TRUST
Air Conditioners

TROPICAL ROOFTOP PACKAGE A SERIES

TRUST AIR CONDITIONING EQUIPMENT CO.
Prepared By: Engineering & R & D Department.

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Content

توجه:

شرکت تراست حق تغییر مشخصات دستگاه ها را در جهت بهبود و ارتقای کیفیت برای خود محفوظ می دارد.

2013-10

1. Models List

Nominal Capacity(Ton)	Model (CB04)	Function	Air Outlet	Power Supply
6.2	TMC22T3/1TA00NO1A	Cooling	Side air supply	380~415V-3N-50Hz
6.2	TME22T3/1A15NO1A	Cooling+EAH	Side air supply	380~415V-3N-50Hz
7.5	TMC26T3/1A00NO1A	Cooling	Side air supply	380~415V-3N-50Hz
7.5	TME26T3/1A14NO1A	Cooling+EAH	Side air supply	380~415V-3N-50Hz
8.5	TMC30T3/1A00NO1A	Cooling	Side air supply	380~415V-3N-50Hz
8.5	TME30T3/1A14NO1A	Cooling+EAH	Side air supply	380~415V-3N-50Hz
10	TMC35T3/1A00NO1A	Cooling	Side air supply	380~415V-3N-50Hz
10	TME35T3/1A21NO1A	Cooling+EAH	Side air supply	380~415V-3N-50Hz
12.5	TMC44T3/1A00NO1A	Cooling	Side air supply	380~415V-3N-50Hz
12.5	TME44T3/1A30NO1A	Cooling+EAH	Side air supply	380~415V-3N-50Hz
15	TMC53T3/1A00NO1A	Cooling	Side air supply	380~415V-3N-50Hz
15	TME53T3/1A30NO1A	Cooling+EAH	Side air supply	380~415V-3N-50Hz
17.5	TMC62T3/1A00NO1A	Cooling	Side air supply	380~415V-3N-50Hz
17.5	TME62T3/1A52NO1A	Cooling+EAH	Side air supply	380~415V-3N-50Hz
20	TMC70T3/1A00NO1A	Cooling	Side air supply	380~415V-3N-50Hz
20	TME70T3/1A58NO1A	Cooling+EAH	Side air supply	380~415V-3N-50Hz

2. External Appearance

6.2ton

7.5&8.5ton

10ton

12.5&15ton

17.5ton

20ton

3. Feature & Benefit

1. The adoption of anticorrosive-box

The reinforced anticorrosion by using galvanization armor plate and coated with man-composed paint. The appearance is stylish and easy for maintenance. (Has been 1000 hours salt spray test)

2. The adoption of credible protection system

2.1 The protection of compressor

High-pressure protection, low-pressure protection, compressor current protection and so on the series' protectors can ensure compressor operating normally.

Adopts independent system, except for protections of sequence and wire control output, any protection relate to its corresponding compressor. Once a compressor protection energized, the corresponding compressor will stop, as others working still.

2.2 Fan motor

The fan motors for evaporator have over-heat protection and over-current protection function. The fan motors for condenser have the temperature controller protection function.

3. Energy saving design

3.1 High Efficiency Compressor

Using professional compressor, heat exchanger and optimum connection pipe, the compressor can startup under low power input.

3.2 Condenser

By using high-efficient thin wing, the condenser has high-efficient heat exchanger, the energy waste decreases greatly.

3.3 Evaporator

By using the high-efficient, super thin wing and inner-whorl copper pipe, the evaporators get the higher capacity and the lower noise level.

3.4 The Heat Insulation of indoor unit

The heat insulation of indoor unit can availably decrease heat loss.

4. Optional collocation

4.1 Operation in High Temperature

The air-conditioner designed for high temperature can run despite the ambient temperature reaches up to 52℃（125℉）.

4.2 Strong Air Flow

Large air volume from the air inlet is forced ventilating by the condenser fan.

4.3 Minimum Installation Arrangement

The installation is fast and low cost with the easy installation and ready operation

4.4 Pre-Drilled Duct Flange

Flanges are prepared at the supply and return duct connections so that they can reduce duct connection work at site.

4.5 Quiet Operation

Noise and vibration have been effectively reduced by adopting new style hermetic compressor. The centrifugal fan and fan casing are optimum shaped for efficient and low noise operation.

5. Cabinet

5.1 Sloped drain pan and drain pipe

5.2 Cabinets have forklift and lifting holes for easy transportation

5.3 Cabinets have fresh air function, and the filter can be washable.

6. Variable Speed Pulley

Change the speed of a rotating shaft member, so that it will increase or decrease the revolutions per minute of that particular shaft, to increase or decrease CFM.

Note: The function is only available for 12.5ton and

4. List of Function

4.1 STANDARD SPECIFICATION Standard specification

A. General

Packaged cooling or combination heating and cooling units are suitable for mounting on the roof or ground. The packaged unit consists of scroll compressors, cooling coil, condenser coil, control wiring and interconnecting piping- all factory-assembled and mounted on heavy gauge G-90 galvanized steel sheet press formed base, ready for field connection to utilities and ducts. The packaged unit is of rigid construction with holes provided in the base rails for overhead rigging. The unit is provided with an integral weather resistant control panel.

These units are rated and tested in accordance with ARI standard 210/ARI 360.

B. Unit Enclosure

Panels are of heavy gauge, G-90 galvanized steel sheet with removable access panels, completely weatherized for outdoor installation and properly reinforced and brazed. Panels and access door are provided for inspection and access for all internal parts. Enclosures are provided with adequately reinforced points of support for setting in the unit. Steel sheet panels are zinc-coated and galvanized by the hot dip process of lock forming quality conforming to ASTM A 653 commercial weight G-90, followed by baked on electrostatic polyester dry powder coat paint, on all external panel.

C. Compressor

Compressors are scroll for all the models. They are provided with all the standard controls and accessories necessary for safe operation. These are equipped with internal motor protector; factory installed crank case heater and rubber vibration isolator for quiet and efficient operation.

D. Air-cooled Condensing Section

1. The air-cooled condensing section is enclosed within the unit housing and consists of condenser coil, fan(s) electric motor(s) and inherently protected compressor(s). As an option, enhanced coated aluminum fins may be provided. Tube support sheets are galvanized steel, formed to provide structural strength.
2. Fans are propeller type, direct driven, upward discharge and provided with fan grille mounted on the casing.
3. Motors are totally enclosed air-over type with class F insulation. Inherent thermal protection is automatic reset type.

E. Evaporator Coil Section

1. All cooling coils are of enhanced louvered fins and inner grooved copper tubes with wall thickness of 0.3mm, mechanically bonded to aluminum fins. Return bend has 0.022 inch thickness (0.56mm). As option, enhanced coated aluminum fins may be provided. Tube support sheets are galvanized steel, formed to provide structural strength.
2. Drain Pan: An insulated drain Pan made of G-90 galvanized steel is provided, for additional corrosion protection.
3. Insulation: Insulation is supplied in adequate density and thickness for all units to prevent condensation from forming on the unit casing. Insulation meets the requirements of NFPA 90A and is protected against deterioration and erosion from air currents.

F. Evaporator Fan

Evaporator fan is of centrifugal forward-curved blade design capable of handling total required CFM and static pressure in the low and the medium ranges. Casings are made of galvanized steel. Blower motors are of open drip proof type (totally enclosed types are optional) and conform to NEMA MG-1 and MG-2. Blower motor is mounted on adjustable base and secured by locking device. Fan wheels shafts and bearing are selected to operate at 25% below first critical speed. Pillow block bearing are selected for at 200,000 hours average life at design operating conditions. Shaft is turned, ground and polished from solid steel. Fans and pulleys are keyed to shaft and designed for continuous operation at maximum motor horse power and fan

speed. All rotating components and assemblies are statically and dynamically balanced and every unit is vibration tested before shipment from the factory.

G. Electronic Thermostat

General information: A dedicated electronic thermostat is supplied with unit controls as standard. This thermostat controls one or two stage heating and cooling applications. The thermostat normally displays room temperature and mode of operation.

The temperature can be set by up/down buttons for both cooling and heating cycles. The thermostat also allows you to select continuous fan operation, or have the fan on intermittent operation with the equipment. It also displays the status of unit, thus providing maximum information for the end user.

4.2 Electric Heater

Electric heater is the resistance coil and conforms to the requirements of UL 573 or equivalent. Electrical characteristic, kW capacity and number of stages is indicated. Airflow switch, fusible link and overheat limit thermostat is provided to shut-off power in case of airflow failure/overheat. Electric heater kit is installed as an externally mounted kit at the supply opening.

4.3 Standard feature/Option/Accessory

Description	Standard features	Option (factory installed)	Accessory (field installed)
Horizontal discharge	◆		
Compressor crankcase heaters		◆	
Evaporator fan-belt driven(6.2ton and above)	◆		
Evaporator direct driven(5ton and below)	◆		
Evaporator fan motor-ODP type(TEFC type optional)	◆	◆	
Condenser fan-direct drive, propeller type	◆		
Condenser fan motor-totally enclosed air-over type	◆		
Electric heaters		◆	◆
Filter	◆		
Filter, synthetic media	◆		
Filter, aluminum		◆	
Compressor overload protection	◆		
Low pressure switch	◆		
High pressure switch	◆		
Cooling & heating thermostat	◆		
Condenser fan guard	◆		
Condenser coil guard	◆		
Manual outside air damper		◆	◆
KJR-12B	◆		
KJR-23B		◆	
KJR-25B		◆	

5. Specification

Table 1

Nominal ton		(Ton)	**6.2**	**6.2**	**7.5**	**7.5**
Model (CB04)			TMC22T3/1TA00NO1A	TME22T3/1TA15NO1A	TMC26T3/1TA00NO1A	TME26T3/1TA14NO1A
Power Supply		V,Ph,Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz
Cooling	Cooling Capacity (1)	Btu/h	75000	75000	89000	89000
		kW	22.0	22.0	26.0	26.0
	Power Input (1)	kW	7.0	7.0	8.6	8.6
	Cooling Capacity (2)	Btu/h	60700	60700	68800	68800
		kW	17.8	17.8	20.2	20.2
	Power Input (2)	kW	8.02	8.02	9.54	9.54
	Cooling Capacity (3)	Btu/h	60300	60300	68200	68200
		kW	17.7	17.7	20.0	20.0
	Power Input (3)	kW	8.05	8.05	9.57	9.57
Heating	EAH Capacity	Btu/h	-	51200	-	47800
		kW	-	15	-	14
	Power Input	kW	-	15	-	14
Max. input consumption		kW	8.0	8.0	14.2	14.2
Max. current		A	16	16	30	30
Performance	Indoor fan air flow	CFM	2100	2000	3300	3100
	ESP	Pa	60	60	60	60
	EER 1	Btu/h/W	10.7	10.7	10.3	10.3
	EER 2	Btu/h/W	7.6	7.6	7.2	7.2
	EER 3	Btu/h/W	7.5	7.5	7.1	7.1
Indoor Coil	Number of rows		4	4	2	2
	Fin spacing	mm	1.6	1.6	1.6	1.6
		FPI	16	16	16	16
	Tube diameter	mm	7.94	7.94	7.94	7.94
		inch	0.313	0.313	0.313	0.313
Indoor fan	Type		FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
	Quantity		1	1	1	1
	Drive type		Direct	Direct	Belt	Belt
	Motors quantity		1	1	1	1
	Motor model		YDK550-4E	YDK550-4E	YFD90L-4	YFD90L-4
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		1	1	2	2
	Model		ZP67KCE-TFD-522	ZP67KCE-TFD-522	E604DH-59D2G×2	E604DH-59D2G×2
	Brand		Copeland	Copeland	Hitachi	Hitachi
	Capacity	Btu/h	55000	55000	52784×2	52784×2
	Refrigerant oil charge	ml	1656	1656	1300x2	1300x2
Outdoor Coil	Number of rows		3	3	3	3
	Fin spacing	mm	1.3	1.3	1.6	1.6
		FPI	20	20	16	16

	Tube diameter	mm	7	7	7.94	7.94
		inch	0.276	0.276	0.313	0.313
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	Quantity		1	1	1	1
	Drive type		Direct	Direct	Direct	Direct
	Motors quantity		1	1	1	1
	Motor model		YDK230-6G-6	YDK230-6G-6	YS600-6P	YS600-6P
Refrigerant	Type		R410A	R410A	R410A	R410A
	Refrigerant volume	Kg	5	5	2.5+2.5	2.5+2.5
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary
Dimensions	Net(W×H×D)	mm	1920x840x1068	1920x840x1068	1630x1068x1065	1630x1068x1065
	Packing(W×H×D)	mm	1955x870x1085	1955x870x1085	1700x1110x1160	1700x1110x1160
Weight	Net weight	Kg	246	251	335	340
	Gross weight	Kg	250	255	350	355
Filter	Quantity		1	1	2	2
	Size (W×H×D)	mm	495x410x20	495x410x20	447×890×10	447×890×10
Shipping	Qty'Per 20'/40'/40'HQ		12/24/34	12/24/34	12/26/26	12/26/26

Note:
The data are based on the following conditions
:Cooling (1)and Power input(1): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 35°C(95°F) DB.
Cooling (2)and Power input(2): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 46.1°C(115°F) DB.
Cooling (3)and Power input(3): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 48°C(118.4°F) DB.

Table 2

Nominal ton		(Ton)	**8.5**	**8.5**	**10**	**10**
Model (CB04)			TMC30T3/1TA00NO1A	TME30T3/1TA14NO1A	TMC35T3/1TA00NO1A	TME35T3/1TA21NO1A
Power Supply		V,Ph,Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz
Cooling	Cooling Capacity (1)	Btu/h	103000	103000	120000	120000
		kW	30.0	30.0	35.0	35.0
	Power Input (1)	kW	10.2	10.2	11.8	11.8
	Cooling Capacity (2)	Btu/h	79600	79600	100000	100000
		kW	23.3	23.3	29.3	29.3
	Power Input (2)	kW	11.10	11.10	13.53	13.53
	Cooling Capacity (3)	Btu/h	79400	79400	98200	98200
		kW	23.3	23.3	28.8	28.8
	Power Input (3)	kW	11.13	11.13	13.68	13.68
Heating	EAH Capacity	Btu/h	-	47800	-	71700
		kW	-	14	-	21
	Power Input	kW	-	14	-	21
Max. input consumption		kW	14.2	14.2	16.0	16.0
Max. current		A	30	30	33	33
Performance	Indoor fan air flow	CFM	3300	3100	3500	3400
	ESP	Pa	60	60	75	75
	EER 1	Btu/h/W	10.1	10.1	10.2	10.2
	EER 2	Btu/h/W	7.2	7.2	7.4	7.4
	EER 3	Btu/h/W	7.1	7.1	7.2	7.2
Indoor Coil	Number of rows		3	3	3	3
	Fin spacing	mm	1.6	1.6	1.6	1.6
		FPI	16	16	16	16
	Tube diameter	mm	7.94	7.94	7	7
		inch	0.313	0.313	0.276	0.276
Indoor fan	Type		FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
	Quantity		1	1	1	1
	Drive type		Belt	Belt	Belt	Belt
	Motors quantity		1	1	1	1
	Motor model		YFD90L-4	YFD90L-4	YFD90L-4	YFD90L-4
Compressor	Type		Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	2	2
	Model		E604DH-59D2G×2	E604DH-59D2G×2	E654DH-65D2G×2	E654DH-65D2G×2
	Brand		Hitachi	Hitachi	Hitachi	Hitachi
	Capacity	Btu/h	52784×2	52784×2	58345×2	58345×2
	Refrigerant oil charge	ml	1300x2	1300x2	1300x2	1300x2
Outdoor Coil	Number of rows		3	3	2	2
	Fin spacing	mm	1.6	1.6	1.6	1.6
		FPI	16	16	16	16

	Tube diameter	mm	7.94	7.94	7	7
		inch	0.313	0.313	0.276	0.276
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	Quantity		1	1	1	1
	Drive type		Direct	Direct	Direct	Direct
	Motors quantity		1	1	1	1
	Motor model		YS600-6P	YS600-6P	YS1100-6	YS1100-6
Refrigerant	Type		R410A	R410A	R410A	R410A
	Refrigerant volume	Kg	2.5+2.5	2.5+2.5	2.5+2.5	2.5+2.5
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary
Dimensions	Net(W×H×D)	mm	1630x1068x1065	1630x1068x1065	2165x1002x1335	2165x1002x1335
	Packing(W×H×D)	mm	1700x1110x1160	1700x1110x1160	2220x1040x1410	2220x1040x1410
Weight	Net weight	Kg	335	340	420	430
	Gross weight	Kg	350	355	440	450
Filter	Quantity		2	2	2	2
	Size (W×H×D)	mm	447×890×10	447×890×10	566×814×10	566×814×10
Shipping	Qty'Per 20'/40'/40'HQ		12/26/26	12/26/26	8/16/16	8/16/16

Note:
The data are based on the following conditions
:Cooling (1)and Power input(1): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 35°C(95°F) DB.
Cooling (2)and Power input(2): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 46.1°C(115°F) DB.
Cooling (3)and Power input(3): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 48°C(118.4°F) DB.

Table 3

Nominal ton			(Ton)	**12.5**	**12.5**	**15**	**15**
Model (CB04)				TMC44T3/1TA00NO1A	TME44T3/1TA30NO1	TMC53T3/1TA00NO1	TME53T3/1TA30NO1A
Power Supply			V,Ph,Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz
Cooling	Cooling Capacity (1)		Btu/h	150000	150000	180000	180000
			kW	43.0	43.0	53.0	53.0
	Power Input (1)		kW	14.6	14.6	18.9	18.9
	Cooling Capacity (2)		Btu/h	124000	124000	144600	144600
			kW	36.3	36.3	42.4	42.4
	Power Input (2)		kW	17.12	17.12	20.11	20.11
	Cooling Capacity (3)		Btu/h	123100	123100	144000	144000
			kW	36.1	36.1	42.2	42.2
	Power Input (3)		kW	17.14	17.14	20.13	20.13
Heating	EAH Capacity		Btu/h	-	102400	-	102400
			kW	-	30	-	30
	Power Input		kW	-	30	-	30
Max. input consumption			kW	21.0	21.0	25.0	25.0
Max. current			A	40	40	52	52
Performance	Indoor fan air flow		CFM	5000	4900	6000	5800
	ESP		Pa	90	90	90	90
	EER 1		Btu/h/W	10.3	10.3	9.5	9.5
	EER 2		Btu/h/W	7.2	7.2	7.2	7.2
	EER 3		Btu/h/W	7.2	7.2	7.2	7.2
Indoor Coil	Number of rows			3	3	3	3
	Fin spacing		mm	1.5	1.5	1.4	1.4
			FPI	17	17	18	18
	Tube diameter		mm	7	7	7.94	7.94
			inch	0.276	0.276	0.313	0.313
Indoor fan	Type			FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
	Quantity			1	1	1	1
	Drive type			Belt	Belt	Belt	Belt
	Motors quantity			1	1	1	1
	Motor model			YE2-100L2-4	YE2-100L2-4	YE2132S-4	YE2132S-4
Compressor	Type			Scroll	Scroll	Scroll	Scroll
	Quantity			3	3	3	3
	Model			E505DH-49D2YG×2+E654DH-	E505DH-49D2YG×2+E654DH-	E655DH-65D2YG×2+E654DH-	E655DH-65D2YG×2+E654DH-
	Brand			Hitachi	Hitachi	Hitachi	Hitachi
	Capacity		Btu/	44015×2+58345	44015×2+58345	58345×3	58345×3
	Refrigerant oil charge		ml	1300x3	1300x3	1300x3	1300x3
Outdoor Coil	Number of rows			3.5	3.5	3.5	3.5
	Fin spacing		mm	1.5	1.5	1.6	1.6
			FPI	17	17	16	16

	Tube diameter	mm	7	7	7.94	7.94
		inch	0.276	0.276	0.313	0.313
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	Quantity		1	1	1	1
	Drive type		Direct	Direct	Direct	Direct
	Motors quantity		1	1	1	1
	Motor model		YS1100-6	YS1100-6	YS1100-6	YS1100-6
Refrigerant	Type		R410A	R410A	R410A	R410A
	Refrigerant volume	Kg	4.4+2.2	4.4+2.2	5.1+2.5	5.1+2.5
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary
Dimensions	Net(W×H×D)	mm	2229x1245x1400	2229x1245x1400	2229x1245x1400	2229x1245x1400
	Packing(W×H×D)	mm	2265x1280x1455	2265x1280x1455	2265x1280x1455	2265x1280x1455
Weight	Net weight	Kg	525	535	605	615
	Gross weight	Kg	540	550	630	640
Filter	Quantity		2	2	2	2
	Size (W×H×D)	mm	605×1045×12	605×1045×12	605×1045×12	605×1045×12
Shipping	Qty'Per 20'/40'/40'HQ		4/8/15	4/8/15	4/8/16	4/8/16

Note:
The data are based on the following conditions:
Cooling (1)and Power input(1): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 35°C(95°F) DB.
Cooling (2)and Power input(2): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 46.1°C(115°F) DB.
Cooling (3)and Power input(3): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 48°C(118.4°F) DB.

Table 4

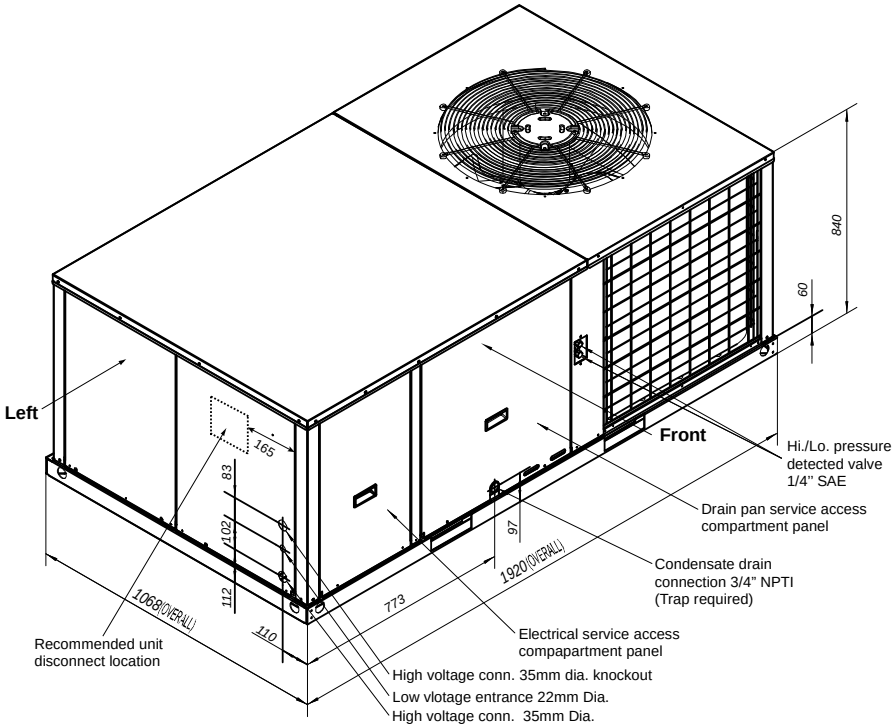
Nominal ton			(Ton)	**17.5**	**17.5**	**20**	**20**
Model (CB04)				TMC62T3/1TA00NO1A	TME62T3/1TA52NO1A	TMC70T3/1TA00NO1A	TME70T3/1TA58NO1A
Power Supply			V,Ph,Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz
Cooling	Cooling Capacity (1)		Btu/h	208000	208000	240000	240000
			kW	61.0	61.0	70.0	70.0
	Power Input (1)		kW	21.2	21.2	25.0	25.0
	Cooling Capacity (2)		Btu/h	180600	180600	196000	196000
			kW	52.9	52.9	57.4	57.4
	Power Input (2)		kW	24.02	24.02	27.00	27.00
	Cooling Capacity (3)		Btu/h	177500	177500	194900	194900
			kW	52.0	52.0	57.1	57.1
	Power Input (3)		kW	24.13	24.13	27.37	27.37
Heating	EAH Capacity		Btu/h	-	177489	-	197341
			kW	-	52.0	-	57.8
	Power Input		kW	-	24.1	-	27.4
Max. input consumption			kW	28.0	28.0	35.0	35.0
Max. current			A	55.5	55.5	68	68
Performance	Indoor fan air flow		CFM	6700	6600	9100	8200
	ESP		Pa	90	90	100	100
	EER 1		Btu/h/W	9.8	9.8	9.6	9.6
	EER 2		Btu/h/W	7.5	7.5	7.3	7.3
	EER 3		Btu/h/W	7.4	7.4	7.1	7.1
Indoor Coil	Number of rows			3	3	3	3
	Fin spacing		mm	1.5	1.5	1.5	1.5
			FPI	17	17	17	17
	Tube diameter		mm	7	7	7	7
			inch	0.276	0.276	0.276	0.276
Indoor fan	Type			FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
	Quantity			1	1	1	1
	Drive type			Belt	Belt	Belt	Belt
	Motors quantity			1	1	1	1
	Motor model			YE2132S-4	YE2132S-4	YFD132S-4	YFD132S-4
Compressor	Type			Scroll	Scroll	Scroll	Scroll
	Quantity			2	2	2	2
	Model			ZP122KCE-TFD-522×2	ZP122KCE-TFD-522×2	ZP144KCE-TFD-522×2	ZP144KCE-TFD-522×2
	Brand			Copeland	Copeland	Copeland	Copeland
	Capacity		Btu/h	102018×2	102018×2	120500×2	120500×2
	Refrigerant oil charge		ml	2513x2	2513x2	3253x2	3253x2
Outdoor Coil	Number of rows			3	3	3	3
	Fin spacing		mm	1.5	1.5	1.5	1.5
			FPI	17	17	17	17
	Tube diameter		mm	7	7	7	7

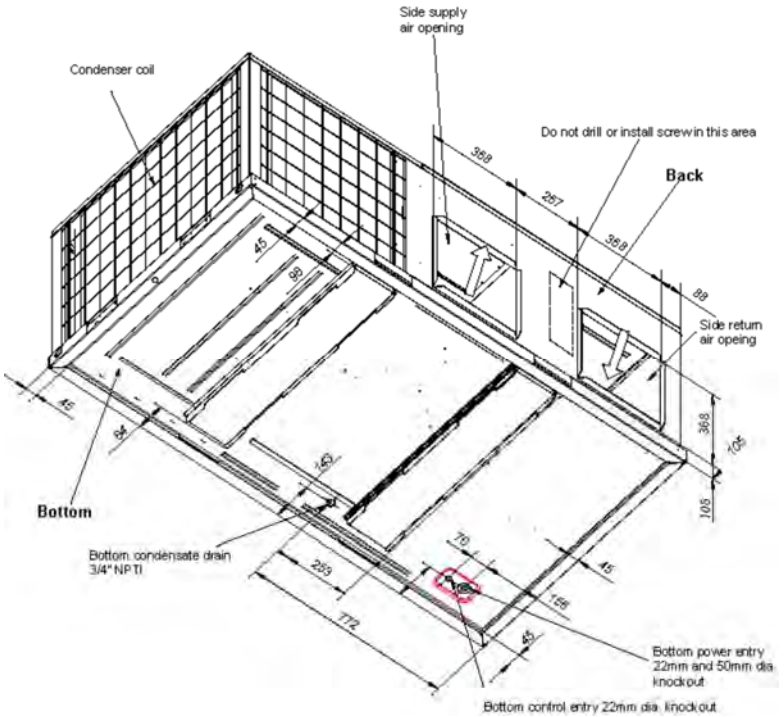
		inch	0.276	0.276	0.276	0.276
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller
	Quantity		2	2	2	2
	Drive type		Direct	Direct	Direct	Direct
	Motors quantity		2	2	2	2
	Motor model		YS1100-6	YS1100-6	YS1500-6	YS1500-6
Refrigerant	Type		R410A	R410A	R410A	R410A
	Refrigerant volume	Kg	3.0+3.0	3.0+3.0	4.7+4.7	4.7+4.7
	Refrigerant Control		Capillary	Capillary	Capillary	Capillary
Dimensions	Net(W×H×D)	mm	2229x1245x1825	2229x1245x1825	2753x1245x2157	2753x1245x2157
	Packing(W×H×D)	mm	2236x1280x1855	2236x1280x1855	2760x1280x2175	2760x1280x2175
Weight	Net weight	Kg	667	702	915	930
	Gross weight	Kg	692	677	955	970
Filter	Quantity		2	2	2	2
	Size (W×H×D)	mm	815×1015×12	815×1015×12	956×978×12	956×978×12
Shipping	Qty'Per 20'/40'/40'HQ		3/6/12	3/6/12	2/4/8	2/4/8

Note:
The data are based on the following conditions
:Cooling (1)and Power input(1): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 35°C(95°F) DB.
Cooling (2)and Power input(2): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 46.1°C(115°F) DB.
Cooling (3)and Power input(3): Indoor Temperature 26.7°C(80°F) DB / 19.4°C(67°F) WB; - Outdoor Temperature 48°C(118.4°F) DB.

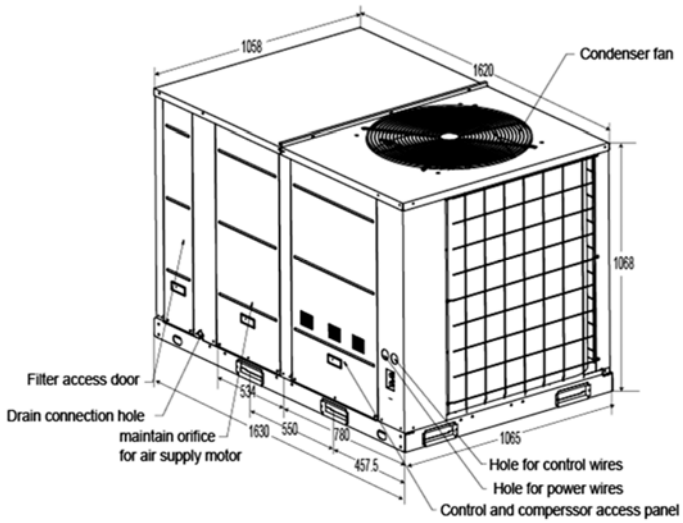
6. Dimensional Drawing

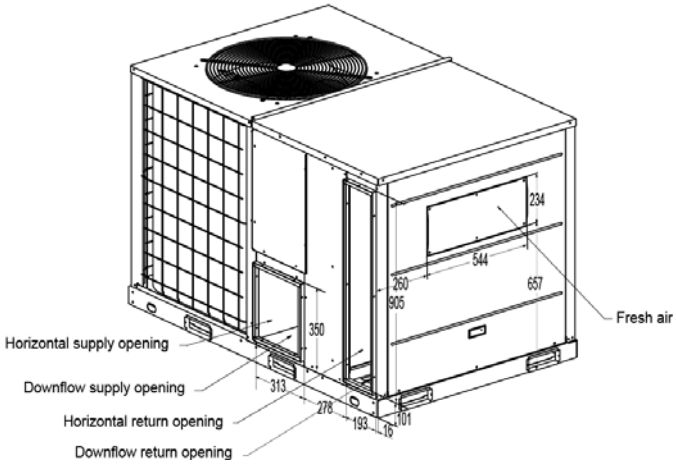
6.2ton

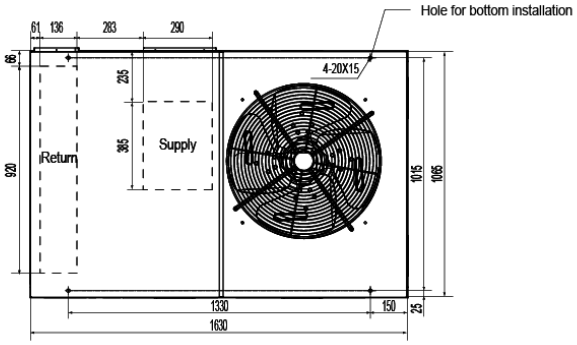




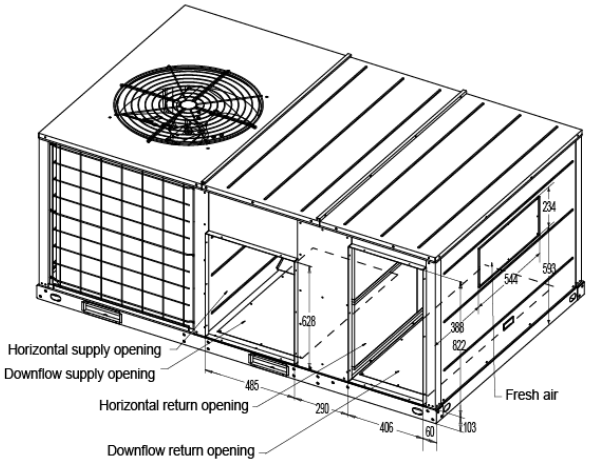
7.5&8.5ton

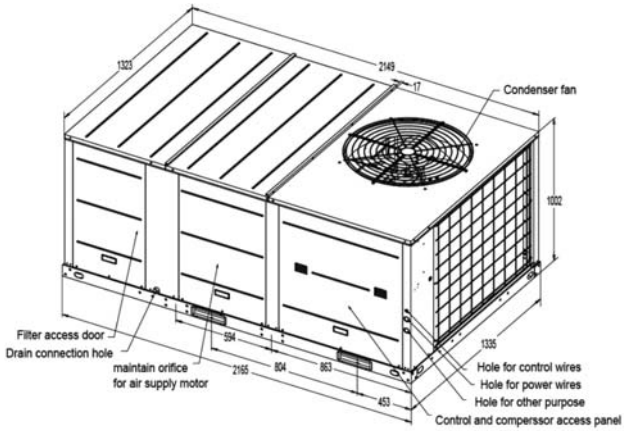

1058
1620
Condenser fan
1068
Filter access door
Drain connection hole
maintain orifice
for air supply motor
534
1630
550
780
457.5
1065
Hole for control wires
Hole for power wires
Control and comperssor access panel

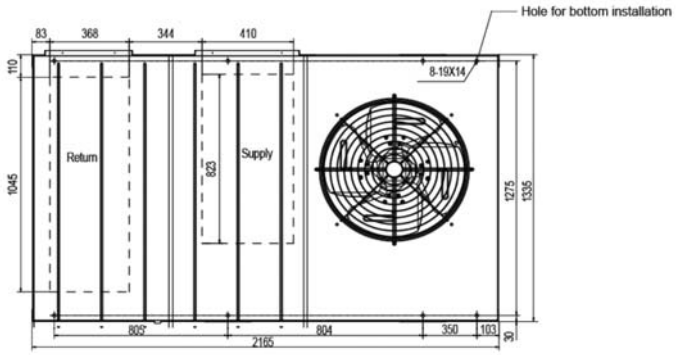

234
544
260
905
657
Fresh air
350
Horizontal supply opening
Downflow supply opening
313
Horizontal return opening
278
193
101
16
Downflow return opening


Hole for bottom installation
61
136
283
290
65
4-20X15
225
365
Supply
Return
920
1015
1065
1330
150
25
1630

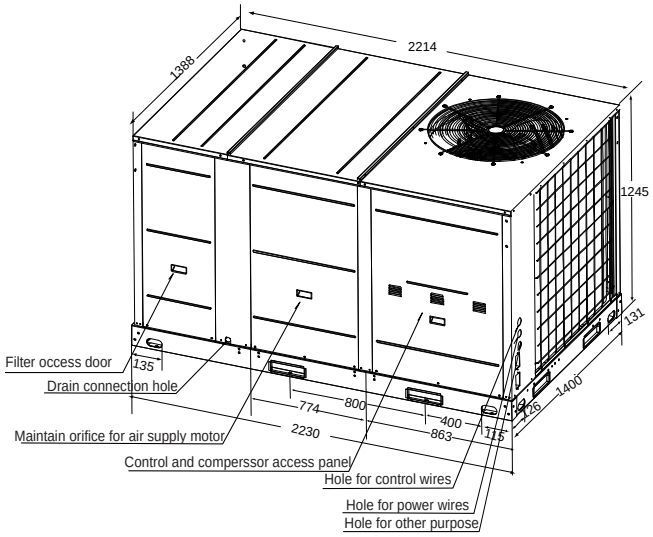
10 ton

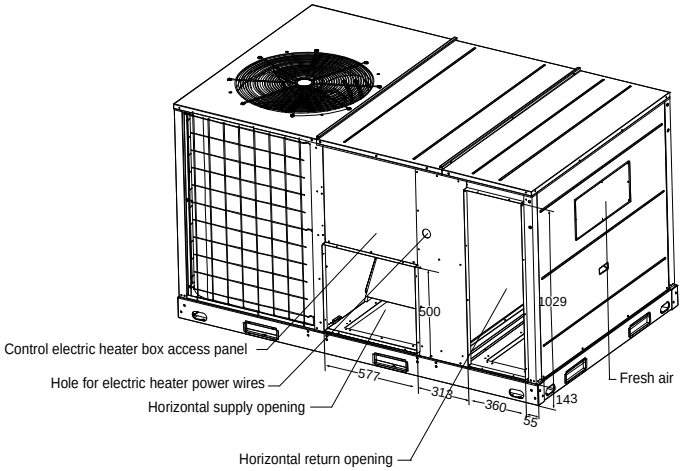

Horizontal supply opening
Downflow supply opening
Horizontal return opening
Downflow return opening
Fresh air
234
542
593
628
388
622
485
290
406
60
103

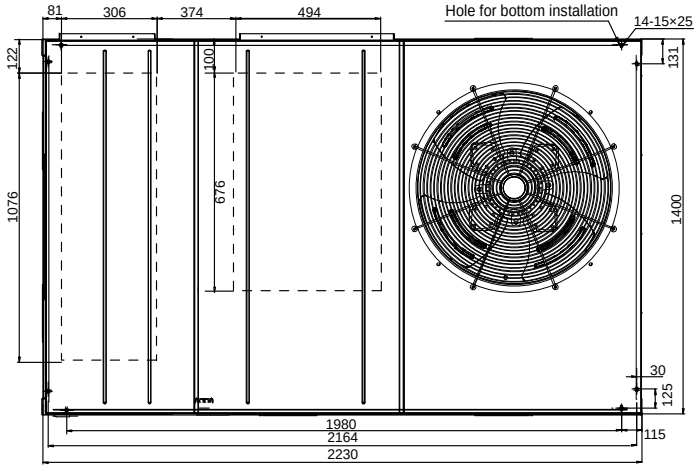

1323
2149
17
Condenser fan
1022
Filter access door
Drain connection hole
maintain orifice
for air supply motor
594
2165
804
863
453
1335
Hole for control wires
Hole for power wires
Hole for other purpose
Control and comperssor access panel


Hole for bottom installation
83
368
344
410
110
8-19X14
Return
Supply
823
1045
1275
1335
805
804
350
103
30
2165

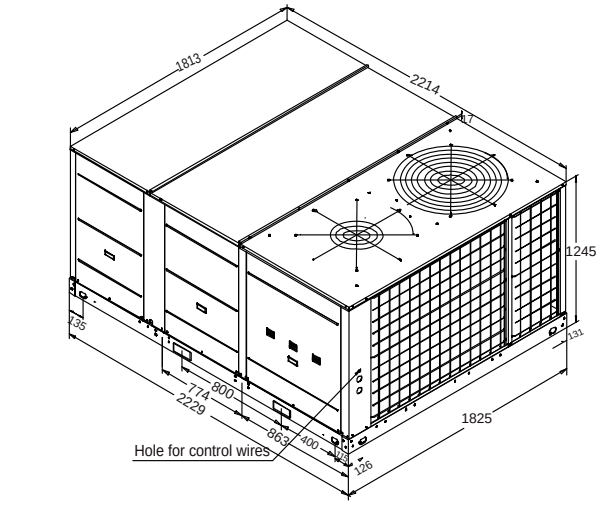
12.5&15 ton

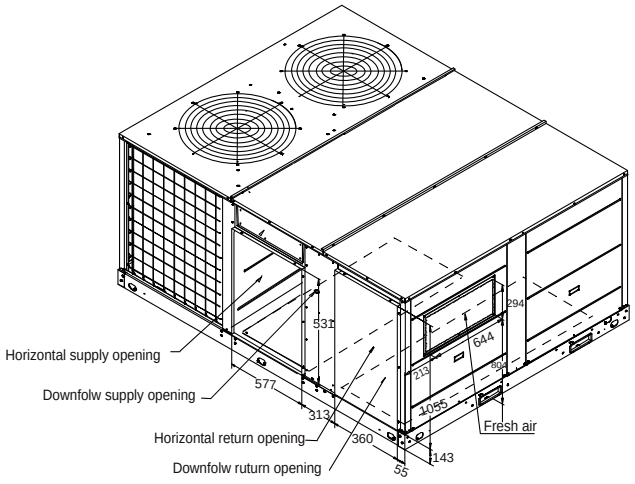

2214
1388
1245
131
Filter occess door
135
Drain connection hole
774
800
400
863
115
76
1400
Maintain orifice for air supply motor
2230
Control and comperssor access panel
Hole for control wires
Hole for power wires
Hole for other purpose

