximum current of the unit according to the National Standard, EN60335-1.

(4) When transmitting cable length is more than 15 meters, a larger wire size should be selected.

(5) Install main switch and ELB for each system separately. Select the high response type ELB that is acted within 0.1second. Recommended capacity to see table above.

(6) In the case that power cables are connected in series, add each unit maximum current and select wires below.

Selection According to EN60335-1

Current i(A)	Wire Size (mm^2)
i≤6	0.75
6＜i≤10	1
10＜i≤16	1.5
16＜i≤25	2.5
25＜i≤32	4
32＜i≤40	6
40＜i≤63	10
63＜i	*

*In the case that current exceeds 63A, do not connect cables in series.

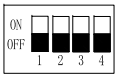
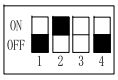
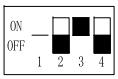
8. Field setting

8.1 DIP setting

DIP Switch Setting of Outdoor Unit(21K/24K/27K)

TURN ON all power sources before setting.

Mark of "■" indicates the position of DIP switches.

S4 Dip switch setting		S5 Dip switch setting	
Factory setting		Factory setting	
Pump Down Switch		Silence mode	
Forced defrosting		Cooling Only	

1. Force defrosting mode

By default setting is OFF.

OFF -- Automatic defrosting mode

ON ---- Manual defrosting mode

Operation is valid when the dial is switched from OFF to ON state.

OPERATION:

When the outdoor unit runs in heating mode, and the dial is switched from OFF to ON, then it will run the manual defrosting mode once.

2. Silence mode

By default setting is OFF.

OFF ----Normal mode.

ON---- Silence mode

Operation is valid when the dial is ON.

Silence mode:

Under the silence mode, the outdoor unit fan will run in medium fan speed at most. Under the silence mode state, if there is high pressure protection, discharge temp. protection or cooling overload protection, then it will not enter silence mode within 30 minutes.

3. Pump down mode (Refrigerant cycle recover)

By default setting is OFF.

OFF ----Normal mode.

ON----Refrigerant recovery mode

Operation is valid when dial is switched from OFF to ON state.

OPERATION: When the outdoor unit runs in cooling mode, the dial is switched from OFF to ON, then it will start the refrigerant recovery mode at once.

Refrigerant recovery mode:

During refrigerant recovery mode, system low pressure protection will not occur, and compressor will stop after 3 minutes, and will turn to normal state when power is on again.

4. Cooling only mode

By default setting is OFF.

OFF ----Cooling only mode is invalid.

ON---- Cooling only mode

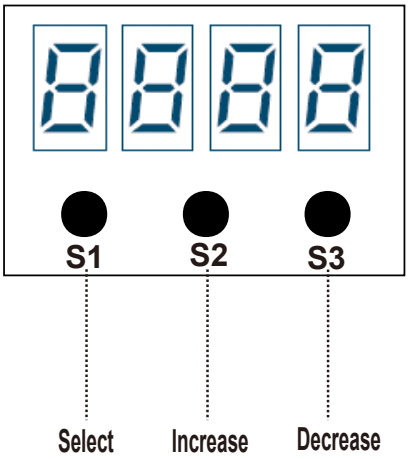
Operation is valid when dial is switched from OFF to ON state before power on.

Cooling only mode

Heating mode is invalid during this mode.

8.2 Running Parameter Query

For 21K/24K/27K model, outdoor running parameters can be checked by 7 segment display.



There are 3 buttons on the digital display board:
1) Select button: Select to display outdoor/indoor unit parameter.
"P." -- Parameter of outdoor unit
"A." -- Parameter of indoor unit A
"b." -- Parameter of indoor unit B
"C."-- Parameter of indoor unit C
"d." -- Parameter of indoor unit D
"E." -- Parameter of indoor unit E
2) INCREASE button：Each time it is pressed, the number rises by 1.
3) DECREASE button：Each time it is pressed, the number lowers by 1.
The parameter content will automatically display after the parameter code is selected for 3s.

Parameters can be checked as the table below.

Parameter Code	Descriptions	Parameter Code	Descriptions
P.0	Fault codes	A.1	Unit A fault codes
P.1	Compressor actual frequency	A.2	Unit A valve actual opening
P.2	Compressor driving frequency	A.4	Unit A liquid pipe temperature
P.4	Compressor target frequency	A.5	Unit A gas pipe temperature
P.5	Compressor exhaust temperature	A.6	Unit A coil temperature
P.6	Outdoor suction Temperature	A.7	Unit A ambient temperature
P.7	Outdoor ambient temperature	A.8	Unit A set temperature
P.8	Outdoor coil temperature	A.9	Unit A capacity
P.9	Outdoor defrosting temperature	A.10	Unit A set fan speed
P.10	IPM module temperature	A.11	Unit A actual suction overheating (cooling)
P.11	Outdoor capacity requirement	B.1	Unit B fault codes
P.12	IPM fault codes	B.2	Unit B valve actual opening
P.13	Outdoor DC Motor target speed	B.4	Unit B liquid pipe temperature
P.14	AC input current	B.5	Unit B gas pipe temperature
P.15	AC input voltage	B.6	Unit B coil temperature
P.16	DC bus voltage	B.7	Unit B ambient temperature
P.17	Compressor phase current	B.8	Unit B set temperature
P.18	Frequency limit code	B.9	Unit B capacity
P.20	Target suction overheating	B.10	Unit B set fan speed
P.21	Target exhaust overheaingt	B.11	Unit B actual suction overheating (cooling)
P.22	Actual suction overheating (heating)		
P.23	Actual exhaust overheating (heating)		

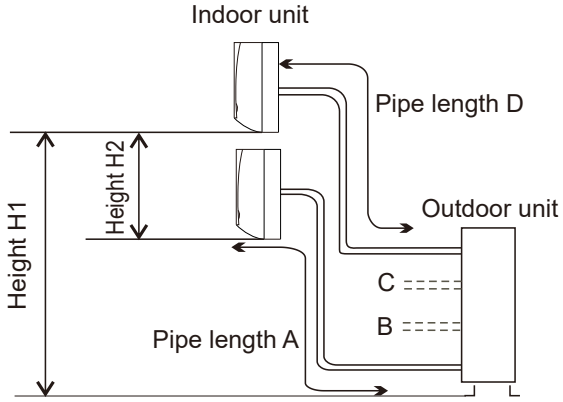
8. FIELD SETTING

Parameter Code	Descriptions	Parameter Code	Descriptions
C.1	Unit C fault codes	D.1	Unit D fault codes
C.2	Unit C valve actual opening	D.2	Unit D valve actual opening
C.4	Unit C liquid pipe temperature	D.4	Unit D liquid pipe temperature
C.5	Unit C gas pipe temperature	D.5	Unit D gas pipe temperature
C.6	Unit C coil temperature	D.6	Unit D coil temperature
C.7	Unit C ambient temperature	D.7	Unit D ambient temperature
C.8	Unit C set temperature	D.8	Unit D set temperature
C.9	Unit C capacity	D.9	Unit D capacity
C.10	Unit C set fan speed	D.10	Unit D set fan speed
C.11	Unit C actual suction overheating (cooling)	D.11	Unit D actual suction overheating (cooling)

Note： The right is therefore reserved to EE changing without notice.

9. Piping work and refrigerant charge

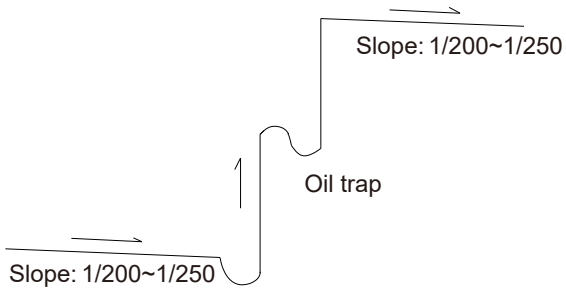
9.1 MAX. length allowed



Item \ Model		Up to 2 indoor units	Up to 3 indoor units	Up to 4 indoor units
		12K/14K/18K	21K/24K	24K/27K
Piping to each indoor unit (A/B/C/D)	m	≤20	≤25	≤25
Total length of piping between all units	m	A+B≤30	A+B+C≤50	A+B+C+D≤60
Max Height Between Indoor Unit and Outdoor Unit (H1)	m	≤15		
Max Height Between Indoor Units (H2)	m	≤7.5		

9.2 Oil trap

When the indoor unit is lower than outdoor unit and the height difference is larger than 5m, set an oil trap every 5m (height difference) on suction piping.



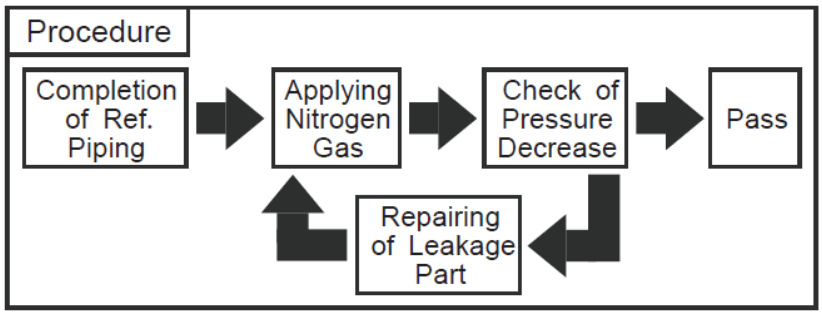
NOTE:

1) To avoid storing too much oil in the oil trap, the oil trap should be as short as possible.
2) The horizontal piping should slope down along the refrigerant flow direction, to bring the oil back to compressor, the slope is about 1/200 to1/250.
3) In order to ensure better cooling/heating performance, the refrigerant piping should be as short and straight as possible.

9.3 Air tight test

Do use nitrogen when performing air-tight test.

Connect the gauge manifold using charging hoses with a nitrogen cylinder to the check joints of the liquid line and the gas line stop valves. Perform the air-tight test. Don't open the gas line stop valves. Apply nitrogen gas pressure of 4.15MPa.Check for any gas leakage at the flare nut connections, or brazed parts by gas leak detector or foaming agent. It is OK when the gas pressure does not decrease. After the air tight test, release nitrogen gas.



Air tight procedure

9.4 Additional refrigerant charge

Although refrigerant has been charged into this unit, additional refrigerant charge is required according to piping length.

- The additional refrigerant precharge quantity should be determined and charged into the system according to the following procedure.
- Record the additional refrigerant quantity in order to facilitate maintenance and servicing activities.

Refrigerant charge before shipment (W0 (kg))

W0 is the outdoor unit refrigerant charge before shipment；

Xg is additional refrigerant the outdoor unit needs according to piping length during installation.