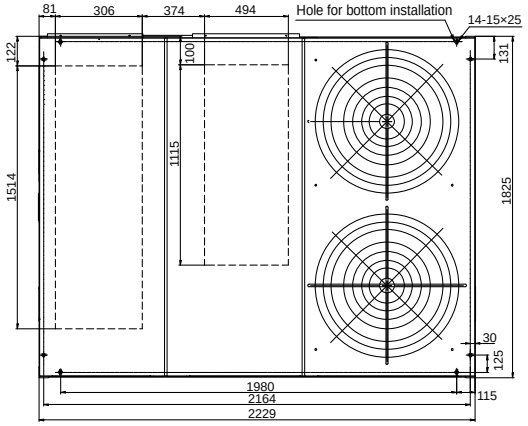

1029
500
Control electric heater box access panel
Hole for electric heater power wires
577
318
360
55
143
Fresh air
Horizontal supply opening
Horizontal return opening


81
306
374
494
Hole for bottom installation
14-15×25
122
100
131
1076
676
1400
30
125
1980
2164
2230
115

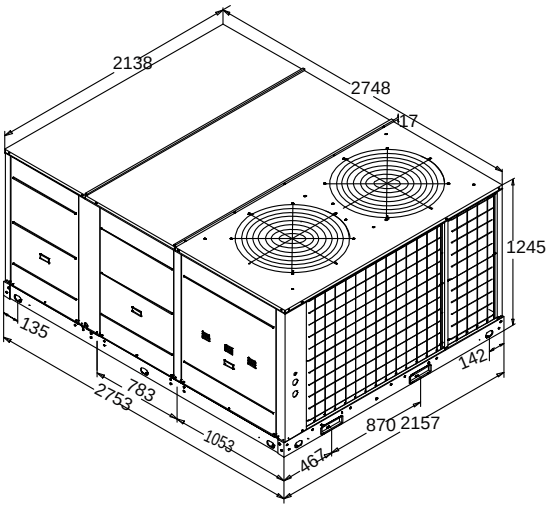
17.5 ton

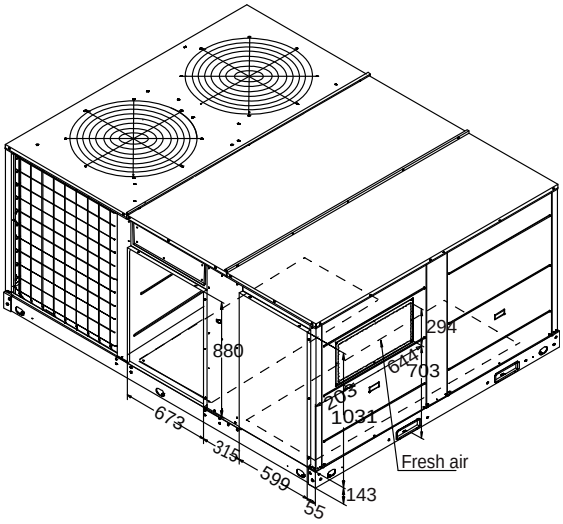

1813
2214
1245
135
774
800
2229
863
400
1825
Hole for control wires

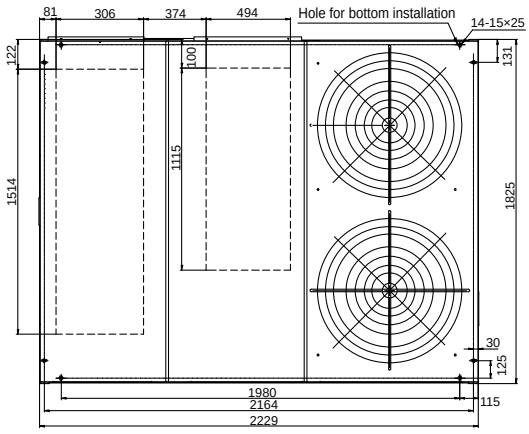

Horizontal supply opening
Downfolw supply opening
Horizontal return opening
Downfolw ruturn opening
531
577
313
360
143
55
294
644
213
1055
Fresh air


81
306
374
494
Hole for bottom installation
14-15×25
122
100
131
1514
1115
1825
30
125
1980
2164
2229
115

20 ton

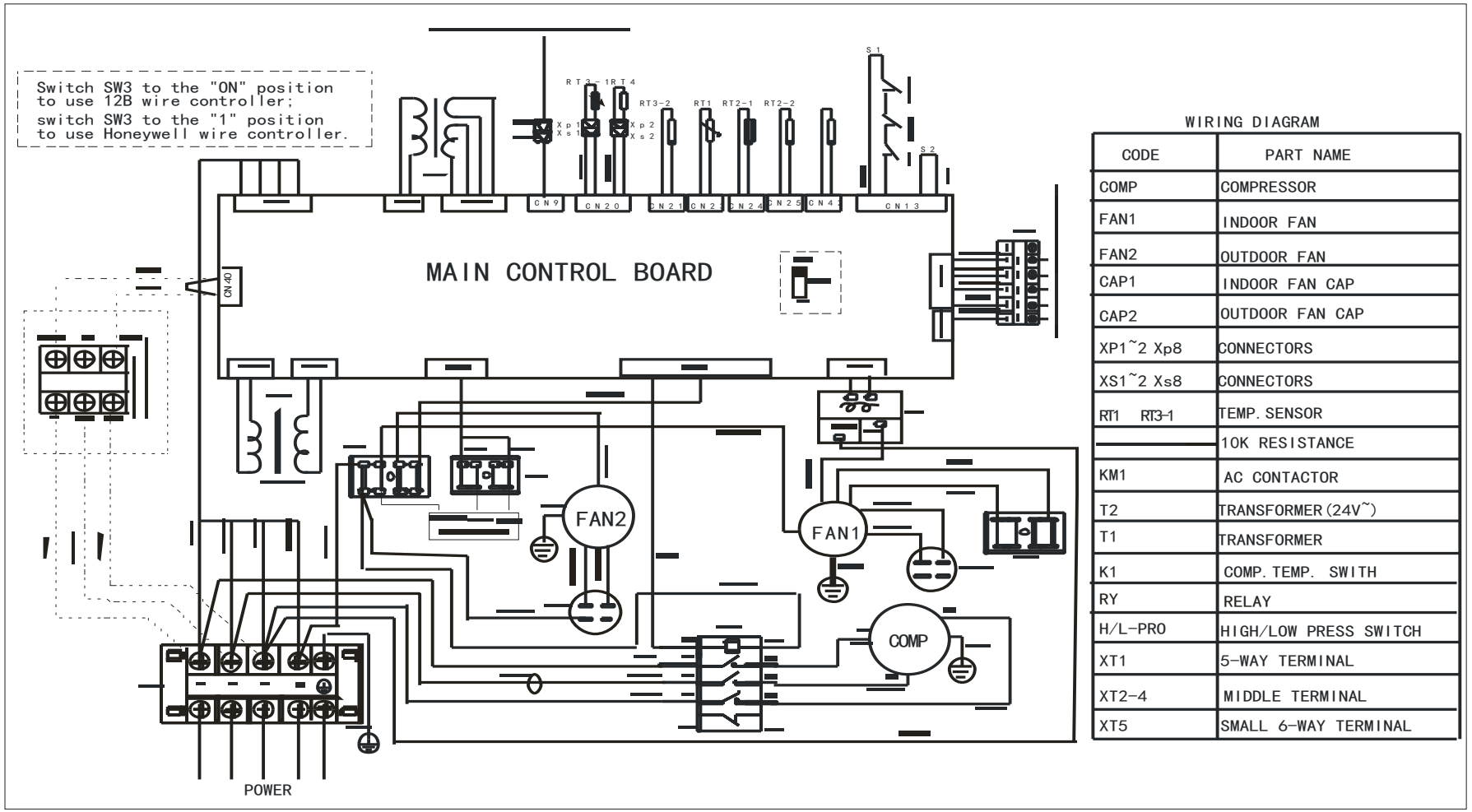

2138
2748
117
1245
135
783
2753
1053
467
142
870
2157


880
294
644
703
203
1031
673
315
599
55
143
Fresh air


81
306
374
494
Hole for bottom installation
14-15×25
122
100
131
1115
1514
1825
30
125
1980
2164
2229
115

7. Wiring Diagram

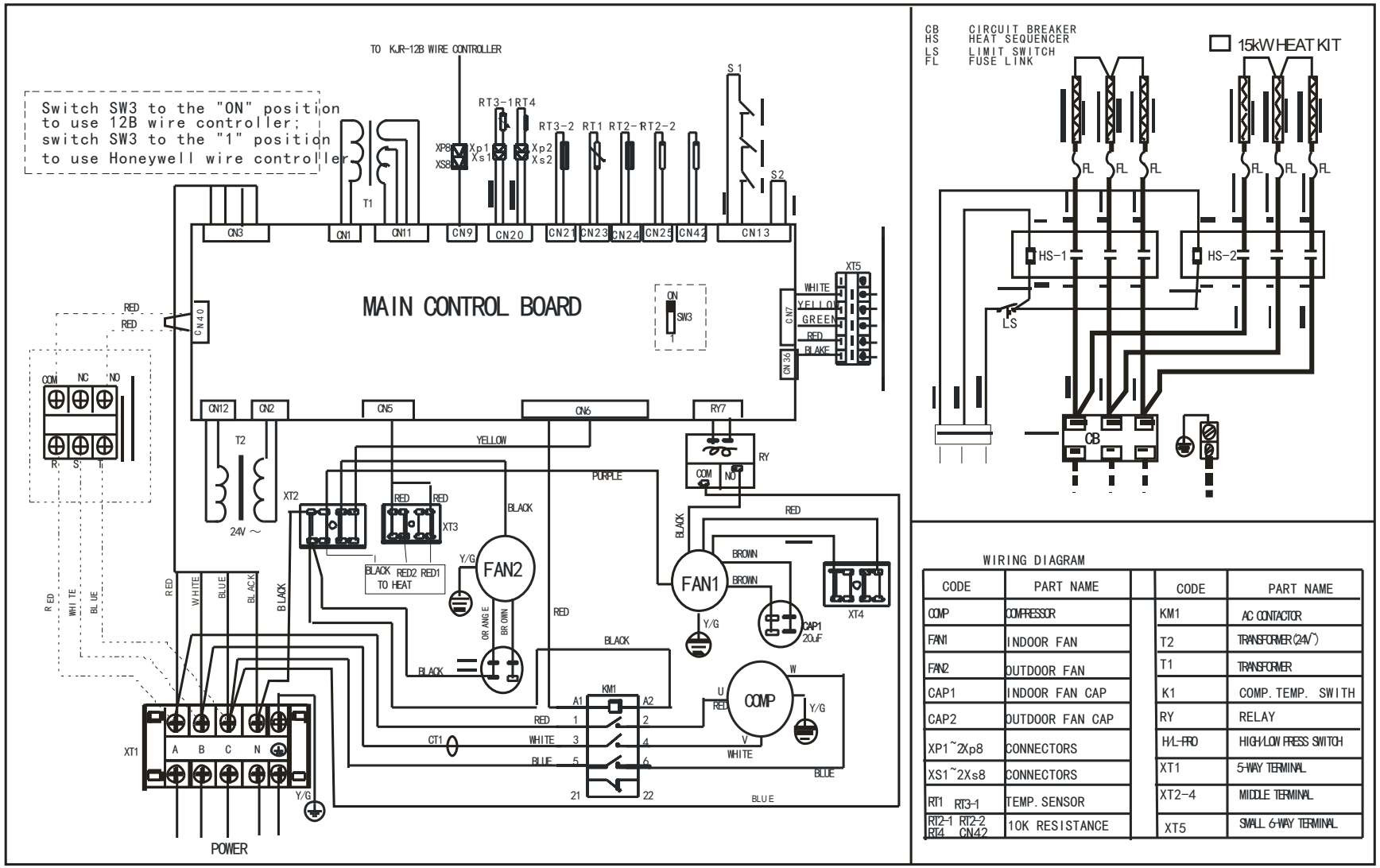
7.1 TMC22T3/1TA00NO1A



WIRING DIAGRAM

CODE	PART NAME
COMP	COMPRESSOR
FAN1	INDOOR FAN
FAN2	OUTDOOR FAN
CAP1	INDOOR FAN CAP
CAP2	OUTDOOR FAN CAP
XP1~2 Xp8	CONNECTORS
XS1~2 Xs8	CONNECTORS
RT1 RT3-1	TEMP. SENSOR
	10K RESISTANCE
KM1	AC CONTACTOR
T2	TRANSFORMER(24V~)
T1	TRANSFORMER
K1	COMP. TEMP. SWITH
RY	RELAY
H/L-PRO	HIGH/LOW PRESS SWITCH
XT1	5-WAY TERMINAL
XT2-4	MIDDLE TERMINAL
XT5	SMALL 6-WAY TERMINAL

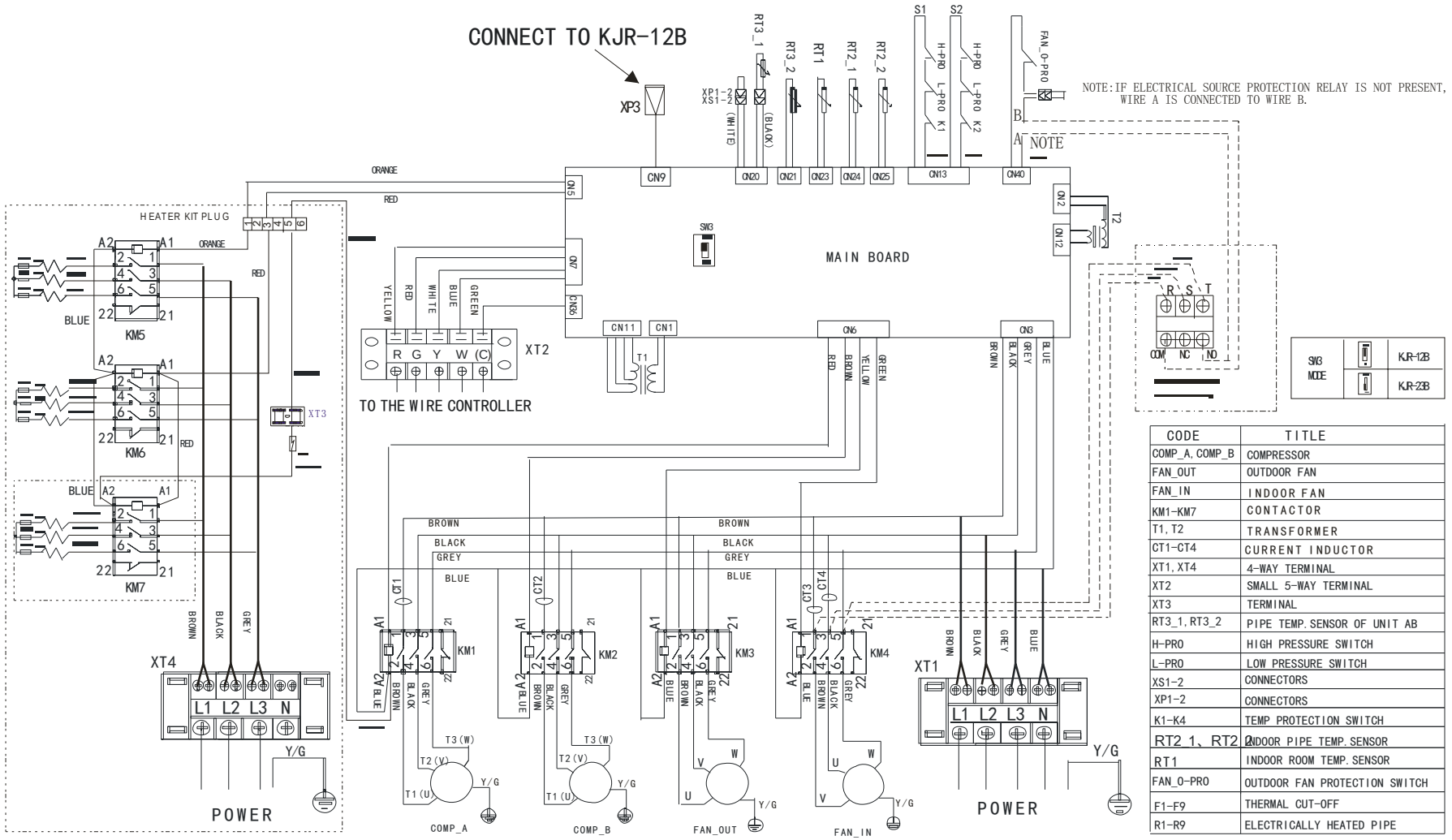
7.2 TME22T3/1TA15NO1A



WIRING DIAGRAM

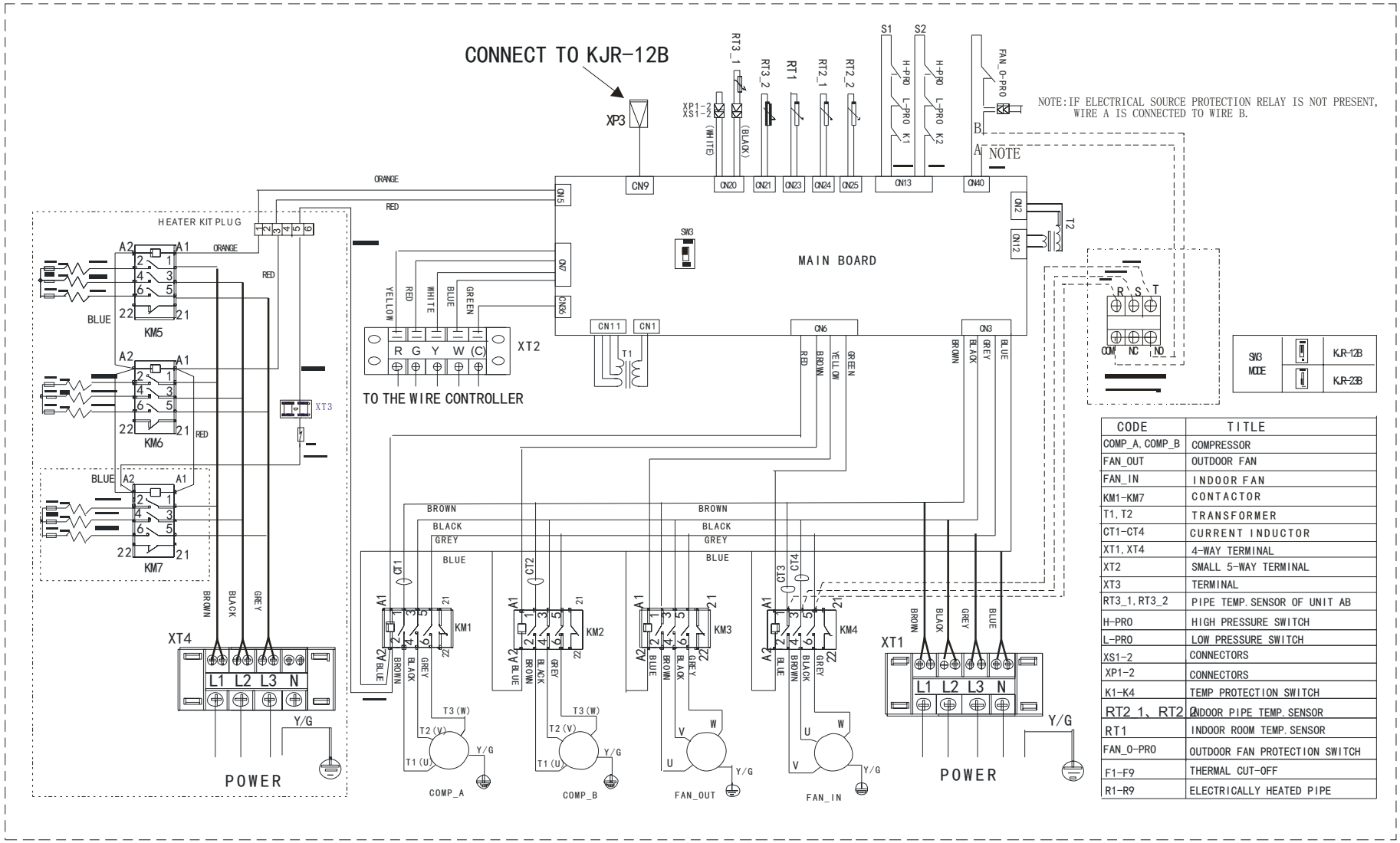
CODE	PART NAME	CODE	PART NAME
COMP	COMPRESSOR	KM1	AC CONTACTOR
FAN1	INDOOR FAN	T2	TRANSFORMER(24V~)
FAN2	OUTDOOR FAN	T1	TRANSFORMER
CAP1	INDOOR FAN CAP	K1	COMP. TEMP. SWITH
CAP2	OUTDOOR FAN CAP	RY	RELAY
XP1~2Xp8	CONNECTORS	H/L-PRO	HIGH/LOW PRESS SWITCH
XS1~2Xs8	CONNECTORS	XT1	5-WAY TERMINAL
RT1 RT3-1	TEMP. SENSOR	XT2-4	MIDDLE TERMINAL
RT2-1 RT2-2 RT4 CN42	10K RESISTANCE	XT5	SMALL 6-WAY TERMINAL

7.3 TMC26T3/1TA00NO1A



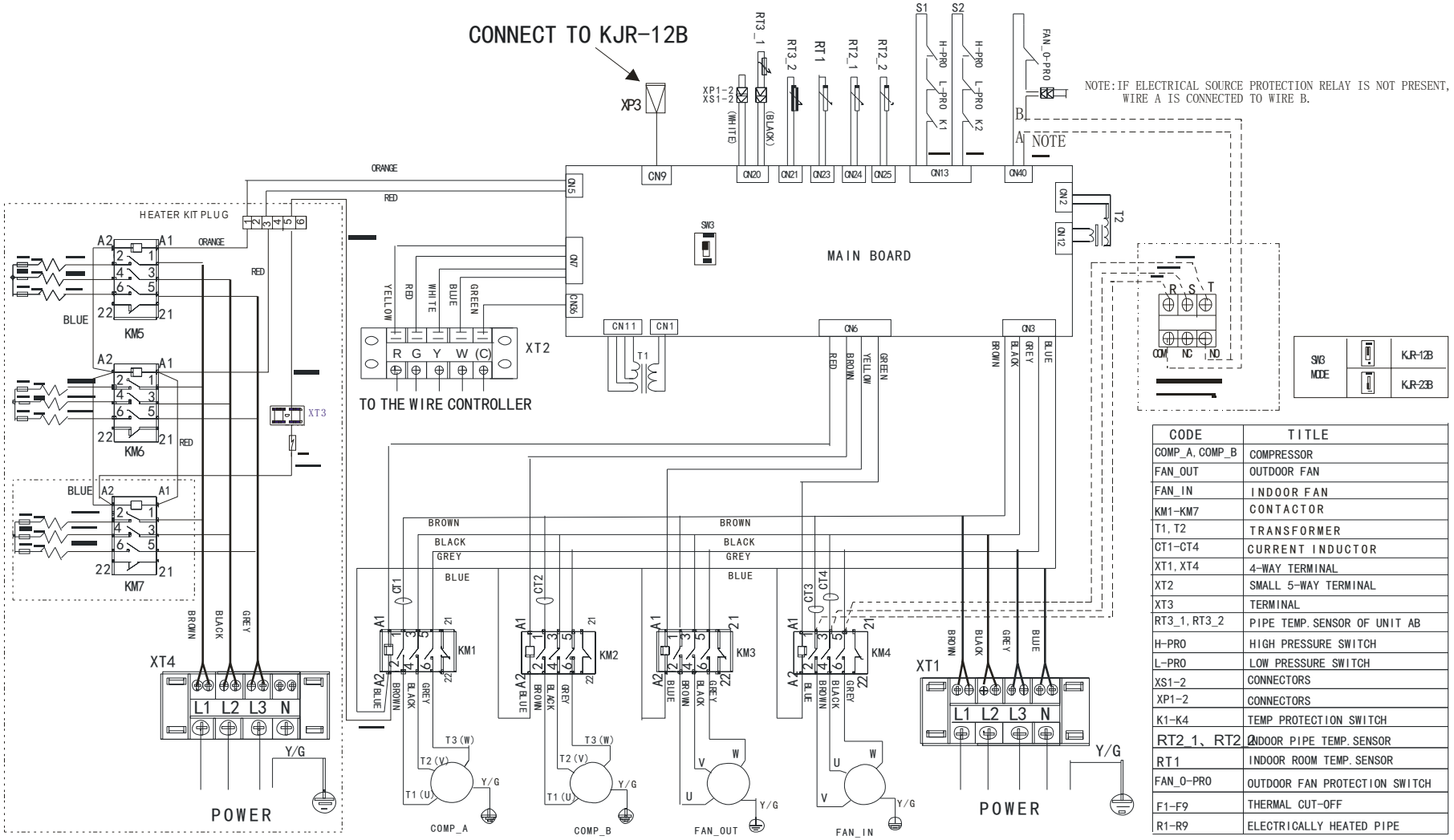
CODE	TITLE
COMP_A, COMP_B	COMPRESSOR
FAN_OUT	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1-KM7	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4	CURRENT INDUCTOR
XT1, XT4	4-WAY TERMINAL
XT2	SMALL 5-WAY TERMINAL
XT3	TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-2	CONNECTORS
XP1-2	CONNECTORS
K1-K4	TEMP PROTECTION SWITCH
RT2_1、RT2_2	INDOOR PIPE TEMP. SENSOR
RT1	INDOOR ROOM TEMP. SENSOR
FAN_O-PRO	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

7.4 TME26T3/1TA14NO1A



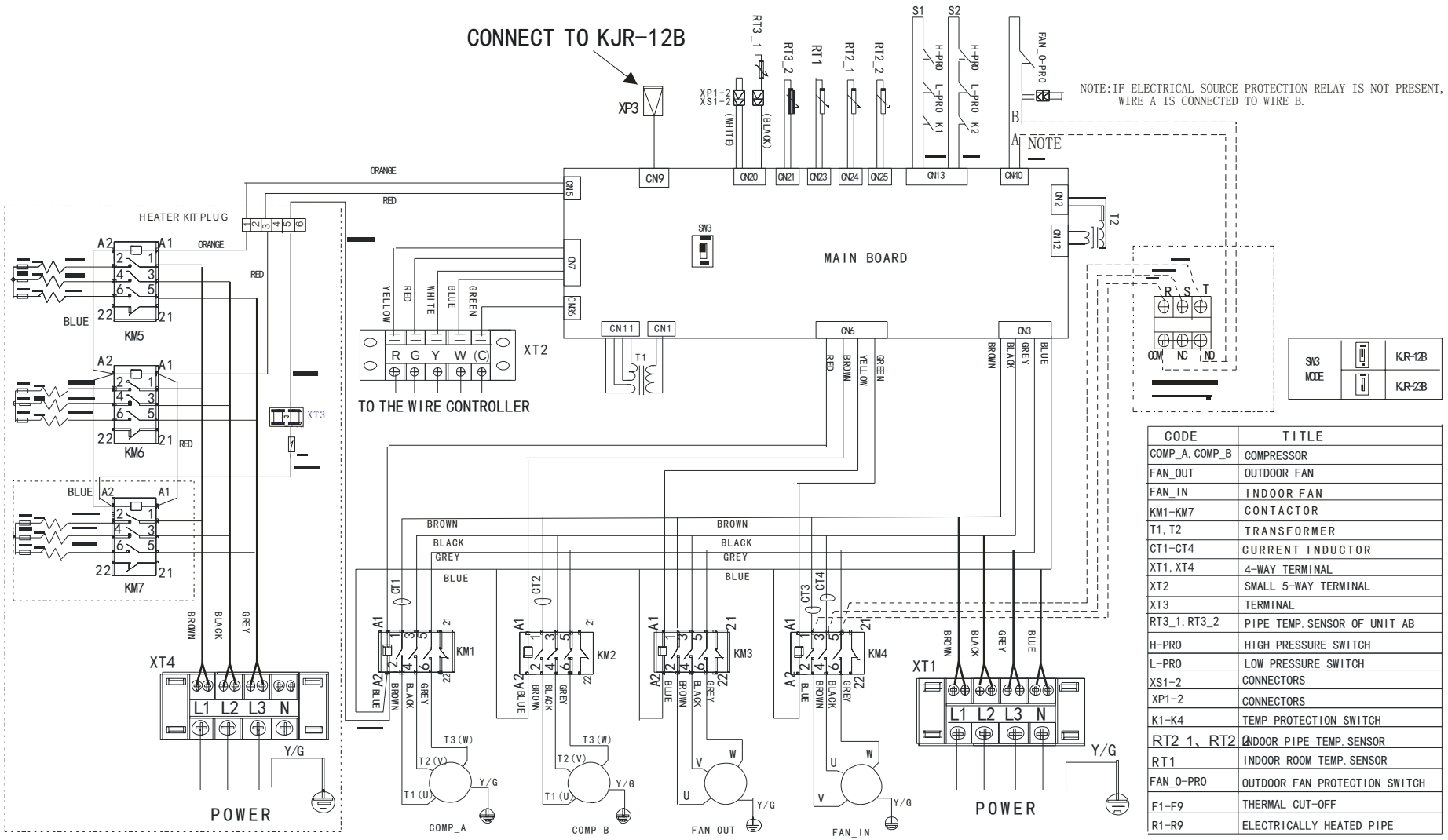
CODE	TITLE
COMP_A, COMP_B	COMPRESSOR
FAN_OUT	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1-KM7	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4	CURRENT INDUCTOR
XT1, XT4	4-WAY TERMINAL
XT2	SMALL 5-WAY TERMINAL
XT3	TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-2	CONNECTORS
XP1-2	CONNECTORS
K1-K4	TEMP PROTECTION SWITCH
RT2_1、RT2_2	INDOOR PIPE TEMP. SENSOR
RT1	INDOOR ROOM TEMP. SENSOR
FAN_O-PRO	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

7.5 TMC30T3/1TA00NO1A



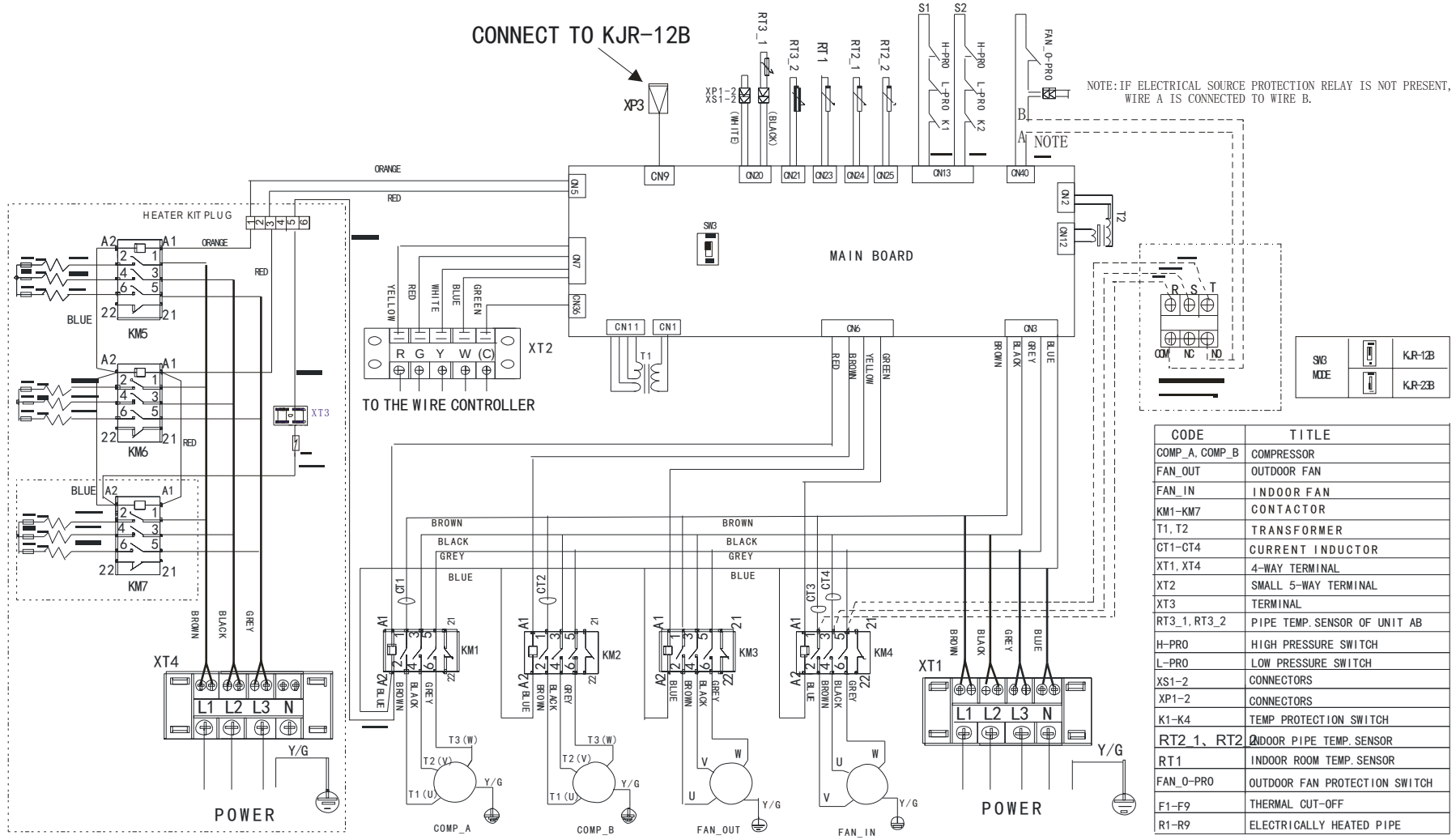
CODE	TITLE
COMP_A, COMP_B	COMPRESSOR
FAN_OUT	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1-KM7	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4	CURRENT INDUCTOR
XT1, XT4	4-WAY TERMINAL
XT2	SMALL 5-WAY TERMINAL
XT3	TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-2	CONNECTORS
XP1-2	CONNECTORS
K1-K4	TEMP PROTECTION SWITCH
RT2_1、RT2_2	INDOOR PIPE TEMP. SENSOR
RT1	INDOOR ROOM TEMP. SENSOR
FAN_O-PRO	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

7.6 TME26T3/1TA14NO1A



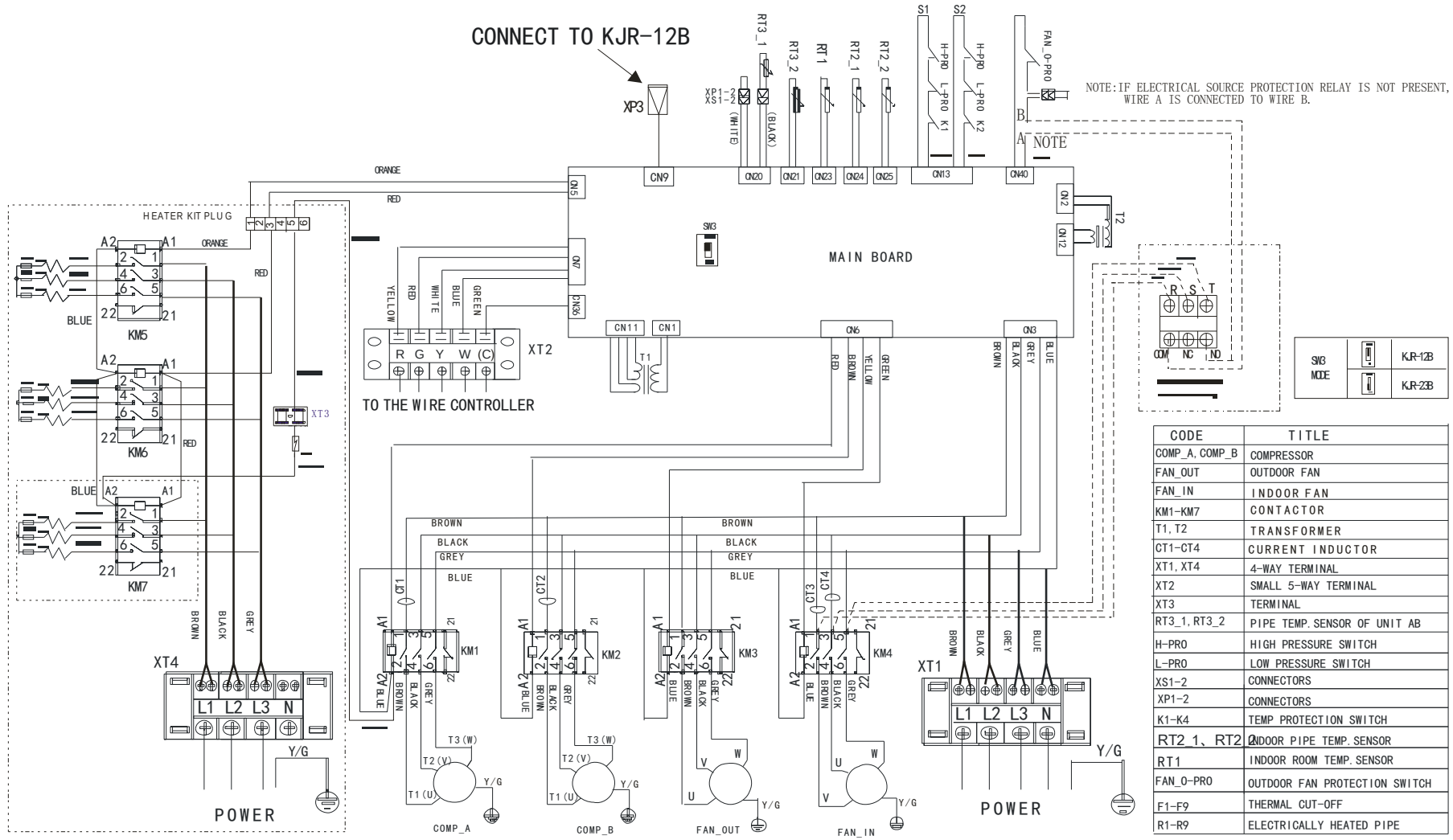
CODE	TITLE
COMP_A, COMP_B	COMPRESSOR
FAN_OUT	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1-KM7	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4	CURRENT INDUCTOR
XT1, XT4	4-WAY TERMINAL
XT2	SMALL 5-WAY TERMINAL
XT3	TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-2	CONNECTORS
XP1-2	CONNECTORS
K1-K4	TEMP PROTECTION SWITCH
RT2_1、RT2_2	INDOOR PIPE TEMP. SENSOR
RT1	INDOOR ROOM TEMP. SENSOR
FAN_O-PRO	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

7.7 TMC30T3/1TA00NO1A



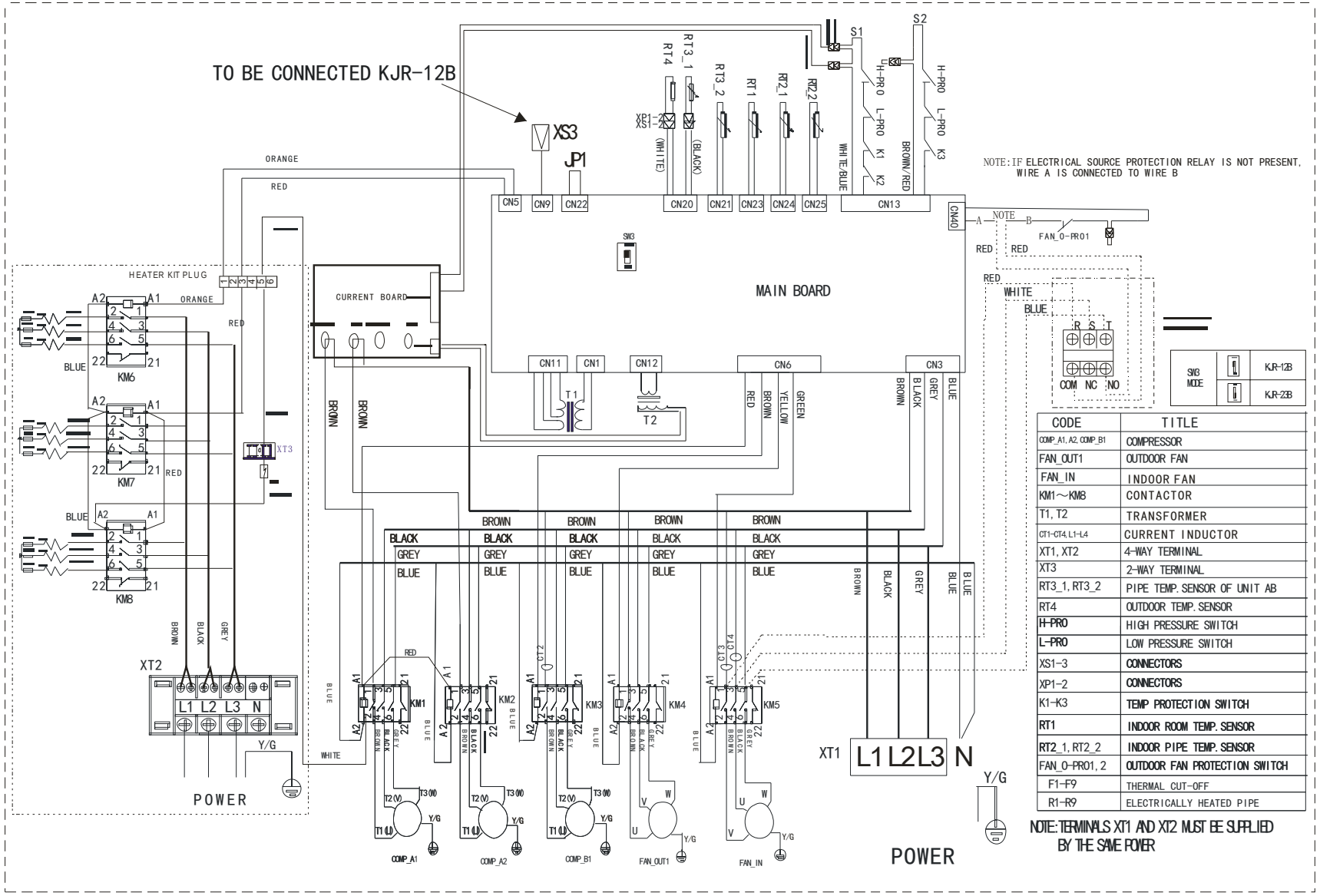
CODE	TITLE
COMP_A, COMP_B	COMPRESSOR
FAN_OUT	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1-KM7	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4	CURRENT INDUCTOR
XT1, XT4	4-WAY TERMINAL
XT2	SMALL 5-WAY TERMINAL
XT3	TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-2	CONNECTORS
XP1-2	CONNECTORS
K1-K4	TEMP PROTECTION SWITCH
RT2_1、RT2_2	INDOOR PIPE TEMP. SENSOR
RT1	INDOOR ROOM TEMP. SENSOR
FAN_O-PRO	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

7.8 TME30T3/1TA14NO1A



CODE	TITLE
COMP_A, COMP_B	COMPRESSOR
FAN_OUT	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1-KM7	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4	CURRENT INDUCTOR
XT1, XT4	4-WAY TERMINAL
XT2	SMALL 5-WAY TERMINAL
XT3	TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-2	CONNECTORS
XP1-2	CONNECTORS
K1-K4	TEMP PROTECTION SWITCH
RT2_1、RT2_2	INDOOR PIPE TEMP. SENSOR
RT1	INDOOR ROOM TEMP. SENSOR
FAN_O-PRO	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

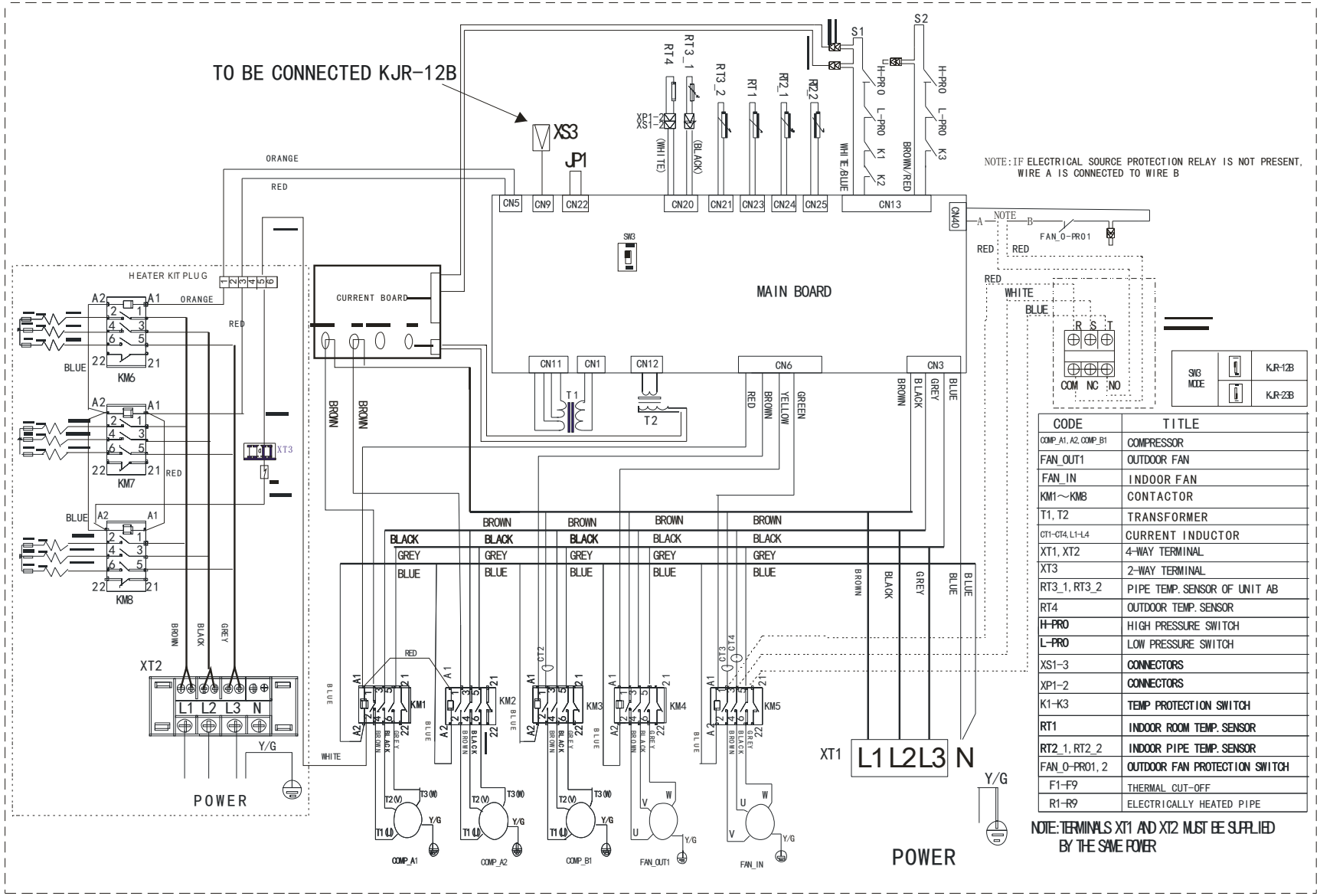
7.9 TMC35T3/1TA00NO1A



CODE	TITLE
COMP_A1, A2, COMP_B1	COMPRESSOR
FAN_OUT1	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1～KM8	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4, L1-L4	CURRENT INDUCTOR
XT1, XT2	4-WAY TERMINAL
XT3	2-WAY TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
RT4	OUTDOOR TEMP. SENSOR
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-3	CONNECTORS
XP1-2	CONNECTORS
K1-K3	TEMP PROTECTION SWITCH
RT1	INDOOR ROOM TEMP. SENSOR
RT2_1, RT2_2	INDOOR PIPE TEMP. SENSOR
FAN_O-PRO1, 2	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

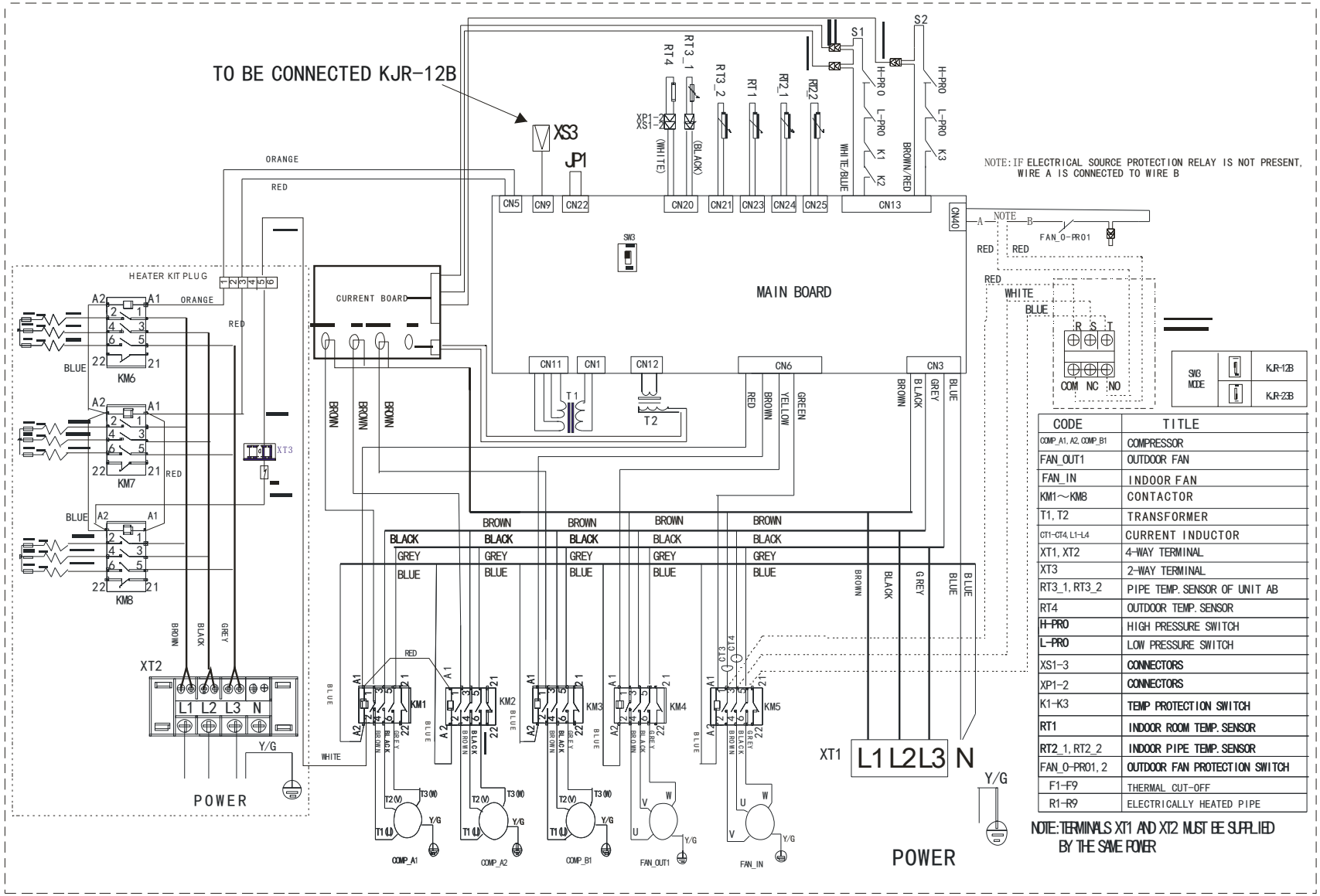
NOTE: TERMINALS XT1 AND XT2 MUST BE SUPPLIED BY THE SAME POWER

7.10 TME35T3/1TA21NO1A



CODE	TITLE
COMP_A1, A2, COMP_B1	COMPRESSOR
FAN_OUT1	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1～KM8	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4, L1-L4	CURRENT INDUCTOR
XT1, XT2	4-WAY TERMINAL
XT3	2-WAY TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
RT4	OUTDOOR TEMP. SENSOR
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-3	CONNECTORS
XP1-2	CONNECTORS
K1-K3	TEMP PROTECTION SWITCH
RT1	INDOOR ROOM TEMP. SENSOR
RT2_1, RT2_2	INDOOR PIPE TEMP. SENSOR
FAN_O-PRO1, 2	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

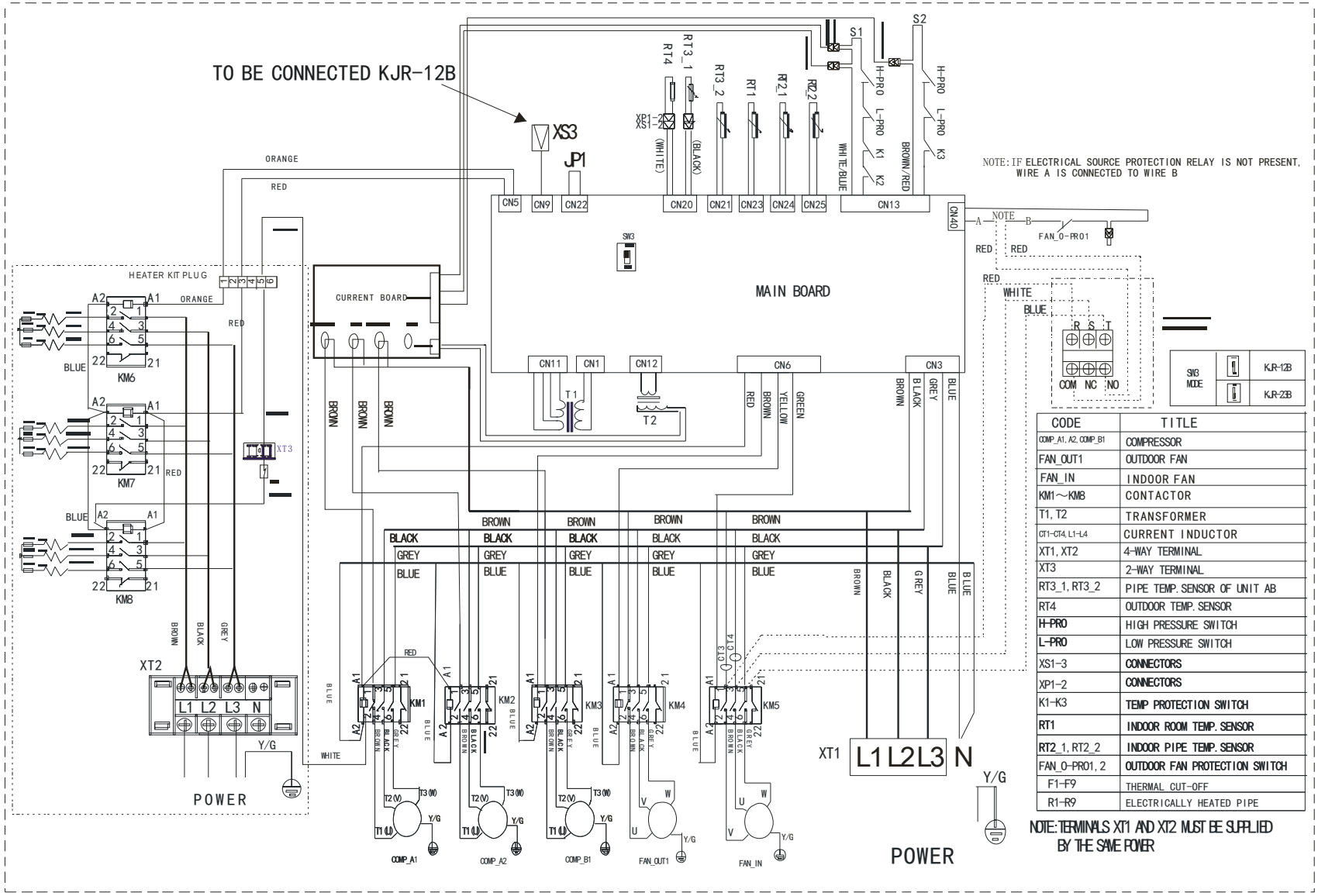
7.11 TMC44T3/1TA00NO1A



CODE	TITLE
COMP_A1, A2, COMP_B1	COMPRESSOR
FAN_OUT1	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1～KM8	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4, L1-L4	CURRENT INDUCTOR
XT1, XT2	4-WAY TERMINAL
XT3	2-WAY TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
RT4	OUTDOOR TEMP. SENSOR
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-3	CONNECTORS
XP1-2	CONNECTORS
K1-K3	TEMP PROTECTION SWITCH
RT1	INDOOR ROOM TEMP. SENSOR
RT2_1, RT2_2	INDOOR PIPE TEMP. SENSOR
FAN_O-PRO1, 2	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

NOTE: TERMINALS XT1 AND XT2 MUST BE SUPPLIED BY THE SAME POWER

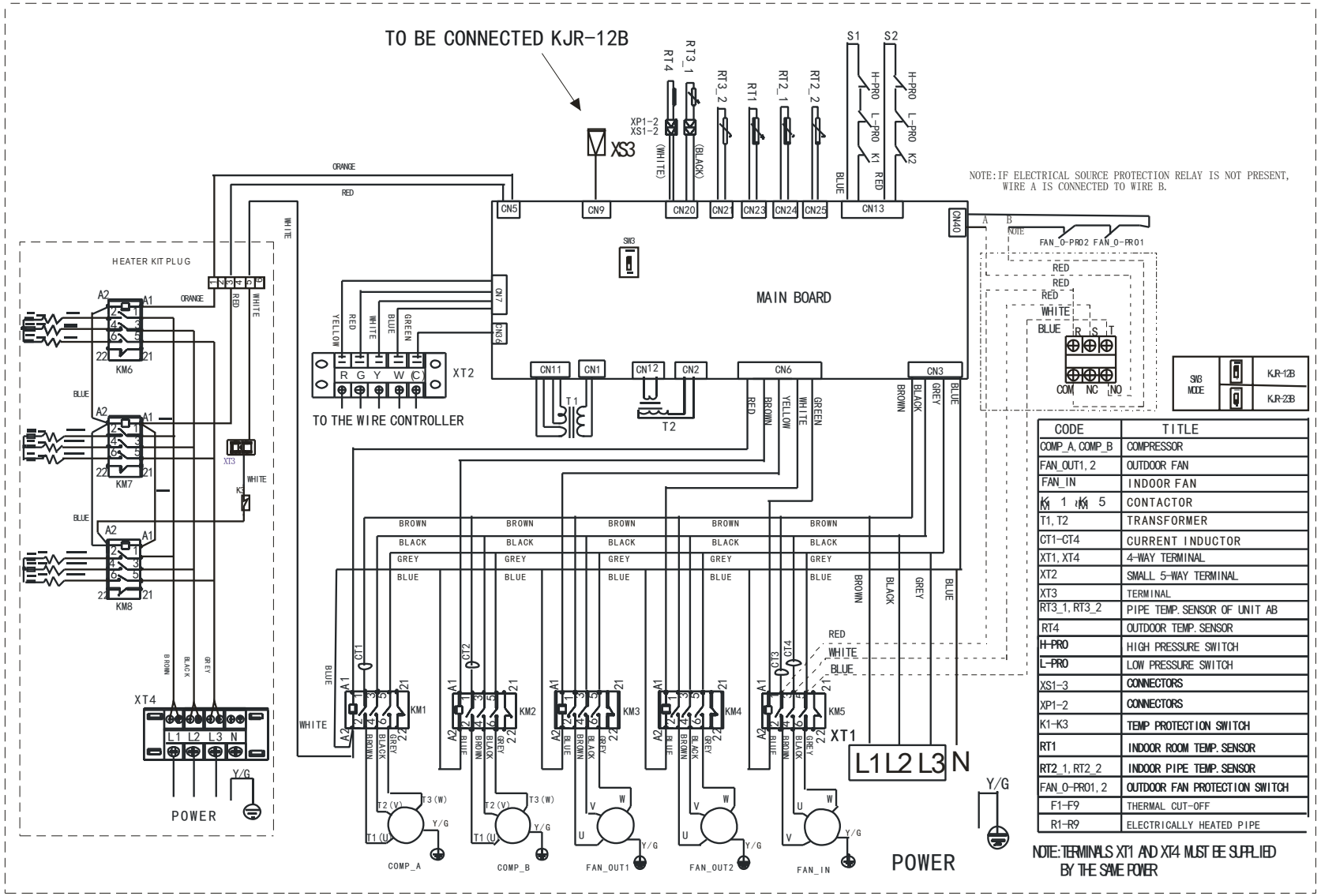
7.12 TME44T3/1TA30NO1A



CODE	TITLE
COMP_A1, A2, COMP_B1	COMPRESSOR
FAN_OUT1	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1～KM8	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4, L1-L4	CURRENT INDUCTOR
XT1, XT2	4-WAY TERMINAL
XT3	2-WAY TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
RT4	OUTDOOR TEMP. SENSOR
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-3	CONNECTORS
XP1-2	CONNECTORS
K1-K3	TEMP PROTECTION SWITCH
RT1	INDOOR ROOM TEMP. SENSOR
RT2_1, RT2_2	INDOOR PIPE TEMP. SENSOR
FAN_O-PRO1, 2	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

NOTE: TERMINALS XT1 AND XT2 MUST BE SUPPLIED BY THE SAME POWER

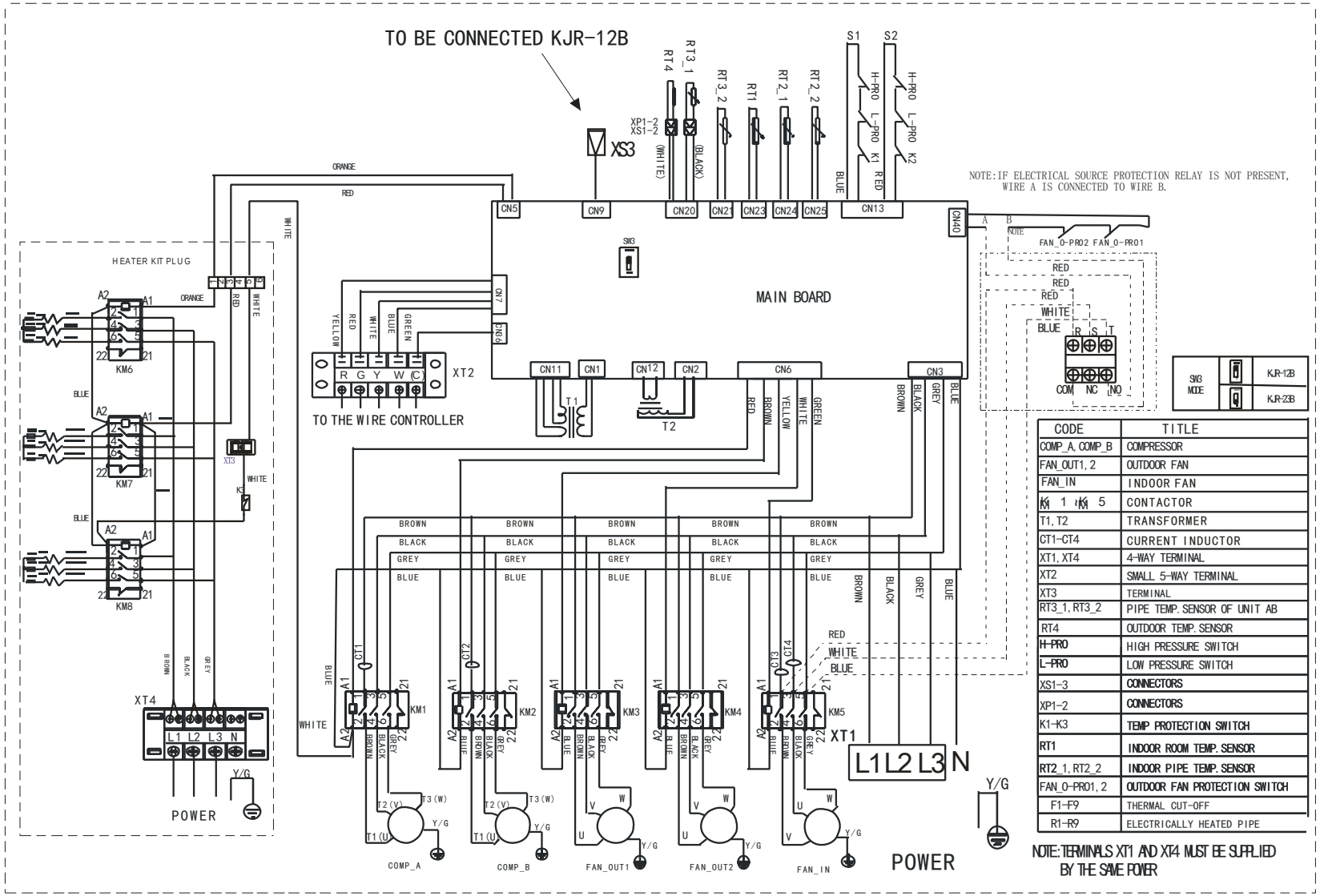
7.13 TMC53T3/1TA00NO1A



CODE	TITLE
COMP_A, COMP_B	COMPRESSOR
FAN_OUT1, 2	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1 ~ KM5	CONTACTOR
T1, T2	TRANSFORMER
CT1~CT4	CURRENT INDUCTOR
XT1, XT4	4-WAY TERMINAL
XT2	SMALL 5-WAY TERMINAL
XT3	TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
RT4	OUTDOOR TEMP. SENSOR
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-3	CONNECTORS
XP1-2	CONNECTORS
K1-K3	TEMP PROTECTION SWITCH
RT1	INDOOR ROOM TEMP. SENSOR
RT2_1, RT2_2	INDOOR PIPE TEMP. SENSOR
FAN_O-PRO1, 2	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

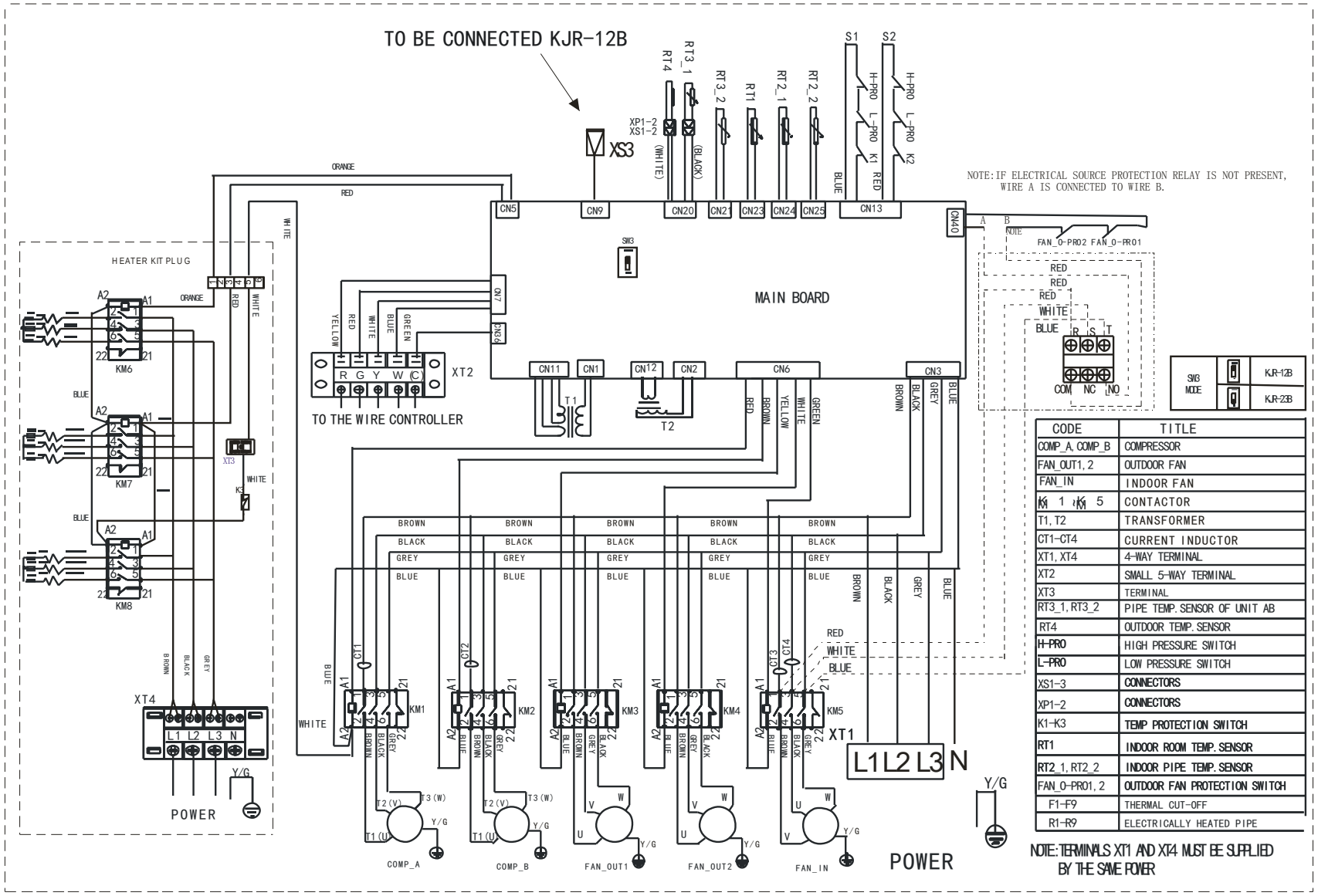
SW8 MODE	
	KJR-12B
	KJR-23B

7.14 TME53T3/1TA30NO1A



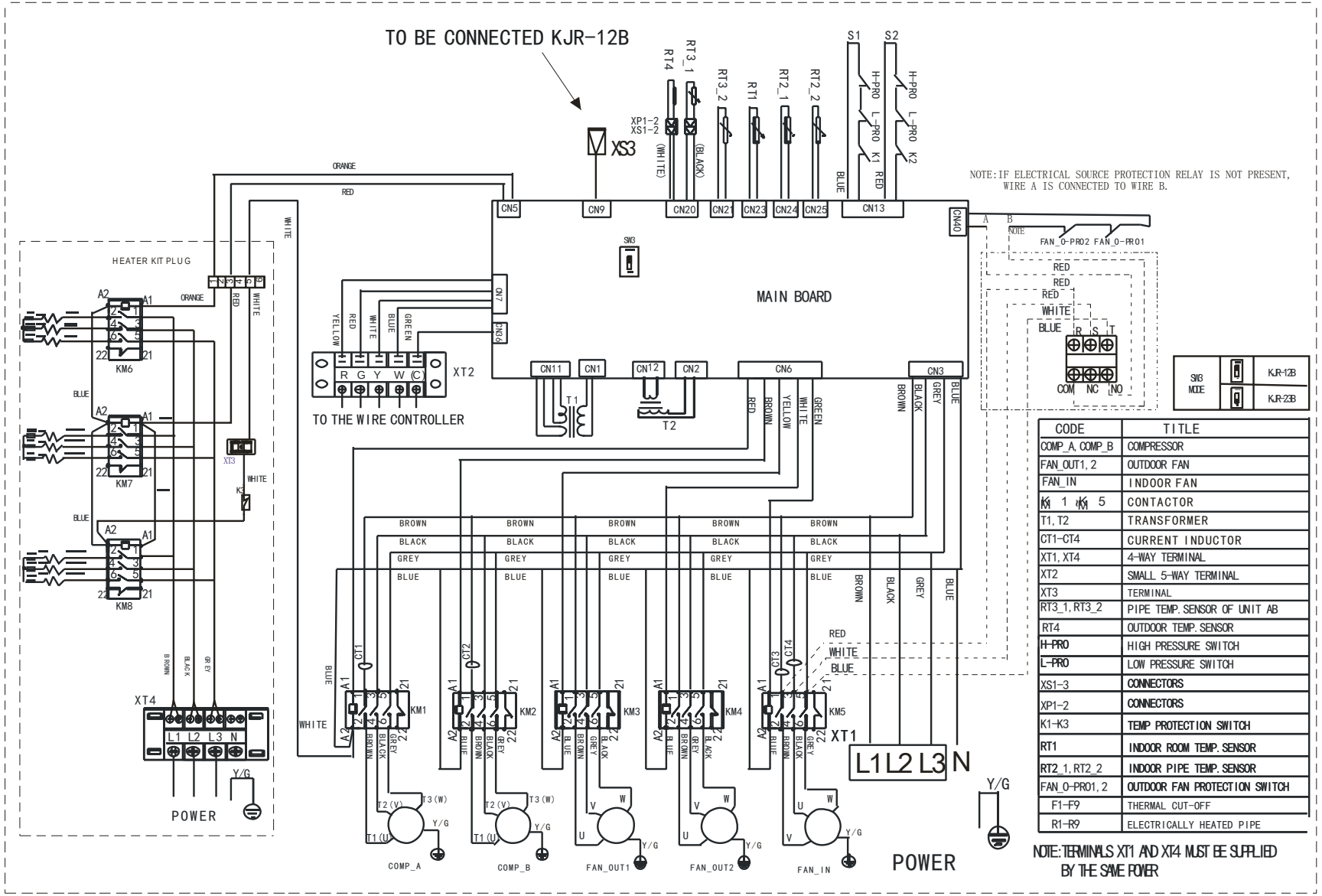
CODE	TITLE
COMP_A, COMP_B	COMPRESSOR
FAN_OUT1, 2	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1 ~ KM5	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4	CURRENT INDUCTOR
XT1, XT4	4-WAY TERMINAL
XT2	SMALL 5-WAY TERMINAL
XT3	TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
RT4	OUTDOOR TEMP. SENSOR
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-3	CONNECTORS
XP1-2	CONNECTORS
K1-K3	TEMP PROTECTION SWITCH
RT1	INDOOR ROOM TEMP. SENSOR
RT2_1, RT2_2	INDOOR PIPE TEMP. SENSOR
FAN_O-PRO1, 2	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

7.15 TMC62T3/1TA00NO1A



CODE	TITLE
COMP_A, COMP_B	COMPRESSOR
FAN_OUT1, 2	OUTDOOR FAN
FAN_IN	INDOOR FAN
KM1 ~ KM5	CONTACTOR
T1, T2	TRANSFORMER
CT1-CT4	CURRENT INDUCTOR
XT1, XT4	4-WAY TERMINAL
XT2	SMALL 5-WAY TERMINAL
XT3	TERMINAL
RT3_1, RT3_2	PIPE TEMP. SENSOR OF UNIT AB
RT4	OUTDOOR TEMP. SENSOR
H-PRO	HIGH PRESSURE SWITCH
L-PRO	LOW PRESSURE SWITCH
XS1-3	CONNECTORS
XP1-2	CONNECTORS
K1-K3	TEMP PROTECTION SWITCH
RT1	INDOOR ROOM TEMP. SENSOR
RT2_1, RT2_2	INDOOR PIPE TEMP. SENSOR
FAN_O-PRO1, 2	OUTDOOR FAN PROTECTION SWITCH
F1-F9	THERMAL CUT-OFF
R1-R9	ELECTRICALLY HEATED PIPE

7.16 TME62T3/1TA52NO1A



8. Performance Data

Cooling capacity for 6.2ton:

Air Flow（CFM）				1700				1900				2100			
	Ent（DB）		（℉	75	80	85	90	75	80	85	90	75	80	85	90
Ambient Temperature	85	61	TC	63.4	64.8	66.2	67.6	67.5	68.9	70.4	72.0	69.2	70.7	72.2	73.8
			SC	55.1	61.6	65.8	67.6	59.1	64.9	68.2	70.7	63.0	65.1	68.0	71.7
			PI	5874.7	6018.7	6271.6	6559.6	6164.	6308.0	6573.0	6866.9	6284.5	6434.5	6699.5	6999.5
		67	TC	73.8	75.4	77.0	78.7	74.7	76.4	78.0	79.7	75.4	77.0	78.7	80.4
			SC	40.6	51.8	62.8	73.4	42.7	55.0	65.9	75.1	43.9	56.0	68.2	78.3
			PI	6430.5	6605.5	7043.1	7393.1	6496.	6671.8	7115.4	7465.4	6545.0	6720.0	7163.6	7513.6
		73	TC	77.0	78.7	80.4	82.1	77.5	79.2	80.9	82.6	77.7	79.4	81.1	82.9
			SC	24.7	36.8	46.1	54.9	25.2	36.5	46.3	57.1	25.6	40.0	47.2	57.4
			PI	7820.1	8020.1	8370.1	8764.1	7856.	8056.3	8406.3	8800.3	7868.3	8068.3	8418.3	8818.3
	95	61	TC	60.1	61.5	62.8	64.2	62.1	63.5	64.9	66.4	64.1	65.5	67.0	68.4
			SC	52.5	57.6	59.6	62.5	54.8	60.1	62.3	65.8	57.2	60.7	64.3	67.0
			PI	6678.5	6857.5	7116.5	7410.5	6823.	7002.2	7267.2	7567.2	6961.8	7146.8	7411.8	7711.8
		67	TC	66.0	67.5	69.0	70.4	67.3	73.1	75.3	76.5	70.9	75.1	76.6	78.0
			SC	39.2	50.9	62.6	66.5	41.2	54.2	66.8	70.9	43.3	57.1	70.4	71.4
			PI	6425.4	6456.5	6851.2	7201.2	6515.	6860.3	7303.2	7635.1	6775.0	7000.0	7393.6	7743.6
		73	TC	76.4	78.0	79.7	81.4	76.8	78.5	80.2	81.9	77.1	78.8	80.5	82.2
			SC	23.8	36.1	46.3	56.6	24.2	36.9	47.8	59.0	24.7	37.6	49.1	60.6
			PI	8230.3	8480.3	8988.0	9388.0	8260.	8510.4	9018.1	9418.1	8284.5	8534.5	9042.3	9442.3
	105	61	TC	54.6	55.8	57.1	58.3	56.6	57.8	59.1	60.4	58.3	59.6	61.0	62.3
			SC	49.8	51.4	53.9	55.5	53.8	54.9	58.2	59.9	57.3	58.3	59.5	61.6
			PI	6766.2	6995.2	7372.8	7666.7	6904.	7139.8	7517.4	7817.4	7031.4	7266.4	7650.0	7950.0
		67	TC	65.0	66.5	67.9	69.4	66.6	68.1	69.6	71.1	67.9	69.4	70.9	72.5
			SC	36.8	48.6	60.6	66.6	39.0	49.6	65.5	70.0	41.2	55.6	70.3	71.7
			PI	6950.0	7194.0	7577.6	7921.6	7064.	7308.5	7698.1	8042.1	7154.9	7404.9	7788.5	8138.5
		73	TC	74.2	75.8	77.5	79.1	74.2	75.8	77.4	79.1	75.4	77.0	78.7	80.4
			SC	22.5	35.0	47.9	58.6	22.5	36.2	49.1	60.3	23.6	37.8	50.5	62.1
			PI	8857.9	9137.9	9745.7	10139.	8851.	9131.9	9733.6	10133.	8942.3	9222.3	9830.0	10230.
	115	61	TC	46.9	48.0	49.1	50.2	48.5	49.6	50.7	51.9	50.7	51.8	53.0	54.3
			SC	45.1	46.3	47.8	49.6	43.4	46.0	48.8	50.1	48.5	50.1	51.7	53.5
			PI	7248.8	7492.8	7716.7	8010.7	7363.	7607.3	7837.3	8131.2	7520.0	7770.0	8000.0	8300.0
		67	TC	56.5	57.8	59.1	60.5	58.0	59.4	60.7	62.1	59.4	60.7	62.1	63.5
			SC	32.0	44.1	55.4	59.5	34.3	47.4	57.9	61.1	36.5	51.0	56.1	63.2
			PI	7536.5	7805.4	8189.1	8533.0	7645.	7920.0	8303.6	8647.5	7741.4	8016.4	8400.0	8750.0
		73	TC	68.4	70.0	71.6	73.2	64.4	65.8	67.3	68.9	70.2	71.8	73.4	75.0
			SC	19.0	30.8	43.4	56.2	19.5	32.6	45.3	57.7	20.1	34.2	48.0	61.2
			PI	8996.4	9290.4	9898.1	10298.	8707.	8995.1	9596.8	9990.8	9123.0	9423.0	10030.	10430.
	118.4	61	TC	45.1	46.2	47.3	48.4	46.7	47.8	48.9	50.1	48.9	50.0	51.2	52.5
			SC	43.3	44.5	46.0	47.8	41.6	44.2	47.0	48.3	46.7	48.3	49.9	51.7
			PI	7578.8	7822.8	8166.7	8460.7	7693.	7937.3	8287.3	8581.2	7850.0	8100.0	8450.0	8750.0
		67	TC	56.1	57.4	58.7	60.1	57.6	59.0	60.3	61.7	59.0	60.3	61.7	63.1
			SC	31.6	43.7	55.0	59.1	33.9	47.0	57.5	60.7	36.1	50.6	57.2	62.8
			PI	7572.1	7841.1	8233.6	8578.6	7680.	7955.6	8348.1	8693.2	7777.0	8052.0	8445.6	8795.6
		73	TC	66.6	68.2	69.8	71.4	62.6	64.0	65.5	67.1	68.4	70.0	71.6	73.2
			SC	17.2	29.0	41.6	54.4	17.7	30.8	43.5	55.9	18.3	32.4	46.2	59.4
			PI	9551.6	9895.6	10503.	10903.	9262.	9600.3	10202.	10596.	9678.2	10028.	10635.	11035.
	125	61	TC	42.3	43.3	44.3	45.4	43.8	44.8	45.8	46.9	45.8	46.9	48.0	49.1
			SC	40.7	41.8	43.1	44.8	39.1	41.5	44.1	45.2	43.8	45.2	46.7	48.5
			PI	8077.9	8346.9	8690.8	8984.8	8186.	8455.4	8799.3	9093.3	8325.0	8600.0	8950.0	9250.0
		67	TC	51.2	52.4	53.5	54.8	52.5	53.8	55.0	56.2	53.8	55.1	56.3	57.6
			SC	28.7	39.8	50.2	53.9	30.8	42.9	52.4	55.3	32.8	46.1	55.3	57.3
			PI	7940.5	8234.5	8672.0	9022.0	8036.	8336.9	8774.5	9124.5	8127.3	8427.3	8870.9	9220.9
		73	TC	62.1	63.5	65.0	66.4	58.4	59.7	61.1	62.4	63.7	65.1	66.7	68.1
			SC	16.7	27.6	39.1	50.9	17.2	29.2	40.9	52.3	17.7	30.7	43.3	55.5
			PI	10168.	10568.	11205.	11605.	9903.	10297.	10928.	11322.	10283.	10683.	11326.	11726.