Series	Model	Refrigerant pre-charged before shipment(W0(g))
Up to 2 IDUs	12K/14K	950
	18K	1050
Up to 3 IDUs	21K/24K	1460
Up to 4 IDUs	24K/27K	1750

Additional refrigerant charge

For up to 2 indoor units type:

Additional refrigerant charge =(L-10)×12g/m

For up to 3 indoor units type

Additional refrigerant charge =(L-15)×12g/m

For up to 4 indoor units type

Additional refrigerant charge =(L-20)×12g/m

10. Installation tools and installation flow chart

10.1 Necessary tools and instrument list for installation

No.	Tool	No.	Tool	No.	Tool	No.	Tool
1	Handsaw	6	Copper Pipe Bender	11	Spanner	16	Leveler
2	Phillips Screwdriver	7	Manual Water Pump	12	Charging Cylinder	17	Clamper for Solder-less Terminals
3	Vacuum Pump	8	Pipe Cutter	13	Gauge Manifold	18	Hoist (for Indoor Unit)
4	Refrigerant Gas Hose	9	Brazing Kit	14	Cutter for Wires	19	Ammeter
5	Megohmmeter	10	Hexagon Wrench	15	Gas Leak Detector	20	Voltage Meter

Use specified tools and measuring instruments only for the new refrigerant.

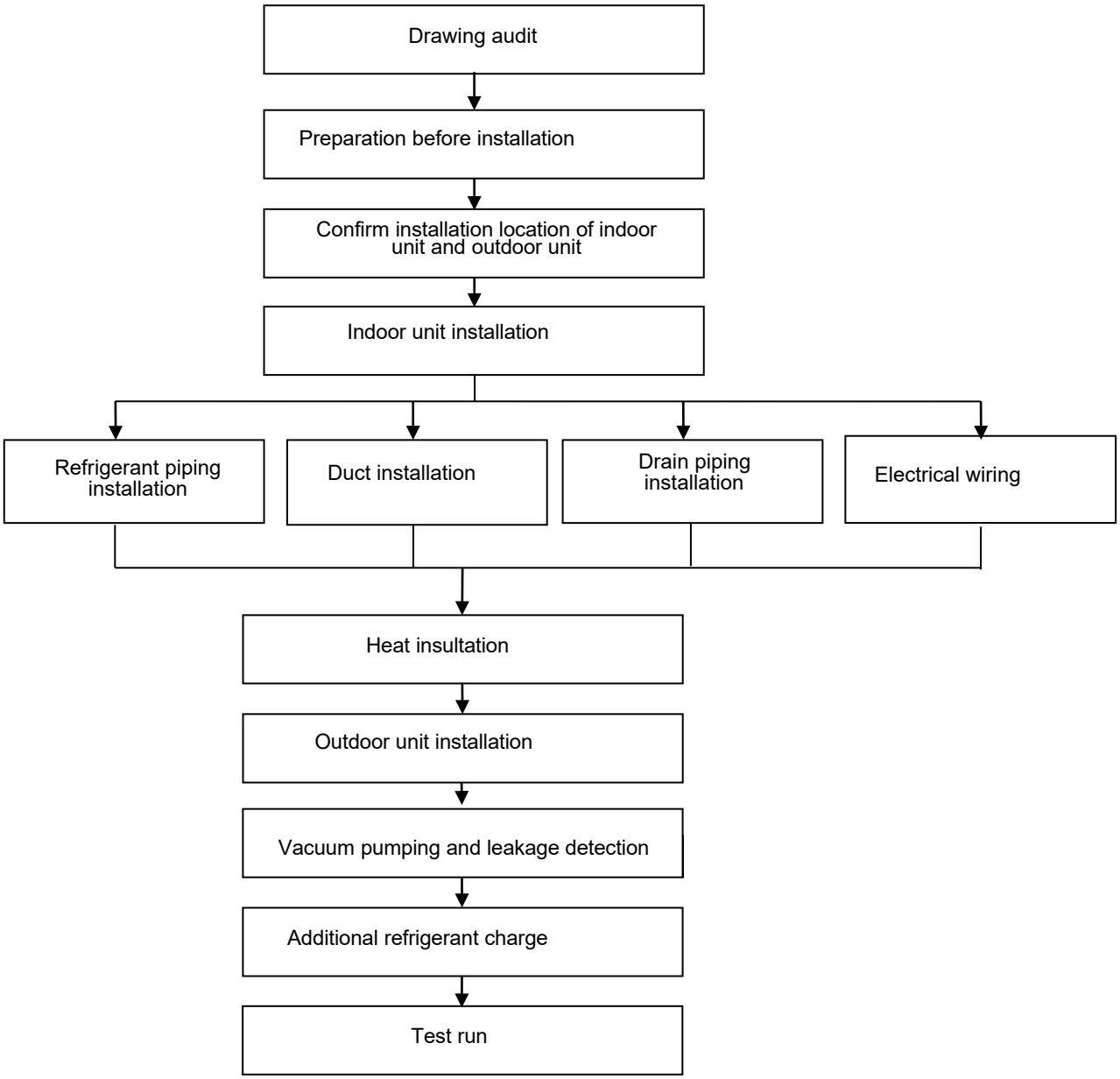
✧: Interchangeability is available with R410A ●: Only for Refrigerant R32

×: Prohibited ✦: Only for Refrigerant R22

Measuring Instrument and Tool for R410A		R32	R22	Reason of Non-Interchangeability and Attention (*: Strictly Required)	Use
Refrigerant Pipe	Pipe Cutter Chamfering Reamer	✧	✧	-	Cutting Pipe Removing Burrs
	Flaring Tool	✧	✧	* The flaring tools for R32 are applicable to R22/R410A. * If using flaring tube, make dimension of tube larger for R410A. * In case of material 1/2H, flaring is not available.	Flaring for Tubes
	Pipe Bender	✧	✧	* In case of material 1/2H, bending is not available. Use elbow for bend and braze.	Bending
	Expanding Tool	✧	✧	* In case of material 1/2H, expanding of tube is not available. Use socket for connecting tube.	Expanding Tubes
	Torque Wrench	✧	×	* For ϕ1/2, ϕ5/8, spanner size is up 2mm.	Connection of Flare Nut
		✧	✧	* For ϕ1/4, ϕ3/8, ϕ3/4, spanner size is the same.	
	Brazing Tool	✧	✧	* Perform correct brazing work.	Brazing for Tubes
	Nitrogen Gas	✧	✧	* Strict Control against Contamin (Blow nitrogen during brazing.)	Prevention from Oxidation during
	Lubrication Oil (for Flare Surface)	●	✦	* Use a synthetic oil which is equivalent to the oil used in the refrigeration cycle. * Synthetic oil absorbs moisture quickly.	Prevention from Oxidation during Brazing
Vacuum Drying& Refrigerant Charge	Refrigerant Cylinder	×	×	* Check refrigerant cylinder color. * Liquid refrigerant charging is required regarding zeotoropic refrigerant. * Use the weight scale.	Refrigerant Charging
	Vacuum Pump	✧	✧	* The current ones are applicable. However, it is required to mount a vacuum pump adapter which can prevent from reverse flow when a vacuum pump stops, resulting in no reverse oil flow.	Vacuum Pumping
	Adapter for Vacuum Pump	✧	✦		
	Manifold Valve	✧	✦	* No interchangeability is available due to higher pressures when compared with R22. * Do not use current ones to the different refrigerant. If used, mineral oil will flow into the cycle and cause sludges, resulting in clogging or compressor failure. * Connection diameter is different; R32/R410A: UNF1/2, R22: UNF7/16.	Vacuum Pumping, Vacuum Holding, Refrigerant Charging and Check of Pressures
	Charging Hose	✧	×		
	Weight Scale	✧	✧		Measuring Instrument for Refrigerant Charging
	Refrigerant Gas Leakage Detector	×	×	* The current gas leakage detector (R22) is not applicable due to different detecting method.	Gas Leakage Check

10. INSTALLATION TOOLS AND INSTALLATION FLOW CHART

10.2 Installation flow chart



Note: this flow is only for reference; detailed see installation manual section.

11. Control mode

1) Cooling Anti-freeze Protection

To prevent freezing caused by too low temperature of indoor evaporator, the air conditioner will implement real-time detection over the indoor coil temperature. If the indoor coil temperature is too low, the compressor will be prohibited from increasing the frequency or decrease the frequency even shut down automatically.

2) Heating Overload Protection

To prevent system overload caused by excessive pressure in heating operation, the machine will implement real-time detection over the indoor fan-coil temperature:

If the indoor coil temperature grows higher, the compressor will be prohibited from increasing the frequency; If the temperature continues to rise, the compressor will decrease the frequency; If the indoor coil temperature is too high, the compressor will stop working immediately. The compressor then will reboot after the indoor coil temperature reduces.

3) Cooling Overload Protection

To prevent system overload due to excessive pressure during cooling operation, the machine will implement real-time detection over the outdoor condenser coil temperature: If the outdoor coil temperature grows higher, the compressor will be prohibited from increasing the frequency; If the temperature continues to rise, the compressor will decrease the frequency; If the outdoor fan-coil temperature is too high, then the compressor will stop working immediately. The compressor will reboot after the outdoor coil temperature reduces.

4) Discharge Temperature Protection

To prevent working conditions of compressor from deteriorating due to high discharge temperature, the machine will implement real-time detection over the discharge temperature.

If the discharge temperature grows higher, the compressor will be prohibited from increasing the frequency; if the temperature continues to rise, the compressor will decrease the frequency automatically; if the discharge temperature is too high, the compressor will stop working immediately. The compressor will then reboot when the discharge temperature returns to normal condition.

5) Oil-return Control

When the compressor continues to operate at low frequency, there will be an oil return. The compressor increases the frequency, and thus to return the oil in refrigerate system to the compressor.

6) Operation Mode

a. Mode Categories

Air conditioning mode is the operation mode set by users through remote controller, four modes are available: cooling, heating, dehumidification, as well as fan mode.

b. Mode conflict

The operating mode of outdoor unit is decided by the operating mode of the indoor unit firstly booted. Indoor unit subsequently booted will firstly determine whether it's own mode is in conflict with the outdoor mode. If so, the indoor unit will automatically shut down after three beeps; If there is no conflict, the indoor unit will boot normally. The relationship of mode conflict is as follows:

Driven choice / Active mode	Cooling	Dehumidification	Heating	Fan
Cooling	√	√	×	√
Dehumidification	√	√	×	√
Heating	×	×	√	×
Fan	√	√	×	√

√———Mode conflict will not happen

×———Mode conflict will happen

7) Outdoor four-way Valve Control

Four-way valve of the outdoor machine shuts down during cooling but starts during heating. The operation of heating defrosting refers to defrosting operation and, when the heating remote shutdown, the four-way valve disconnects in a few seconds when the compressor stops working.

8) Start-up Protection

To prevent compressor from restart frequently in the condition that system pressure has not been completely balanced, it can't be restarted within 3 minutes.