Notes: 1. All capacities are net and have considered indoor fan heat.
2. TC=Total Capacity. (Unit:1000Btu/h).
3. SC=Sensible Capacity. (Unit:1000Btu/h).
4. PI=Power Input. (Unit:W)
5.Different air volume in the above table,need to adjust in the field.

Cooling capacity for 7.5Ton:

Air Flow（CFM）				2800				3100				3300			
	Ent（DB）		（℉）	75	80	85	90	75	80	85	90	75	80	85	90
Ambient Temperature	85	61	TC	75.3	77.0	78.6	80.3	80.1	81.8	83.6	85.4	82.1	83.9	85.7	87.6
			SC	65.5	73.2	78.1	78.9	70.2	77.1	81.0	83.9	74.8	77.3	80.7	85.1
			PI	7603.9	7748.9	8004.0	8294.1	7841.2	7986.2	8251.2	8546.3	7940.0	8090.0	8355.0	8655.0
		67	TC	87.6	89.5	91.4	93.4	88.7	90.6	92.6	94.6	89.5	91.4	93.4	95.4
			SC	48.4	61.6	74.6	87.1	50.8	65.4	78.2	89.1	52.3	66.6	81.0	92.9
			PI	8051.1	8226.1	8636.8	8986.8	8105.4	8280.4	8696.2	9046.2	8145.0	8320.0	8735.7	9085.7
		73	TC	91.4	93.4	95.4	97.4	92.0	94.0	96.0	98.0	92.2	94.2	96.2	98.3
			SC	29.6	43.8	54.8	65.2	30.1	43.5	55.1	67.9	30.6	47.6	56.1	68.2
			PI	9085.5	9285.5	9635.5	100806	9115.2	9315.2	9665.2	100602	9125.1	9325.1	9675.1	100751
	95	61	TC	71.4	73.0	74.6	76.2	73.8	75.4	77.1	78.8	76.1	77.8	79.5	81.2
			SC	62.4	68.4	70.8	74.2	65.1	71.4	74.0	78.1	68.0	72.1	76.3	79.5
			PI	8167.1	8347.1	8607.2	8902.2	8285.7	8465.8	8730.8	9030.8	8399.4	8584.4	8849.4	9149.4
		67	TC	78.4	80.1	81.9	83.6	79.9	86.8	89.4	90.8	84.2	89.0	90.9	92.6
			SC	46.7	60.5	74.4	79.0	49.1	64.4	79.3	84.1	51.5	67.8	83.6	84.8
			PI	8088.3	8285.3	8520.8	8870.8	8162.4	8491.2	8891.6	9226.7	8375.0	8600.0	8965.7	9315.7
		73	TC	90.6	92.6	94.6	96.6	91.1	93.1	95.1	97.1	91.5	93.5	95.5	97.5
			SC	28.5	43.0	55.1	67.3	29.0	44.0	56.9	70.1	29.6	44.8	58.4	72.0
			PI	9522.0	9772.0	102475	106475	9546.8	9796.8	102723	106723	9566.5	9816.5	102920	106920
	105	61	TC	64.9	66.3	67.8	69.3	67.2	68.7	70.2	71.8	69.3	70.8	72.4	74.0
			SC	59.2	61.1	64.1	66.0	64.0	65.2	69.1	71.2	68.1	69.3	70.7	73.2
			PI	8341.8	8571.8	8922.6	9217.6	8455.5	8690.5	9041.2	9341.2	8559.3	8794.3	9150.0	9450.0
		67	TC	77.2	78.9	80.6	82.4	79.1	80.8	82.6	84.4	80.6	82.4	84.1	86.0
			SC	43.8	57.8	72.0	79.1	46.5	59.0	77.8	83.1	49.1	66.1	83.4	85.1
			PI	8508.2	8753.3	9109.0	9454.0	8602.1	8847.2	9207.9	9552.9	8676.3	8926.3	9282.0	9632.0
		73	TC	88.1	90.0	92.0	93.9	88.0	89.9	91.8	93.8	89.5	91.4	93.4	95.4
			SC	27.0	41.7	57.0	69.6	26.9	43.2	58.4	71.6	28.2	45.0	60.0	73.7
			PI	102414	105214	110969	114919	102364	105164	110870	114870	103106	105906	111661	115661
	115	61	TC	52.4	53.7	55.0	56.4	54.3	55.6	57.0	58.4	56.9	58.3	59.7	61.2
			SC	50.3	51.7	53.5	55.7	48.3	51.4	54.7	56.2	54.4	56.2	58.1	60.3
			PI	8797.5	9042.6	9267.6	9562.7	8891.5	9136.5	9366.5	9661.6	9020.0	9270.0	9500.0	9800.0
		67	TC	63.8	65.3	66.9	68.5	65.6	67.2	68.8	70.4	67.2	68.8	70.4	72.1
			SC	34.9	49.2	62.5	67.3	37.6	53.1	65.4	69.2	40.2	57.3	69.2	71.7
			PI	9101.2	9371.2	9727.0	100720	9190.2	9465.2	9820.9	101660	9269.3	9544.3	9900.0	102500
		73	TC	77.9	79.7	81.6	83.5	73.1	74.8	76.6	78.4	80.0	81.9	83.8	85.7
			SC	19.5	33.4	48.3	63.5	20.1	35.5	50.6	65.2	20.8	37.5	53.7	69.4
			PI	102116	105067	110821	114821	99743	102644	108350	112300	103154	106154	111909	115909
	118.4	61	TC	51.4	52.7	54.0	55.4	53.3	54.6	56.0	57.4	55.9	57.3	58.7	60.2
			SC	49.3	50.7	52.5	54.7	47.3	50.4	53.7	55.2	53.4	55.2	57.1	59.3
			PI	9127.5	9372.6	9717.6	100127	9221.5	9466.5	9816.5	101116	9350.0	9600.0	9950.0	102500
		67	TC	63.3	64.7	66.2	67.7	65.1	66.6	68.1	69.6	66.7	68.2	69.7	71.3
			SC	34.4	48.6	61.8	66.5	37.1	52.5	64.7	68.4	39.7	56.7	68.0	70.9
			PI	9125.9	9396.0	9759.5	101028	9214.9	9489.9	9853.5	101968	9294.0	9569.0	9930.8	102808
		73	TC	76.9	78.7	80.6	82.5	72.1	73.8	75.6	77.4	79.0	80.9	82.8	84.7
			SC	18.5	32.4	47.3	62.5	19.1	34.5	49.6	64.2	19.8	36.5	52.7	68.4
			PI	108594	112044	117799	121799	106220	109622	115327	119278	109632	113132	118887	122887
	125	61	TC	47.0	48.2	49.4	50.7	48.8	50.0	51.2	52.5	51.1	52.4	53.7	55.1
			SC	45.1	46.4	48.0	50.0	43.2	46.1	49.1	50.5	48.8	50.5	52.2	54.3
			PI	9622.3	9892.4	102374	105325	9711.3	9981.3	103264	106215	9825.0	101000	104500	107500
		67	TC	57.5	58.9	60.3	61.8	59.1	60.6	62.0	63.5	60.6	62.1	63.6	65.1
			SC	31.0	44.1	56.3	60.7	33.4	47.7	58.9	62.4	35.8	51.5	62.4	64.7
			PI	9476.6	9771.7	101786	105286	9555.7	9855.7	102626	106126	9629.9	9929.9	103417	106917
		73	TC	70.4	72.1	73.8	75.5	66.0	67.6	69.2	70.8	72.3	74.0	75.8	77.5
			SC	16.8	29.6	43.2	57.2	17.4	31.5	45.4	58.8	18.0	33.3	48.2	62.6
			PI	115670	119670	125725	129725	113495	117445	123451	127402	116609	120609	126714	130714

Notes:

1. All capacities are net and have considered indoor fan heat.
2. TC=Total Capacity. (Unit:1000Btu/h).
3. SC=Sensible Capacity. (Unit:1000Btu/h).
4. PI=Power Input. (Unit:W)
5. Different air volume in the above table,need to adjust in the field.

Cooling capacity for 8.5Ton:

Air Flow（CFM）				2900				3150				3300			
	Ent（DB）		（℉）	75	80	85	90	75	80	85	90	75	80	85	90
Ambient Temperature	85	61	TC	88.4	90.2	92.2	94.2	90.8	92.8	94.8	96.8	93.2	95.1	97.2	99.2
			SC	76.3	77.9	79.6	81.3	81.8	83.6	85.4	87.2	86.9	88.8	90.7	92.6
			PI	9266.8	9413.4	9675.1	9971.7	9364.7	9514.7	9776.3	100763	9455.8	9605.8	9870.8	101708
		67	TC	99.1	101.2	103.4	105.6	100.1	102.2	104.4	106.6	101.0	103.2	105.4	107.6
			SC	56.0	72.2	86.1	100.3	58.1	74.1	90.0	103.4	60.2	76.7	93.2	105.1
			PI	9691.4	9866.4	101137	104637	9731.9	9906.9	101542	105042	9769.0	9944.0	101947	105447
		73	TC	102.9	105.2	107.4	109.6	103.3	105.5	107.7	110.0	103.5	105.8	108.0	110.3
			SC	34.2	48.9	61.5	75.0	34.7	49.7	62.9	76.2	35.3	55.1	63.9	77.6
			PI	103825	106825	109825	113291	103960	105960	109460	113460	104061	106061	109561	113561
	95	61	TC	81.4	83.2	85.0	86.8	84.1	85.9	87.8	89.6	86.6	88.5	90.4	92.4
			SC	72.8	74.4	75.9	77.6	78.3	80.0	81.8	83.6	83.6	85.4	87.3	89.2
			PI	9608.6	9790.2	100518	103451	9713.2	9894.8	101598	104564	9814.4	9999.4	102644	105644
		67	TC	95.0	97.1	99.2	101.3	98.3	102.2	103.4	104.8	99.4	103.0	103.6	106.7
			SC	54.0	70.3	86.4	99.1	57.0	74.6	91.0	99.8	59.6	78.8	96.4	103.4
			PI	9802.9	9967.2	102252	105381	9931.1	101663	103939	106765	9975.0	102000	104007	107507
		73	TC	102.0	104.1	106.4	108.7	102.2	104.4	106.6	108.9	102.8	105.1	107.3	109.5
			SC	33.0	49.4	63.2	77.1	33.8	50.5	65.6	80.6	34.0	51.2	66.8	83.0
			PI	109406	111872	114981	119015	109507	111973	115082	119116	109743	112243	115352	119352
	105	61	TC	74.3	75.9	77.6	79.3	77.1	78.8	80.6	82.3	78.8	80.6	82.3	84.1
			SC	69.2	70.8	72.3	73.9	74.9	76.5	78.2	79.9	73.4	75.0	76.6	78.2
			PI	9945.5	101771	103644	106611	100568	102918	104825	107791	101243	103593	105500	108500
		67	TC	87.8	89.7	91.7	93.7	90.1	92.0	94.0	96.0	91.5	93.5	95.5	97.5
			SC	51.2	67.4	84.1	92.4	54.4	72.2	90.8	94.4	56.9	77.6	92.3	94.1
			PI	101794	104261	106167	109634	102672	105172	107078	110545	103245	105745	107652	111152
		73	TC	99.4	101.6	103.7	105.9	100.1	102.2	104.4	106.6	100.6	102.8	105.0	107.2
			SC	31.3	47.5	62.7	77.6	32.0	49.5	66.4	82.2	32.5	51.2	67.8	84.8
			PI	115553	118553	122429	126429	115823	118623	122699	126699	116026	118826	122935	126935
	115	61	TC	61.3	62.7	64.3	65.8	63.8	65.3	66.8	68.5	66.4	68.0	69.6	71.2
			SC	59.8	61.3	62.7	64.3	61.2	62.6	64.2	65.7	64.6	66.2	67.7	69.3
			PI	102176	104642	106908	109874	103154	105654	107920	110920	104200	106700	109000	112000
		67	TC	74.1	75.8	77.6	79.4	75.8	79.0	79.4	81.2	77.8	79.6	81.5	83.4
			SC	41.7	58.6	74.8	76.5	45.0	62.9	77.6	79.4	48.0	68.0	79.3	82.0
			PI	106892	109609	111482	114948	107533	110857	112156	115623	108343	111093	113000	116500
		73	TC	89.5	91.5	93.6	95.7	90.2	92.3	94.4	96.6	90.8	92.9	95.0	97.2
			SC	23.5	39.8	56.0	71.9	24.1	42.2	59.6	76.5	24.8	44.6	62.6	81.0
			PI	116699	119699	123774	127774	117002	120002	124112	128112	117238	120238	124348	128348
	118.4	61	TC	59.2	60.6	62.2	63.7	61.7	63.2	64.7	66.4	64.3	65.9	67.5	69.1
			SC	57.7	59.2	60.6	62.2	59.1	60.5	62.1	63.6	62.5	64.1	65.6	67.2
			PI	105476	107942	111408	114374	106454	108954	112420	115420	107500	110000	113500	116500
		67	TC	73.9	75.6	77.4	79.2	75.6	78.8	79.2	81.0	77.6	79.4	81.3	83.2
			SC	41.5	58.4	74.6	76.3	44.8	62.7	77.4	79.2	47.8	67.8	79.0	81.8
			PI	107089	109805	118490	121948	107730	111054	119165	122623	108540	111290	120000	123500
		73	TC	87.4	89.4	91.5	93.6	88.1	90.2	92.3	94.5	88.7	90.8	92.9	95.1
			SC	21.4	37.7	53.9	69.8	22.0	40.1	57.5	74.4	22.7	42.5	60.5	78.9
			PI	122312	125812	129888	133888	122616	126116	130225	134225	122852	126352	130461	134461
	125	61	TC	54.6	55.9	57.2	58.7	56.8	58.2	59.6	61.1	59.2	60.7	62.6	63.6
			SC	53.2	54.5	55.9	57.2	54.5	55.8	57.2	58.6	57.6	59.0	60.4	61.9
			PI	110428	113111	116408	119577	111305	114022	117353	120522	112250	115000	118500	121500
		67	TC	66.2	67.8	69.4	71.0	67.7	71.2	71.5	72.7	69.6	71.4	72.9	74.6
			SC	36.8	52.1	66.8	68.5	39.8	56.0	69.3	71.0	42.5	60.6	70.9	73.4
			PI	110135	113083	122277	125743	110708	114383	123087	126384	111450	114450	123660	127160
		73	TC	80.2	82.0	83.9	85.9	80.9	82.8	84.7	86.6	81.4	83.3	85.3	87.2
			SC	20.2	35.0	49.7	64.2	20.7	37.3	53.0	68.4	21.3	39.3	55.8	72.5
			PI	128493	132459	136885	140918	128763	132763	137188	141222	128965	132965	137425	141425

Notes:

1. All capacities are net and have considered indoor fan heat.
2. TC=Total Capacity. (Unit:1000Btu/h).
3. SC=Sensible Capacity. (Unit:1000Btu/h).
4. PI=Power Input. (Unit:W)
5. Different air volume in the above table,need to adjust in the field.

Cooling capacity for 10Ton:

Air Flow（CFM）				2800				3200				3500			
	Ent（DB）		（℉）	75	80	85	90	75	80	85	90	75	80	85	90
Ambient Temperature	85	61	TC	100.9	103.1	105.4	107.7	103.9	106.1	108.4	110.7	106.8	109.1	111.4	113.8
			SC	86.8	88.7	90.7	92.7	89.8	91.7	93.7	95.7	96.2	98.3	100.4	102.5
			PI	9935.5	102469	106039	111183	101944	105057	108628	113772	104446	107646	111216	116446
		67	TC	113.4	115.9	118.4	121.0	116.4	118.9	121.4	124.0	117.6	120.1	122.6	125.2
			SC	63.2	82.0	98.3	114.8	66.2	85.0	101.3	117.8	68.6	87.3	105.8	121.5
			PI	110163	113513	117256	122586	112752	116102	119845	125175	113787	117137	120880	126210
		73	TC	117.9	120.5	123.1	125.7	120.9	123.5	126.1	128.7	121.3	123.9	126.5	129.2
			SC	37.7	54.9	69.6	85.3	40.7	57.9	72.6	88.3	41.3	58.8	74.2	89.7
			PI	113982	117482	121312	126725	116571	120071	123900	129314	116916	120416	124245	129745
	95	61	TC	92.8	94.9	97.0	99.1	95.8	97.9	100.0	102.1	98.9	101.0	103.2	105.4
			SC	82.7	84.6	86.4	88.4	85.7	87.6	89.4	91.4	92.2	94.2	96.2	98.3
			PI	9314.3	9634.3	100603	105747	9573.1	9893.1	103192	108336	9840.6	101606	105953	111183
		67	TC	108.7	111.1	113.5	116.0	111.7	114.1	116.5	119.0	115.5	120.0	121.5	123.1
			SC	60.8	79.8	98.6	113.4	63.8	82.8	101.6	116.4	67.3	87.8	107.0	117.3
			PI	108783	110321	114840	120947	111371	112909	117429	123535	114650	118000	121743	127073
		73	TC	116.8	119.3	121.9	124.6	119.8	122.3	124.9	127.6	120.1	122.6	125.2	127.9
			SC	36.3	55.4	71.5	87.8	39.3	58.4	74.5	90.8	40.2	59.7	77.3	94.9
			PI	113896	117396	122088	127588	116485	119985	124677	130177	116743	120243	124936	130436
	105	61	TC	84.5	86.4	88.3	90.3	87.5	89.4	91.3	93.3	90.8	92.8	94.8	96.8
			SC	78.6	80.4	82.2	84.0	81.6	83.4	85.2	87.0	88.2	90.1	92.0	94.0
			PI	106258	109372	112770	118000	108846	111960	115358	120588	111694	114894	118378	123608
		67	TC	100.3	102.5	104.8	107.1	103.3	105.5	107.8	110.1	105.9	108.2	110.5	112.8
			SC	57.6	76.4	95.9	105.6	60.6	79.4	98.9	108.6	64.3	85.1	106.7	110.9
			PI	120000	123363	127006	132336	122588	125852	129595	134925	124832	128182	131925	137255
		73	TC	113.8	116.3	118.8	121.4	116.8	119.3	121.8	124.4	117.6	120.1	122.6	125.2
			SC	34.3	53.2	71.0	88.3	37.3	56.2	74.0	91.3	38.2	58.6	78.3	96.7
			PI	131671	135171	139086	144586	134259	137759	141675	147175	134949	138449	142365	147865
	115	61	TC	76.3	78.0	79.8	81.6	79.3	81.0	82.8	84.6	82.2	84.0	85.8	87.7
			SC	74.6	76.3	78.0	79.8	77.6	79.3	81.0	82.8	79.2	80.9	82.7	84.5
			PI	113161	116274	121225	126369	115749	118863	123814	128958	118251	121451	126402	131632
		67	TC	91.3	93.3	95.4	97.5	94.3	96.3	98.4	100.5	96.2	100.0	100.4	102.5
			SC	53.5	73.2	92.1	94.1	56.5	76.2	95.1	97.1	60.3	81.2	98.3	100.4
			PI	127679	129476	134686	140016	130267	132064	137274	142604	131907	135257	139000	144330
		73	TC	109.2	111.6	114.0	116.5	112.2	114.6	117.0	119.5	113.1	115.5	118.0	120.5
			SC	32.2	51.3	70.1	88.7	35.2	54.3	73.1	91.7	35.9	57.1	77.3	97.1
			PI	141766	145266	150735	156235	144354	147854	153323	158823	145131	148631	154186	159686
	118	61	TC	74.1	75.8	77.6	79.4	77.1	78.8	80.6	82.4	80.0	81.8	83.6	85.5
			SC	72.4	74.1	75.8	77.6	75.4	77.1	78.8	80.6	77.0	78.7	80.5	82.3
			PI	114369	117482	122441	127585	116957	120071	125030	130173	119459	122659	127618	132848
		67	TC	89.5	91.5	93.6	95.7	92.5	94.5	96.6	98.7	94.4	98.2	98.6	100.7
			SC	51.7	71.4	90.3	92.3	54.7	74.4	93.3	95.3	58.5	79.4	93.7	98.6
			PI	129232	131029	136247	141569	131821	133617	138835	144157	133460	136810	140553	145883
		73	TC	107.0	109.4	111.8	114.3	110.0	112.4	114.8	117.3	110.9	113.3	115.8	118.3
			SC	30.0	49.1	67.9	86.5	33.0	52.1	70.9	89.5	33.7	54.9	75.1	94.9
			PI	142974	146474	151950	157450	145662	149062	154539	160039	146339	149839	155402	160902
	125	61	TC	68.5	70.0	71.6	73.3	71.5	73.0	74.6	76.3	74.1	75.7	77.4	79.1
			SC	66.9	68.4	70.0	71.6	69.9	71.4	73.0	74.6	71.4	72.9	74.5	76.2
			PI	123428	126542	131407	136637	126017	129131	133996	139226	128260	131460	136411	141641
		67	TC	82.1	83.9	85.8	87.7	85.1	86.9	88.8	90.7	86.8	90.9	91.2	92.6
			SC	47.7	65.6	82.8	84.7	50.7	68.6	85.8	87.7	54.2	73.2	88.7	90.6
			PI	137170	138536	143659	149421	139759	141124	146248	152009	141226	144576	148319	153649
		73	TC	98.4	100.5	102.7	105.0	101.4	103.5	105.7	108.0	102.2	104.4	106.6	108.9
			SC	28.4	45.7	62.8	79.7	31.4	48.7	65.8	82.7	32.0	51.3	69.6	87.6
			PI	149445	152859	158241	163741	152034	155447	160830	166330	152724	156224	161607	167107

Notes:

1. All capacities are net and have considered indoor fan heat.
2. TC=Total Capacity. (Unit:1000Btu/h).
3. SC=Sensible Capacity. (Unit:1000Btu/h).
4. PI=Power Input. (Unit:W)
5. Different air volume in the above table,need to adjust in the field.

Cooling capacity for 12.5Ton:

Air Flow（CFM）				4000				4500				5000			
	Ent（DB）		（℉）	75	80	85	90	75	80	85	90	75	80	85	90
Ambient Temperature	85	61	TC	129.5	132.1	134.9	137.6	133.0	135.7	138.5	141.4	136.2	139.0	141.8	144.7
			SC	112.6	114.8	117.2	119.6	120.2	122.8	125.3	127.8	127.4	130.1	132.7	135.5
			PI	115787	118874	123379	128496	119078	122278	126784	132014	122142	125342	129961	135191
		67	TC	144.5	147.5	150.5	153.6	145.9	148.9	151.9	155.0	147.2	150.2	153.4	156.5
			SC	84.2	106.8	126.4	146.2	87.1	109.6	131.8	150.6	90.0	113.2	136.2	152.9
			PI	130049	133399	138131	143461	131411	134761	139493	144823	132659	136009	140855	146185
		73	TC	149.9	153.0	156.1	159.2	150.4	153.5	156.6	159.8	150.7	153.8	157.0	160.2
			SC	53.6	74.3	91.9	110.8	54.4	75.4	93.8	112.4	55.2	82.9	95.3	114.5
			PI	135119	139619	143465	148851	135573	139073	143919	149419	136913	139413	144259	149759
	95	61	TC	119.8	122.3	124.8	127.3	123.5	126.0	128.6	131.3	127.1	129.7	132.4	135.1
			SC	107.6	109.9	112.1	114.5	115.4	117.8	120.2	122.8	122.9	125.4	128.0	130.7
			PI	116700	119787	126221	131224	120218	123305	129853	134969	123622	126822	133370	138600
		67	TC	138.8	141.7	144.6	147.6	143.4	148.8	150.6	152.5	145.0	150.0	150.8	155.2
			SC	81.4	104.2	126.7	144.5	85.6	110.2	133.2	145.6	89.3	115.6	140.8	150.5
			PI	136863	138170	144945	149027	141175	144865	150619	153679	142650	146000	150946	156176
		73	TC	148.6	151.6	154.7	157.9	148.9	151.9	155.0	158.3	149.8	152.9	156.0	159.1
			SC	52.0	74.9	94.2	113.8	53.0	76.4	97.6	118.7	53.4	77.5	99.4	122.0
			PI	144089	147475	154477	160091	144429	147816	154818	160431	145223	148723	155725	161225
	105	61	TC	109.8	112.1	114.4	116.8	113.8	116.2	118.6	121.0	116.2	118.6	121.0	123.5
			SC	102.7	104.9	107.0	109.2	110.6	112.9	115.2	117.6	108.5	110.8	113.0	115.3
			PI	132228	135314	139706	144823	136972	139172	143678	148794	138242	141442	145947	151177
		67	TC	128.8	131.4	134.2	136.9	131.9	134.6	137.4	140.2	133.9	136.7	139.4	142.3
			SC	77.5	100.1	123.5	135.1	82.0	106.9	132.8	137.9	85.4	114.4	135.0	137.5
			PI	150348	153684	158430	163646	153298	156648	161494	166710	155227	158577	163423	168753
		73	TC	145.0	148.0	151.0	154.1	145.9	148.9	151.9	155.0	146.6	149.6	152.8	155.9
			SC	49.6	72.2	93.6	114.4	50.6	75.1	98.8	120.8	51.2	77.4	100.7	124.6
			PI	165744	169244	174317	179817	166652	170152	175225	180725	167333	170833	176019	181519
	115	61	TC	98.4	100.4	102.6	104.7	101.8	104.0	106.2	108.4	105.6	107.7	110.0	112.3
			SC	96.3	98.4	100.4	102.6	98.2	100.3	102.4	104.6	103.0	105.2	107.4	109.6
			PI	145713	148799	153191	158308	149003	152203	156595	161825	152521	155721	160227	165457
		67	TC	116.4	118.8	121.3	123.8	118.6	123.2	123.7	126.2	121.5	124.0	126.7	129.3
			SC	71.0	94.6	117.3	119.7	75.6	100.6	121.2	123.7	79.8	107.7	123.6	127.4
			PI	162925	166161	170894	176110	165081	170360	173163	178380	167804	171154	176000	181330
		73	TC	137.8	140.7	143.6	146.6	138.9	141.8	144.8	147.8	139.8	142.6	145.6	148.6
			SC	45.4	68.4	90.9	113.2	46.3	71.7	96.0	119.7	47.2	75.0	100.3	126.0
			PI	183427	186927	192000	197500	184449	187949	193135	198635	185243	188743	193929	199429
	118.4	61	TC	94.9	96.9	99.1	101.2	98.3	100.5	102.7	104.9	102.1	104.2	106.5	108.8
			SC	92.8	94.9	96.9	99.1	94.7	96.8	98.9	101.1	99.5	101.7	103.9	106.1
			PI	146320	149406	154178	159295	149611	152811	157583	162813	153128	156328	161214	166444
		67	TC	115.5	117.9	120.4	122.9	117.7	122.3	122.8	125.3	120.6	123.1	125.8	128.4
			SC	70.1	93.7	116.4	118.8	74.7	99.7	120.3	122.8	78.9	106.8	118.3	126.5
			PI	163170	166407	171519	176714	165327	170606	173789	178984	168050	171400	176604	181934
		73	TC	134.3	137.2	140.1	143.1	135.4	138.3	141.3	144.3	136.3	139.1	142.1	145.1
			SC	41.9	64.9	87.4	109.7	42.8	68.2	92.5	116.2	43.7	71.5	96.8	122.5
			PI	181215	184715	190168	195668	182236	185736	191302	196802	183030	186530	192097	197597
	125	61	TC	89.0	90.8	92.7	94.8	92.1	94.0	96.1	98.1	95.5	97.5	100.2	101.6
			SC	87.1	88.9	90.8	92.7	88.9	90.7	92.6	94.6	93.2	95.1	97.2	99.2
			PI	158762	161736	166713	172510	161713	164799	169990	175687	164890	168090	173748	178978
		67	TC	105.3	107.5	109.8	112.0	107.4	112.3	112.6	114.3	110.0	112.5	114.7	117.1
			SC	64.0	85.5	106.2	108.4	68.2	91.0	109.6	111.9	72.1	97.4	111.8	115.4
			PI	174499	177509	182826	188043	176428	182048	185550	190199	178925	182275	187479	192809
		73	TC	124.9	127.4	130.0	132.8	125.8	128.5	131.1	133.9	126.6	129.2	132.0	134.6
			SC	40.9	61.6	82.2	102.4	41.6	64.8	86.7	108.3	42.4	67.6	90.7	114.1
			PI	192960	196346	202004	207618	193867	197367	203025	208639	194548	198048	203820	209320

Notes:

1. All capacities are net and have considered indoor fan heat.
2. TC=Total Capacity. (Unit:1000Btu/h).
3. SC=Sensible Capacity. (Unit:1000Btu/h).
4. PI=Power Input. (Unit:W)
5. Different air volume in the above table,need to adjust in the field.

Cooling capacity for 15Ton:

Air Flow（CFM）				5000				5500				6000			
	Ent（DB）		（℉）	75	80	85	90	75	80	85	90	75	80	85	90
Ambient Temperature	85	61	TC	157.1	159.1	166.4	176.2	161.5	165.1	172.5	182.2	163.4	167.7	178.6	187.1
			SC	125.0	149.3	159.5	168.8	132.2	159.1	167.1	176.5	139.6	160.7	171.2	179.4
			PI	169407	172207	179010	181240	170907	173707	180510	182740	173807	176707	183510	185740
		67	TC	176.8	179.0	181.1	183.7	182.2	183.5	184.6	185.9	184.5	186.0	187.1	188.6
			SC	98.2	121.3	143.3	166.4	102.8	126.2	150.6	173.7	104.7	159.9	165.5	181.1
			PI	172872	175672	181975	184205	174372	177172	183475	185705	177372	180172	186475	188705
		73	TC	187.1	190.8	193.3	195.7	189.3	192.0	195.7	198.0	191.8	194.5	196.8	199.3
			SC	65.7	90.3	110.5	129.9	67.1	92.5	113.1	132.1	68.4	93.4	115.1	137.2
			PI	177872	180672	186975	189205	179372	182172	188475	190705	182372	185172	191475	193705
	95	61	TC	146.9	150.6	158.0	168.9	148.8	155.5	165.2	174.9	154.3	158.0	170.1	179.8
			SC	118.8	143.3	153.0	163.6	126.2	150.6	160.1	169.5	133.6	153.0	164.8	174.3
			PI	177971	180471	185774	191004	179471	181971	187274	192504	182471	184971	190274	195504
		67	TC	165.2	167.7	170.1	173.7	172.5	173.5	176.2	177.4	178.6	180.8	181.2	182.2
			SC	93.4	116.5	139.6	162.7	97.6	122.5	147.0	172.5	121.6	157.3	164.3	179.8
			PI	181700	184500	187427	192657	183200	186000	188927	194157	186200	189000	191927	197157
		73	TC	182.3	184.6	187.0	189.6	183.7	185.7	188.7	192.0	185.4	187.8	190.3	191.5
			SC	62.5	86.6	108.3	128.7	64.0	89.8	111.3	133.6	65.3	91.4	114.2	137.2
			PI	186700	189500	192427	197657	188200	191000	193927	199157	191200	194000	196927	202157
	105	61	TC	136.2	139.9	147.3	159.6	141.1	144.8	157.1	164.5	143.6	149.7	163.2	172.1
			SC	113.1	134.0	141.1	152.9	121.4	138.7	150.5	157.6	128.8	145.0	158.1	166.7
			PI	185099	187399	189702	199932	186599	188899	191202	198432	189599	191899	194202	201432
		67	TC	157.1	159.6	163.2	164.5	158.3	162.0	166.9	169.4	166.9	169.4	171.9	174.3
			SC	88.1	111.6	134.8	159.2	102.5	117.7	143.3	164.1	96.1	123.8	150.6	168.9
			PI	189132	190432	195359	202589	190632	191932	196859	204089	193632	194932	199859	207089
		73	TC	179.2	180.5	181.7	182.9	181.7	182.9	184.2	186.6	184.2	185.4	186.6	187.8
			SC	59.1	82.7	105.2	126.3	60.5	85.8	109.0	132.4	61.8	88.8	112.1	135.9
			PI	194132	195432	200359	207589	195632	196932	201859	209089	198632	199932	204859	212089
	115	61	TC	108.9	113.8	126.1	138.4	112.6	120.0	132.3	144.6	116.3	118.9	129.4	150.7
			SC	93.0	109.7	121.7	133.6	100.1	114.3	126.1	137.9	106.4	114.7	124.9	145.5
			PI	183377	188227	193080	202860	184877	189727	194580	204360	187877	192727	197580	207360
		67	TC	132.3	134.7	135.9	139.4	133.5	137.2	139.6	142.1	142.1	144.6	148.2	152.5
			SC	76.9	91.9	115.0	138.4	81.8	98.4	123.6	142.1	95.2	112.5	138.3	155.8
			PI	195273	196573	203500	211000	196773	198073	205000	212500	199773	201073	208000	215500
		73	TC	151.9	154.4	156.9	158.1	156.9	159.3	160.5	161.8	160.5	161.8	163.0	164.2
			SC	40.6	64.1	87.4	110.1	42.0	68.3	91.7	115.0	44.9	70.8	96.6	122.4
			PI	200273	201573	208500	216000	201773	203073	210000	217500	204773	206073	213000	220500
	118.4	61	TC	105.9	110.8	123.1	135.4	109.6	117.0	129.3	141.6	113.3	115.9	126.4	147.7
			SC	90.0	106.7	118.7	130.6	97.1	111.3	123.1	134.9	103.4	111.7	121.9	142.5
			PI	181655	189055	196459	208789	183155	190555	197959	210289	186155	193555	200959	213289
		67	TC	131.8	134.1	135.2	138.6	133.0	136.6	138.9	141.3	141.6	144.0	147.5	151.7
			SC	76.4	91.3	114.3	137.6	81.3	97.8	122.9	141.3	94.7	111.8	133.3	155.0
			PI	195480	196780	205457	213257	196980	198280	206857	214757	199980	201280	209957	217757
		73	TC	148.9	151.4	153.9	155.1	153.9	156.3	157.5	158.8	157.5	158.8	160.0	161.2
			SC	37.6	61.1	84.4	107.1	39.0	65.3	88.7	112.0	41.9	67.8	93.6	119.4
			PI	200480	201780	210457	218257	201980	203280	211957	219757	204980	206280	214957	222757
	125	61	TC	103.9	108.6	120.4	130.6	107.4	114.5	126.3	138.2	111.0	119.2	132.3	144.1
			SC	88.6	104.7	116.2	126.0	95.5	110.4	121.9	133.4	101.5	115.0	127.6	139.1
			PI	179934	189884	199837	214717	181434	191384	201337	216217	184434	194384	204337	219217
		67	TC	126.3	128.7	129.9	132.3	127.5	131.1	133.4	135.8	135.8	138.2	141.7	145.6
			SC	73.1	87.5	109.8	132.3	77.8	93.8	118.1	131.1	82.6	99.1	124.0	140.6
			PI	198929	200229	209903	217903	200429	201729	211403	219403	203429	204729	214403	222403
		73	TC	145.3	147.6	150.0	151.2	150.0	152.4	153.5	154.7	153.5	154.7	155.9	157.1
			SC	38.2	60.8	83.2	105.0	39.5	64.8	87.3	109.8	42.4	67.2	92.0	116.9
			PI	203929	205229	214903	222903	205429	206729	216403	224403	208429	209729	219403	227403

Notes:

1. All capacities are net and have considered indoor fan heat.
2. TC=Total Capacity. (Unit:1000Btu/h).
3. SC=Sensible Capacity. (Unit:1000Btu/h).
4. PI=Power Input. (Unit:W)
5. Different air volume in the above table,need to adjust in the field.

Cooling capacity for 17.5Ton:

Air Flow（CFM）				5500				6100				6700			
	Ent（DB）		（℉）	75	80	85	90	75	80	85	90	75	80	85	90
Ambient Temperature	85	61	TC	181.1	183.4	191.8	203.0	186.2	188.5	196.9	208.1	191.2	195.4	203.9	215.0
			SC	144.3	172.2	183.8	194.5	149.4	177.3	188.9	199.6	157.6	188.5	197.7	208.4
			PI	151232	153827	175498	178353	160137	162762	180351	183206	170142	172797	185609	188463
		67	TC	203.7	206.2	208.6	211.6	208.8	211.3	213.7	216.7	215.0	216.5	217.7	219.2
			SC	113.6	140.0	165.3	191.8	118.7	145.1	170.4	196.9	123.9	150.8	178.7	205.2
			PI	173974	176569	198240	201094	182879	185504	203093	206947	192884	195539	207850	210705
		73	TC	215.5	219.7	222.6	225.4	220.6	224.8	227.7	230.5	223.1	226.2	230.5	233.1
			SC	76.3	104.5	127.7	149.9	81.4	109.6	132.8	155.0	83.0	112.1	135.7	157.5
			PI	185145	187740	206911	210266	193550	196175	211764	214619	203055	205710	217522	220376
	95	61	TC	169.4	173.6	182.1	194.6	174.5	178.7	187.2	199.7	176.7	184.4	195.5	206.6
			SC	137.2	165.3	176.4	188.5	142.3	170.4	181.5	193.6	150.8	178.7	189.6	200.4
			PI	168693	171288	190460	193814	177098	179723	195313	198167	186603	189258	200570	203425
		67	TC	190.4	193.2	196.0	200.1	195.5	198.3	201.1	205.2	203.9	208.3	210.7	211.8
			SC	108.1	134.5	161.0	187.5	113.2	139.6	166.1	192.6	118.0	149.8	177.2	204.9
			PI	191435	194080	213201	216556	199840	202465	218054	220909	209345	212000	222812	225666
		73	TC	210.0	212.6	215.4	218.4	215.1	217.7	220.5	223.5	216.7	219.0	222.4	226.2
			SC	72.6	100.3	125.1	148.5	77.7	105.4	130.2	153.6	79.4	109.0	133.7	159.2
			PI	202606	205201	222373	226227	210511	213136	227225	230080	219516	222171	232483	235338
	105	61	TC	157.1	161.4	169.9	184.0	162.2	166.5	175.0	189.1	167.8	172.1	186.2	194.7
			SC	130.6	154.6	162.7	176.3	135.7	159.7	167.8	181.4	145.3	165.1	178.6	186.8
			PI	186155	188750	206921	209776	194060	196685	210774	213629	203065	205720	215532	218386
		67	TC	181.1	184.0	188.1	189.6	186.2	189.1	193.2	194.7	187.6	191.8	197.4	200.3
			SC	102.0	128.9	155.5	183.5	107.1	134.0	160.6	188.6	123.6	141.0	170.4	194.2
			PI	208896	211491	228163	232017	216801	219426	233016	236870	225806	228461	237773	240628
		73	TC	206.4	207.9	209.3	210.7	211.5	213.0	214.4	215.8	214.4	215.8	217.3	220.0
			SC	68.7	95.8	121.6	145.8	73.8	100.9	126.7	150.9	75.4	104.4	131.0	157.9
			PI	232700	235295	250687	255042	240105	242730	255540	258395	248610	251265	260077	262932
	115	61	TC	143.0	148.6	162.7	176.9	148.1	153.7	167.8	182.0	152.4	160.9	175.0	189.1
			SC	124.8	143.9	157.7	171.3	129.9	149.0	162.8	176.4	138.0	154.3	167.8	181.4
			PI	200288	202883	218275	222630	207693	210318	223128	225982	216198	218853	227165	230019
		67	TC	169.9	172.6	174.0	176.9	175.0	177.7	179.1	182.0	176.3	180.6	183.3	186.2
			SC	106.3	123.5	150.0	176.9	111.4	128.6	155.1	182.0	117.1	136.1	165.0	186.2
			PI	221623	224218	239110	243465	229028	231653	243963	246818	237533	240188	248000	250855
		73	TC	192.3	195.2	198.1	199.4	197.4	200.3	203.2	204.5	203.2	205.9	207.3	208.8
			SC	64.7	91.7	118.4	144.4	69.8	96.8	123.5	149.5	71.4	101.6	128.4	155.1
			PI	244168	246763	261155	266009	251073	253698	266008	268862	259078	261733	270545	273399
	118.4	61	TC	137.2	142.8	156.9	171.1	142.3	147.9	162.0	176.2	146.6	155.1	169.2	183.3
			SC	119.0	138.1	151.9	165.5	124.1	143.2	157.0	170.6	132.2	148.5	162.0	175.6
			PI	206807	209402	223794	228648	213712	216337	228647	231501	221717	224372	232684	235538
		67	TC	166.8	169.5	170.9	173.8	171.9	174.6	176.0	178.9	173.2	177.5	180.2	183.1
			SC	103.2	120.4	146.9	173.8	108.3	125.5	152.0	178.9	114.0	133.0	163.6	183.1
			PI	223765	226360	240752	245607	230670	233295	245605	248459	238675	241330	249142	251996
		73	TC	186.5	189.4	192.3	193.6	191.6	194.5	197.4	198.7	197.4	200.1	201.5	203.0
			SC	58.9	85.9	112.6	138.6	64.0	91.0	117.7	143.7	65.6	95.8	122.6	149.3
			PI	249440	253282	266674	272028	255845	259717	271526	274381	263350	267252	276064	278918
	125	61	TC	137.3	142.7	156.2	167.9	142.4	147.8	161.3	173.0	146.4	154.5	168.1	181.7
			SC	119.7	138.2	151.4	162.6	124.8	143.3	156.5	167.7	132.8	149.8	163.0	176.2
			PI	220647	224488	237880	243235	227052	230923	242733	245587	234557	238458	246770	249624
		67	TC	163.0	165.7	167.1	169.9	168.1	170.8	172.2	175.0	169.5	173.6	176.2	179.0
			SC	93.9	118.5	144.1	169.9	99.0	123.6	149.2	175.0	112.1	130.8	158.7	173.6
			PI	227225	231066	244958	250312	233630	237501	249811	252665	241135	245036	252848	255702
		73	TC	184.8	187.4	190.2	191.5	189.9	192.5	195.3	196.6	195.3	198.0	199.3	200.6
			SC	62.0	87.9	113.6	138.6	67.1	93.0	118.7	143.7	68.5	97.6	123.4	149.2
			PI	251450	255291	267683	273038	257855	261726	272536	275391	265360	269261	277073	279928

Notes:

1. All capacities are net and have considered indoor fan heat.
2. TC=Total Capacity. (Unit:1000Btu/h).
3. SC=Sensible Capacity. (Unit:1000Btu/h).
4. PI=Power Input. (Unit:W)
5. Different air volume in the above table,need to adjust in the field.

Cooling capacity for 20Ton:

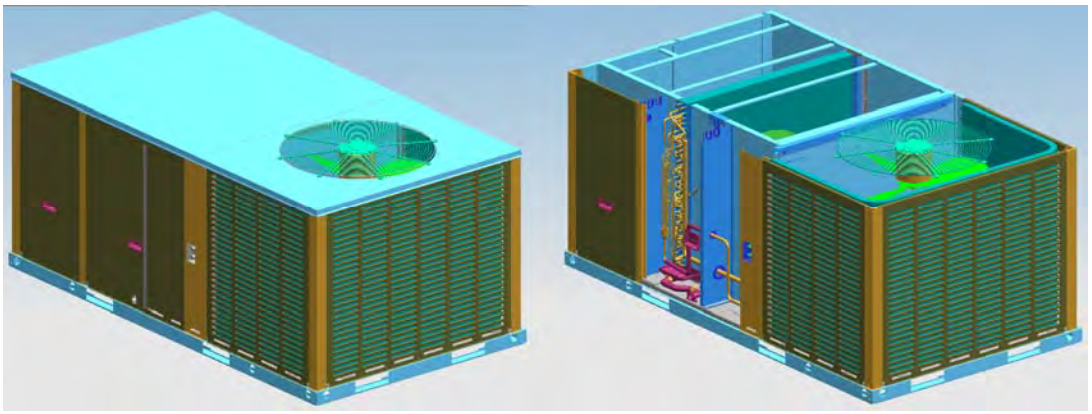
Air Flow（CFM）				7100				8100				9100			
	Ent（DB）		（℉）	75	80	85	90	75	80	85	90	75	80	85	90
Ambient Temperature	85	61	TC	209.7	212.3	222.1	234.9	215.6	220.3	230.0	242.9	218.0	223.7	238.2	249.4
			SC	167.3	199.5	215.2	227.7	176.9	212.3	222.9	235.4	186.7	216.8	230.8	241.7
			PI	223211	223902	229455	229612	226412	226813	229616	230493	224680	229455	230846	231229
		67	TC	235.7	238.7	241.4	244.8	242.9	244.7	246.1	247.8	246.0	247.9	249.4	251.3
			SC	131.9	162.4	191.5	222.1	138.1	168.9	201.1	231.7	140.5	173.8	207.6	241.4
			PI	235169	236562	238395	240449	240860	242060	242781	243670	242893	245613	246502	247224
		73	TC	249.4	254.3	257.5	260.8	252.3	255.9	260.8	263.8	255.6	259.1	262.2	265.5
			SC	89.0	121.5	148.1	173.8	90.8	124.4	151.6	176.7	92.6	125.6	154.3	183.4
			PI	248148	249001	250722	251277	249078	249833	251999	252554	248314	251388	252408	253508
	95	61	TC	196.2	201.1	210.9	225.3	198.8	207.6	220.5	233.3	206.0	210.9	227.0	239.8
			SC	159.2	191.5	204.3	218.4	168.9	199.1	211.4	223.7	178.7	204.3	219.9	232.4
			PI	226895	228289	233842	233999	230000	231200	234003	234880	231121	233842	234733	235616
		67	TC	220.5	223.7	227.0	231.7	230.0	233.6	234.9	236.5	238.2	240.0	241.6	242.9
			SC	125.6	156.1	186.7	217.2	131.1	164.1	196.4	230.0	186.4	224.5	226.5	239.8
			PI	238853	240949	242781	244836	244447	246446	247168	248057	249334	250000	250888	251610
		73	TC	243.0	246.1	249.2	252.6	244.8	247.6	251.5	255.9	247.1	250.4	253.6	255.2
			SC	84.8	116.6	145.2	172.2	86.7	120.8	149.3	178.7	88.5	123.0	153.0	183.4
			PI	251832	253387	255108	255664	252665	254220	256386	256941	254755	255775	256795	257895
	105	61	TC	182.1	187.0	196.7	213.0	188.6	193.5	209.7	219.5	191.9	200.0	217.9	232.5
			SC	151.6	181.2	190.6	206.4	162.6	187.5	203.2	212.7	172.4	193.8	211.1	225.3
			PI	243892	245286	250838	250996	246997	248197	251000	251877	248117	250838	251729	252612
		67	TC	209.7	213.0	217.9	219.5	211.4	216.2	222.7	226.0	222.7	226.0	229.2	232.5
			SC	118.6	149.6	180.3	212.5	137.6	157.7	191.5	202.7	129.1	165.7	201.1	232.5
			PI	248332	250428	252260	254315	253926	255925	256647	257535	258812	259479	260367	261089
		73	TC	239.0	240.6	242.2	243.9	242.2	243.9	245.5	248.7	245.5	247.1	248.7	250.4
			SC	80.2	111.4	141.2	169.1	82.2	115.6	146.2	177.1	83.8	119.5	150.3	181.8
			PI	270811	271866	273587	274142	271144	272698	274864	275419	273233	274253	275273	276373
	115	61	TC	165.9	172.4	188.6	204.9	170.7	180.5	196.7	213.0	175.6	187.0	204.9	221.1
			SC	144.9	167.0	182.8	198.5	154.3	174.9	190.6	206.4	162.6	181.2	198.5	214.3
			PI	254413	255807	261360	261517	257518	258718	261521	262398	259639	261360	262251	263134
		67	TC	179.7	183.0	184.6	187.9	181.4	186.2	189.5	192.7	192.7	196.0	200.9	204.1
			SC	106.6	126.4	157.0	187.9	113.1	135.0	168.4	192.7	136.6	159.4	193.5	195.1
			PI	258853	260949	262781	264836	264447	266446	267168	268057	269334	270000	282000	282722
		73	TC	205.7	209.0	212.2	213.9	212.2	215.5	217.1	218.7	217.1	218.7	220.4	222.0
			SC	58.7	89.7	120.4	150.5	60.5	95.2	126.1	157.0	64.4	98.5	132.6	166.7
			PI	285064	286619	288340	288895	285997	287452	289617	290172	287986	289006	290026	291126
	118.4	61	TC	162.3	168.8	185.0	201.3	167.1	176.9	193.1	209.4	172.0	183.4	201.3	217.5
			SC	141.3	163.4	179.2	194.9	150.7	171.3	187.0	202.8	159.0	177.6	194.9	210.7
			PI	258123	259517	265070	265227	261228	262428	265231	266108	262349	265070	265961	266844
		67	TC	178.8	181.9	183.3	186.4	180.5	185.1	188.2	191.2	191.8	194.9	199.6	202.6
			SC	105.7	125.3	155.7	186.4	112.2	133.9	167.1	191.2	135.7	158.3	181.5	193.6
			PI	262563	264659	266491	268546	268157	270156	270878	271767	273044	273710	285710	286432
		73	TC	202.1	205.4	208.6	210.3	208.6	211.9	213.5	215.1	213.5	215.1	216.8	218.4
			SC	55.1	86.1	116.8	146.9	56.9	91.6	122.5	153.4	60.8	94.9	129.0	163.1
			PI	288728	290282	292004	292559	289560	291115	293281	293836	291650	292570	293690	291126
	125	61	TC	139.1	145.2	160.6	175.9	143.7	152.9	168.2	183.6	148.3	159.0	175.9	191.2
			SC	119.3	140.2	155.0	169.9	128.2	147.6	162.5	177.3	136.0	153.6	169.9	184.8
			PI	263623	265017	270570	270727	266728	267928	270731	271608	267849	270570	271461	272344
		67	TC	168.2	171.3	172.8	186.9	169.8	174.4	177.4	180.5	180.5	183.6	188.2	191.2
			SC	99.2	117.9	146.8	165.9	105.4	126.1	157.5	176.4	111.5	133.0	165.2	186.9
			PI	268063	270159	271991	274046	273657	275656	276378	277267	278544	279210	291210	291932
		73	TC	192.8	195.8	198.9	200.4	198.9	202.0	203.5	205.0	203.5	205.0	206.6	208.1
			SC	54.0	83.3	112.3	140.6	55.7	88.5	117.6	146.8	59.4	91.6	123.8	156.0
			PI	292728	294282	296004	296559	293560	295115	297281	297836	295650	296570	297690	291126

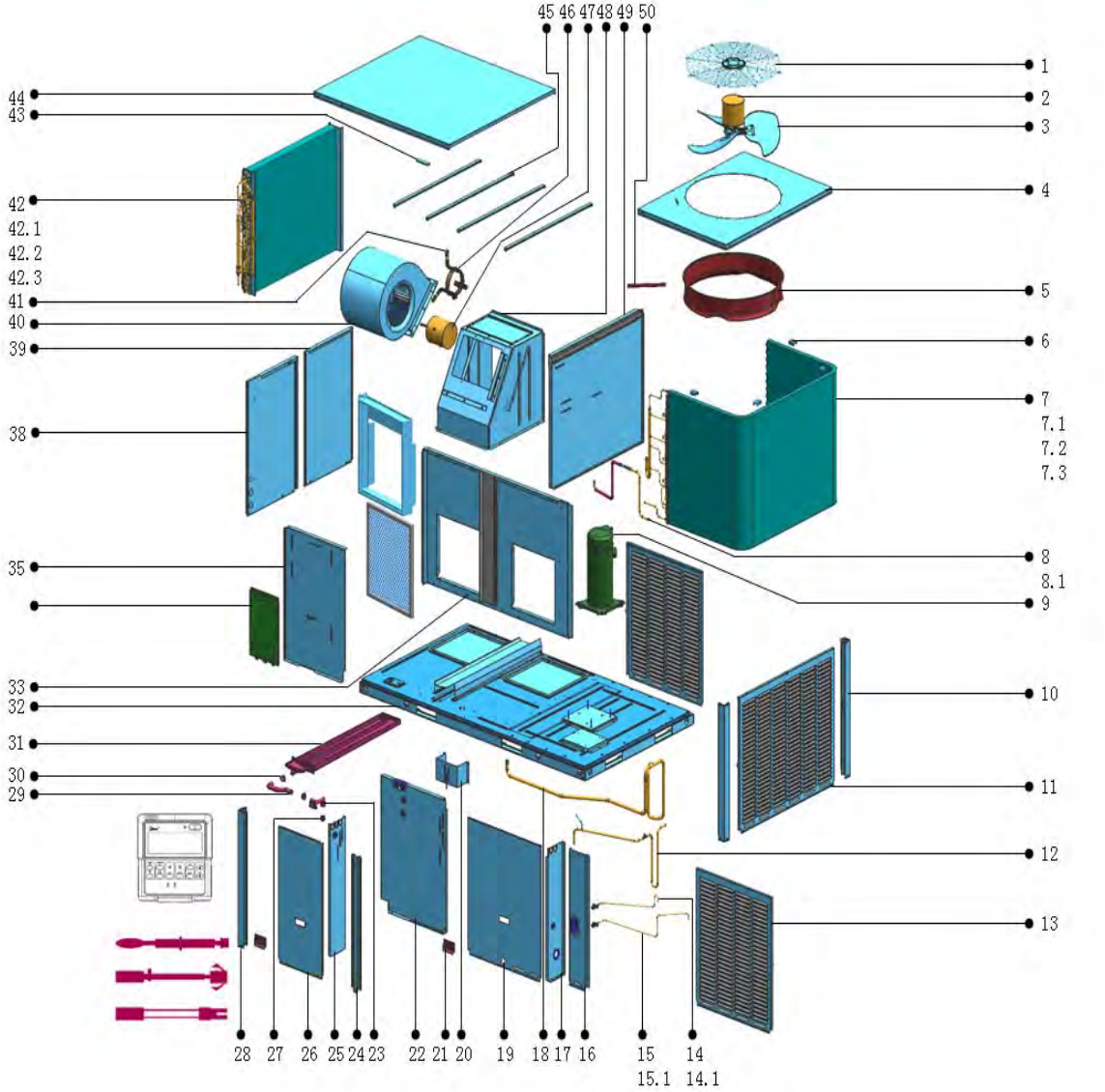
Notes:

1. All capacities are net and have considered indoor fan heat.
2. TC=Total Capacity. (Unit:1000Btu/h).
3. SC=Sensible Capacity. (Unit:1000Btu/h).
4. PI=Power Input. (Unit:W)
5. Different air volume in the above table,need to adjust in the field.

10. Explode View

TMC22T3/1TA00NO1A





No.	Part Name	Qty	No.	Part Name	Qty
1	Top cover veil	1	28	Left pole	1
2	Motor	1	29	Connecting pipe	1
3	Axial fan	1	30	Throat bander	2
4	Top cover ass'y	1	31	Drainage pan ass'y	1
5	Ring	1	32	Base ass'y	1
6	Fixture clip	4	33	Duct panel ass'y	1
7	Condenser ass'y	1	35	Connection board ass'y of evaporator	1
7.1	Condenser	1	36	Fliter	1
7.2	Condenser inlet pipe ass'y	1	37	Installation holder of filter	1
7.3	Condenser output pipe ass'y	1	37.1	Extraction board of filter	1
8	Throttling parts	1	37.2	Screw	1
8.1	One-way throttle valve pipe	1	38	Air return side board ass'yII	1
9	Compressor	1	39	Air return side board ass'y I	1
10	Right pole	2	40	Centrifugal fan	1
11	Side board 1	1	41	Motor bracket I	3
12	Suction pipe ass'y of compressor	1	42	Evaporator ass'y	1
13	Side board 2	2	42.1	Evaporator	1
14	High pressure gauge ports ass'y	1	42.2	Input tube evaporator components	1
14.1	Pipe joint	1	42.3	Output tube evaporator components	1
15	Low pressure gauge ports ass'y	1	43	Clapboard supporting board	1
15.1	Pipe joint	1	44	Cover	1
16	Connect board	1	45	beam	4
17	Waterproof baffle components	1	46	Motor bracket II	1
18	Suction pipe ass'y of compressor	1	47	Motor	1
19	Front cover	1	48	Baffle ass'y	1
20	Baffle ass'y	1	49	board ass'y	1
21	Handle	2	50	Pipe	1
22	Evaporator right linking slab components	1	51	Discharge temp sensor	1
23	Water outlet joint	1	52	Pipe temp. sensor ass'y	1
24	Middle pole	1	53	Indoor temp. sensor ass'y	1
25	Electronic components clapboard	1	54	Wired controller	1
26	Front cover plate	1	55	R410A	5
27	Seal Stopper	1			

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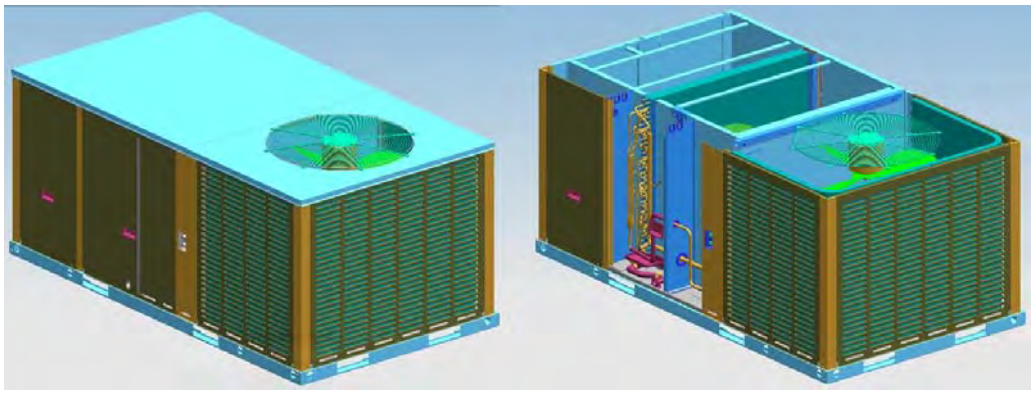

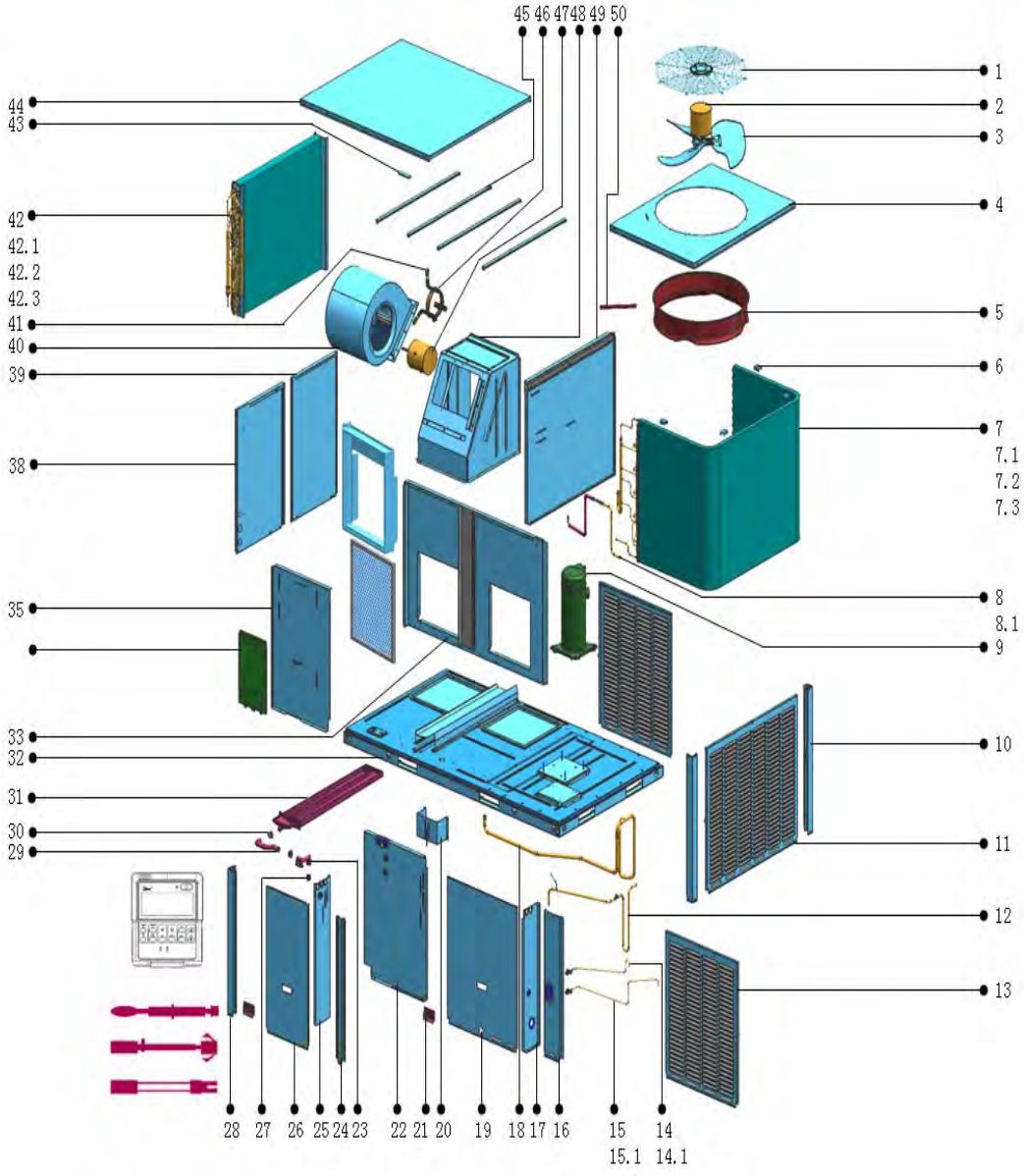

No.	Part Name	Qty	No.	Part Name	Qty
1	Top cover veil	1	28	Left pole	1
2	Motor	1	29	Connecting pipe	1
3	Axial fan	1	30	Throat bander	2
4	Top cover ass'y	1	31	Drainage pan ass'y	1
5	Ring	1	32	Base ass'y	1
6	Fixture clip	4	33	Duct panel ass'y	1
7	Condenser ass'y	1	35	Connection board ass'y of evaporator	1
7.1	Condenser	1	36	Fliter	1
7.2	Condenser inlet pipe ass'y	1	37	Installation holder of filter	1
7.3	Condenser output pipe ass'y	1	37.1	Extraction board of filter	1
8	Throttling parts	1	37.2	Screw	1
8.1	One-way throttle valve pipe	1	38	Air return side board ass'yII	1
9	Compressor	1	39	Air return side board ass'y I	1
10	Right pole	2	40	Centrifugal fan	1
11	Side board 1	1	41	Motor bracket I	3
12	Suction pipe ass'y of compressor	1	42	Evaporator ass'y	1
13	Side board 2	2	42.1	Evaporator	1
14	High pressure gauge ports ass'y	1	42.2	Input tube evaporator components	1
14.1	Pipe joint	1	42.3	Output tube evaporator components	1
15	Low pressure gauge ports ass'y	1	43	Clapboard supporting board	1
15.1	Pipe joint	1	44	Cover	1
16	Connect board	1	45	beam	4
17	Waterproof baffle components	1	46	Motor bracket II	1
18	Suction pipe ass'y of compressor	1	47	Motor	1
19	Front cover	1	48	Baffle ass'y	1
20	Baffle ass'y	1	49	board ass'y	1
21	Handle	2	50	Pipe	1
22	Evaporator right linking slab components	1	51	Discharge temp sensor	1
23	Water outlet joint	1	52	Pipe temp. sensor ass'y	1
24	Middle pole	1	53	Indoor temp. sensor ass'y	1
25	Electronic components clapboard	1	54	Wired controller	1
26	Front cover plate	1	55	EAH E-part ass'y	1
27	Seal Stopper	1	56	R410A	5

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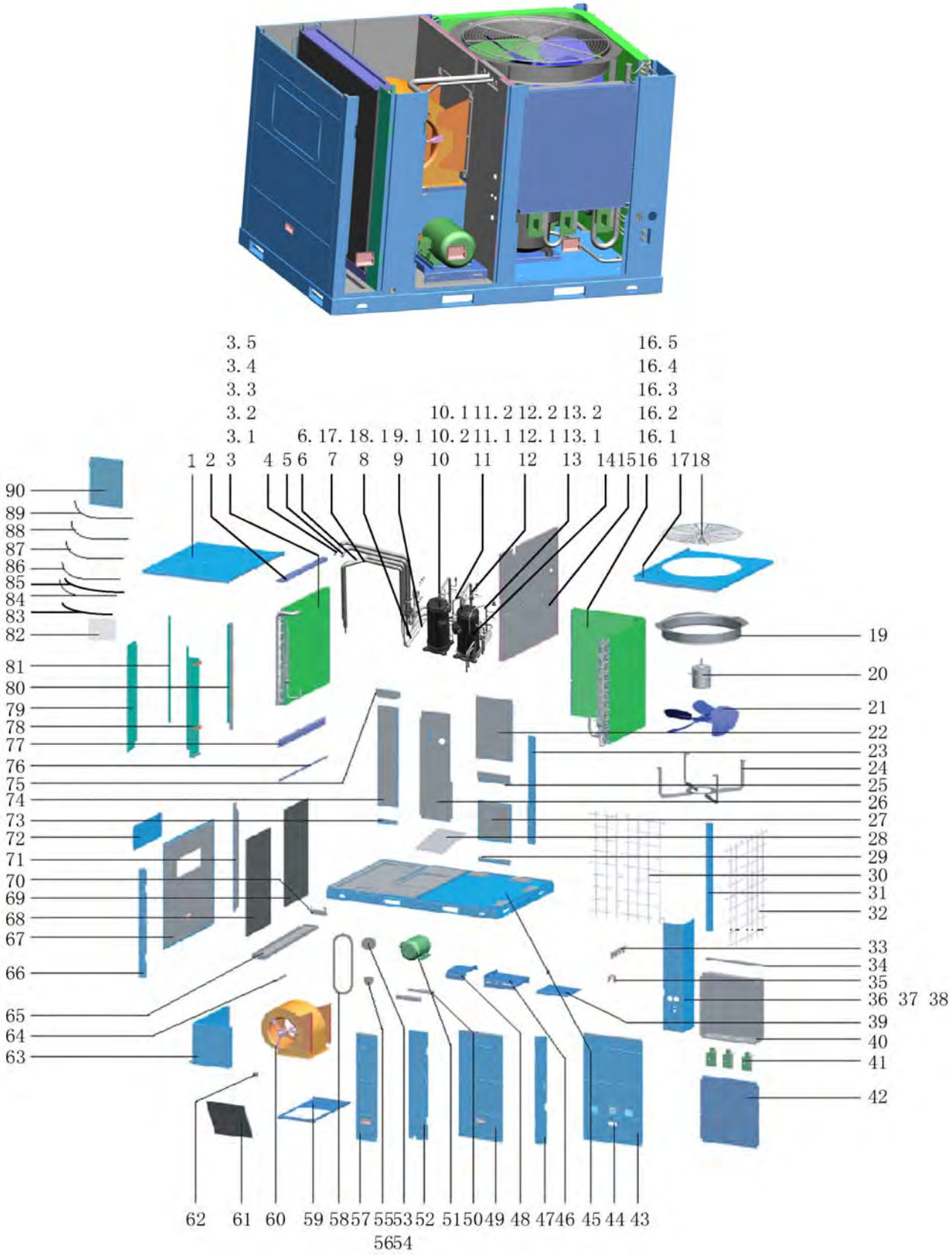

No.	Part Name	Qty	No.	Part Name	Qty
1	Components inside the top cover	1	40	E-part box ass'y	1
2	Components on the seal plate evaporator	1	40.1	Welding together pieces of electronic control box	1
3	Evaporator ass'y	1	40.2	Main board ass'y	1
3.1	Evaporator	1	40.3	Contactor	1
3.2	Evaporator input pipe ass'y A	1	40.4	Contactor	1
3.3	Evaporator input ass'y B	1	40.5	AC contactor	2
3.4	Evaporator output pipe ass'y A	1	40.6	Transformer	1
3.5	Evaporator output pipe ass'y B	1	40.7	24V AC transformer	1
4	Compressor return pipe ass'y II	1	40.8	Wire joint	1
5	Compressor return pipe ass'y II	1	40.9	Wire joint	1
6	Evaporator input connect pipe ass'y II	1	40.10	Surge suppresser	2
6.1	Filter	1	41	Air duct ass'y	3
7	B evaporator input connect pipe ass'y II	1	42	Electronic control box cover plate	1
7.1	Filter	1	43	Lateral panel components	1
8	A evaporator input connect pipe ass'y I	1	44	Handle	4
8.1	Unloading valve	1	45	Chassis Parts	1
9	B evaporator input connect pipe ass'y I	1	46	Ⅰ welding pieces of the motor bracket	1
9.1	Unloading valve	1	47	Right anterior column Ⅱ	1
10	A compressor return pipe ass'y I	1	48	Ⅱ welding pieces of the motor bracket	1
10.1	Pressure controller	1	49	Middle panel components	1
10.2	Form fitting assemblies	1	50	Motor bracket sliding board assembly	2
11	A compressor exhaust pipe ass'y	1	51	Motor	1
11.1	Form fitting assemblies	1	52	Components of the left anterior column Ⅱ	1
11.2	Pressure controller	1	53	Wheel	1
12	B compressor return pipe ass'y I	1	54	Sleeve	1
12.1	Pressure controller	1	55	Wheel	1
12.2	Form fitting assemblies	1	56	Sleeve	1
13	B compressor exhaust pipe ass'y	1	57	Ⅱ components inside the panel	1
13.1	Pressure controller	1	58	Belt	1
13.2	Form fitting assemblies	1	59	Supporting board ass'y	1
14	Compressor	2	60	Fan	1
15	Outer partition board	1	61	Side air deflector	1
16	Condenser ass'y	1	62	Pipe clamp B	4
16.1	Condenser	1	63	Circuit board assembly duct	1

16.2	Condenser input pipe ass'y	1	64	Then water board assembly inside	1
16.3	Condenser output pipe ass'y	1	65	Water tray components	1
16.4	Condenser input pipe ass'y	1	66	I component left column	1
16.5	Condenser output pipe ass'y	1	67	Components inside the panel I	1
17	Outside the top cover plate welding parts	1	68	Air Filter	1
18	Grille	1	69	Air Filter	1
19	Deflector	1	70	Water tray support components	1
20	Motor	1	71	Components of the left rear column I	1
21	Fan blade	1	72	Cover plate ass'y	1
22	Thermoelectric power auxiliary control board assembly lid	1	73	Return air flange Ⅱ	1
23	Right after the column Ⅱ	1	74	Side of the return air cover components	1
24	Motor bracket	1	75	I return air flange components	1
25	I component supply air flange	1	76	Filter fixed support	1
26	Components of the left rear column Ⅱ	1	77	Components under the seal plate evaporator	1
27	Side of the outlet cover assembly	1	78	Ⅳ evaporator components fixed support	1
28	Insulation board	1	79	Ⅲ evaporator components fixed support	1
29	Supply air flange II	1	80	I support the evaporator component of fixed	1
30	Fence Ⅱ	1	81	Evaporator components fixed support Ⅱ	1
31	Right after the column I	1	82	Wire controller	1
32	I fence	1	83	room temp sensor ass'y	1
33	Pipe clamp board ass'y	1	84	Outdoor coil temp sensor ass'y	1
34	Electronic control box support plate	1	85	Pipe temperature sensor assemblies	1
35	Pipe support board ass'y	2	86	Pipe temp. sensor ass'y	2
36	Front-right supporting board	1	87	Compressor wire joint ass'y	2
37	Peccadillo coacervation	2	88	EAH control wire	1
38	Winding	2	89	Wire	1
39	Compressor base	1	90	R410A	5

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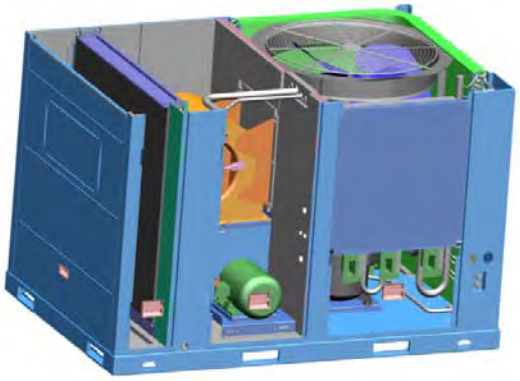
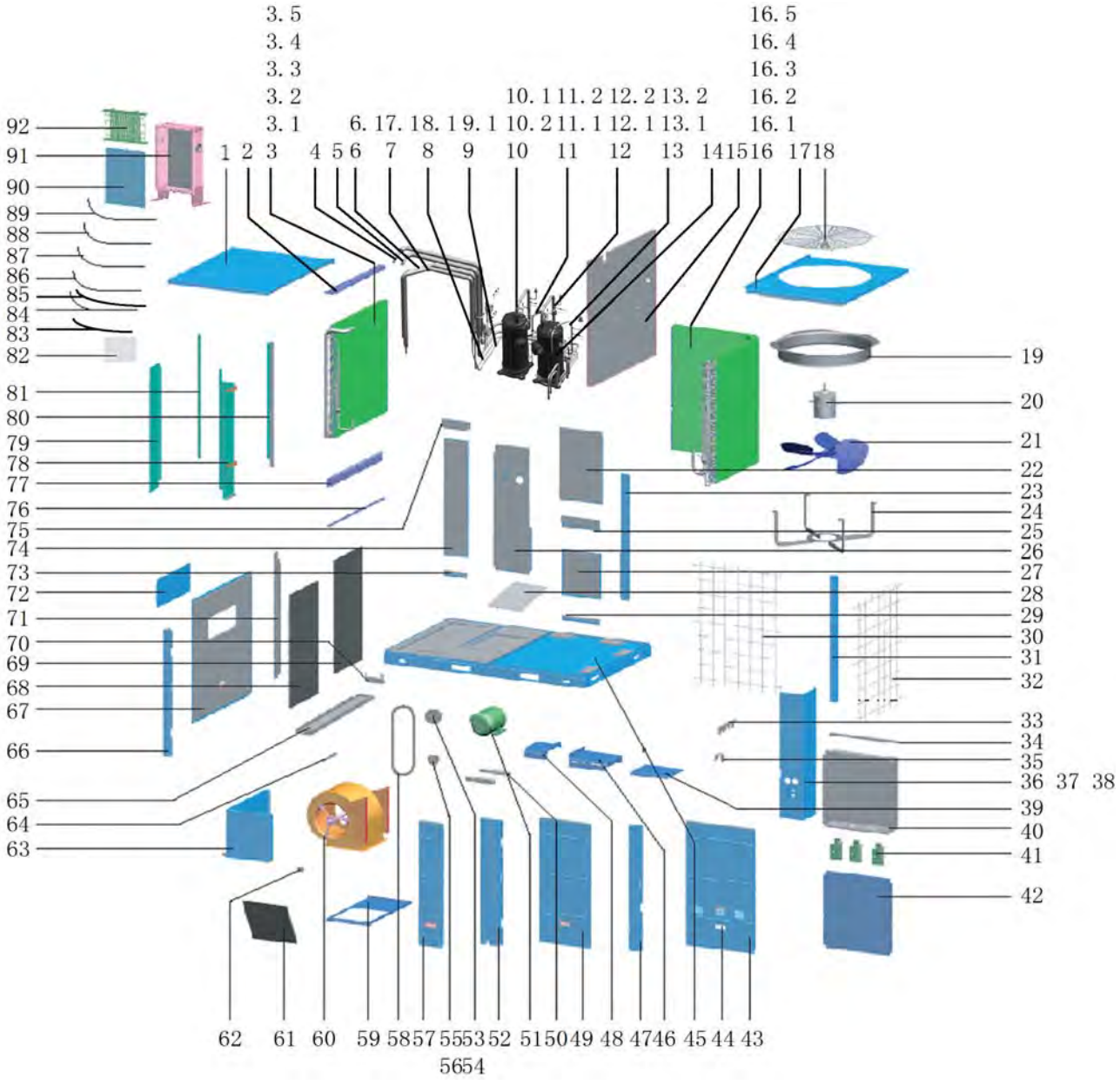
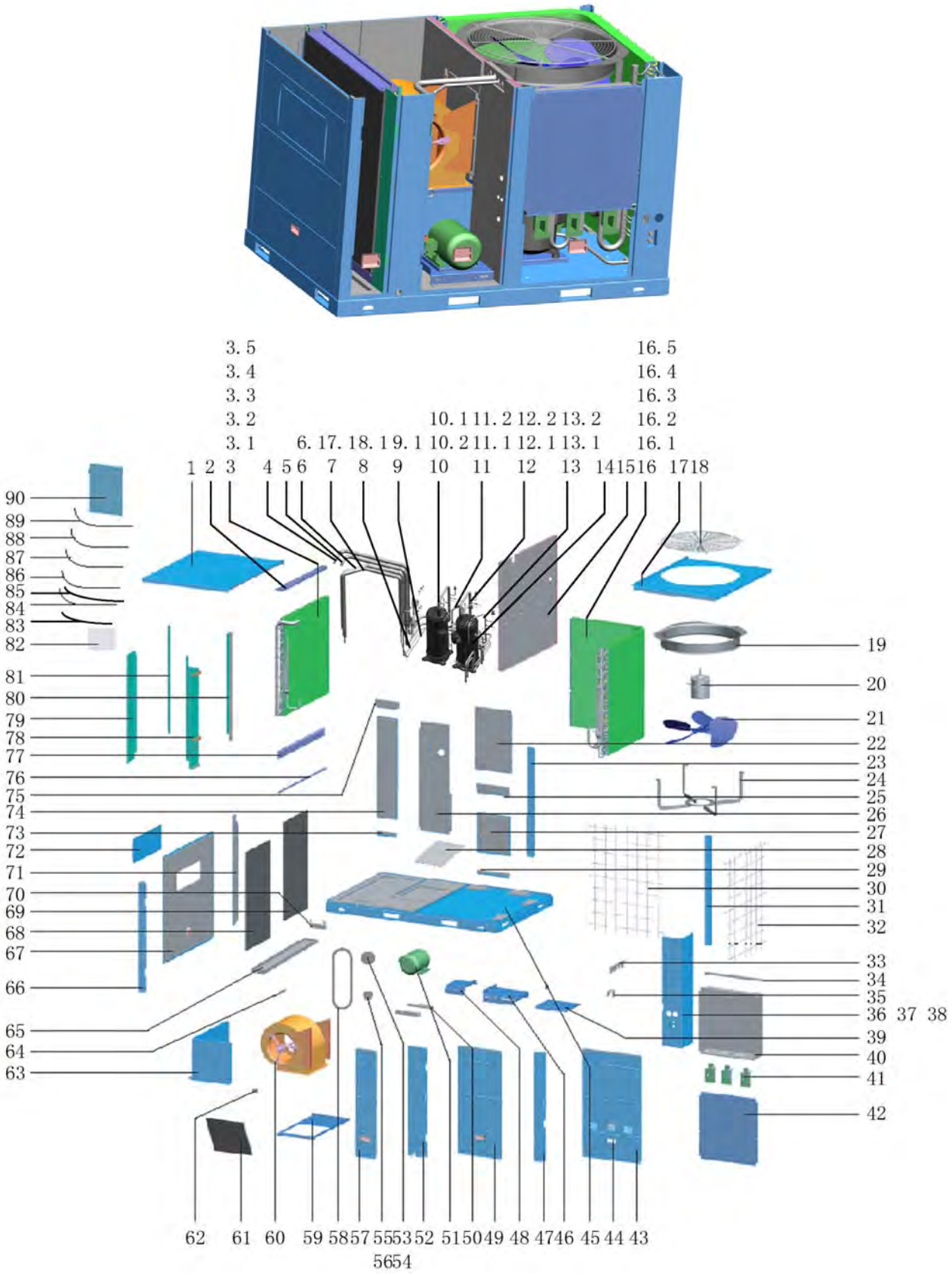




No.	Part Name	Qty	No.	Part Name	Qty
1	Components inside the top cover	1	40.4	Contactor	1
2	Components on the seal plate evaporator	1	40.5	AC contactor	2
3	Evaporator ass'y	1	40.6	Transformer	1
3.1	Evaporator	1	40.7	24V AC transformer	1
3.2	Evaporator input pipe ass'y A	1	40.8	Wire joint	1
3.3	Evaporator input ass'y B	1	40.9	Wire joint	1
3.4	Evaporator output pipe ass'y A	1	40.10	Surge suppresser	2
3.5	Evaporator output pipe ass'y B	1	41	Air duct ass'y	3
4	Compressor return pipe ass'y II	1	42	Electronic control box cover plate	1
5	Compressor return pipe ass'y II	1	43	Lateral panel components	1
6	Evaporator input connect pipe ass'y II	1	44	Handle	4
6.1	Filter	1	45	Chassis Parts	1
7	B evaporator input connect pipe ass'y II	1	46	Ⅰ welding pieces of the motor bracket	1
7.1	Filter	1	47	Right anterior column Ⅱ	1
8	A evaporator input connect pipe ass'y I	1	48	Ⅱ welding pieces of the motor bracket	1
8.1	Unloading valve	1	49	Middle panel components	1
9	B evaporator input connect pipe ass'y I	1	50	Motor bracket sliding board assembly	2
9.1	Unloading valve	1	51	Motor	1
10	A compressor return pipe ass'y I	1	52	Components of the left anterior column Ⅱ	1
10.1	Pressure controller	1	53	Wheel	1
10.2	Form fitting assemblies	1	54	Sleeve	1
11	A compressor exhaust pipe ass'y	1	55	Wheel	1
11.1	Form fitting assemblies	1	56	Sleeve	1
11.2	Pressure controller	1	57	Ⅱ components inside the panel	1
12	B compressor return pipe ass'y I	1	58	Belt	1
12.1	Pressure controller	1	59	Supporting board ass'y	1
12.2	Form fitting assemblies	1	60	Fan	1
13	B compressor exhaust pipe ass'y	1	61	Side air deflector	1
13.1	Pressure controller	1	62	Pipe clamp B	4
13.2	Form fitting assemblies	1	63	Circuit board assembly duct	1
14	Compressor	2	64	Then water board assembly inside	1
15	Outer partition board	1	65	Water tray components	1
16	Condenser ass'y	1	66	I component left column	1
16.1	Condenser	1	67	Components inside the panel I	1
16.2	Condenser input pipe ass'y	1	68	Air Filter	1
16.3	Condenser output pipe ass'y	1	69	Air Filter	1
16.4	Condenser input pipe ass'y	1	70	Water tray support components	1