12. Sensor parameter

1. THE PARAMETER OF OUTDOOR COMPRESSOR DISCHARGE TEMPERATURE SENSOR:
   (R_0=187.25K±6.3%；R_{100}=3.77K±2.5K；B0/100=3979K±1%)
   DR: Deviation Rate
   DR(MIN)%=（Rmin-Rnom）/Rnom*100%
   DR(MAX)%=（Rmax-Rnom）/Rnom*100%

T [℃]	Rmin [KΩ]	Rnom [KΩ]	Rmax [KΩ]	DR(MIN)%	DR(MAX)%
-30	908.2603	985.5274	1065.1210	-7.84	7.47
-29	855.3955	927.6043	1001.9150	-7.78	7.42
-28	805.9244	873.4324	924.8368	-7.73	5.56
-27	759.6097	822.7471	887.5944	-7.67	7.31
-26	716.2320	775.3041	835.9165	-7.62	7.25
-25	675.5881	730.8775	787.5529	-7.56	7.20
-24	637.4902	689.2583	742.2720	-7.51	7.14
-23	601.7645	650.2533	699.8601	-7.46	7.09
-22	568.2499	613.6835	660.1191	-7.40	7.03
-21	536.7970	579.3832	622.8658	-7.35	6.98
-20	507.2676	547.1989	587.9307	-7.30	6.93
-19	497.5332	516.9882	555.1565	-3.76	6.88
-18	453.4748	488.6192	524.3977	-7.19	6.82
-17	428.9819	461.9693	495.5191	-7.14	6.77
-16	405.9517	436.9251	486.3954	-7.09	10.17
-15	384.2888	413.3808	442.9105	-7.04	6.67
-14	363.9047	391.2386	418.9563	-6.99	6.62
-13	344.7169	370.4072	396.4325	-6.94	6.56
-12	326.6497	350.8019	375.2461	-6.88	6.51
-11	309.6286	332.3441	355.3104	-6.83	6.46
-10	293.5903	314.9620	336.5448	-6.79	6.41
-9	278.4719	298.5822	318.3744	-6.74	6.22
-8	264.2156	283.1464	302.2294	-6.69	6.31
-7	250.7678	268.5936	286.5448	-6.64	6.26
-6	238.0783	254.8686	271.7603	-6.59	6.22
-5	226.1003	241.9200	257.8193	-6.54	6.17
-4	214.7903	229.6997	244.6593	-6.49	6.11
-3	204.1073	218.1630	232.2612	-6.44	6.07
-2	194.0135	207.2681	220.5495	-6.39	6.02
-1	184.4732	196.9759	209.4913	-6.35	5.97
0	175.4533	187.2500	199.0468	-6.30	5.93
1	166.8952	178.0255	189.1529	-6.25	5.88
2	158.8023	169.3067	179.8058	-6.20	5.84
3	151.1467	161.0633	170.9724	-6.16	5.80
4	143.9026	153.2667	162.6216	-6.11	5.75
5	137.0455	145.8905	154.7246	-6.06	5.71
6	130.5528	138.9097	147.2544	-6.02	5.67
7	124.4033	132.3011	140.1856	-5.97	5.62
8	118.5769	126.0429	133.4946	-5.92	5.58
9	113.0550	120.1146	127.1591	-5.88	5.54
10	107.8202	114.4973	121.1586	-5.83	5.50
11	102.8560	109.1728	115.4734	-5.79	5.46
12	98.1470	104.1246	110.0855	-5.74	5.41
13	93.6787	99.3367	104.9778	-5.70	5.37
14	89.4378	94.7946	100.1342	-5.65	5.33
15	85.4114	90.4842	95.5398	-5.61	5.29
16	81.5875	86.3926	91.1805	-5.56	5.25
17	77.9551	82.5076	87.0430	-5.52	5.21
18	74.5034	78.8177	83.1150	-5.47	5.17

12. SENSOR PARAMETER

T [℃]	Rmin [KΩ]	Rnom [KΩ]	Rmax [KΩ]	DR(MIN)%	DR(MAX)%
19	71.2227	75.3122	79.3848	-5.43	5.13
20	68.1036	71.9808	75.8414	-5.39	5.09
21	65.1373	68.8141	72.4746	-5.34	5.05
22	62.3155	65.8032	69.2746	-5.30	5.01
23	59.6306	62.9395	66.2324	-5.26	4.97
24	57.0752	60.2152	63.3395	-5.21	4.93
25	54.6424	57.6227	60.5877	-5.17	4.89
26	52.3258	55.1551	57.9695	-5.13	4.85
27	50.1192	52.8058	55.4778	-5.09	4.82
28	48.0168	50.5684	53.1058	-5.05	4.78
29	46.0133	48.4371	50.8472	-5.00	4.74
30	44.1034	46.4046	48.6960	-4.96	4.71
31	42.2825	44.4711	46.6466	-4.92	4.66
32	40.5458	42.6261	44.6937	-4.88	4.63
33	38.8891	40.8668	42.8323	-4.84	4.59
34	37.3084	39.1890	41.0576	-4.80	4.55
35	35.7998	37.5883	39.3653	-4.76	4.51
36	34.3596	36.0609	37.7511	-4.72	4.48
37	32.9844	34.6030	36.2109	-4.68	4.44
38	31.6710	33.2113	34.7412	-4.64	4.40
39	30.4164	31.8823	33.3383	-4.60	4.37
40	29.2176	30.6130	31.9988	-4.56	4.33
41	28.0718	29.4004	30.7197	-4.52	4.29
42	26.9765	28.2417	29.4979	-4.48	4.26
43	25.9293	27.1342	28.3306	-4.44	4.22
44	24.9277	26.0755	27.2150	-4.40	4.19
45	23.9697	25.0632	26.1488	-4.36	4.15
46	23.0530	24.0950	25.1293	-4.32	4.12
47	22.1757	23.1688	24.1545	-4.29	4.08
48	21.3360	22.2826	23.2221	-4.25	4.05
49	20.5321	21.4345	22.3301	-4.21	4.01
50	19.7623	20.6226	21.4766	-4.17	3.98
51	19.0261	19.8468	20.6612	-4.14	3.94
52	18.3211	19.1040	19.8808	-4.10	3.91
53	17.6458	18.3926	19.1338	-4.06	3.87
54	16.9986	17.7113	18.4185	-4.02	3.84
55	16.3784	17.0537	17.7335	-3.96	3.83
56	15.7839	16.4332	17.0774	-3.95	3.77
57	15.2139	15.8338	16.4488	-3.92	3.74
58	14.6673	15.2592	15.8464	-3.88	3.71
59	14.1430	14.7083	15.2690	-3.84	3.67
60	13.6400	14.1799	14.7154	-3.81	3.64
61	13.1573	13.6730	14.1846	-3.77	3.61
62	12.6941	13.1868	13.6756	-3.74	3.57
63	12.2494	12.7202	13.1872	-3.70	3.54
64	11.8224	12.2723	12.7186	-3.67	3.51
65	11.4124	11.8424	12.2690	-3.63	3.48
66	11.0185	11.4295	11.8373	-3.60	3.45
67	10.6401	11.0331	11.4230	-3.56	3.41
68	10.2765	10.6522	11.0251	-3.53	3.38
69	9.9271	10.2863	10.6429	-3.49	3.35
70	9.5912	9.9348	10.2756	-3.46	3.32
71	9.2682	9.5968	9.9231	-3.42	3.29
72	8.9576	9.2720	9.5841	-3.39	3.26
73	8.6589	8.9597	9.2583	-3.36	3.23
74	8.3716	8.6594	8.9451	-3.32	3.19

12. SENSOR PARAMETER

T [℃]	Rmin [KΩ]	Rnom [KΩ]	Rmax [KΩ]	DR(MIN)%	DR(MAX)%
75	8.0951	8.3705	8.6440	-3.29	3.16
76	7.8290	8.0926	8.3544	-3.26	3.13
77	7.5730	7.8252	8.0758	-3.22	3.10
78	7.3264	7.5679	7.8078	-3.19	3.07
79	7.0891	7.3202	7.5499	-3.16	3.04
80	6.8605	7.0818	7.3018	-3.12	3.01
81	6.6403	6.8522	7.0629	-3.09	2.98
82	6.4282	6.6311	6.8329	-3.06	2.95
83	6.2239	6.4182	6.6115	-3.03	2.92
84	6.0269	6.2131	6.3982	-3.00	2.89
85	5.8371	6.0154	6.1928	-2.96	2.86
86	5.6542	5.8249	5.9949	-2.93	2.84
87	5.4777	5.6413	5.8042	-2.90	2.81
88	5.3076	5.4644	5.6205	-2.87	2.78
89	5.1435	5.2937	5.4433	-2.84	2.75
90	4.9853	5.1292	5.2726	-2.81	2.72
91	4.8326	4.9705	5.1079	-2.77	2.69
92	4.6852	4.8174	4.9492	-2.74	2.66
93	4.5430	4.6697	4.7960	-2.71	2.63
94	4.4058	4.5272	4.6483	-2.68	2.61
95	4.2733	4.3896	4.5058	-2.65	2.58
96	4.1453	4.2568	4.3683	-2.62	2.55
97	4.0218	4.1287	4.2355	-2.59	2.52
98	3.9024	4.0049	4.1074	-2.56	2.50
99	3.7872	3.8854	3.9837	-2.53	2.47
100	3.6758	3.7700	3.8643	-2.50	2.44
101	3.5661	3.6585	3.7512	-2.53	2.47
102	3.4601	3.5509	3.6419	-2.56	2.50
103	3.3577	3.4468	3.5362	-2.59	2.53
104	3.2588	3.3463	3.4341	-2.61	2.56
105	3.1632	3.2491	3.3353	-2.64	2.58
106	3.0708	3.1551	3.2398	-2.67	2.61
107	2.9816	3.0643	3.1475	-2.70	2.64
108	2.8953	2.9765	3.0582	-2.73	2.67
109	2.8118	2.8915	2.9717	-2.76	2.70
110	2.7311	2.8093	2.8881	-2.78	2.73
111	2.6531	2.7299	2.8072	-2.81	2.75
112	2.5776	2.6530	2.7289	-2.84	2.78
113	2.5046	2.5785	2.6531	-2.87	2.81
114	2.4340	2.5065	2.5798	-2.89	2.84
115	2.3656	2.4368	2.5087	-2.92	2.87
116	2.2995	2.3693	2.4400	-2.95	2.90
117	2.2354	2.3040	2.3733	-2.98	2.92
118	2.1734	2.2407	2.3088	-3.00	2.95
119	2.1134	2.1795	2.2463	-3.03	2.97
120	2.0553	2.1201	2.1858	-3.06	3.01
121	1.9991	2.0626	2.1271	-3.08	3.03
122	1.9446	2.0070	2.0702	-3.11	3.05
123	1.8918	1.9530	2.0151	-3.13	3.08
124	1.8406	1.9007	1.9617	-3.16	3.11
125	1.7911	1.8500	1.9099	-3.18	3.14
126	1.7430	1.8009	1.8597	-3.22	3.16
127	1.6965	1.7533	1.8110	-3.24	3.19
128	1.6514	1.7071	1.7638	-3.26	3.21
129	1.6076	1.6623	1.7180	-3.29	3.24
130	1.5652	1.6189	1.6736	-3.32	3.27

12. SENSOR PARAMETER

2. THE PARAMETER OF THE OTHER SENSOR IN INDOOR AND OUTDOOR UNIT：

（R_0=15K±2%；B0/100=3450K±2%）

T [℃]	Rmin [KΩ]	Rnom [KΩ]	Rmax [KΩ]	DR(MIN)%	DR(MAX)%
-30	60.78	64.77	68.99	-6.16	6.12
-29	57.75	61.36	65.16	-5.88	5.83
-28	54.89	58.15	61.58	-5.61	5.57
-27	52.19	55.14	58.23	-5.35	5.31
-26	49.63	52.30	55.08	-5.11	5.05
-25	47.21	49.62	52.13	-4.86	4.81
-24	44.92	47.10	49.37	-4.63	4.60
-23	42.76	44.73	46.78	-4.40	4.38
-22	40.71	42.49	44.34	-4.19	4.17
-21	38.77	40.38	42.05	-3.99	3.97
-20	36.93	38.39	39.90	-3.80	3.78
-19	35.18	36.51	37.87	-3.64	3.59
-18	33.53	34.74	35.97	-3.48	3.42
-17	31.96	33.06	34.17	-3.33	3.25
-16	30.48	31.47	32.49	-3.15	3.14
-15	29.07	29.97	30.89	-3.00	2.98
-14	27.73	28.56	29.39	-2.91	2.82
-13	26.46	27.22	27.98	-2.79	2.72
-12	25.26	25.95	26.64	-2.66	2.59
-11	24.11	24.75	25.38	-2.59	2.48
-10	23.03	23.61	24.19	-2.46	2.40
-9	21.99	22.53	23.06	-2.40	2.30
-8	21.01	21.51	22.00	-2.32	2.23
-7	20.08	20.54	20.99	-2.24	2.14
-6	19.19	19.62	20.04	-2.19	2.10
-5	18.35	18.74	19.14	-2.08	2.09
-4	17.55	17.92	18.29	-2.06	2.02
-3	16.78	17.13	17.48	-2.04	2.00
-2	16.06	16.38	16.71	-1.95	1.97
-1	15.36	15.67	15.98	-1.98	1.94
0	14.70	15.00	15.29	-2.00	1.90
1	14.08	14.36	14.64	-1.95	1.91
2	13.48	13.75	14.02	-1.96	1.93
3	12.91	13.17	13.43	-1.97	1.94
4	12.36	12.62	12.87	-2.06	1.94
5	11.85	12.09	12.34	-1.99	2.03
6	11.35	11.59	11.83	-2.07	2.03
7	10.88	11.11	11.35	-2.07	2.11
8	10.43	10.66	10.89	-2.16	2.11
9	9.999	10.230	10.450	-2.26	2.11
10	9.590	9.816	10.040	-2.30	2.23
11	9.199	9.422	9.647	-2.37	2.33
12	8.826	9.047	9.269	-2.44	2.40
13	8.470	8.689	8.910	-2.52	2.48
14	8.129	8.347	8.567	-2.61	2.57
15	7.804	8.021	8.240	-2.71	2.66
16	7.493	7.709	7.928	-2.80	2.76
17	7.196	7.412	7.630	-2.91	2.86
18	6.912	7.127	7.346	-3.02	2.98
19	6.640	6.855	7.074	-3.14	3.10
20	6.381	6.595	6.815	-3.24	3.23
21	6.132	6.347	6.567	-3.39	3.35
22	5.894	6.109	6.330	-3.52	3.49

12. SENSOR PARAMETER

T [℃]	Rmin [KΩ]	Rnom [KΩ]	Rmax [KΩ]	DR(MIN)%	DR(MAX)%
23	5.667	5.882	6.103	-3.66	3.62
24	5.449	5.664	5.886	-3.80	3.77
25	5.240	5.456	5.678	-3.96	3.91
26	5.048	5.260	5.478	-4.03	3.98
27	4.864	5.072	5.286	-4.10	4.05
28	4.687	4.891	5.101	-4.17	4.12
29	4.517	4.717	4.924	-4.24	4.20
30	4.355	4.550	4.753	-4.29	4.27
31	4.198	4.390	4.589	-4.37	4.34
32	4.048	4.236	4.431	-4.44	4.40
33	3.904	4.089	4.280	-4.52	4.46
34	3.766	3.946	4.134	-4.56	4.55
35	3.663	3.810	3.994	-3.86	4.61
36	3.506	3.679	3.859	-4.70	4.66
37	3.383	3.552	3.729	-4.76	4.75
38	3.265	3.431	3.604	-4.84	4.80
39	3.152	3.314	3.484	-4.89	4.88
40	3.043	3.202	3.368	-4.97	4.93
41	2.938	3.094	3.257	-5.04	5.00
42	2.838	2.990	3.149	-5.08	5.05
43	2.741	2.890	3.046	-5.16	5.12
44	2.648	2.793	2.946	-5.19	5.19
45	2.558	2.701	2.850	-5.29	5.23
46	2.472	2.611	2.758	-5.32	5.33
47	2.389	2.525	2.669	-5.39	5.40
48	2.309	2.443	2.583	-5.49	5.42
49	2.232	2.363	2.500	-5.54	5.48
50	2.158	2.286	2.421	-5.60	5.58
51	2.087	2.212	2.344	-5.65	5.63
52	2.018	2.140	2.269	-5.70	5.69
53	1.952	2.072	2.198	-5.79	5.73
54	1.888	2.005	2.129	-5.84	5.82
55	1.827	1.941	2.062	-5.87	5.87
56	1.767	1.880	1.998	-6.01	5.91
57	1.710	1.820	1.936	-6.04	5.99
58	1.655	1.763	1.876	-6.13	6.02
59	1.602	1.707	1.818	-6.15	6.11
60	1.551	1.654	1.762	-6.23	6.13
61	1.502	1.602	1.709	-6.24	6.26
62	1.452	1.553	1.657	-6.50	6.28
63	1.409	1.505	1.606	-6.38	6.29
64	1.364	1.458	1.558	-6.45	6.42
65	1.322	1.413	1.511	-6.44	6.49
66	1.280	1.370	1.466	-6.57	6.55
67	1.241	1.328	1.422	-6.55	6.61
68	1.202	1.288	1.379	-6.68	6.60
69	1.165	1.249	1.339	-6.73	6.72
70	1.129	1.211	1.299	-6.77	6.77
71	1.095	1.175	1.261	-6.81	6.82
72	1.061	1.140	1.224	-6.93	6.86
73	1.029	1.106	1.188	-6.96	6.90
74	0.9977	1.073	1.153	-7.02	6.94
75	0.9676	1.041	1.120	-7.05	7.05
76	0.9385	1.011	1.088	-7.17	7.08
77	0.9104	0.9810	1.056	-7.20	7.10
78	0.8833	0.9523	1.026	-7.25	7.18

12. SENSOR PARAMETER

T [℃]	Rmin [KΩ]	Rnom [KΩ]	Rmax [KΩ]	DR(MIN)%	DR(MAX)%
79	0.8570	0.9246	0.9971	-7.31	7.27
80	0.8316	0.8977	0.9687	-7.36	7.33
81	0.8071	0.8717	0.9412	-7.41	7.38
82	0.7834	0.8466	0.9146	-7.47	7.43
83	0.7604	0.8223	0.8888	-7.53	7.48
84	0.7382	0.7987	0.8639	-7.57	7.55
85	0.7167	0.7759	0.8397	-7.63	7.60
86	0.6958	0.7537	0.8161	-7.68	7.65
87	0.6755	0.7322	0.7933	-7.74	7.70
88	0.6560	0.7114	0.7712	-7.79	7.75
89	0.6371	0.6913	0.7498	-7.84	7.80
90	0.6188	0.6718	0.7291	-7.89	7.86
91	0.6011	0.6530	0.7051	-7.95	7.39
92	0.5840	0.6348	0.6897	-8.00	7.96
93	0.5674	0.6171	0.6709	-8.05	8.02
94	0.5514	0.6000	0.6527	-8.10	8.07
95	0.5359	0.5835	0.6350	-8.16	8.11
96	0.5209	0.5675	0.6179	-8.21	8.16
97	0.5064	0.5519	0.6014	-8.24	8.23
98	0.4923	0.5369	0.5853	-8.31	8.27
99	0.4787	0.5224	0.5698	-8.37	8.32
100	0.4655	0.5083	0.5547	-8.42	8.36
101	0.4528	0.4946	0.5401	-8.45	8.42
102	0.4404	0.4814	0.5259	-8.52	8.46
103	0.4284	0.4685	0.5121	-8.56	8.51
104	0.4168	0.4561	0.4988	-8.62	8.56
105	0.4056	0.4440	0.4859	-8.65	8.62
106	0.3947	0.4323	0.4733	-8.70	8.66
107	0.3841	0.4210	0.4611	-8.76	8.70
108	0.3739	0.4100	0.4493	-8.80	8.75
109	0.3640	0.3993	0.4379	-8.84	8.81
110	0.3544	0.3890	0.4267	-8.89	8.84
111	0.3450	0.3789	0.4159	-8.95	8.90
112	0.3360	0.3692	0.4055	-8.99	8.95
113	0.3272	0.3597	0.3953	-9.04	9.01
114	0.3187	0.3505	0.3854	-9.07	9.06
115	0.3104	0.3416	0.3758	-9.13	9.10
116	0.3024	0.3330	0.3665	-9.19	9.14
117	0.2947	0.3246	0.3574	-9.21	9.18
118	0.2871	0.3164	0.3468	-9.26	8.77
119	0.2798	0.3085	0.3401	-9.30	9.29
120	0.2727	0.3008	0.33	-9.34	9.34