16.5	Condenser output pipe ass'y	1	71	Components of the left rear column I	1
17	Outside the top cover plate welding parts	1	72	Cover plate ass'y	1
18	Grille	1	73	Return air flange Ⅱ	1
19	Deflector	1	74	Side of the return air cover components	1
20	Motor	1	75	I return air flange components	1
21	Fan blade	1	76	Filter fixed support	1
22	Thermoelectric power auxiliary control board assembly lid	1	77	Components under the seal plate evaporator	1
23	Right after the column Ⅱ	1	78	Ⅳ evaporator components fixed support	1
24	Motor bracket	1	79	Ⅲ evaporator components fixed support	1
25	I component supply air flange	1	80	I support the evaporator component of fixed	1
26	Components of the left rear column Ⅱ	1	81	Evaporator components fixed support Ⅱ	1
27	Side of the outlet cover assembly	1	82	Wire controller	1
28	Insulation board	1	83	room temp sensor ass'y	1
29	Supply air flange II	1	84	Outdoor coil temp sensor ass'y	1
30	Fence Ⅱ	1	85	Pipe temperature sensor assemblies	1
31	Right after the column I	1	86	Pipe temp. sensor ass'y	2
32	I fence	1	87	Compressor wire joint ass'y	2
33	Pipe clamp board ass'y	1	88	EAH control wire	1
34	Electronic control box support plate	1	89	Wire	1
35	Pipe support board ass'y	2	90	E-Part box cover	1
36	Front-right supporting board	1	91	EAH E-part box ass'y	1
37	Peccadillo coacervation	2	91.1	E-part box	1
38	Winding	2	91.2	Contactor	2
39	Compressor base	1	91.3	Wire joint	1
40	E-part box ass'y	1	91.4	Terminal block	1
40.1	Welding together pieces of electronic control box	1	92	Electric heater ass'y	1
40.2	Main board ass'y	1	93	R410A	5
40.3	Contactor	1			

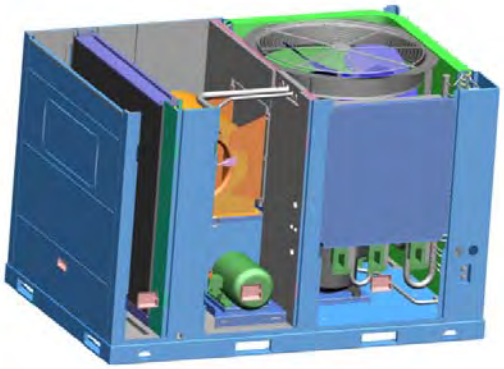
TMC30T3/1TA00NO1A

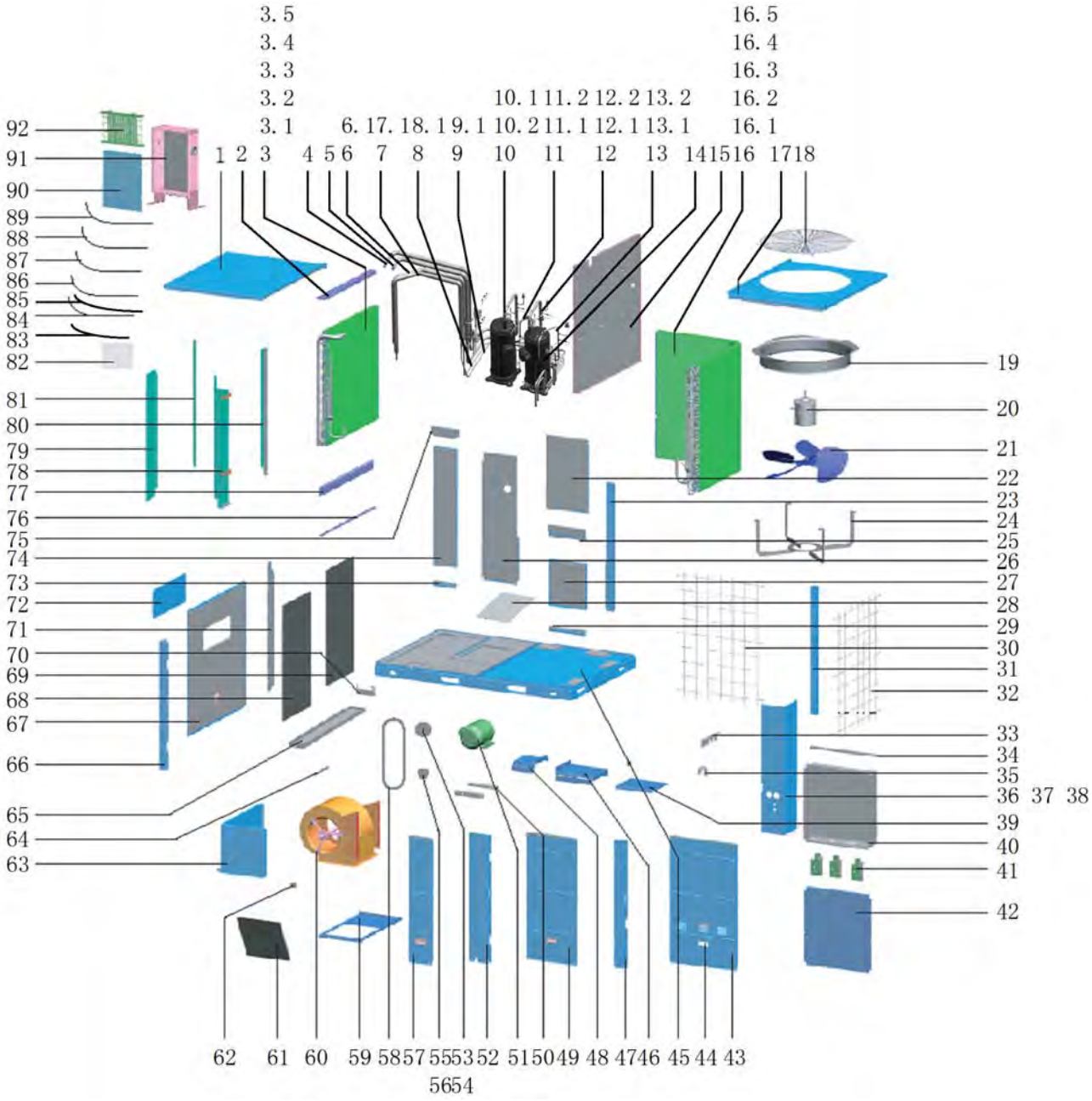


No.	Part Name	Qty	No.	Part Name	Qty
1	Components inside the top cover	1	40	E-part box ass'y	1
2	Components on the seal plate evaporator	1	40.1	Welding together pieces of electronic control box	1
3	Evaporator ass'y	1	40.2	Main board ass'y	1
3.1	Evaporator	1	40.3	Contactor	1
3.2	Evaporator input pipe ass'y A	1	40.4	Contactor	1
3.3	Evaporator input ass'y B	1	40.5	AC contactor	2
3.4	Evaporator output pipe ass'y A	1	40.6	Transformer	1
3.5	Evaporator output pipe ass'y B	1	40.7	24V AC transformer	1
4	Compressor return pipe ass'y II	1	40.8	Wire joint	1
5	Compressor return pipe ass'y II	1	40.9	Wire joint	1
6	Evaporator input connect pipe ass'y II	1	40.10	Surge suppresser	2
6.1	Filter	1	41	Air duct ass'y	3
7	B evaporator input connect pipe ass'y II	1	42	Electronic control box cover plate	1
7.1	Filter	1	43	Lateral panel components	1
8	A evaporator input connect pipe ass'y I	1	44	Handle	4
8.1	Unloading valve	1	45	Chassis Parts	1
9	B evaporator input connect pipe ass'y I	1	46	Ⅰ welding pieces of the motor bracket	1
9.1	Unloading valve	1	47	Right anterior column Ⅱ	1
10	A compressor return pipe ass'y I	1	48	Ⅱ welding pieces of the motor bracket	1
10.1	Pressure controller	1	49	Middle panel components	1
10.2	Form fitting assemblies	1	50	Motor bracket sliding board assembly	2
11	A compressor exhaust pipe ass'y	1	51	Motor	1
11.1	Form fitting assemblies	1	52	Components of the left anterior column Ⅱ	1
11.2	Pressure controller	1	53	Wheel	1
12	B compressor return pipe ass'y I	1	54	Sleeve	1
12.1	Pressure controller	1	55	Wheel	1
12.2	Form fitting assemblies	1	56	Sleeve	1
13	B compressor exhaust pipe ass'y	1	57	Ⅱ components inside the panel	1
13.1	Pressure controller	1	58	Belt	1
13.2	Form fitting assemblies	1	59	Supporting board ass'y	1
14	Compressor	2	60	Fan	1
15	Outer partition board	1	61	Side air deflector	1
16	Condenser ass'y	1	62	Pipe clamp B	4
16.1	Condenser	1	63	Circuit board assembly duct	1

16.2	Condenser input pipe ass'y	1	64	Then water board assembly inside	1
16.3	Condenser output pipe ass'y	1	65	Water tray components	1
16.4	Condenser input pipe ass'y	1	66	I component left column	1
16.5	Condenser output pipe ass'y	1	67	Components inside the panel I	1
17	Outside the top cover plate welding parts	1	68	Air Filter	1
18	Grille	1	69	Air Filter	1
19	Deflector	1	70	Water tray support components	1
20	Motor	1	71	Components of the left rear column I	1
21	Fan blade	1	72	Cover plate ass'y	1
22	Thermoelectric power auxiliary control board assembly lid	1	73	Return air flange Ⅱ	1
23	Right after the column Ⅱ	1	74	Side of the return air cover components	1
24	Motor bracket	1	75	I return air flange components	1
25	I component supply air flange	1	76	Filter fixed support	1
26	Components of the left rear column Ⅱ	1	77	Components under the seal plate evaporator	1
27	Side of the outlet cover assembly	1	78	Ⅳ evaporator components fixed support	1
28	Insulation board	1	79	Ⅲ evaporator components fixed support	1
29	Supply air flange II	1	80	I support the evaporator component of fixed	1
30	Fence Ⅱ	1	81	Evaporator components fixed support Ⅱ	1
31	Right after the column I	1	82	Wire controller	1
32	I fence	1	83	room temp sensor ass'y	1
33	Pipe clamp board ass'y	1	84	Outdoor coil temp sensor ass'y	1
34	Electronic control box support plate	1	85	Pipe temperature sensor assemblies	1
35	Pipe support board ass'y	2	86	Discharge temperature sensor	2
36	Front-right supporting board	1	87	Compressor wire joint ass'y	2
37	Peccadillo coacervation	2	88	EAH control wire	1
38	Winding	2	89	Wire	1
39	Compressor base	1	90	R410A	5

TME30T3/1TA14NO1A





No.	Part Name	Qty	No.	Part Name	Qty
1	Components inside the top cover	1	40.3	Contactor	1
2	Components on the seal plate evaporator	1	40.4	Contactor	1
3	Evaporator ass'y	1	40.5	AC contactor	2
3.1	Evaporator	1	40.6	Transformer	1
3.2	Evaporator input pipe ass'y A	1	40.7	24V AC transformer	1
3.3	Evaporator input ass'y B	1	40.8	Wire joint	1
3.4	Evaporator output pipe ass'y A	1	40.9	Wire joint	1
3.5	Evaporator output pipe ass'y B	1	40.10	Surge suppresser	2
4	Compressor return pipe ass'y II	1	41	Air duct ass'y	3
5	Compressor return pipe ass'y II	1	42	Electronic control box cover plate	1
6	Evaporator input connect pipe ass'y II	1	43	Lateral panel components	1
6.1	Filter	1	44	Handle	4
7	B evaporator input connect pipe ass'y II	1	45	Chassis Parts	1
7.1	Filter	1	46	Ⅰ welding pieces of the motor bracket	1
8	A evaporator input connect pipe ass'y I	1	47	Right anterior column Ⅱ	1
8.1	Unloading valve	1	48	Ⅱ welding pieces of the motor bracket	1
9	B evaporator input connect pipe ass'y I	1	49	Middle panel components	1
9.1	Unloading valve	1	50	Motor bracket sliding board assembly	2
10	A compressor return pipe ass'y I	1	51	Motor	1
10.1	Pressure controller	1	52	Components of the left anterior column Ⅱ	1
10.2	Form fitting assemblies	1	53	Wheel	1
11	A compressor exhaust pipe ass'y	1	54	Sleeve	1
11.1	Form fitting assemblies	1	55	Wheel	1
11.2	Pressure controller	1	56	Sleeve	1
12	B compressor return pipe ass'y I	1	57	Ⅱ components inside the panel	1
12.1	Pressure controller	1	58	Belt	1
12.2	Form fitting assemblies	1	59	Supporting board ass'y	1
13	B compressor exhaust pipe ass'y	1	60	Fan	1
13.1	Pressure controller	1	61	Side air deflector	1
13.2	Form fitting assemblies	1	62	Pipe clamp B	4
14	Compressor	2	63	Circuit board assembly duct	1
15	Outer partition board	1	64	Then water board assembly inside	1
16	Condenser ass'y	1	65	Water tray components	1
16.1	Condenser	1	66	I component left column	1
16.2	Condenser input pipe ass'y	1	67	Components inside the panel I	1

16.3	Condenser output pipe ass'y	1	68	Air Filter	1
16.4	Condenser input pipe ass'y	1	69	Air Filter	1
16.5	Condenser output pipe ass'y	1	70	Water tray support components	1
17	Outside the top cover plate welding parts	1	71	Components of the left rear column I	1
18	Grille	1	72	Cover plate ass'y	1
19	Deflector	1	73	Return air flange Ⅱ	1
20	Motor	1	74	Side of the return air cover components	1
21	Fan blade	1	75	I return air flange components	1
22	Thermoelectric power auxiliary control board assembly lid	1	76	Filter fixed support	1
23	Right after the column Ⅱ	1	77	Components under the seal plate evaporator	1
24	Motor bracket	1	78	Ⅳ evaporator components fixed support	1
25	I component supply air flange	1	79	Ⅲ evaporator components fixed support	1
26	Components of the left rear column Ⅱ	1	80	I support the evaporator component of fixed	1
27	Side of the outlet cover assembly	1	81	Evaporator components fixed support Ⅱ	1
28	Insulation board	1	82	Wire controller	1
29	Supply air flange II	1	83	room temp sensor ass'y	1
30	Fence Ⅱ	1	84	Outdoor coil temp sensor ass'y	1
31	Right after the column I	1	85	Pipe temperature sensor assemblies	1
32	I fence	1	87	Compressor wire joint ass'y	2
33	Pipe clamp board ass'y	1	88	EAH control wire	1
34	Electronic control box support plate	1	89	Wire	1
35	Pipe support board ass'y	2	90	E-Part box cover	1
36	Front-right supporting board	1	91	EAH E-part box ass'y	1
37	Peccadillo coacervation	2	91.1	E-part box	1
38	Winding	2	91.2	Contactor	2
39	Compressor base	1	91.3	Wire joint	1
40	E-part box ass'y	1	91.4	Terminal block	1
40.1	Welding together pieces of electronic control box	1	92	Electric heater ass'y	1
40.2	Main board ass'y	1	93	R410A	5

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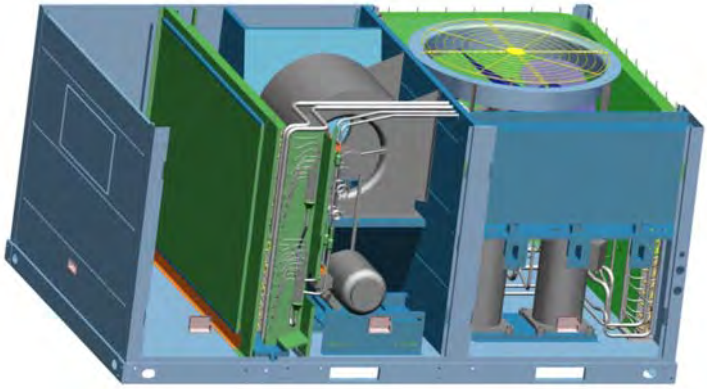

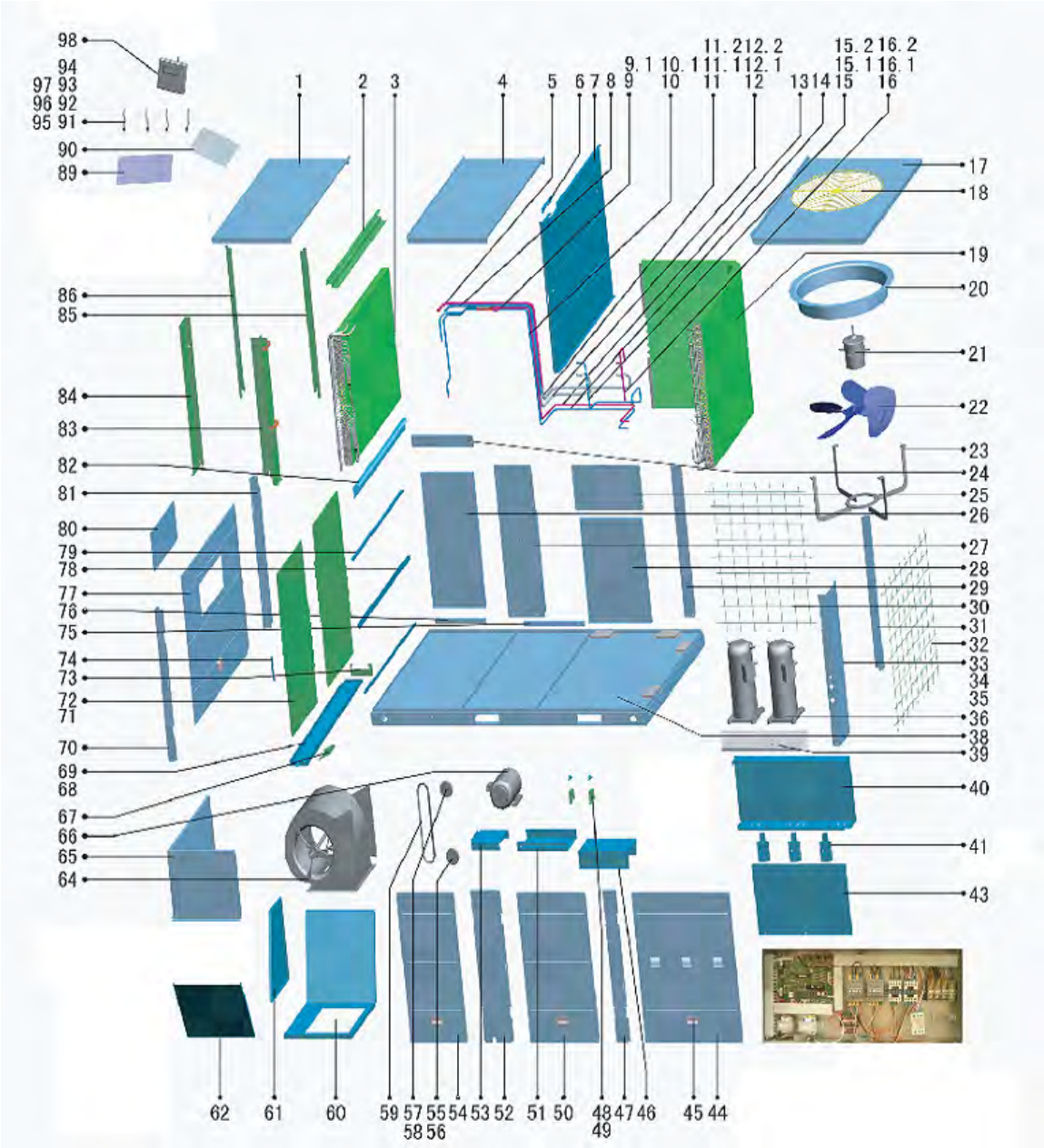

No.	Part Name	Qty	No.	Part Name	Qty
1	Top Cover plate ass'y	1	45	Handle	4
2	Evaporator seal board ass'y	1	46	Motor bracket boarding	1
3	Evaporator parts	1	47	Front right upright pole boarding	1
4	Top cover ass'y	1	48	Pipe supporting board I	2
5	B evaporator output connect pipe ass'y	1	49	Pipe clamp B	4
6	Pipe clamp board ass'y	1	50	Panel ass'y	1
7	Partition board ass'y	1	51	Motor holder	1
8	A evaporator output connect pipe ass'y	1	52	Rear left upright pole ass'y	1
9	A evaporator input connect pipe ass'y	1	53	Motor bracket ass'y	2
10	B evaporator input connect pipe ass'y	1	54	Panel ass'y	1
11	B compressor return pipe ass'y	1	55	Wheel	1
12	A compressor return pipe ass'y	1	56	Sleeve	1
13	A condenser output connect pipe ass'y	1	57	Wheel	1
14	B condenser output connect pipe ass'y	1	58	Sleeve	1
15	A compressor exhaust pipe ass'y	1	59	Belt	1
16	B compressor exhaust pipe ass'y	1	60	Supporting board	1
17	Outside the top cover plate welding parts	1	61	Partition board ass'y	1
18	Grille	1	62	Guider board	1
19	Condenser ass'y	1	64	Fan	1
20	Deflector	1	65	Partition board ass'y	1
21	Motor	1	66	Motor	1
22	Fan	1	67	Drainage board ass'y	1
23	Motor bracket	1	68	Water outlet syphon	1
24	Return air flange I ass'y	1	69	Drainage pan ass'y	1
25	Supply air flange I ass'y	1	70	Rear left upright pole ass'y	1
26	Return air cover plate ass'y	1	71	Air filter	1
27	Rear left upright pole ass'y	1	72	Air filter	1
28	Supply air cover plate ass'y	1	73	Supporting ass'y	1
29	Rear-right supporting board II	1	74	Screw	1
30	Protection Net	1	75	Supply air flange	1
31	Rear-right supporter	1	76	Return air flange	1
32	Protection Net	1	77	Panel ass'y	1
33	Welding part I of right front column	1	78	Fixed supporting	1
34	Peccadillo coacervation	2	79	Fixed supporting	1
35	Winding	2	80	Cover plate ass'y	1
36	Compressor	2	81	Rear left upright pole ass'y	1
38	Base ass'y	1	82	Evaporator sealing plate ass'y	1

39	Base ass'y	1	83	Evaporator fixed support Ⅳ ass'y	1
40	E-part box ass'y	1	84	Evaporator fixed support III ass'y	1
40.1	E-Part box	1	85	Evaporator fixed support ass'y	1
40.2	Main board ass'y	1	86	Evaporator fixed support II ass'y	1
40.3	Contactor	1	89	E-Part box cover	1
40.4	Contactor	1	90	Insulation board	1
40.5	AC contactor	2	91	EAH control wire	1
40.6	Transformer	1	92	Pipe temp. sensor ass'y	2
40.7	24V AC transformer	1	93	Outdoor coil temp sensor ass'y	1
40.8	Wire joint	1	94	room temp sensor ass'y	1
40.9	Wire joint	1	95	Discharge temperature sensor	2
40.10	Surge suppresser	2	96	Compressor wire joint ass'y	2
41	Air duct ass'y	3	97	Pipe temperature sensor assemblies	1
43	E-Part box cover	1	98	Wire controller	1
44	Panel ass'y	1			

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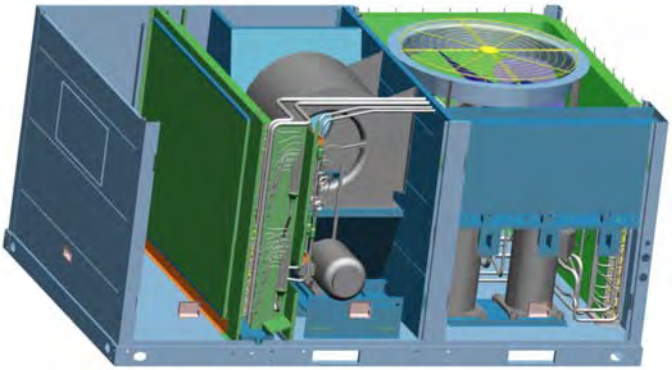

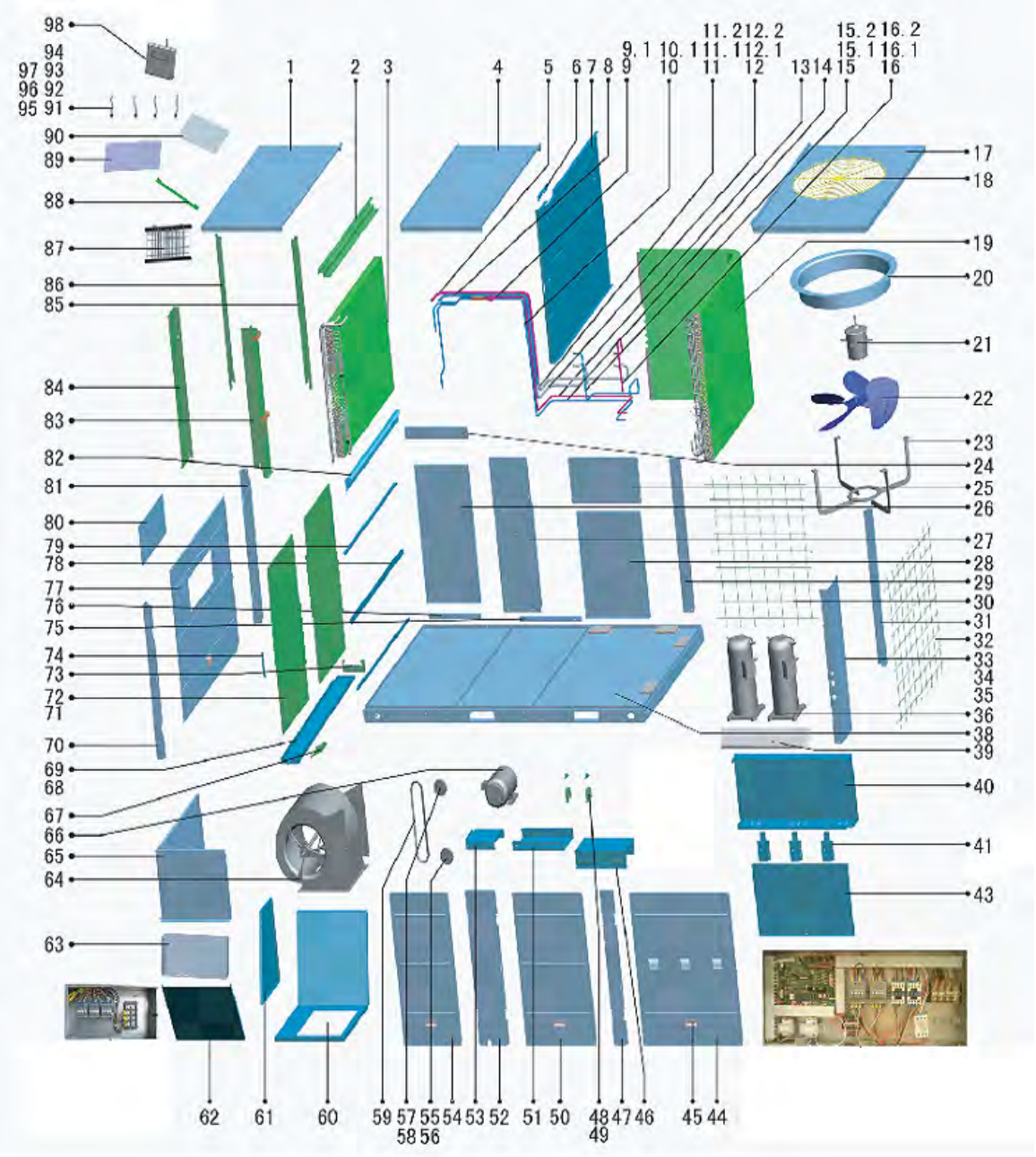

No.	Part Name	Qty	No.	Part Name	Qty
1	Top Cover plate ass'y	1	53	Motor bracket ass'y	2
2	Evaporator seal board ass'y	1	54	Panel ass'y	1
3	Evaporator parts	1	55	Wheel	1
4	Top cover ass'y	1	56	Sleeve	1
5	B evaporator output connect pipe ass'y	1	58	Sleeve	1
6	Pipe clamp board ass'y	1	59	Belt	1
7	Partition board ass'y	1	60	Supporting board	1
8	A evaporator output connect pipe ass'y	1	61	Partition board ass'y	1
13	A condenser output connect pipe ass'y	1	62	Guider board	1
14	B condenser output connect pipe ass'y	1	63	EAH E-part box ass'y	1
19	Condenser ass'y	1	63.1	E-Part box	1
24	Return air flange I ass'y	1	63.2	Contactor	3
25	Supply air flange I ass'y	1	63.3	Wire joint	1
26	Return air cover plate ass'y	1	63.4	Terminal block	1
27	Rear left upright pole ass'y	1	64	Fan	1
28	Supply air cover plate ass'y	1	65	Partition board ass'y	1
29	Rear-right supporting board II	1	67	Drainage board ass'y	1
30	Protection Net	1	68	Water outlet syphon	1
31	Rear-right supporter	1	69	Drainage pan ass'y	1
32	Protection Net	1	70	Rear left upright pole ass'y	1
33	Welding part I of right front column	1	71	Air filter	1
34	Peccadillo coacervation	2	72	Air filter	1
35	Winding	2	73	Supporting ass'y	1
38	Base ass'y	1	74	Screw	1
39	Base ass'y	1	75	Supply air flange	1
40	E-part box ass'y	1	76	Return air flange	1
40.1	E-Part box	1	77	Panel ass'y	1
40.2	Main board ass'y	1	78	Fixed supporting	1
40.3	Contactor	1	79	Fixed supporting	1
40.4	Contactor	1	80	Cover plate ass'y	1
40.5	AC contactor	2	81	Rear left upright pole ass'y	1
40.6	Transformer	1	82	Evaporator sealing plate ass'y	1
40.7	24V AC transformer	1	83	Evaporator fixed support Ⅳ ass'y	1
40.8	Wire joint	1	84	Evaporator fixed support III ass'y	1
40.9	Wire joint	1	85	Evaporator fixed support ass'y	1
40.10	Surge suppresser	2	86	Evaporator fixed support II ass'y	1
41	Air duct ass'y	3	87	Compressor wire joint ass'y	2

43	E-Part box cover	1	88	EAH control wire	1
44	Panel ass'y	1	89	Wire	1
45	Handle	4	90	Insulation board	1
46	Motor bracket boarding	1	91	E-Part box cover	1
47	Front right upright pole boarding	1	92	Pipe temp. sensor ass'y	2
48	Pipe supporting board I	2	93	Outdoor coil temp sensor ass'y	1
49	Pipe clamp B	4	94	room temp sensor ass'y	1
50	Panel ass'y	1	97	Pipe temperature sensor assemblies	1
51	Motor holder	1	98	Wire controller	1
52	Rear left upright pole ass'y	1			

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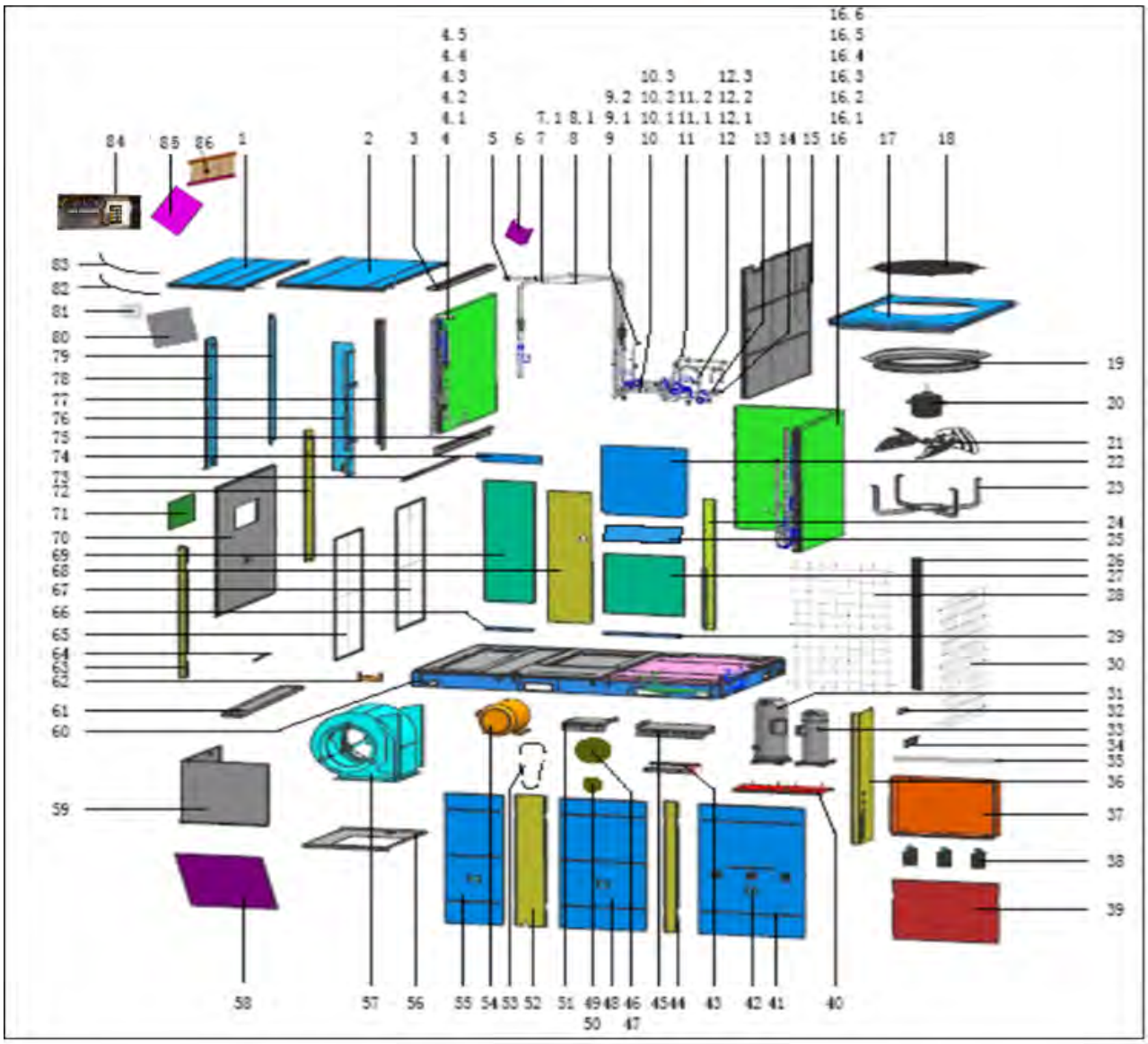

No.	Part Name	Qty	No.	Part Name	Qty
1	Inside top cover board ass'y	1	36	Front-right supporting board I	1
2	Middle top cover ass'y	1	37	E-part box ass'y	1
3	Evaporator top seal plate ass'y	1	37.1	E-part box	1
4	Evaporator ass'y	1	37.2	Main board ass'y	1
4.1	Evaporator	1	37.3	Outdoor current detection board ass'y	1
4.2	A evaporator input pipe ass'y	1	37.4	Contactor	1
4.3	B evaporator input pipe ass'y	1	37.5	Contactor	1
4.4	A evaporator output pipe ass'y	1	37.6	AC contactor	3
4.5	B evaporator output pipe ass'y	1	37.7	Transformer	2
5	A low-pressure pipe component II	1	37.8	Wire joint	1
6	Condenser fixed board	2	37.9	Surge suppresser	3
7	A evaporator input connect pipe ass'y	1	38	Wire	1
7.1	Strainer	1	39	Electronic control box cover plate	1
8	B evaporator input connect pipe ass'y	1	40	Compressor base	1
8.1	Strainer	1	41	Panel	1
9	A compressor exhaust pipe ass'y	1	42	Handle	4
9.1	Form fitting assemblies	1	43	Motor bracket ass'y	2
9.2	Pressure switch	1	44	Front right upright pole ass'y II	1
10	A return pipe ass'y	1	45	Motor bracket I ass'y	1
10.1	Form fitting assemblies	1	46	Belt pulley	1
10.2	Pressure controller	1	47	Sleeve	1
11	B compressor discharge pipe ass'y	1	48	Panel ass'y	1
11.1	Form fitting assemblies	1	49	Pulley	1
11.2	Pressure switch	1	50	sleeve	1
12	B compressor return pipe ass'y	1	51	Motor bracket	1
12.1	Form fitting assemblies	1	52	Rear left upright pole ass'y	1
12.2	Pressure controller	1	53	Belt	2
13	A condenser output pipe ass'y	1	54	Motor	1
14	B condenser output pipe ass'y	1	55	Panel ass'y	1
15	Outer partition board ass'y 2	1	56	Motor support board ass'y	1
16	Comdenser ass'y	1	57	Fan	1
16.1	Condenser	1	58	Air outlet deflector	1
16.2	Condenser 1	1	59	Air duct board ass'y	1
16.3	A condenser input pipe ass'y	1	60	Base ass'y	1
16.5	B condenser input pipe ass'y	1	61	Drainage pan ass'y	1
16.6	A condenser output pipe ass'y	1	62	Supporting ass'y	1
16.7	B condenser output pipe ass'y	1	63	Rear left upright pole ass'y	1

17	Outside top cover board ass'y	1	64	Then water board assembly inside	1
18	Grille	1	65	Air filter	1
19	Deflector	1	66	Components of the return air side of the flange II	1
20	Motor	1	67	Air filter	1
21	Fan	1	68	Rear left upright pole ass'y	1
22	Air outlet clapboard ass'y	1	69	Side of the return air cover components	1
23	Motor bracket	1	70	Inside panel ass'y I	1
24	Rear-right supporting board II	1	71	Cover plate ass'y	1
25	Air outlet flange ass'yII	1	72	Rear left upright pole ass'y	1
26	Right rear supporting I	1	73	Filter fixed supporting	1
27	Side of the outlet cover assembly	1	74	I return air side of flange components	1
28	Net II	1	75	Evaporator under seal plate ass'y	1
29	Side air flange kit	1	76	Evaporator fixed supporting board ass'y IV	1
30	Net II	1	77	Evaporator fixed supporting board ass'y I	1
31	Compressor	2	78	Evaporator fixed supporting board ass'y III	1
32	Pipe supporting board	2	79	Evaporator fixed supporting board ass'y II	1
33	Compressor	1	80	Fire prevention board	1
34	Pipe clamp board ass'y	1	81	Wire controller	1
35	E-box support board	1	82	Compressor wire joint ass'y	3