12. SENSOR PARAMETER

B25/50=3950K±3% R25=15KΩ±3%

Temp	Resistance（KΩ）		
（℃）	Rmax	R(t)Normal	Rmin
-30	250.952	230.189	209.426
-29	236.568	217.234	197.900
-28	223.091	205.085	187.078
-27	210.459	193.686	176.913
-26	198.614	182.987	167.360
-25	187.503	172.942	158.380
-24	177.077	163.506	149.935
-23	167.288	154.639	141.989
-22	158.095	146.303	134.511
-21	149.458	138.464	127.470
-20	141.341	131.090	120.839
-19	134.087	124.486	114.885
-18	127.219	118.227	109.235
-17	120.715	112.294	103.873
-16	114.556	106.671	98.786
-15	108.724	101.342	93.960
-14	103.202	96.291	89.380
-13	97.972	91.503	85.034
-12	93.020	86.965	80.910
-11	88.330	82.663	76.996
-10	83.889	78.585	73.281
-9	79.683	74.720	69.757
-8	75.698	71.055	66.412
-7	71.925	67.581	63.237
-6	68.349	64.286	60.223
-5	64.962	61.162	57.362
-4	61.754	58.200	54.646
-3	58.713	55.390	52.067
-2	55.833	52.726	49.619
-1	53.102	50.198	47.294
0	50.514	47.800	45.086
1	48.061	45.525	42.989
2	45.735	43.366	40.997
3	43.530	41.317	39.104
4	41.440	39.373	37.306
5	39.457	37.527	35.597
6	37.576	35.775	33.974
7	35.792	34.111	32.430
8	34.100	32.532	30.964
9	32.494	31.031	29.568
10	30.970	29.606	28.242
11	29.523	28.252	26.981
12	28.150	26.966	25.782
13	26.846	25.743	24.640
14	25.608	24.581	23.554

12. SENSOR PARAMETER

Temp	Resistance（KΩ）		
（℃）	Rmax	R(t)Normal	Rmin
15	24.433	23.477	22.521
16	23.315	22.426	21.537
17	22.254	21.428	20.602
18	21.246	20.478	19.710
19	20.288	19.575	18.862
20	19.377	18.715	18.053
21	18.511	17.897	17.283
22	17.688	17.119	16.550
23	16.903	16.377	15.851
24	16.159	15.672	15.185
25	15.450	15.000	14.550
26	14.802	14.360	13.918
27	14.183	13.750	13.317
28	13.595	13.170	12.745
29	13.033	12.616	12.199
30	12.496	12.088	11.680
31	11.985	11.585	11.185
32	11.498	11.106	10.714
33	11.032	10.648	10.264
34	10.588	10.212	9.836
35	10.163	9.795	9.427
36	9.758	9.398	9.038
37	9.371	9.019	8.667
38	9.001	8.656	8.311
39	8.648	8.311	7.974
40	8.310	7.980	7.650
41	7.988	7.665	7.342
42	7.678	7.363	7.048
43	7.383	7.075	6.767
44	7.102	6.800	6.498
45	6.832	6.537	6.242
46	6.573	6.285	5.997
47	6.326	6.044	5.762
48	6.089	5.814	5.539
49	5.862	5.593	5.324
50	5.645	5.382	5.119
51	5.437	5.180	4.923
52	5.238	4.987	4.736
53	5.047	4.801	4.555
54	4.864	4.624	4.384
55	4.689	4.454	4.219
56	4.520	4.291	4.062
57	4.359	4.135	3.911
58	4.204	3.985	3.766
59	4.055	3.841	3.627
60	3.913	3.704	3.495
61	3.775	3.571	3.367
62	3.645	3.445	3.245

12. SENSOR PARAMETER

Temp	Resistance（KΩ）		
（℃）	Rmax	R(t)Normal	Rmin
63	3.518	3.323	3.128
64	3.397	3.206	3.015
65	3.280	3.094	2.908
66	3.168	2.986	2.804
67	3.061	2.883	2.705
68	2.957	2.783	2.609
69	2.858	2.688	2.518
70	2.762	2.596	2.430
71	2.670	2.508	2.346
72	2.582	2.423	2.264
73	2.496	2.341	2.186
74	2.414	2.262	2.110
75	2.335	2.187	2.039
76	2.259	2.114	1.969
77	2.186	2.044	1.902
78	2.115	1.977	1.839
79	2.047	1.912	1.777
80	1.981	1.849	1.717
81	1.918	1.789	1.660
82	1.857	1.731	1.605
83	1.799	1.675	1.551
84	1.742	1.621	1.500
85	1.687	1.569	1.451
86	1.635	1.519	1.404
87	1.585	1.472	1.359
88	1.536	1.426	1.315
89	1.490	1.381	1.273
90	1.445	1.338	1.232
91	1.401	1.297	1.193
92	1.359	1.257	1.156
93	1.318	1.219	1.119
94	1.279	1.182	1.084
95	1.241	1.146	1.050
96	1.205	1.111	1.018
97	1.169	1.078	0.986
98	1.135	1.046	0.956
99	1.102	1.015	0.927
100	1.070	0.984	0.898
101	1.040	0.955	0.871
102	1.010	0.927	0.845
103	0.981	0.900	0.819
104	0.953	0.874	0.795
105	0.926	0.849	0.771

13. Troubleshooting

13.1 Trouble guide

Troubleshooting for normal malfunction

Troubleshooting	Possible Reasons of Abnormality	How to Deal With
Air conditioner can not start up	1. Power supply failure; 2. Trip of breaker or blow of fuse; 3. Power voltage is too low; 4. Improper setting of remote controller; 5. Remote controller is short of power.	1. Check power supply circuit; 2. Measure insulation resistance to ground to see if there is any leakage; 3. Check if there is a defective contact or leak current in the power supply circuit; 4. Check and set remote controller again; 5. Change batteries.
The compressor starts or stops frequently	The airinlet and outlet have been blocked.	Remove obstacles.
Poor cooling/heating	1. The outdoor heat exchanger is dirty, such as condenser; 2. There are heating devices indoors; 3. The airtightness is not enough, and people come in and out too frequently; 4. Block of outdoor heate xchanger; 5. Improper setting of temperature.	1. Clean the heat exchanger of the outdoor unit, such as condenser; 2. Remove heating devices; 3. Keep certain air tightness indoors; 4. Remove block obstacles; 5. Check and try to set temperature again.
Sound from deforming parts	During system starting or stopping, a sound might be heard.However, this is due to the normal deformation of plastic parts.	It is not abnormal, and the sound will disappear soon.
Waterleakage	1. Drainage pipe is blocked or broken; 2. Wrap of refrigerant pipe joint is not closed completely.	1. Change drainage pipe; 2. Re-wrap and make it tight.

13. TROUBLESHOOTING

How to check fault codes

Troubleshooting according to fault codes

When the air conditioner failure occurs, the fault code will display on control board, or maintenance board.

Outdoor unit

Fault code displayed by LED lamps on outdoor main control board.

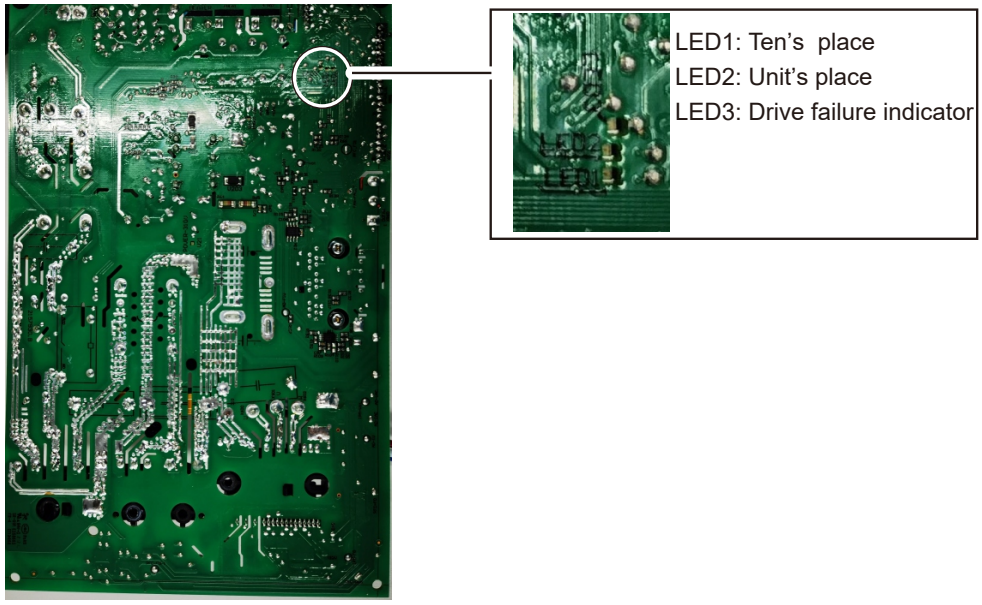
There are 3 LED lamps on control board, LED1, LED2 and LED3.

LED1 indicates fault code represented by 2-digit number, LED2 indicates fault code represented by single digit number and LED3 indicates outdoor drive control fault. When LED3 is off, LED1 and LED 2 indicate main control fault code.

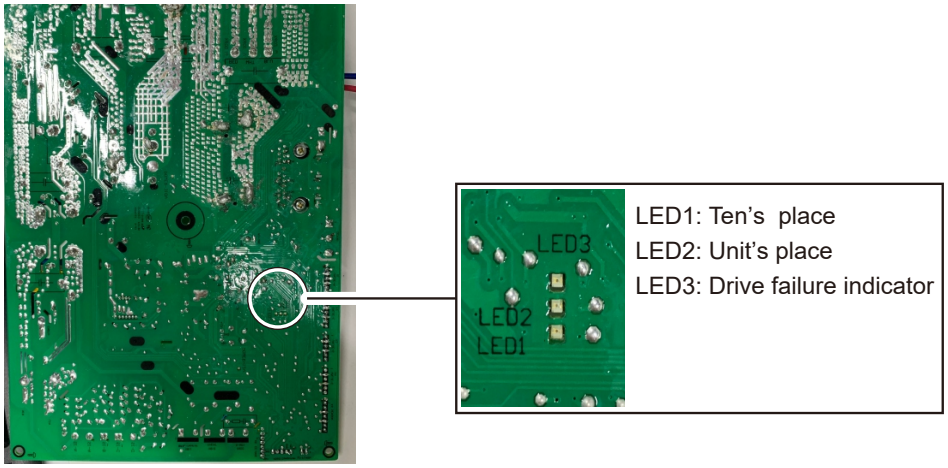
When LED3 is on, LED1 and LED 2 indicate drive control fault code.

When LED3 is flickering and LED1, LED 2 are all off, indicate compressor is preheating. Failures display with 5s interval. It means LED will be off for 5s to report next fault code. System protection codes display method is the same with main control fault code. LED lamps will be off when there is no failure, protection or preheating.