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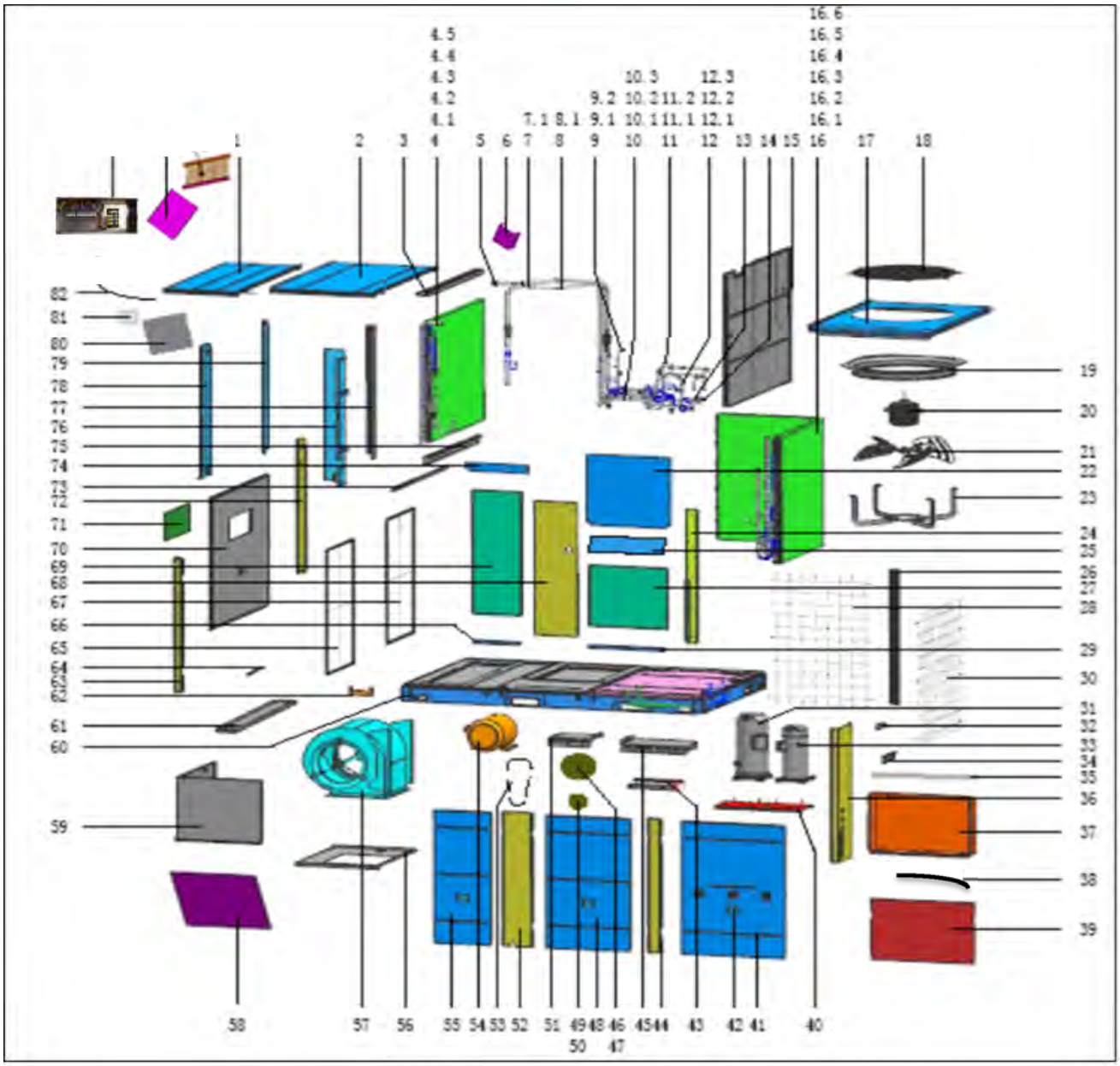

No.	Part Name	Qty	No.	Part Name	Qty
1	Inside top cover board ass'y	1	37.3	Outdoor current detection board ass'y	1
2	Middle top cover ass'y	1	37.4	Contactor	1
3	Evaporator top seal plate ass'y	1	37.5	Contactor	1
4	Evaporator ass'y	1	37.6	AC contactor	3
4.1	Evaporator	1	37.7	Transformer	2
4.2	A evaporator input pipe ass'y	1	37.8	Wire joint	1
4.3	B evaporator input pipe ass'y	1	37.9	Surge suppresser	3
4.4	A evaporator output pipe ass'y	1	38	Wire	1
4.5	B evaporator output pipe ass'y	1	39	Electronic control box cover plate	1
5	A low-pressure pipe component II	1	40	Compressor base	1
6	Condenser fixed board	2	41	Panel	1
7	A evaporator input connect pipe ass'y	1	42	Handle	4
7.1	Strainer	1	43	Motor bracket ass'y	2
8	B evaporator input connect pipe ass'y	1	44	Front right upright pole ass'y II	1
8.1	Strainer	1	45	Motor bracket I ass'y	1
9	A compressor exhaust pipe ass'y	1	46	Belt pulley	1
9.1	Form fitting assemblies	1	47	Sleeve	1
9.2	Pressure switch	1	48	Panel ass'y	1
10	A return pipe ass'y	1	49	Pulley	1
10.1	Form fitting assemblies	1	50	sleeve	1
10.2	Pressure controller	1	51	Motor bracket	1
11	B compressor discharge pipe ass'y	1	52	Rear left upright pole ass'y	1
11.1	Form fitting assemblies	1	53	Belt	2
11.2	Pressure switch	1	54	Motor	1
12	B compressor return pipe ass'y	1	55	Panel ass'y	1
12.1	Form fitting assemblies	1	56	Motor support board ass'y	1
12.2	Pressure controller	1	57	Fan	1
13	A condenser output pipe ass'y	1	58	Air outlet deflector	1
14	B condenser output pipe ass'y	1	59	Air duct board ass'y	1
15	Outer partition board ass'y 2	1	60	Base ass'y	1
16	Comdenser ass'y	1	61	Drainage pan ass'y	1
16.1	Condenser	1	62	Supporting ass'y	1
16.2	Condenser 1	1	63	Rear left upright pole ass'y	1
16.3	A condenser input pipe ass'y	1	64	Then water board assembly inside	1
16.5	B condenser input pipe ass'y	1	65	Air filter	1
16.6	A condenser output pipe ass'y	1	66	Components of the return air side of the flange II	1
16.7	B condenser output pipe ass'y	1	67	Air filter	1

17	Outside top cover board ass'y	1	68	Rear left upright pole ass'y	1
18	Grille	1	69	Side of the return air cover components	1
19	Deflector	1	70	Inside panel ass'y I	1
20	Motor	1	71	Cover plate ass'y	1
21	Fan	1	72	Rear left upright pole ass'y	1
22	Air outlet clapboard ass'y	1	73	Filter fixed supporting	1
23	Motor bracket	1	74	I return air side of flange components	1
24	Rear-right supporting board II	1	75	Evaporator under seal plate ass'y	1
25	Air outlet flange ass'yII	1	76	Evaporator fixed supporting board ass'y IV	1
26	Right rear supporting I	1	77	Evaporator fixed supporting board ass'y I	1
27	Side of the outlet cover assembly	1	78	Evaporator fixed supporting board ass'y III	1
28	Net II	1	79	Evaporator fixed supporting board ass'y II	1
29	Side air flange kit	1	80	Fire prevention board	1
30	Net II	1	81	Wire controller	1
31	Compressor	2	82	Compressor wire joint ass'y	3
32	Pipe supporting board	2	83	EAH E-part box ass'y	1
33	Compressor	1	83.1	E-part box	1
34	Pipe clamp board ass'y	1	83.2	AC contactor	3
35	E-box support board	1	83.3	Wire joint	1
36	Front-right supporting board I	1	83.4	Terminal block	1
37	E-part box ass'y	1	84	E-Part box cover	1
37.1	E-part box	1	85	Electric heater ass'y	1
37.2	Main board ass'y	1			

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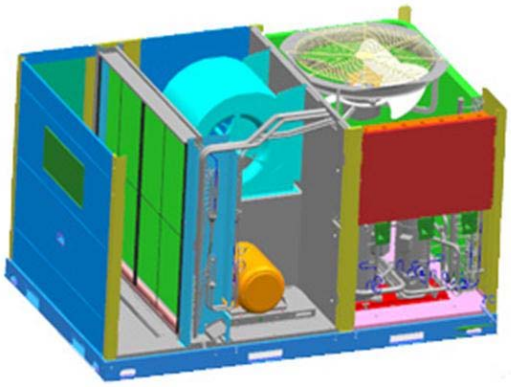

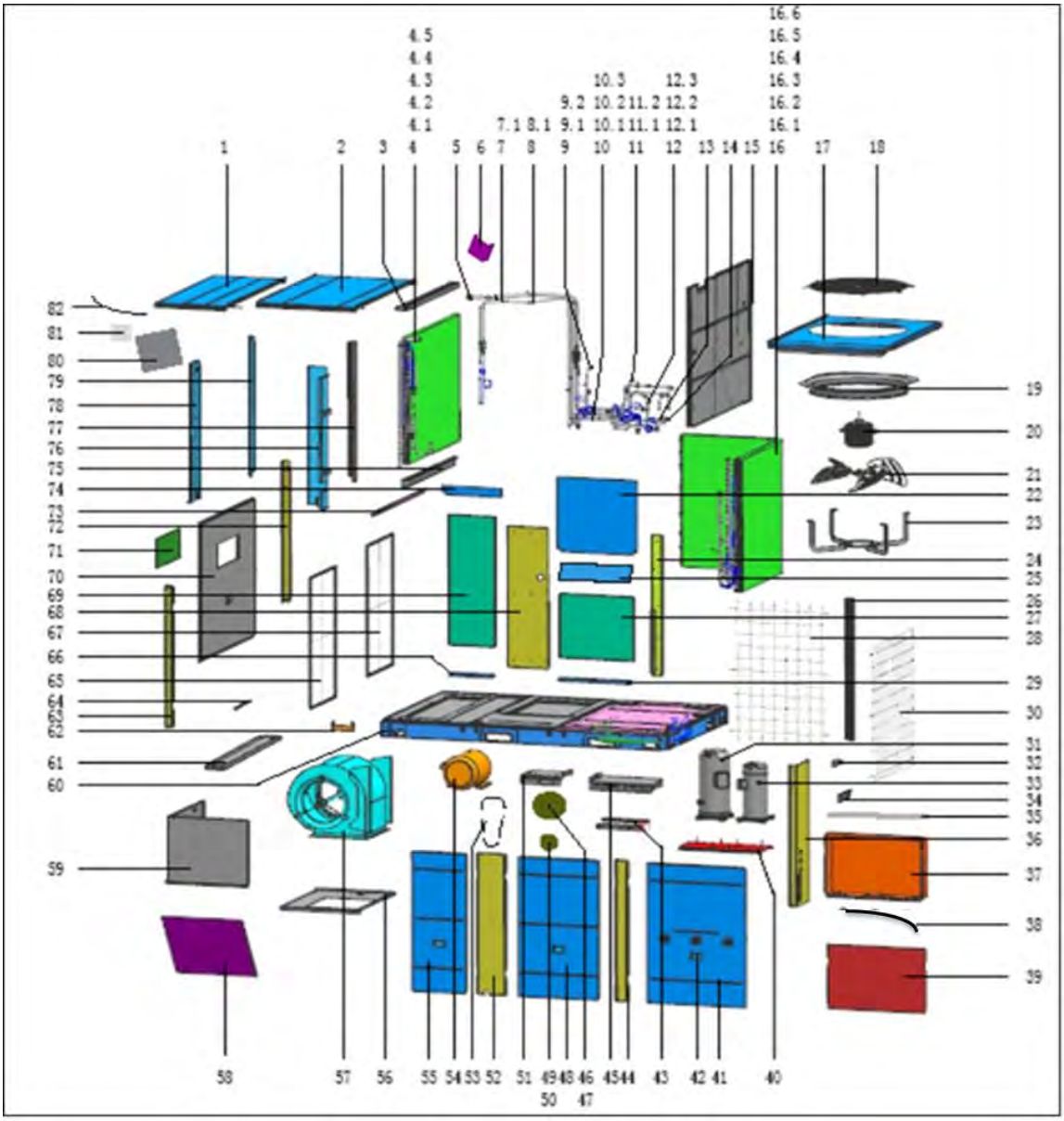

No.	Part Name	Qty	No.	Part Name	Qty
1	Inside top cover board ass'y	1	35	E-box support board	1
2	Middle top cover ass'y	1	36	Welding pieces of the right anterior column I	1
3	Evaporator above clapboard ass'y	1	37	Electrical control box parts	1
4	Evaporator ass'y	1	37.1	E-part box	1
4.1	Evaporator	1	37.2	Outside current check board ass'y	1
4.2	A distributor ass'y	1	37.3	Main board ass'y	1
4.3	B distributor ass'y	1	37.4	Contactor	1
4.4	A evaporator output pipe ass'y	1	37.5	Contactor	1
4.5	B evaporator output pipe ass'y	1	37.6	AC contactor	3
5	A low-pressure pipe component II	1	37.7	Transformer	2
6	Condenser fixing plate	2	37.8	Wire joint	1
7	A evaporator input pipe ass'y	1	37.9	Surge suppresser	3
7.1	Strainer	1	38	Wire	1
8	B evaporator input pipe ass'y	1	39	Electronic control box cover plate	1
8.1	Strainer	1	40	Compressor base	1
9	A compressor exhaust pipe ass'y	1	41	Panel	1
9.1	Pressure switch	1	42	Handle	4
9.2	Form fitting assemblies	1	43	Motor bracket ass'y	2
9.3	One way valve	2	44	Front right upright pole ass'y II	1
10	A return pipe ass'y	1	45	Motor bracket I ass'y	1
10.1	Pressure controller	1	46	Pulley	1
10.2	Form fitting assemblies	1	48	Panel ass'y	1
11	B compressor discharge pipe ass'y	1	49	Pulley	1
11.1	Form fitting assemblies	1	50	Sleeve	1
11.2	Pressure switch	1	51	Motor bracket	1
12	B compressor return pipe ass'y	1	52	Rear left upright pole ass'y	1
12.1	Form fitting assemblies	1	53	Belt	2
12.2	Pressure controller	1	54	Motor	1
13	A condenser output pipe ass'y	1	55	Panel ass'y	1
14	B condenser output pipe ass'y	1	56	Motor support board ass'y	1
15	Outer partition board ass'y 2	1	58	Air outlet deflector	1
16	Condenser ass'y	1	59	Air duct board ass'y	1
16.1	Condenser	1	60	Base ass'y	1
16.2	Condenser 1	1	61	Drainage pan ass'y	1
16.3	A condenser input pipe ass'y	1	62	Supporting ass'y	1
16.4	B condenser input pipe ass'y	1	63	Rear left upright pole ass'y	1
16.5	A condenser output pipe ass'y	1	64	Then water board assembly inside	1

16.6	B condenser output pipe ass'y	1	65	Air filter	1
17	Outside top cover board ass'y	1	66	Components of the return air side of the flange II	1
18	Grille	1	67	Air filter	1
19	Deflector	1	68	Rear left upright pole ass'y	1
20	Motor	1	69	Side of the return air cover components	1
21	Fan	1	70	Inside panel ass'y I	1
22	Air outlet clapboard ass'y	1	71	Cover plate ass'y	1
23	Motor bracket	1	72	Rear left upright pole ass'y	1
24	Part II right after the column	1	73	Filter fixed supporting	1
25	Air outlet flange ass'yII	1	74	I return air side of flange components	1
26	Right column ass'y, rear	1	75	Evaporator under seal plate ass'y	1
27	Side of the outlet cover assembly	1	76	Evaporator fixing board ass'y Ⅳ	1
28	Net Ⅲ	1	77	Evaporator fixing board ass'y I	1
29	Side air flange kit	1	78	Evaporator fixing board ass'y Ⅲ	1
30	Net II	1	79	Evaporator fixing board ass'y II	1
31	Compressor	2	80	Fire prevention board	1
32	Pipe supporting board	2	81	Wire controller	1
33	Compressor	1	82	Compressor wire joint ass'y	3
34	Pipe clamp board ass'y	1			

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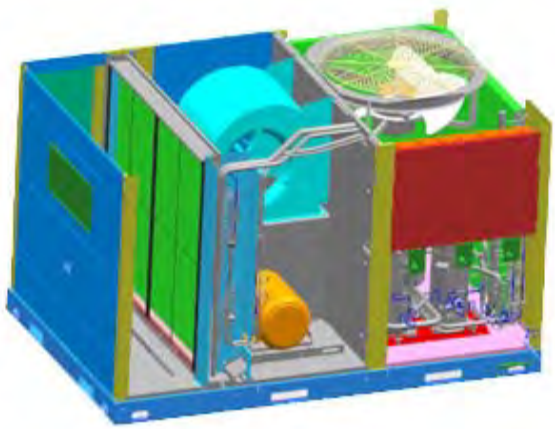

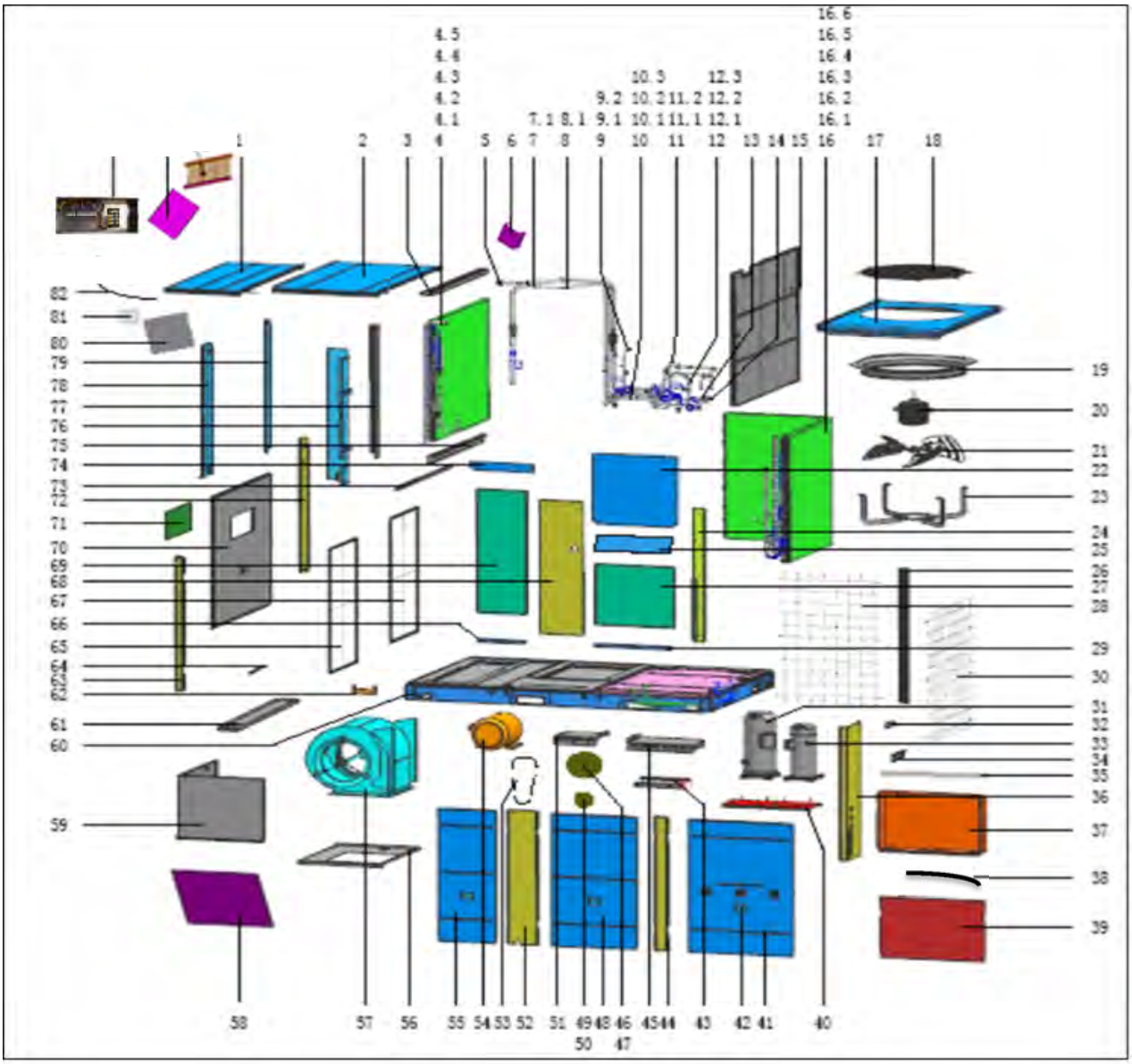

No.	Part Name	Qty	No.	Part Name	Qty
1	Inside top cover board ass'y	1	37.1	E-part box	1
2	Middle top cover ass'y	1	37.2	Outside current check board ass'y	1
3	Evaporator above clapboard ass'y	1	37.3	Main board ass'y	1
4	Evaporator ass'y	1	37.4	Contactor	1
4.1	Evaporator	1	37.5	Contactor	1
4.2	A distributor ass'y	1	37.6	AC contactor	3
4.3	B distributor ass'y	1	37.7	Transformer	2
4.4	A evaporator output pipe ass'y	1	37.8	Wire joint	1
4.5	B evaporator output pipe ass'y	1	37.9	Surge suppresser	3
5	A low-pressure pipe component II	1	38	Wire	1
6	Condenser fixing plate	2	39	Electronic control box cover plate	1
7	A evaporator input pipe ass'y	1	40	Compressor base	1
7.1	Strainer	1	41	Panel	1
8	B evaporator input pipe ass'y	1	42	Handle	4
8.1	Strainer	1	43	Motor bracket ass'y	2
9	A compressor exhaust pipe ass'y	1	44	Front right upright pole ass'y II	1
9.1	Pressure switch	1	45	Motor bracket I ass'y	1
9.2	Form fitting assemblies	1	46	Pulley	1
9.3	One way valve	2	48	Panel ass'y	1
10	A return pipe ass'y	1	49	Pulley	1
10.1	Pressure controller	1	50	Sleeve	1
10.2	Form fitting assemblies	1	51	Motor bracket	1
11	B compressor discharge pipe ass'y	1	52	Rear left upright pole ass'y	1
11.1	Form fitting assemblies	1	53	Belt	2
11.2	Pressure switch	1	54	Motor	1
12	B compressor return pipe ass'y	1	55	Panel ass'y	1
12.1	Form fitting assemblies	1	56	Motor support board ass'y	1
12.2	Pressure controller	1	58	Air outlet deflector	1
13	A condenser output pipe ass'y	1	59	Air duct board ass'y	1
14	B condenser output pipe ass'y	1	60	Base ass'y	1
15	Outer partition board ass'y 2	1	61	Drainage pan ass'y	1
16	Condenser ass'y	1	62	Supporting ass'y	1
16.1	Condenser	1	63	Rear left upright pole ass'y	1
16.2	Condenser 1	1	64	Then water board assembly inside	1
16.3	A condenser input pipe ass'y	1	65	Air filter	1
16.4	B condenser input pipe ass'y	1	66	Components of the return air side of the flange II	1
16.5	A condenser output pipe ass'y	1	67	Air filter	1

16.6	B condenser output pipe ass'y	1	68	Rear left upright pole ass'y	1
17	Outside top cover board ass'y	1	69	Side of the return air cover components	1
18	Grille	1	70	Inside panel ass'y I	1
19	Deflector	1	71	Cover plate ass'y	1
20	Motor	1	72	Rear left upright pole ass'y	1
21	Fan	1	73	Filter fixed supporting	1
22	Air outlet clapboard ass'y	1	74	I return air side of flange components	1
23	Motor bracket	1	75	Evaporator under seal plate ass'y	1
24	Part II right after the column	1	76	Evaporator fixing board ass'y Ⅳ	1
25	Air outlet flange ass'yII	1	77	Evaporator fixing board ass'y I	1
26	Right column ass'y, rear	1	78	Evaporator fixing board ass'y Ⅲ	1
27	Side of the outlet cover assembly	1	79	Evaporator fixing board ass'y II	1
28	Net Ⅲ	1	80	Fire prevention board	1
29	Side air flange kit	1	81	Wire controller	1
30	Net II	1	82	Compressor wire joint ass'y	3
31	Compressor	2	83	EAH E-part box ass'y	1
32	Pipe supporting board	2	83.1	E-part box	1
33	Compressor	1	83.2	AC contactor	3
34	Pipe clamp board ass'y	1	83.3	Wire joint	1
35	E-box support board	1	83.4	Terminal block	1
36	Welding pieces of the right anterior column I	1	84	E-Part box cover	1
37	Electrical control box parts	1	85	Electric heater ass'y	1

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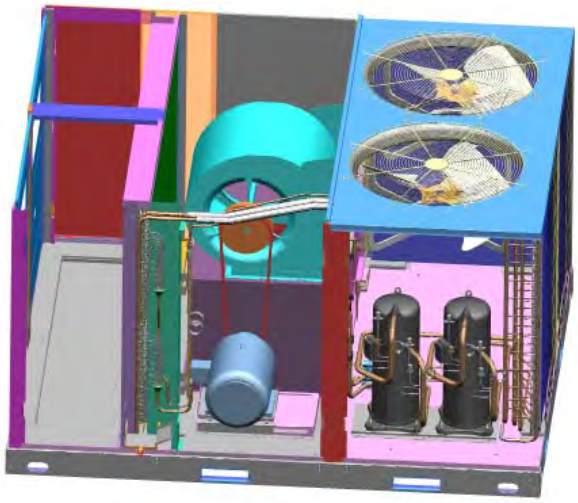

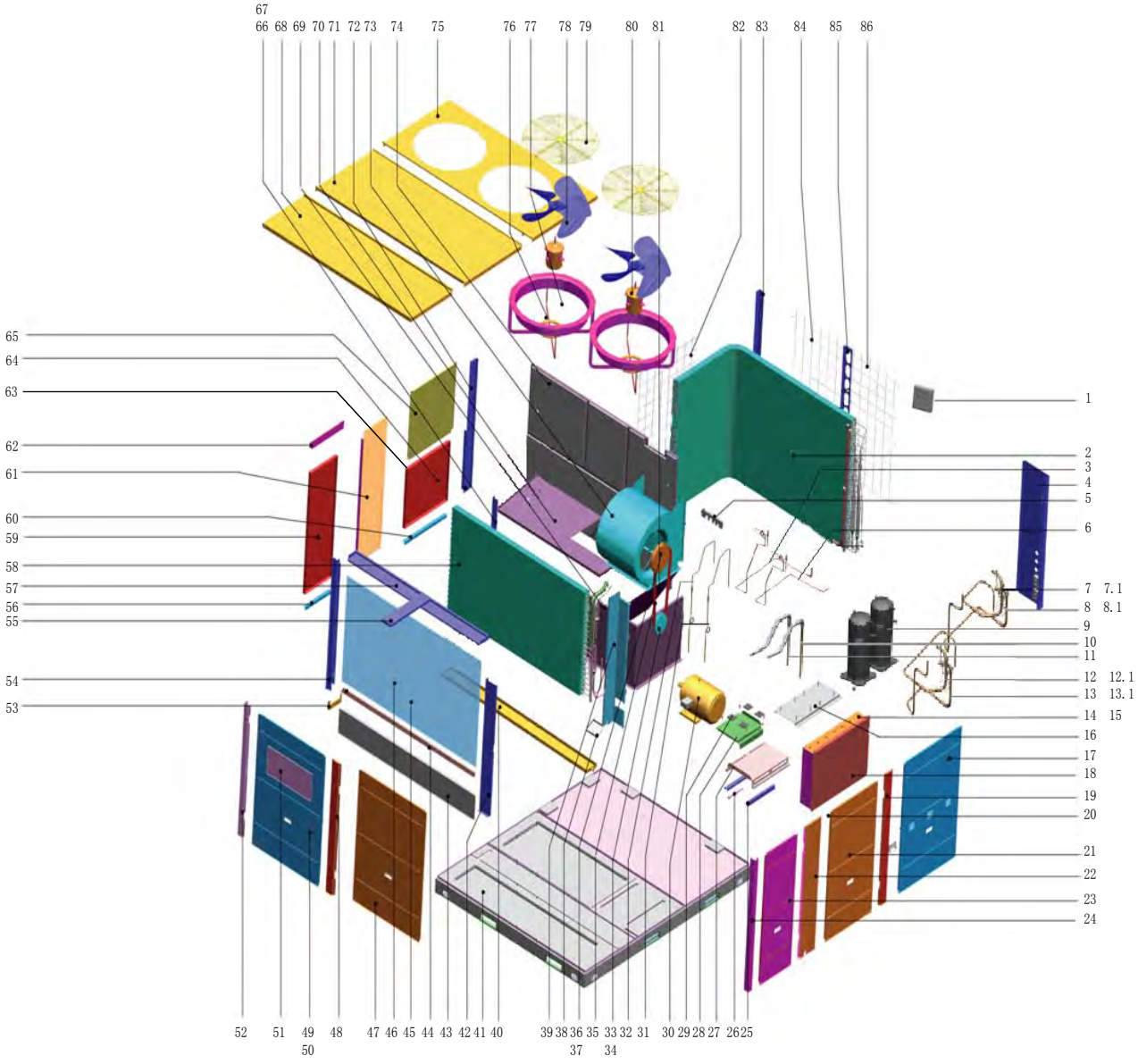

No.	Part Name	Qty	No.	Part Name	Qty
1	Wire controller	1	37	Sleeve	1
2	Condenser ass'y	1	38	Then water board assembly inside	1
3	B condenser output tube ass'y	1	39	Fixed supporting ass'y IV	1
4	Front-right supporting board I	1	40	Drainage pan ass'y	1
5	Pipe clamp board ass'y	1	41	Base component	1
6	A condenser output pipe ass'y	1	42	Evaporator fixed supporter ass'y III	1
7	B compressor exhaust pipe ass'y	1	43	Evaporator down clapboard ass'y	1
7.1	Pressure switch	1	44	Fixed supporting	1
8	B compressor return pipe ass'y	1	45	Air filter	1
8.1	Pressure controller	1	46	Air filter	1
9	Compressor	2	47	Panel ass'y	1
10	A low pressure pipe ass'yII	1	48	pole ass'y	1
11	B low pressure pipe ass'y II	1	49	Panel ass'y	1
12	A compressor exhaust pipe ass'y	1	50	Handle	5
12.1	Pressure controller	1	51	Cover plate ass'y	1
13	A compressor return pipe ass'y	1	52	Rear left upright pole ass'y	1
13.1	Pressure controller	1	53	Supporting ass'y	1
14	E-part box ass'y	1	54	Evaporator fixed supporter ass'y II	1
14.1	E-part box	1	55	Inside of the roof support plate welding parts	1
14.2	Main board ass'y	1	56	Components of the return air side of the flange II	1
14.3	Contactor	2	57	Evaporator above clapboard ass'y	1
14.4	Contactor	1	58	Evaporator ass'y	1
14.5	AC contactor	2	59	Side of the return air cover components	1
14.6	Transformer	1	60	Side air flange kit	1
14.7	24V AC transformer	1	61	Rear left upright pole ass'y	1
14.8	Wire joint	1	62	I return air side of flange components	1
14.9	Wire joint	1	63	Air outlet flange ass'yII	1
14.10	Surge suppresser	2	64	Side of the outlet cover assembly	1
15	E-box support board	1	65	Air outlet clapboard ass'y	1
16	Compressor base ass'y	1	66	Board fireproofing	1
17	Panel	1	67	Evaporator fixed supporter ass'y I	1
18	Electronic control box cover plate	1	68	Components inside the top cover	1
19	Front right upright pole ass'y II	1	69	I fan support plate assembly	1
20	Air duct ass'y	3	70	Fan support plate welding parts II	1
21	Panel ass'y	1	71	Top cover ass'y	1
22	Rear left upright pole ass'y	1	72	Rear-right supporting board II	1

23	Panel ass'y	1	73	Motor	1
24	Rear left upright pole ass'y	1	74	Outside dummy plate ass'y	1
25	Motor bracket ass'y	2	75	Outside top cover ass'y	1
26	Screw	1	76	Deflector	2
27	Motor bracket I ass'y	1	77	Motor bracket	2
28	Motor bracket	1	78	Fan	2
29	Motor vibration pad	4	79	Grille	2
30	Motor	1	80	Motor	2
31	A evaporator input connect pipe ass'y	1	81	Side air deflector	1
32	B evaporator input connect pipe ass'y	1	82	Net II	1
33	Pulley	1	83	Right rear supporting I	1
34	Sleeve	1	84	Net II	1
35	Belt	2	85	Right middle pole ass'y	1
36	Pulley	1	86	Net I	1

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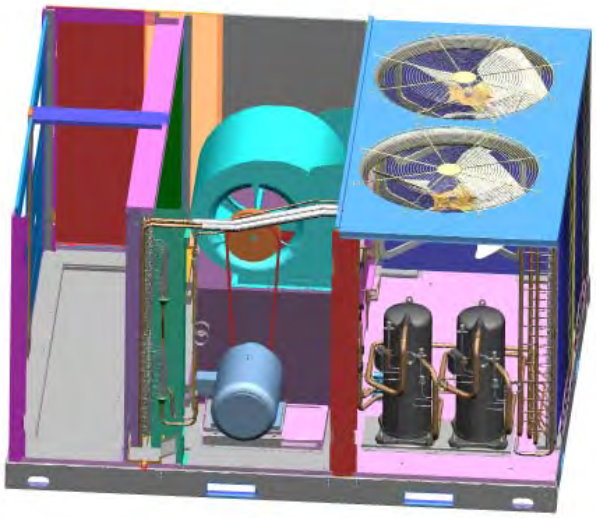

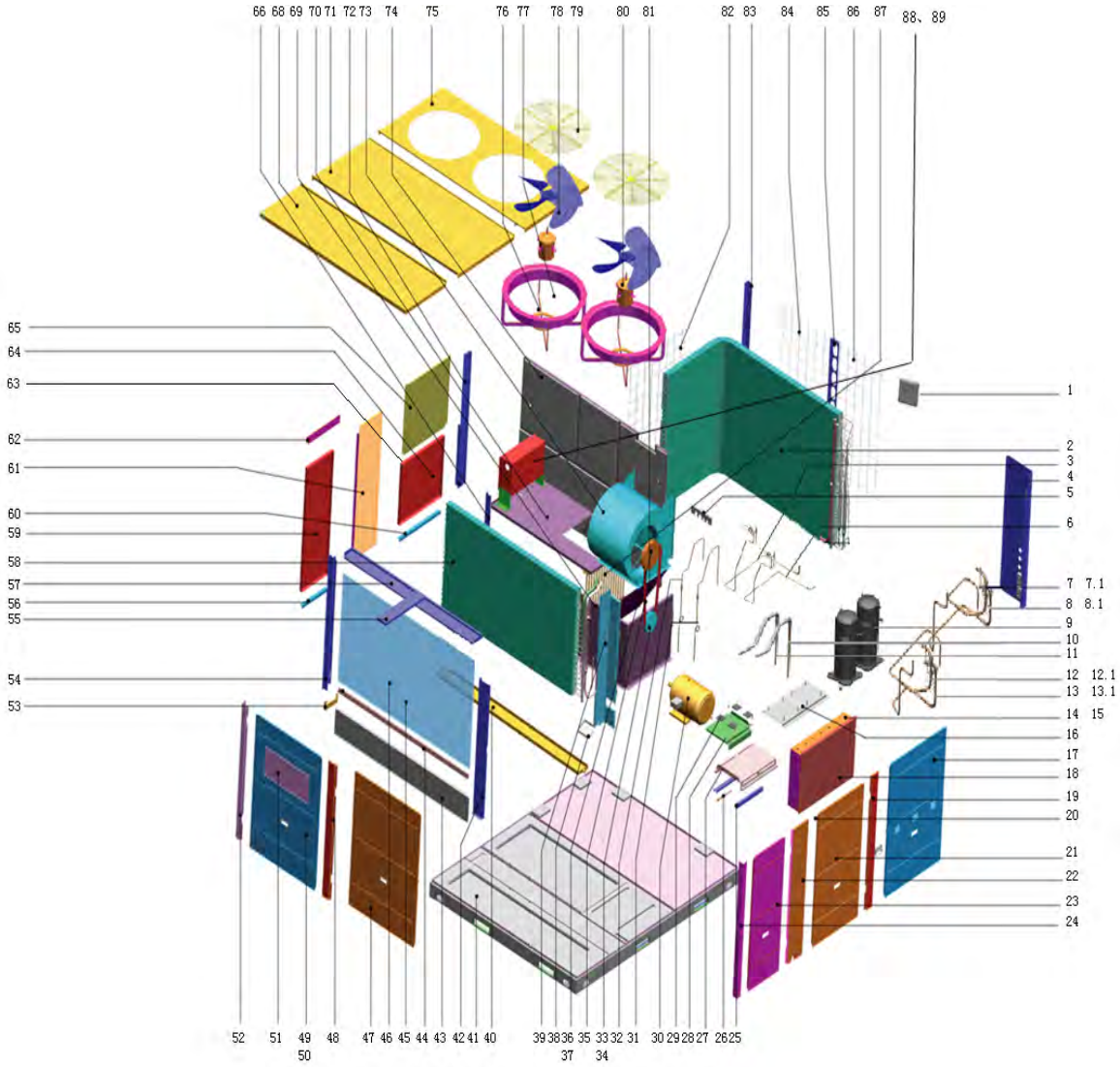

No.	Part Name	Qty	No.	Part Name	Qty
1	Wire controller	1	41	Base component	1
2	Condenser ass'y	1	42	Evaporator fixed supporter ass'y III	1
3	B condenser output tube ass'y	1	43	Evaporator down clapboard ass'y	1
4	Front-right supporting board I	1	44	Fixed supporting	1
5	Pipe clamp board ass'y	1	45	Air filter	1
6	A condenser output pipe ass'y	1	46	Air filter	1
7	B compressor exhaust pipe ass'y	1	47	Panel ass'y	1
7.1	Pressure switch	1	48	pole ass'y	1
8	B compressor return pipe ass'y	1	49	Panel ass'y	1
8.1	Pressure controller	1	50	Handle	5
9	Compressor	2	51	Cover plate ass'y	1
10	A low pressure pipe ass'yII	1	52	Rear left upright pole ass'y	1
11	B low pressure pipe ass'y II	1	53	Supporting ass'y	1
12	A compressor exhaust pipe ass'y	1	54	Evaporator fixed supporter ass'y II	1
12.1	Pressure controller	1	55	Inside of the roof support plate welding parts	1
13	A compressor return pipe ass'y	1	56	Components of the return air side of the flange II	1
13.1	Pressure controller	1	57	Evaporator above clapboard ass'y	1
14	E-part box ass'y	1	58	Evaporator ass'y	1
14.1	E-part box	1	59	Side of the return air cover components	1
14.2	Main board ass'y	1	60	Side air flange kit	1
14.3	Contactor	2	61	Rear left upright pole ass'y	1
14.4	Contactor	1	62	I return air side of flange components	1
14.5	AC contactor	2	63	Air outlet flange ass'yII	1
14.6	Transformer	1	64	Side of the outlet cover assembly	1
14.7	24V AC transformer	1	65	Air outlet clapboard ass'y	1
14.8	Wire joint	1	66	Board fireproofing	1
14.9	Wire joint	1	67	Evaporator fixed supporter ass'y I	1
14.10	Surge suppresser	2	68	Components inside the top cover	1
15	E-box support board	1	69	I fan support plate assembly	1
16	Compressor base ass'y	1	70	Fan support plate welding parts II	1
17	Panel	1	71	Top cover ass'y	1
18	Electronic control box cover plate	1	72	Rear-right supporting board II	1
19	Front right upright pole ass'y II	1	73	Motor	1
20	Air duct ass'y	3	74	Outside dummy plate ass'y	1
21	Panel ass'y	1	75	Outside top cover ass'y	1
22	Rear left upright pole ass'y	1	76	Deflector	2
23	Panel ass'y	1	77	Motor bracket	2

24	Rear left upright pole ass'y	1	78	Fan	2
25	Motor bracket ass'y	2	79	Grille	2
26	Screw	1	80	Motor	2
27	Motor bracket I ass'y	1	81	Side air deflector	1
28	Motor bracket	1	82	Net II	1
29	Motor vibration pad	4	83	Right rear supporting I	1
30	Motor	1	84	Net II	1
31	A evaporator input connect pipe ass'y	1	85	Right middle pole ass'y	1
32	B evaporator input connect pipe ass'y	1	86	Net I	1
33	Pulley	1	87	Electric heater ass'y	1
34	Sleeve	1	88	E-Part box cover	1
35	Belt	2	89	EAH E-part box ass'y	1
36	Pulley	1	89.1	E-part box	1
37	Sleeve	1	89.2	AC contactor	3
38	Then water board assembly inside	1	89.3	Wire joint	1
39	Fixed supporting ass'y IV	1	89.4	Terminal block	1
40	Drainage pan ass'y	1			