12K~18K

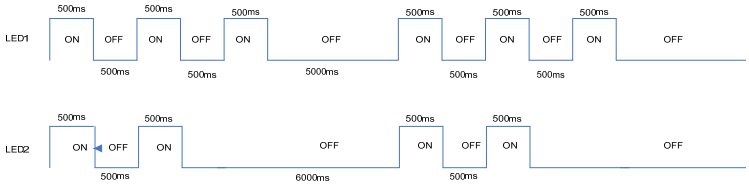


21K~27K

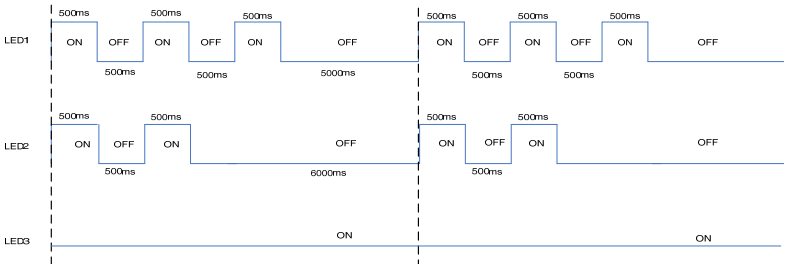


13. TROUBLESHOOTING

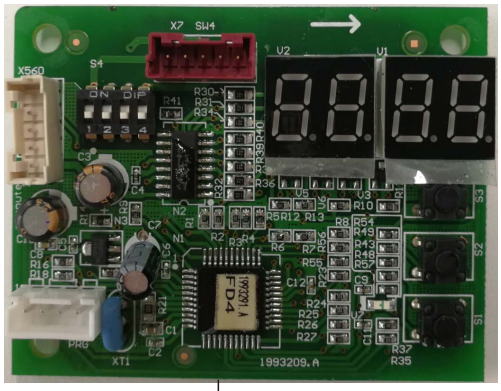
For example, outdoor main control fault 32:



For example, outdoor drive fault 32:



For 21K~27K, fault codes also can be checked by 7 segment display on the maintenance board. Fault codes will display directly when fault occurs.



Maintenance Board



E shows failure occur

Display ERROR Code

13. TROUBLESHOOTING

13.2 Fault codes

Table 1 Outdoor fault codes

Fault code	Fault description	Possible reasons for abnormality	How to deal with	Remarks
1	Outdoor ambient temperature sensor fault	1.The outdoor ambient temperature sensor is connected loosely; 2.The outdoor ambient temperature sensor fails to work; 3.The sampling circuit fails.	1.Reconnect the outdoor ambient temperature sensor; 2.Replace the outdoor ambient temperature sensor components; 3.Replace the outdoor control board components.	
2	Outdoor coil temperature sensor fault	1.The outdoor coil temperature sensor is connected loosely; 2.The outdoor coil temperature sensor fails to work; 3.The sampling circuit fails.	1.Reconnect the outdoor coil temperature sensor; 2.Replace the outdoor coil temperature sensor components; 3.Replace the outdoor control board components.	
3	The unit over-current turn off fault	1. Control board current sampling circuit fails; 2. The current is over high because the supply voltage is too low; 3. The compressor is blocked; 4. Overload in cooling mode; 5. Overload in heating mode.	1. Replace the electrical control board components; 2. Normal protection; 3. Replace the compressor; 4. Please see Table 2; 5. Please see Table 3.	
4	EEprom Data error	1.EE components fails; 2.EE components control circuit fails; 3.EE components are inserted incorrectly.	1.Replace the EE components; 2.Replace the outdoor control board components; 3.Reassemble the EE components.	
5	Cooling freezing protection (the indoor coil temperature is too low) or heating overload (indoor coil temperature is too high)	1.The indoor unit can not blow air normally; 2.The room temperature is too low in cooling mode or the room temperature is too high in heating; 3.The filter is dirty; 4.The duct resistance is too high to result in low air flow; 5.The setting fan speed is too low; 6.The indoor unit is not installed in accordance with the installation standards, and the air inlet is too close to the air outlet .	1.Check whether the indoor fan, indoor fan motor and evaporator work normally; 2.Normal protection; 3.Clean the filter; 4.Check the volume control valve, duct length etc.; 5.Set the speed with high speed; 6.Reinstall the indoor unit referring to the user manual to change the distance between the indoor unit and the wall or ceiling.	
7	The communication fault between the indoor unit and outdoor unit	1.The connection cable is connected improperly between the indoor unit and outdoor unit; 2.The communication cable is connected loosely; 3.The communication cable fails; 4.The indoor control board fails; 5.The outdoor control board fails; 6.Communication circuit fuse open; 7.The specification of communication cable is incorrect.	1.Reconnect the connection cable referring to the wiring diagram; 2.Reconnect the communication cable; 3.Replace the communication cable; 4.Replace the indoor control board; 5.Replace the outdoor control board; 6.Check the communication circuit, adjust the DIP switch and the short-circuit fuse. 7.Choose suitable communication cable referring to the user manual.	

13. TROUBLESHOOTING

Fault code	Fault description	Possible reasons for abnormality	How to deal with	Remarks
13	Compressor overheat protector device	1. The wiring of the overload protector is connected loosely. 2. The overload protector fails . 3. The refrigerant is not enough; 4. The installation pipe is much longer than the normal one, but extra refrigerant is not added ; 5. The expansion valve fails; 6. The outdoor control board fails.	1. Reconnect the wiring of the overload protector; 2. Replace the overload protector; 3. Check the welding point of the unit to confirm whether it is leakage, and then recharge the refrigerant; 4. Add the refrigerant; 5. Replace expansion valve; 6. Replace the outdoor control board.	
16	Overload protection in cooling mode	System overload	Please refer to Table 2.	
17	Discharge temperature sensor fault	1.The wiring of the discharge tempe-rature sensor is connected loosely; 2. The discharge temperature sensor fails; 3.The sampling circuit is abnormal.	1. Reconnect the wiring of the discharge temperature sensor; 2. Replace the discharge temperature sensor; 3. Replace the outdoor control board.	
18	AC voltage is abnormal	1.The AC voltage>275V or <160V; 2.The AC voltage of sampling circuit on the driver board is abnormal.	1. Normal protection, please check the supply power; 2. Replace the driver board.	
19	Suction temperature sensor fault	1.The wiring of the suction tempe-rature sensor is connected loosely; 2.The suction temperature sensor fails; 3.The sampling circuit is abnormal.	1.Reconnect the wiring of the suction temperature sensor; 2.Replace the suction temperature sensor; 3.Replace the outdoor control board.	
22	The defrosting sensor fault	1. The wiring of the defrosting sensor is connected loosely; 2. The defrosting sensor fails; 3. The sampling circuit is abnormal.	1. Reconnect the wiring of the defrosting sensor; 2. Replace the defrosting sensor; 3. Replace the outdoor control board.	
23	Expansion valve A pipe (liquid) sensor fault	1. The wiring of the sensor for the expansion valve A(liquid pipe) is connected loosely; 2. The sensor for the expansion A (liquid pipe) fails; 3. The sampling circuit is abnormal.	1. Reconnect the wiring of the sensor for the expansion valve A (liquid pipe); 2. Replace the sensor for the expansion valve A (liquid pipe); 3. Replace the outdoor control board.	
24	Expansion valve B (liquid) pipe sensor fault	1. The wiring of the sensor for the expansion valve B (liquid pipe) is connected loosely; 2.The sensor for the expansion valve B(liquid pipe) fails; 3.The sampling circuit is abnormal.	1. Reconnect the wiring of the sensor for the expansion valve B(liquid pipe); 2. Replace the sensor for the expansion valve B(liquid pipe); 3. Replace the outdoor control board.	
25	Expansion valve C (liquid) pipe sensor fault	1. The wiring of the sensor for the expansion valve C (liquid pipe) is connected loosely; 2. The sensor of the expansion valve C (liquid pipe) fails; 3. The sampling circuit fails.	1. Reconnect the wiring of the sensor for the expansion valve C (liquid pipe); 2. Replace the sensor for the expansion valve C (liquid pipe); 3. Replace the outdoor control board.	

13. TROUBLESHOOTING

Fault code	Fault description	Possible reasons for abnormality	How to deal with	Remarks
26	Expansion valve D (liquid) pipe sensor fault	1. The wiring of the sensor for the expansion valve D (liquid pipe) is connected loosely; 2. The sensor of the expansion valve D (liquid pipe) fails; 3. The sampling circuit fails.	1. Reconnect the wiring of the sensor for the expansion valve D (liquid pipe); 2. Replace the sensor for the expansion valve D (liquid pipe); 3. Replace the outdoor control board.	
27	Expansion valve A (gas pipe) sensor fault	1. The wiring of the sensor for the expansion valve A (gas pipe) is connected loosely; 2. The sensor of the expansion valve A (gas pipe) fails; 3. The sampling circuit fails.	1. Reconnect the wiring of the sensor for the expansion valve A (gas pipe); 2. Replace the sensor for the expansion valve A (gas pipe); 3. Replace the outdoor control board.	
28	Expansion valve B (gas pipe) sensor fault	1. The wiring of the sensor for the expansion valve B (gas pipe) connect is connected loosely; 2. The sensor of the expansion valve B (gas pipe) fails; 3. The sampling circuit fails.	1. Reconnect the wiring of the sensor for the expansion valve B (gas pipe); 2. Replace the sensor for the expansion valve B (gas pipe); 3. Replace the outdoor control board.	
29	Expansion valve C (gas pipe) sensor fault	1. The wiring of the sensor for the expansion valve B (gas pipe) connect is connected loosely; 2. The sensor of the expansion valve C (gas pipe) fails; 3. The sampling circuit fails.	1. Reconnect the wiring of the sensor for the expansion valve B (gas pipe); 2. Replace the sensor for the expansion valve C (gas pipe); 3. Replace the outdoor control board.	
30	Expansion valve D (gas pipe) sensor fault	1. The wiring of the sensor for the expansion valve B (gas pipe) connect is connected loosely; 2. The sensor of the expansion valve D (gas pipe) fails; 3. The sampling circuit fails.	1. Reconnect the wiring of the sensor for the expansion valve B (gas pipe); 2. Replace the sensor for the expansion valve D (gas pipe); 3. Replace the outdoor control board.	
45	IPM fault	There are many reasons for this failure. You can check the driver board fault LED to further analyze the fault code of the drive board and to learn about what leads to the fault and how to operate it. Specific information can be seen in table 4.	See attached "analysis of the driving board fault".	
46	IPM and control board communication fault	1.The control board and the driver board is loose; 2.The cable between the control board and the driver board fails; 3.The driver board fails; 4.The control board fails.	1.Reconnect the communication cable ; 2.Replace the communication cable; 3.Replace the driver board; 4.Replace the control board.	

13. TROUBLESHOOTING

Fault code	Fault description	Possible reasons for abnormality	How to deal with	Remarks
47	Discharge temperature is too high	1. The refrigerant of the unit is not enough; 2. The refrigerant of the unit is not enough ; 3. Throttling service fails; 4. The outdoor ambient temperature is too high.	1. Check to confirm whether there is leakage exist; 2. Add some refrigerant referring to the installation user manual; 3.Replace the throttling service(such as capillary, expansion valve) 4. Normal protection.	
48	The outdoor DC fan motor fault (upper fan motor)	1.The connecting wiring of the up DC fan motor is loose; 2.The cord of the upper DC fan motor fails; 3.The upper DC fan motor fails; 4.The drive circuit of the upper DC fan motor fails; 5.The outdoor fan has been blocked.	1.Reconnect the wiring of the up DC fan motor; 2.Replace the upper DC fan motor; 3.Replace the upper DC fan motor; 4.Replace the driver board of the fan motor; 5.Check the outdoor fan and ensure the outdoor fan can run normally.	
67	Fan of IPM device overheat protect	1. The fan of IPM is overload; 2. The circuit of IPM fails.	1. Normal protection; 2. Replace the IPM.	
91	The unit turn off due the IPM board over heating fault	1.The outdoor ambient temp. is too high; 2.The speed of the out fan motor is too low if the fan motor is AC fan motor; 3.The outdoor unit is not installed in accordance with the standard; 4.The supply power is too low.	1. Normal protection; 2. Check the fan capacitor, and replace the fan capacitor if it is failure; 3. Reinstalled the outdoor unit refer to the installation user manual; 4. Normal protection.	
96	Lacking of refrigerant	The refrigerant of the unit is not enough.	Discharge the refrigerant and charge the refrigerant referring to the rating label.	
97	4-way valve commutation failure fault	1.The connecting wiring of the 4-way valve coil is loose; 2.The 4-way valve coil fails; 3.The 4-way valve fails; 4.The driver board of the 4-way valve fails.	1. Reconnect the wiring of the 4-way valve; 2. Replace the 4-way valve coil; 3. Replace the 4-way valve; 4.Replace the driver board of the 4-way valve.	

13. TROUBLESHOOTING

Table 2 Overload in cooling mode

	Overload in cooling mode	
sr.	**The root cause**	**Corrective measure**
1	The refrigerant is excessive.	Discharge the refrigerant, and recharge the refrigerant referring to the rating label.
2	The outdoor ambient temperature is too high.	Please use it within allowable temperature range
3	Short-circuit occurs in the air outlet and air inlet of the outdoor unit.	Adjust the installation of the outdoor unit referring to the user manual.
4	The outdoor heat exchanger is dirty, such as condenser.	Clean the heat exchanger of the outdoor unit, such as condenser.
5	The speed of the outdoor fan motor is too low.	Check the outdoor fan motor and fan capacitor.
6	The outdoor fan is broken or the outdoor fan is blocked.	Check the outdoor fan.
7	The air inlet and outlet have been blocked.	Remove the obstacles.
8	The expansion valve or the capillary fails.	Replace the expansion valve or the capillary.

Table 3 Overload in heating mode

	Overload in heating mode	
sr.	**The root cause**	**Corrective measure**
1	The refrigerant is excessive.	Discharge the refrigerant, and recharge the refrigerant referring to the rating label.
2	The indoor ambient temperature is too high.	Please use within allowable temperature range.
3	Short-circuit occurs in the air outlet and air inlet of the indoor unit.	Adjust the installation of the indoor unit referring to the user manual.
4	The indoor filter is dirty.	Clean the indoor filter.
5	The speed of the indoor fan motor is too low.	Check the indoor fan motor and fan capacitor.
6	The indoor fan is broken or the outdoor fan is blocked.	Check the indoor fan.
7	The air inlet and outlet have been blocked.	Remove the obstacles.
8	The expansion valve or the capillary fails.	Replace the expansion valve or the capillary.

Table 4 Analysis of the driving board fault

Fault code	Fault description	Possible reasons for abnormality	How to deal with
1	Inverter DC voltage overload fault	1. Power supply input is too high or too low; 2. Driver board fault.	1. Check the power supply; 2. Change the driver board.
2	Inverter DC low voltage fault		
3	Inverter AC current overload fault		
4	Out-of-step detection	1. Compressor phase lost; 2. Bad driver board components; 3. The compressor insulation fault.	1. Check the compressor wire connection; 2. Change the driver board; 3. Change the compressor.
5	Loss phase detection fault (speed pulsation)		
6	Loss phase detection fault (current imbalance)		
7	Inverter IPM fault (edge)	1. System overload or current overload; 2. Driver board fault; 3. Compressor oil shortage, serious wear of crankshaft ; 4. The compressor insulation fault.	1. Check the system; 2. Change the driver board; 3. Change the compressor; 4. Change the compressor.
8	Inverter IPM fault (level)		
9	PFC fault (edge)		
10	PFC fault (level)		
11	PFC power detection of failure	1. The power supply is not stable; 2. Instantaneous power failure; 3. Driver board failure.	1. Check the power supply; 2. No need to deal with; 3. Change the driver board.
12	PFC overload current detection of failure.	1. System overloads, and the current is too high; 2. Driver board fails; 3. PFC fails.	1.Check the system; 2.Change the driver board; 3.Change the PFC.
13	DC voltage detected abnormal .	1. Input voltage is too high or too low; 2. Driver board fails.	1. Check the power supply; 2. Change the driver board.
14	PFC LOW voltage detected failure.		
15	AD offset abnormal detected failure.	Driver board fails.	Change the driver board.
16	Inverter PWM logic set fault.		
17	Inverter PWM initialization failure		
18	PFC_PWM logic set fault.		
19	PFC_PWM initialization fault.		
20	Temperature abnormal.		
21	Shunt resistance unbalance adjustment fault		
22	Communication failure.	1. Communication wire connection is not proper; 2. Driver board fails; 3. Control board fails.	1. Check the wiring; 2. Change the driver board; 3. Change the control board.
23	Motor parameters setting of failure	Initialization is abnormal.	Reset the power supply.
25	EE data abnormal	Driver board EEPROM is abnormal.	1. Change EEPROM; 2. Change the driver board.
26	DC voltage mutation error	1. Power input changes suddenly; 2. Driver board fails.	1.Check the power supply, to provide stable power supply; 2.Change the driver board.
27	D axis current control error	1. System overload, phase current is too high; 2. Driver board fails.	1. Check if the system is normal; 2. Check if the stop valve is open; 3. Change the driver board.
28	Q axis current control error	1. System overload, phase current is too high; 2. Driver board fails.	1. Check if the system is normal; 2. Check if the stop valve is open; 3. Change the driver board.
29	Saturation error of D axis current control integral	1. System overloads suddenly; 2. Compressor parameter is not suitable; 3. Driver board fails.	1. Check if the system is normal; 2. Check if the stop valve is open; 3. Change the driver board.
30	Saturation error of Q axis current control integral	1. System overloads suddenly; 2. Compressor parameter is not suitable; 3. Driver board fails.	1. Check if the system is normal; 2. Check if the stop valve is open; 3. Change the driver board.

13. TROUBLESHOOTING

Fault code	Fault description	Possible reasons for abnormality	How to deal with
50	Inverter software over-current	1. The fan motor system overloads; 2. The drive board falis; 3. The fan motor is not insulated well;	1. Change the fan motor; 2. Change the drive board; 3. Change the fan motor.
51	Out-of-step detection	1.The wire is not connected well; 2.Bad drive board components; 3.The fan motor starting overloads; 4. The fan motor is demagnetized; 5. The fan motor is not insulated well.	1.Check the fan motor wire connection; 2.Change the drive board; 3. Change the fan motor. 4. Change the fan motor. 5. Change the fan motor.
52	Abnormal speed control	1.Bad driver board components; 2.The fan motor shaft clamping; 3.The fan motor insulation fails.	1.Change the drive board; 2. Change the fan motor. 3.Change the fan motor.
53	Out of phase detection fault	1. Phase loss of the fan motor; 2. Bad drive board components.	1. Change the drive board; 2. Change the fan motor; 3. Change the fan motor
54	IPM-FO hardware over-current (edge)	1.The fan motor overloads or over-current; 2.The drive board fails; 3.The fan motor insulation fails.	1. Change the fan motor; 2. Change the drive board; 3. Change the fan motor
55	IPM-FO hardware over-current (level)	1.The fan motor overloads or over-current; 2.The drive board fails; 3.The fan motor insulation fails.	1. Change the fan motor; 2. Change the drive board; 3. Change the fan motor
56	The fan motor -AD Offset abnormal detection fault	The drive board circuit fails.	Change the drive board.
57	The fan motor speed control integral saturation	1. The fan motor overload mutation; 2. Parameters are inappropriate; 3. The drive board fault.	1. Change the fan motor system; 2. Change the fan motor; 3. Change the drive board.
58	The fan motor D,Q axis current control error	1. The fan motor overloads, the phase current is large; 2. The drive board fault.	1. Check the fan motor system; 2. Change the drive board.
59	The fan motor D,Q axis current control integral saturation	1. The fan motor overload mutation; 2. Parameters are inappropriate; 3. The drive board fault.	1. Change the fan motor system; 2. Change the fan motor; 3. Change the drive board.
60	The fan motor reverse	1. Bad drive board components; 2. Wiring problems	1. Change the drive board; 2. Check the wiring.
61	IPM-PWM initialization fault	1. EE logics error; 2. The drive board fails.	1. Change the drive board; 2. Change the drive board.

13. TROUBLESHOOTING

Table 5 Limitation Code

Code	Definitions	Descriptions
101	When overcurrent occurs, stop the frequency from increasing.	Current control
102	When overcurrent occurs, reduce the frequency.	Current control
103	When the temperature of IPM module is too high, stop the frequency from increasing.	Frequency control to keep appropriate temperature of IPM module.
104	When the temperature of IPM module is too high, reduce the frequency.	Frequency control to keep appropriate temperature of IPM module.
105	When the discharge temperature is too high, stop the frequency from increasing.	Frequency control to keep appropriate discharge temperature.
106	When the discharge temperature is too high, reduce the frequency.	Frequency control to keep appropriate discharge temperature.
107	In cooling mode, when the temperature of the outdoor unit coil is too high, stop the frequency from increasing.	Frequency control to keep appropriate temperature of the outdoor unit coil in cooling mode.
108	In cooling mode, when the temperature of the outdoor unit coil is too high, reduce the frequency.	Frequency control to keep appropriate temperature of the outdoor unit coil in cooling mode.
113	To prevent the indoor unit from being frozen or high temperature, stop the frequency from increasing.	Frequency control to keep appropriate temperature of the indoor unit coil.
114	To prevent the indoor unit from being frozen or high temperature, reduce the frequency.	Frequency control to keep appropriate temperature of the indoor unit coil.
119	When DSH exceeds the target value, the valve opening gets wider to adjust the flow.	Control on expansion valve based on DSH.
120	When DSH exceeds the target value, the valve opening gets narrower to adjust the flow.	Control on expansion valve based on DSH.
121	When DSH exceeds the target value, stop the valve opening from getting narrower.	Control on expansion valve based on DSH.
122	When DSH exceeds the target value, stop the valve opening from getting wider.	Control on expansion valve based on DSH.
131	When the temperature of IPM module is too high, stop the frequency from increasing.	Frequency control to keep appropriate temperature of IPM module.
132	When the temperature of IPM module is too high, reduce the frequency.	Frequency control to keep appropriate temperature of IPM module.
134	When the discharge temperature is too high, stop the valve opening getting narrower.	Control on discharge temperature expansion valve.
140	The compressor overloads.	Control on the compressor output.
141	The compressor current overloads.	Control on the output torque of the compressor.

※ DSH: Discharge Super Heat
These codes appearing in the operation process indicate some kind of normal operation state, instead of faults, so they do not need to be dealt with.

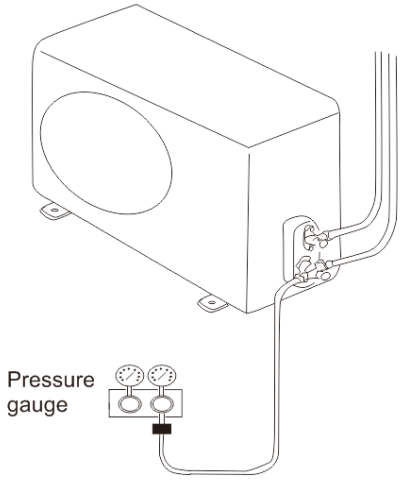
14. Checking components

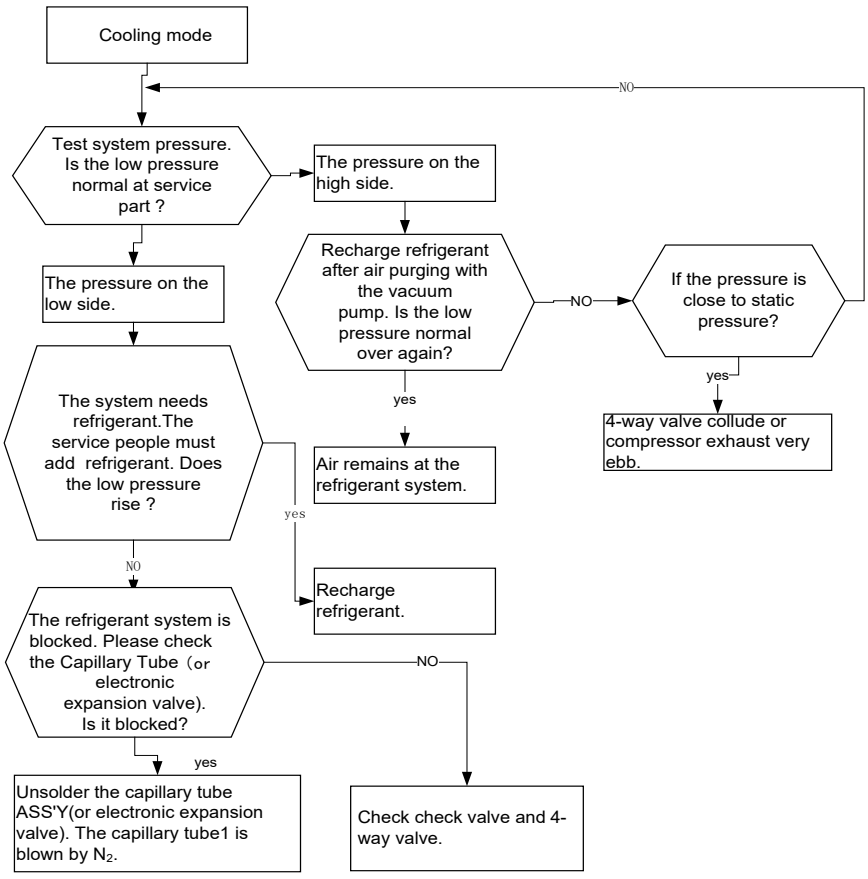
14.1 Check refrigerant system

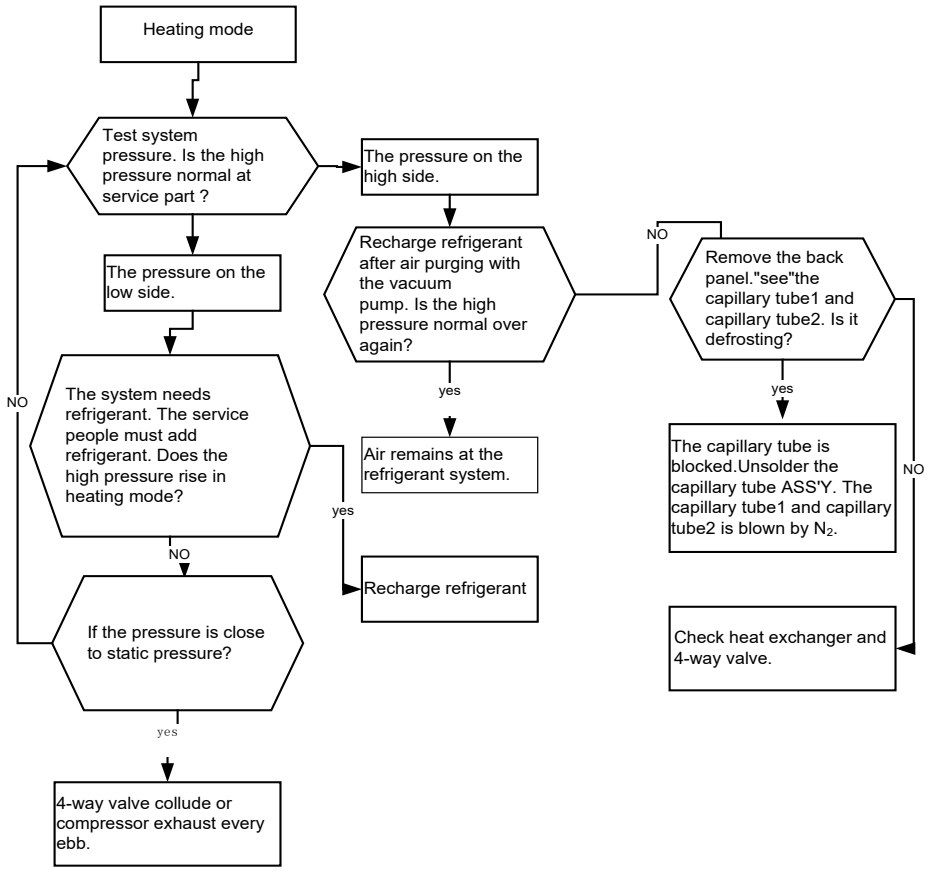
TEST SYSTEM FLOW

Conditions: ① Compressor is running.
② The air condition should be installed in good ventilation.
Tool: Pressure Gauge
Technique: ① see ② feel ③ test

See ----- Tube defrost.
Feel ----- The difference between tube's temperature.
Test ----- Test pressure.



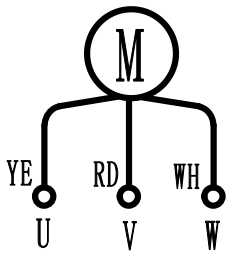




14.2 Check parts unit

1. Outdoor unit fan motor(DC type)

12K/14K model: ZWA138L03B
18K model: ZKFN-40-8-33
21K/24K/27K model: ZWB1710L00A



Test in voltage(For DC motor)

TOOL: Multimeter.

Insert screwdriver to rotate indoor fan motor slowly for 1 revolution or over, and measure voltage "YELLOW" and "GND" on motor. The voltage repeat 0V DC and 5V DC.

NOTE: Please don't hold motor by lead wires.

Please don't plug IN/OUT the motor connector while power ON.

Please don't drop hurl or dump motor against hard material. Malfunction may not be observed at early stage after such shock. But it may be found later, this type of mishandling void our warranty.

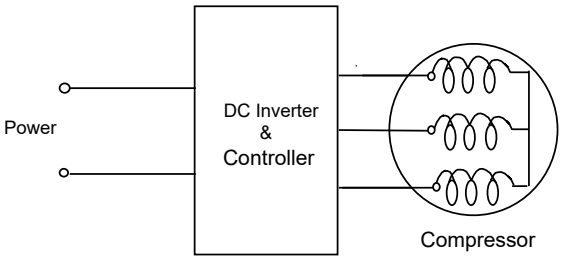
14. CHECKING COMPONENTS

2. Compressor

12K/14K: KSN108D34UFZ

18K: KTN130D42UFZ

21K/24K/27K: KTM240D43UMT



Compressor examine and repair

Test in resistance.

TOOL: Multi-meter.

Test the resistance of the winding. The compressor fails if the resistance of winding is 0 (short circuit)or∞(open circuit).

Familiar error:

1) Compressor motor lock.
2) Discharge pressure value approaches static pressure value.
3) Compressor motor winding abnormality.

Notes：

1) Don’t put a compressor on its side or turn over.
2) Please assemble the compressor in your air conditioner rapidly after removing the plugs. Don’t place the comp. in air for a long time.
3) Avoid compressor running in reverse caused by connecting electrical wire incorrectly.
4) Warning! In case AC voltage is impressed to compressor, the compressor performance will decrease because of its rotor magnetic force decreasing.

15. Disassembly procedure

Outdoor unit

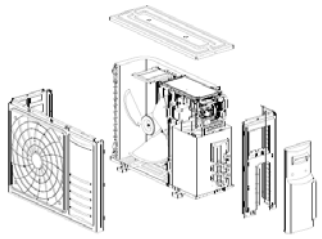
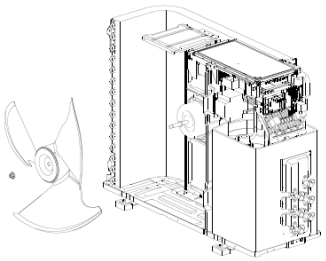
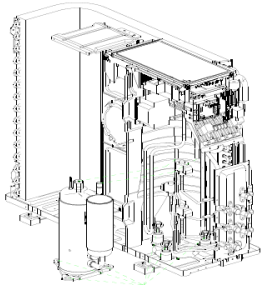
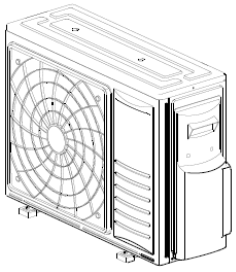
Disassembly and assembly for compressor and motor

The special tools for compressor & motor disassembly and assembly：

	Tool
1	Hexagon Screwdriver 
2	Hexagon Socket 

12K~27K

Important: Before disassembly and assembly, make sure that the power to the system has been disconnected and verified as voltage free.

Step	Illustration	Handling Instruction
1. Remove external casing		1. Remove the top cover and terminal parts; 2. Remove the outer case and right side plate.
2. Remove motor		1. Remove the blade nut and then remove the blade; 2. Remove the motor from motor supporter.
3. Remove compressor		1. Reclaim the refrigerant from the entire system; 2. Unsolder the piping assy from compressor; 3. Remove the compressor mounting bolts; 4. Carefully remove the compressor from chassis.
4. Assemble unit		Assemble the unit in the reverse order of disassembly.

Hisense

We reserve the right to change the manual without prior notice.