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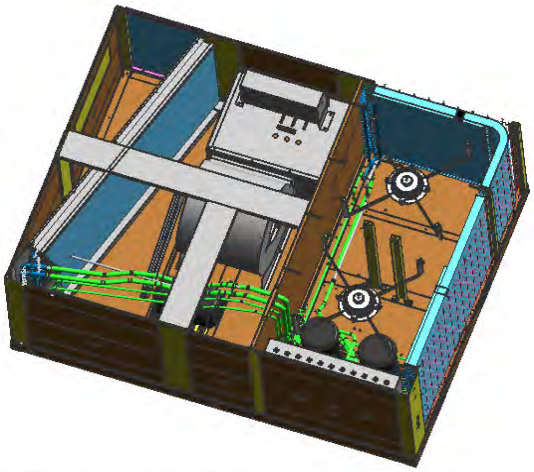
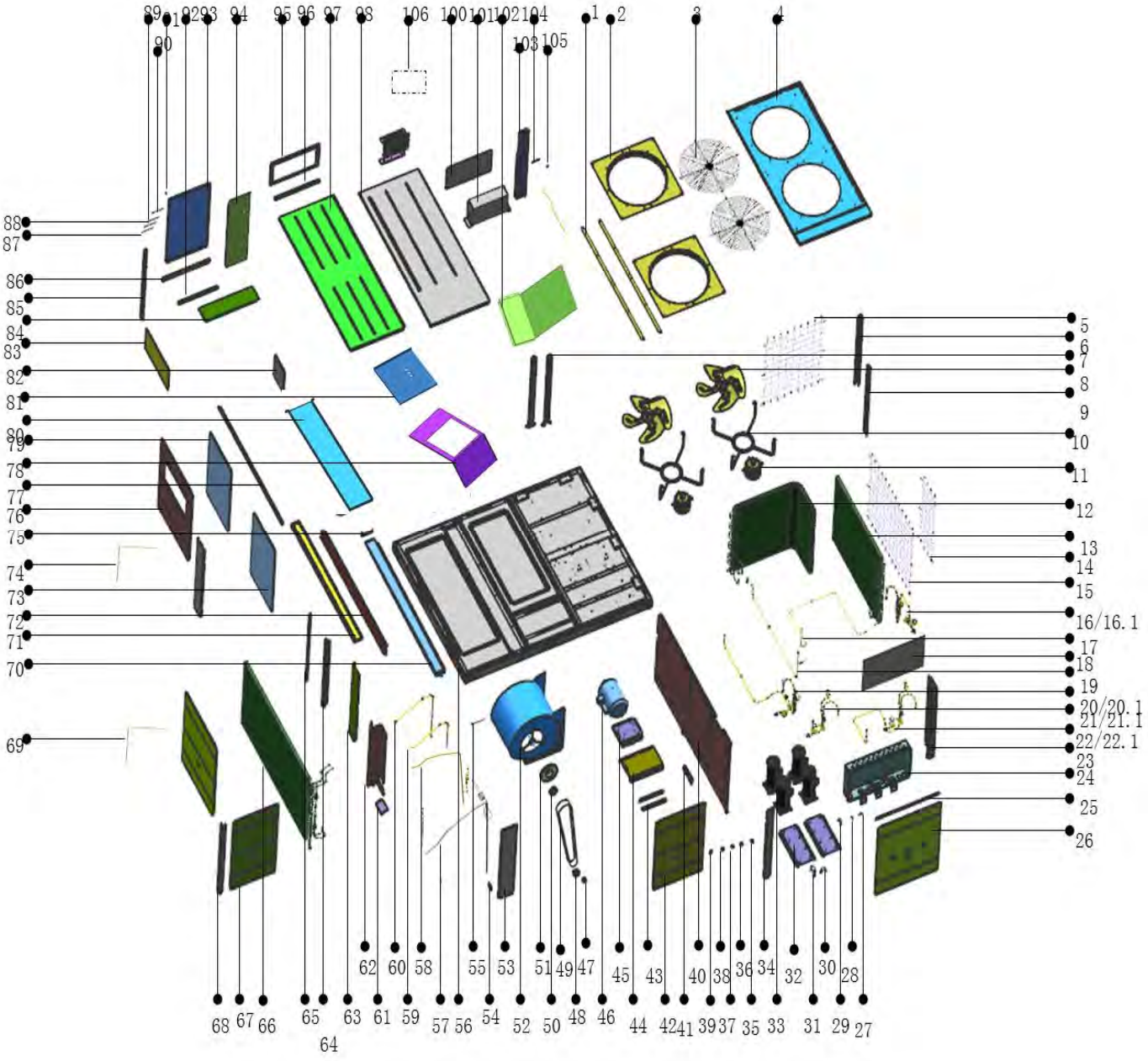
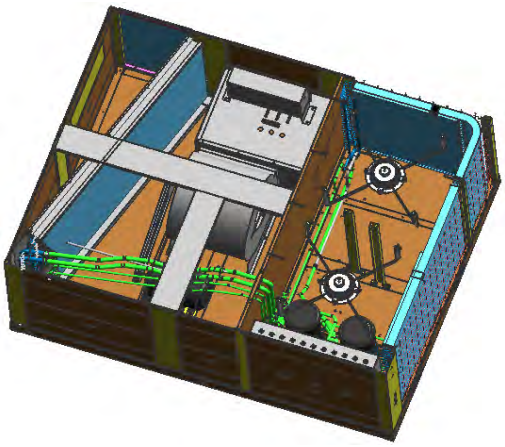


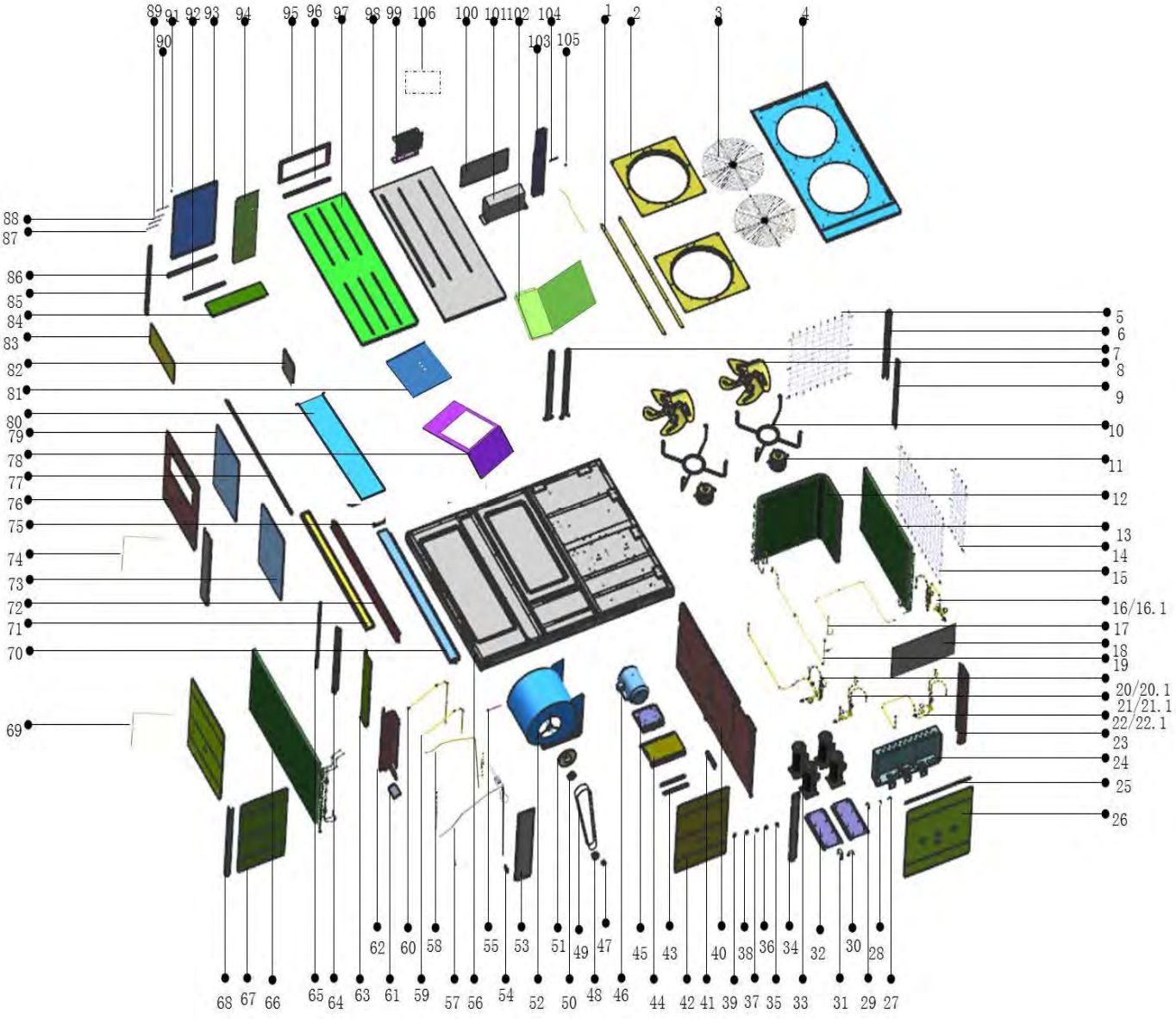


No.	Part Name	Qty	No.	Part Name	Qty
1	Outer top cover strengthen board	2	46	Motor	1
2	Ventilation	2	47	Sleeve	1
3	Grille	2	48	Taper casing	1
4	Outside top-cover board ass'y	1	50	Pulley	1
5	Net III	1	51	Wheel	1
6	Right column I, rear	1	52	Fan	1
7	Column ass'y, outside, top cover	2	53	Rear left upright pole ass'y	1
8	Axial fan	2	54	Handle	5
9	Outside mid Pole ass'y	1	55	Screw	1
10	Motor bracket	2	56	Chassis Parts	1
11	Motor	2	57	A capillary ass'y	1
12	A condenser ass'y	1	58	B capillary ass'y	1
13	B condenser ass'y	1	59	B evaporator connect pipe ass'y	1
14	Net II	1	60	A evaporator connect pipe ass'y	1
15	Net I	1	61	Water connection board ass'y	1
16	B discharge pipe ass'y	1	62	Evaporator fixed supporter ass'y IV	1
16.1	Pressure switch	1	63	Evaporator fixed supporter ass'y III	1
17	B condenser connect pipe ass'y	1	64	Fixed supporting ass'y II	1
18	E-Part box cover	1	65	Fixed supporting ass'y I	1
19	A condenser connect pipe ass'y	1	66	Evaporator ass'y	1
20	A discharge pipe ass'y	1	67	Panel ass'y III	1
20.1	Pressure switch	1	68	Rear left upright pole ass'y	1
21	A return pipe ass'y	1	69	Panel ass'y II	1
21.1	Pressure controller	1	70	Drainage pan ass'y	1
22	B return pipe ass'y	1	71	Evaporator up clapboard ass'y	1
22.1	Pressure controller	1	72	Evaporator down clapboard ass'y	1
23	Right front Pole I	1	73	Air filter	1
24	E-part box ass'y	1	74	Pole ass'y	1
24.1	E-part box	1	75	Supporting ass'y	1
24.2	Main board ass'y	1	76	Panel ass'y I	1
24.3	Contactor	2	77	Fixed supporting	1
24.4	Contactor	1	78	Supporting board	1
24.5	AC contactor	2	79	Air filter	1
24.6	Transformer	1	80	Partition board ass'y	1
24.7	24V AC transformer	1	81	Supporting board ass'y	1
24.8	Wire joint	1	82	Partition board ass'y	1
24.9	Wire joint	1	83	Cover plate ass'y	1

24.10	Surge suppresser	2	84	Top cover supporting	1
25	E-box support board	1	85	Rear left upright pole ass'y	1
26	Panel ass'y	1	86	Return air flange I ass'y	1
28	Pipe clamp B	4	87	room temp sensor ass'y	1
29	Pipe supporting board	2	88	Pipe temp. sensor ass'y	1
30	Pipe supporting board	1	89	Pipe temp. sensor ass'y	2
31	Pipe supporting board	2	91	Discharge temperature sensor	2
32	Compressor base	1	92	Return air flange II ass'y	1
33	Compressor	2	93	Return air cover plate ass'y	1
34	Pole	1	94	Components of the left rear column II	1
35	Rubber gasket	2	95	I component supply air flange	1
36	Rubber blanket	8	96	Supply air flange II ass'y	1
37	Rubber blanket	4	97	Top cover plate ass'y	1
38	Rubber blanket	5	98	Top cover ass'y	1
39	Antivibration rubber	2	100	Manhole cover electric auxiliary heat component	1
40	Outside the partition component	1	102	EAH insulation board	1
41	Press plate assy	1	103	Rear right uprigh pole II ass'y	1
42	Panel ass'y	1	104	EAH control wire	1
43	Motor bracket ass'y	2	105	Electric auxiliary heat fixed plate	4
44	Motor bracket I ass'y	1	106	Wire controller	1
45	Motor bracket	1			

TME70T3/1TA58NO1A





No.	Part Name	Qty	No.	Part Name	Qty
1	Outer top cover strengthen board	2	48	Taper casing	1
2	Ventilation	2	50	Pulley	1
3	Grille	2	51	Wheel	1
4	Outside top-cover board ass'y	1	52	Fan	1
5	Net III	1	53	Rear left upright pole ass'y	1
6	Right column I, rear	1	54	Handle	5
7	Column ass'y, outside, top cover	2	55	Screw	1
8	Axial fan	2	56	Chassis Parts	1
9	Outside mid Pole ass'y	1	57	A capillary ass'y	1
10	Motor bracket	2	58	B capillary ass'y	1
11	Motor	2	59	B evaporator connect pipe ass'y	1
12	A condenser ass'y	1	60	A evaporator connect pipe ass'y	1
13	B condenser ass'y	1	61	Water connection board ass'y	1
14	Net II	1	62	Evaporator fixed supporter ass'y IV	1
15	Net I	1	63	Evaporator fixed supporter ass'y III	1
16	B discharge pipe ass'y	1	64	Fixed supporting ass'y II	1
16.1	Pressure switch	1	65	Fixed supporting ass'y I	1
17	B condenser connect pipe ass'y	1	66	Evaporator ass'y	1
18	E-Part box cover	1	67	Panel ass'y III	1
19	A condenser connect pipe ass'y	1	68	Rear left upright pole ass'y	1
20	A discharge pipe ass'y	1	69	Panel ass'y II	1
20.1	Pressure switch	1	70	Drainage pan ass'y	1
21	A return pipe ass'y	1	71	Evaporator up clapboard ass'y	1
21.1	Pressure controller	1	72	Evaporator down clapboard ass'y	1
22	B return pipe ass'y	1	73	Air filter	1
22.1	Pressure controller	1	74	Pole ass'y	1
23	Right front Pole I	1	75	Supporting ass'y	1
24	E-part box ass'y	1	76	Panel ass'y I	1
24.1	E-part box	1	77	Fixed supporting	1
24.2	Main board ass'y	1	78	Supporting board	1
24.3	Contactor	2	79	Air filter	1
24.4	Contactor	1	80	Partition board ass'y	1
24.5	AC contactor	2	81	Supporting board ass'y	1
24.6	Transformer	1	82	Partition board ass'y	1
24.7	24V AC transformer	1	83	Cover plate ass'y	1

24.8	Wire joint	1	84	Top cover supporting	1
24.9	Wire joint	1	85	Rear left upright pole ass'y	1
24.10	Surge suppresser	2	86	Return air flange I ass'y	1
25	E-box support board	1	87	room temp sensor ass'y	1
26	Panel ass'y	1	88	Pipe temp. sensor ass'y	1
28	Pipe clamp B	4	89	Pipe temp. sensor ass'y	2
29	Pipe supporting board	2	92	Return air flange II ass'y	1
30	Pipe supporting board	1	93	Return air cover plate ass'y	1
31	Pipe supporting board	2	94	Components of the left rear column II	1
32	Compressor base	1	95	I component supply air flange	1
33	Compressor	2	96	Supply air flange II ass'y	1
34	Pole	1	97	Top cover plate ass'y	1
35	Rubber gasket	2	98	Top cover ass'y	1
36	Rubber blanket	8	99	Electric heater ass'y	1
37	Rubber blanket	4	100	Manhole cover electric auxiliary heat component	1
38	Rubber blanket	5	101	EAH E-part box ass'y	1
39	Antivibration rubber	2	101.1	E-part box	1
40	Outside the partition component	1	101.2	AC contactor	3
41	Press plate assy	1	101.3	Wire joint	1
42	Panel ass'y	1	101.4	Terminal block	1
43	Motor bracket ass'y	2	102	EAH insulation board	1
44	Motor bracket I ass'y	1	103	Rear right uprigh pole II ass'y	1
45	Motor bracket	1	104	EAH control wire	1
46	Motor	1	105	Electric auxiliary heat fixed plate	4
47	Sleeve	1	106	Wire controller	1

10. Electrical Data

Model	Power Supply			Compressor				Evaporator fan motor			Condenser fan motor		
	MCA	TOCA	MFA	STC	RNC	IPT	Qty	RNC	IPT	Qty	RNC (each)	IPT (each)	Qty
TMC22T3/1TA00NO1A	17.5	22.6	30	74	9.1	5.2	1	4.60	1.03	1	1.50	0.35	1
TME22T3/1TA15NO1A	17.4	22.5	30	74	9.1	5.2	1	4.60	1.03	1	1.50	0.35	1
TMC26T3/1TA00NO1A	27.4	34.1	45.0	62	8.8	5.13	2	3.65	1.76	1	1.73	0.83	1
TME26T3/1TA14NO1A	27.4	34.1	45.0	62	8.8	5.13	2	3.60	1.70	1	1.73	0.83	1
TMC30T3/1TA00NO1A	27.4	34.1	45.0	62	8.8	5.13	2	3.65	1.76	1	1.73	0.83	1
TME30T3/1TA14NO1A	27.4	34.1	45.0	62	8.8	5.13	2	3.60	1.70	1	1.73	0.83	1
TMC35T3/1TA00NO1A	30.3	37.4	50	66	9.6	5.7	2	3.65	1.69	1	2.58	1.14	1
TME35T3/1TA21NO1A	30.3	37.4	50	66	9.6	5.7	2	3.51	1.61	1	2.58	1.14	1
TMC44T3/1TA00NO1A	39.2	47.8	65	58x2+66	7.3x2+9.6	4.27x2+5.7	2+1	5.60	2.65	1	2.47	1.07	1
TME44T3/1TA30NO1A	39.1	47.8	65	58x2+66	7.3x2+9.6	4.27x2+5.7	2+1	5.60	2.64	1	2.47	1.07	1
TMC53T3/1TA00NO1A	47.9	59.7	80	66x2+66	9.6x2+9.6	5.7x2+5.7	2+1	8.80	3.91	1	2.46	1.04	1
TME53T3/1TA30NO1A	47.7	59.7	80	66x2+66	9.6x2+9.6	5.7x2+5.7	2+1	8.60	3.83	1	2.46	1.04	1
TMC62T3/1TA00NO1A	60.9	74.3	95	139	16.6	9.16	2	9.10	4.03	1	5.13	2.25	2
TME62T3/1TA52NO1A	60.6	74.3	95	139	16.6	9.16	2	8.90	3.78	1	5.13	2.25	2
TMC70T3/1TA00NO1A	71.8	86.3	110	144	18.7	10.8	2	10.20	5.23	1	7.04	3.60	2
TME70T3/1TA58NO1A	70.9	86.3	110	144	18.7	10.8	2	9.30	4.61	1	7.04	3.60	2

Voltage imbalance between phases to be <2%

MCA: Min. Current Amps. (A) **TOCA:** Total Over-current Amps. (A)

MFA: Max. Fuse Amps. (A) **STC:** Starting Current (A)

RNC: Running Current (A) **IPT:** Input (kW)

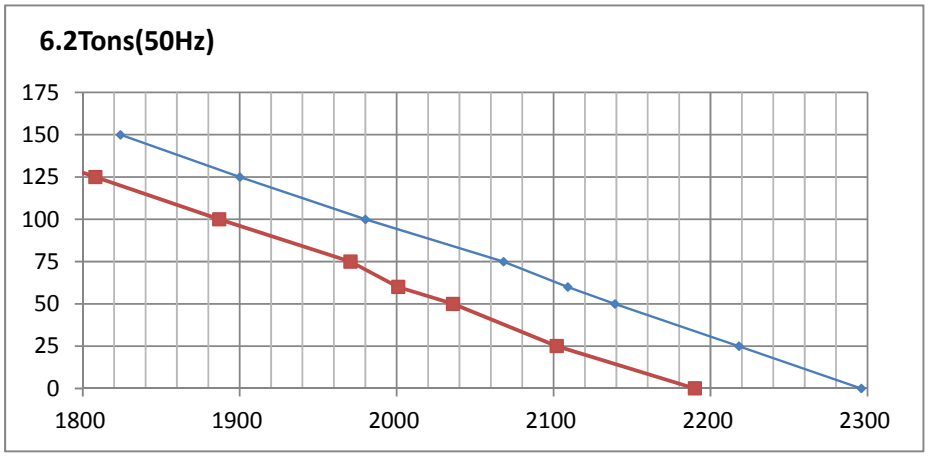
11. Parameter and Pressure Chart

11.1 Model: 6.2ton

Parameter table for indoor unit air volume:

Static pressure(Pa)	Brake power (KW)	Air flow(CFM)	Air flow(CFM)-E/H	Fan speed (rpm)
0	1.06	2296	2190	960
25	1.04	2218	2102	986
50	1.03	2139	2036	1015
60	1.02	2109	2001	1034
75	1.01	2068	1971	1038
100	1.00	1980	1887	1062
125	0.98	1900	1808	1084
150	0.96	1824	1731	1106

Curve diagram of static pressure, air flow volume:



Notes:

The above chart: the blue line is the static pressure curve of the cooling unit.

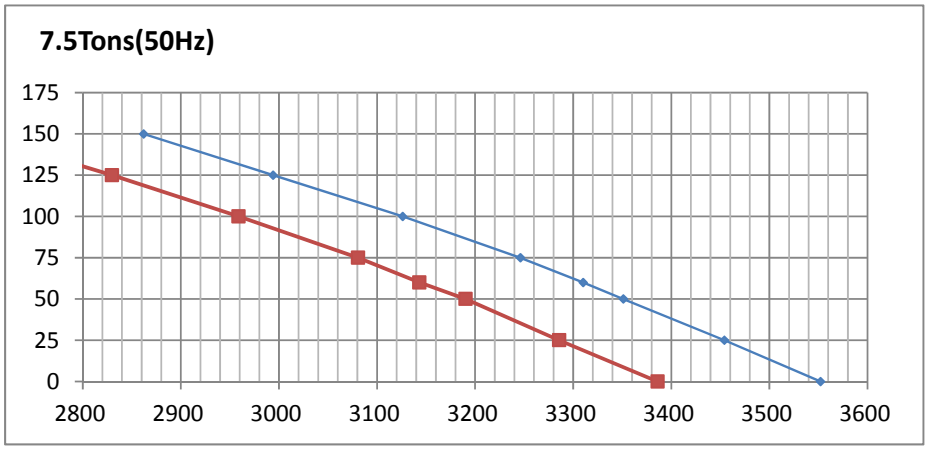
the red line is the static pressure curve of the EAH unit.

11.2 Model:7.5ton

Parameter table for indoor unit air volume:

Static pressure(Pa)	Brake power (KW)	Air flow(CFM)	Air flow(CFM)-E	Fan speed (rpm)
25	1.84	3454	3286	1138
50	1.78	3351	3190	1141
60	1.75	3310	3143	1143
75	1.72	3246	3081	1145
100	1.66	3126	2959	1152
125	1.59	2994	2830	1156
150	1.53	2862	2690	1161

Curve diagram of static pressure, air flow volume:



Notes:

The above chart: the blue line is the static pressure curve of the cooling unit.

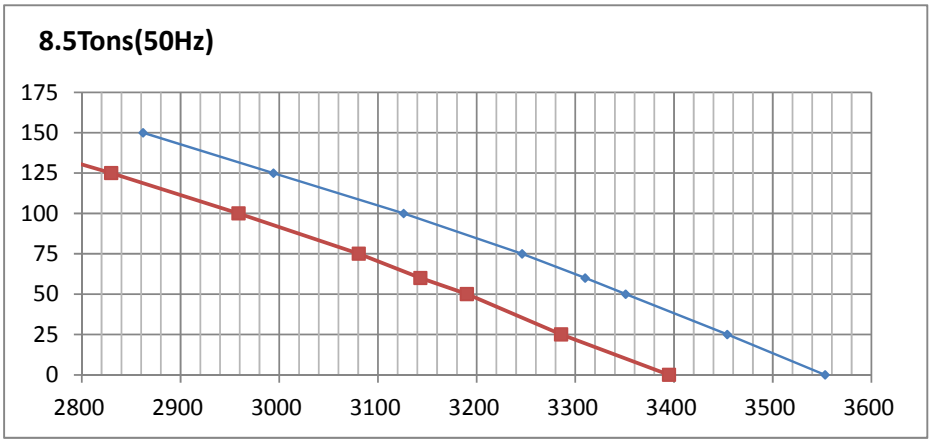
the red line is the static pressure curve of the EAH unit.

11.3 Model: 8.5ton

Parameter table for indoor unit air volume:

Static pressure(Pa)	Brake power (KW)	Air flow(CFM)	Air flow(CFM)-E	Fan speed (rpm)
25	1.84	3454	3286	1138
50	1.78	3351	3190	1141
60	1.75	3310	3143	1143
75	1.72	3246	3081	1145
100	1.66	3126	2959	1152
125	1.59	2994	2830	1156
150	1.53	2862	2690	1161

Curve diagram of static pressure, air flow volume:



Notes:

The above chart: the blue line is the static pressure curve of the cooling unit.

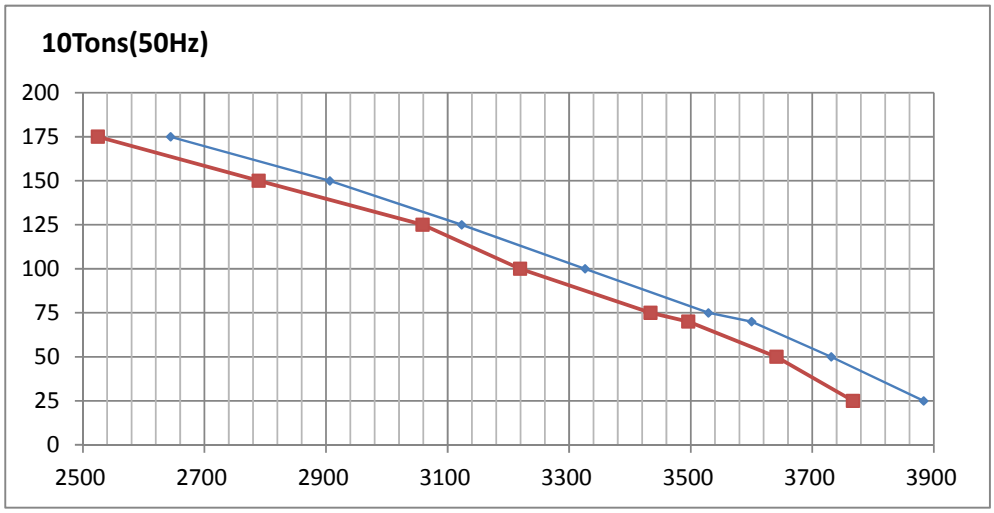
the red line is the static pressure curve of the EAH unit.

11.4 Model:10ton

Parameter table for indoor unit air volume:

Static pressure(Pa)	Brake power (KW)	Air flow(CFM)	Air flow(CFM)-E	Fan speed (rpm)
25	1.77	3883	3767	934
50	1.70	3731	3641	934
70	1.63	3600	3496	938
75	1.63	3529	3434	940
100	1.56	3326	3219	940
125	1.48	3123	3059	944
150	1.41	2906	2789	948
175	1.33	2644	2525	952

Curve diagram of static pressure, air flow volume:



Notes:

The above chart: the blue line is the static pressure curve of the cooling unit.

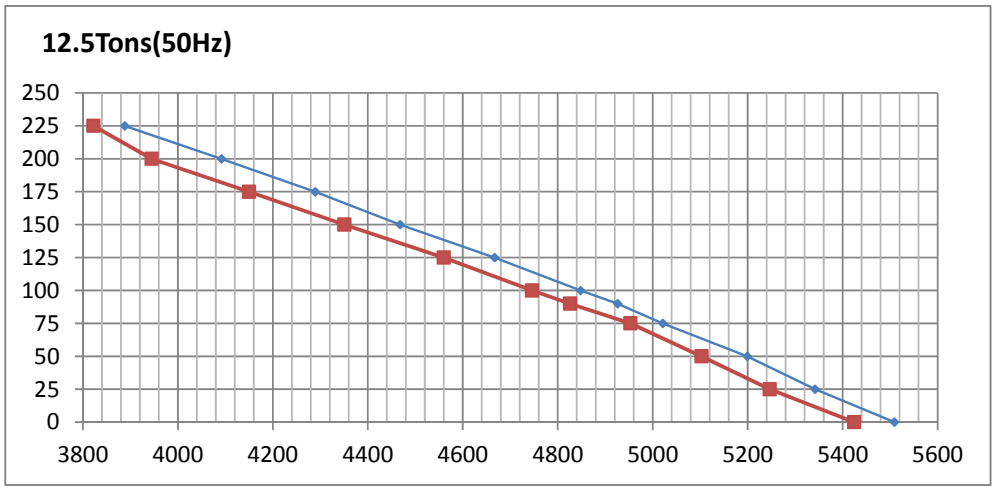
the red line is the static pressure curve of the EAH unit.

11.5 Model: 12.5ton

Parameter table for indoor unit air volume:

Static pressure(Pa)	Brake power (KW)	Air flow(CFM)	Air flow(CFM)-E	Fan speed (rpm)
0	2.85	5509	5424	976
25	2.77	5342	5246	978
50	2.69	5199	5103	979
75	2.60	5021	4953	980
90	2.54	4926	4826	981
100	2.49	4848	4746	981
125	2.42	4667	4560	982
150	2.32	4468	4351	983
175	2.25	4289	4150	983
200	2.15	4092	3945	984
225	2.06	3888	3822	984

Curve diagram of static pressure, air flow volume:



Notes:

The above chart: the blue line is the static pressure curve of the cooling unit.

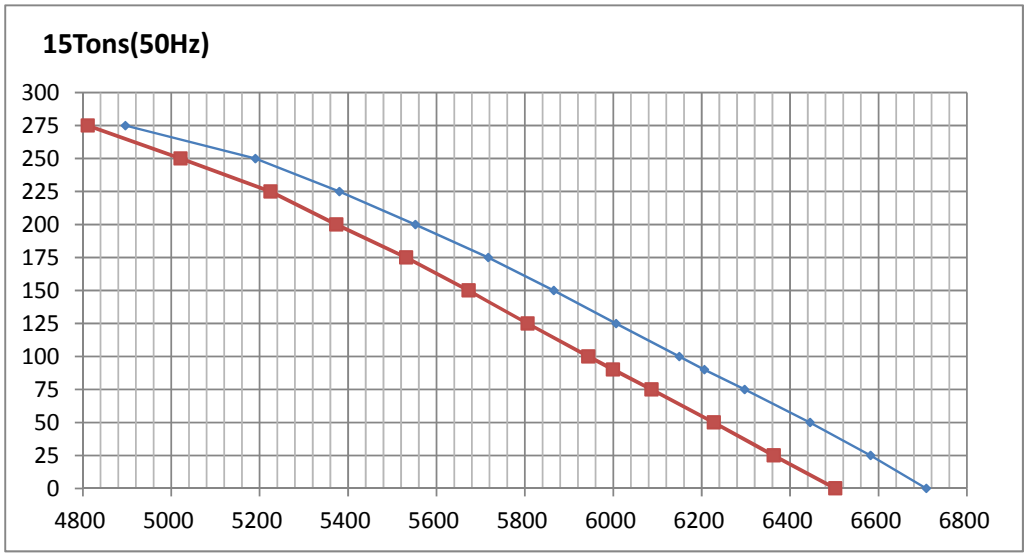
the red line is the static pressure curve of the EAH unit.

11.6 Model: 15ton

Parameter table for indoor unit air volume:

Static pressure(Pa)	Brake power (KW)	Air flow(CFM)	Air flow(CFM)-E	Fan speed (rpm)
0	4.46	6708	6502	1084
25	4.36	6582	6363	1085
50	4.26	6445	6227	1085
75	4.13	6297	6087	1086
90	4.06	6206	5999	1087
100	4.02	6149	5943	1087
125	3.91	6006	5806	1087
150	3.80	5865	5673	1088
175	3.69	5717	5531	1088
200	3.58	5552	5373	1089
225	3.45	5380	5224	1089
250	3.34	5190	5021	1090
275	3.22	4896	4811	1090

Curve diagram of static pressure, air flow volume:



Notes:

The above chart: the blue line is the static pressure curve of the cooling unit.

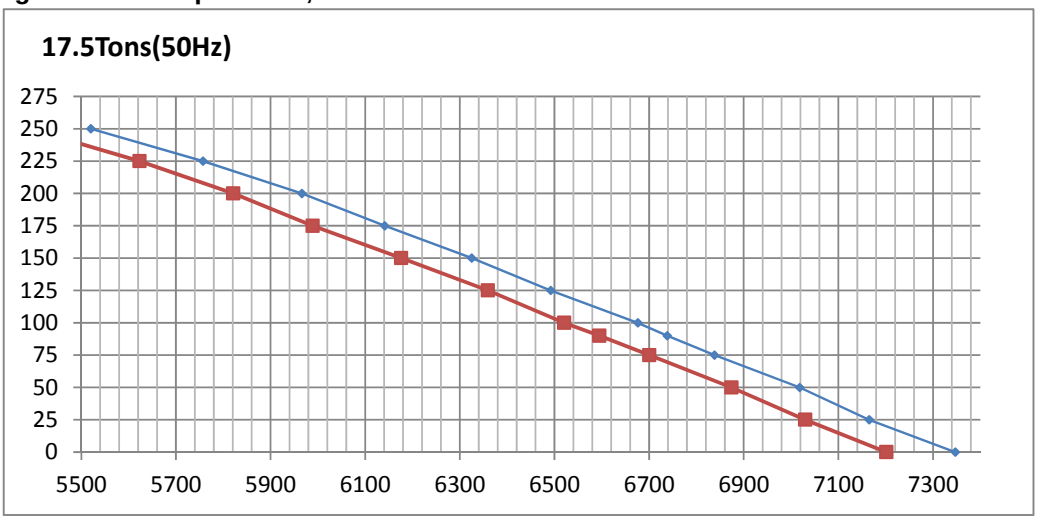
the red line is the static pressure curve of the EAH unit.

11.7 Model:17.5ton

Parameter table for indoor unit air volume:

Static pressure(Pa)	Brake power (KW)	Air flow(CFM)	Air flow(CFM)-E	Fan speed (rpm)
0	4.73	7347	7201	964
25	4.60	7165	7030	965
50	4.48	7018	6874	965
75	4.38	6838	6700	966
90	4.28	6738	6595	967
100	4.24	6676	6521	967
125	4.10	6492	6359	967
150	3.97	6325	6176	968
175	3.85	6141	5989	969
200	3.74	5966	5821	970
225	3.59	5757	5623	970
250	3.41	5520	5391	975

Curve diagram of static pressure, air flow volume:



Notes:

The above chart: the blue line is the static pressure curve of the cooling unit.

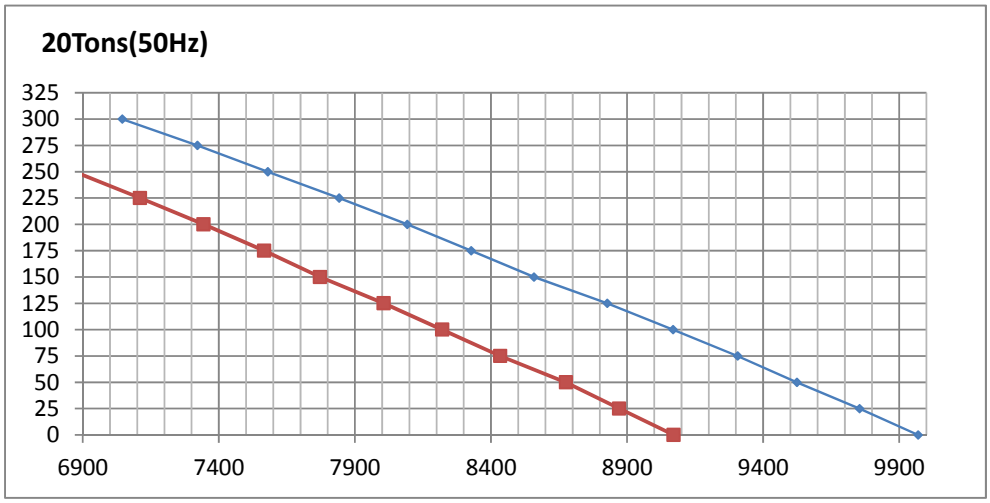
the red line is the static pressure curve of the EAH unit.

11.8 Model: 20ton

Parameter table for indoor unit air volume:

Static pressure(Pa)	Brake power (KW)	Air flow(CFM)	Air flow(CFM)-E	Fan speed (rpm)
0	5.55	9969	9071	876
25	5.37	9754	8871	877
50	5.21	9524	8676	879
75	5.08	9306	8434	879
100	4.93	9069	8221	880
125	4.74	8827	8006	881
150	4.61	8558	7772	881
175	4.48	8327	7567	882
200	4.32	8092	7344	882
225	4.17	7842	7110	883
250	4.03	7580	6870	884
275	3.88	7321	6620	885
300	3.72	7045	6332	885

Curve diagram of static pressure, air flow volume:



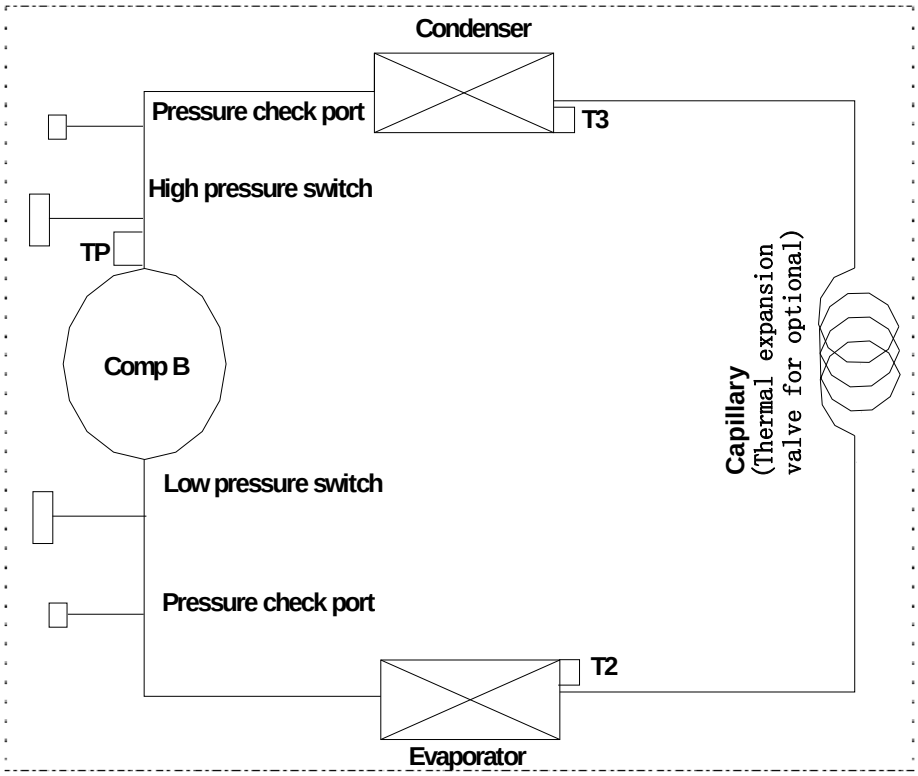
Notes:

The above chart: the blue line is the static pressure curve of the cooling unit.

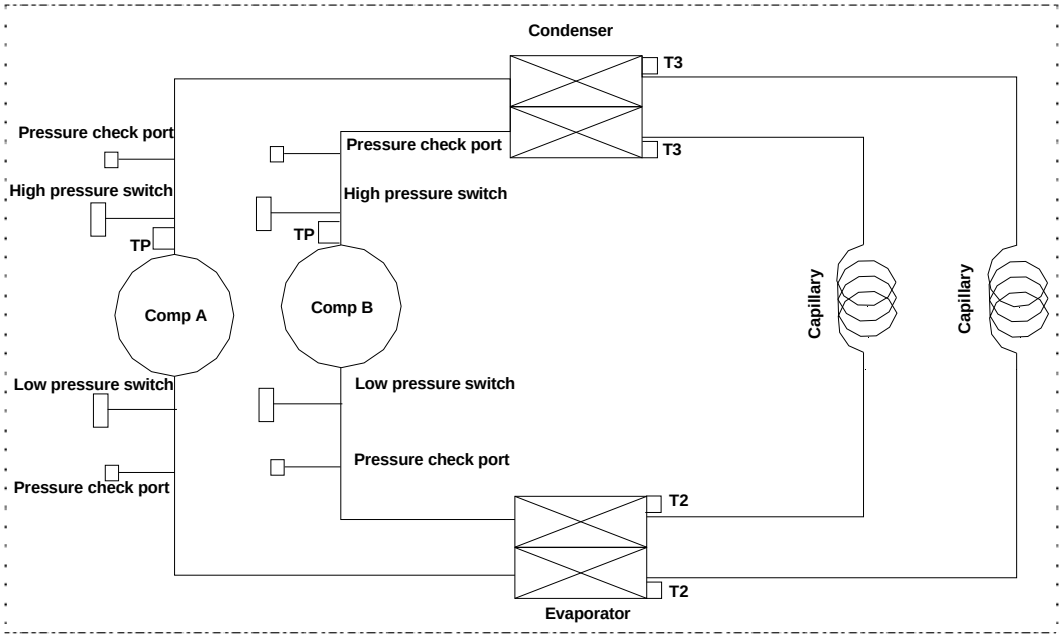
the red line is the static pressure curve of the EAH unit.

12. Refrigerant Cycle Diagram

12.1 6.2ton Cooling only + EAH type:



12.2 7.5ton and above Cooling only + EAH type:



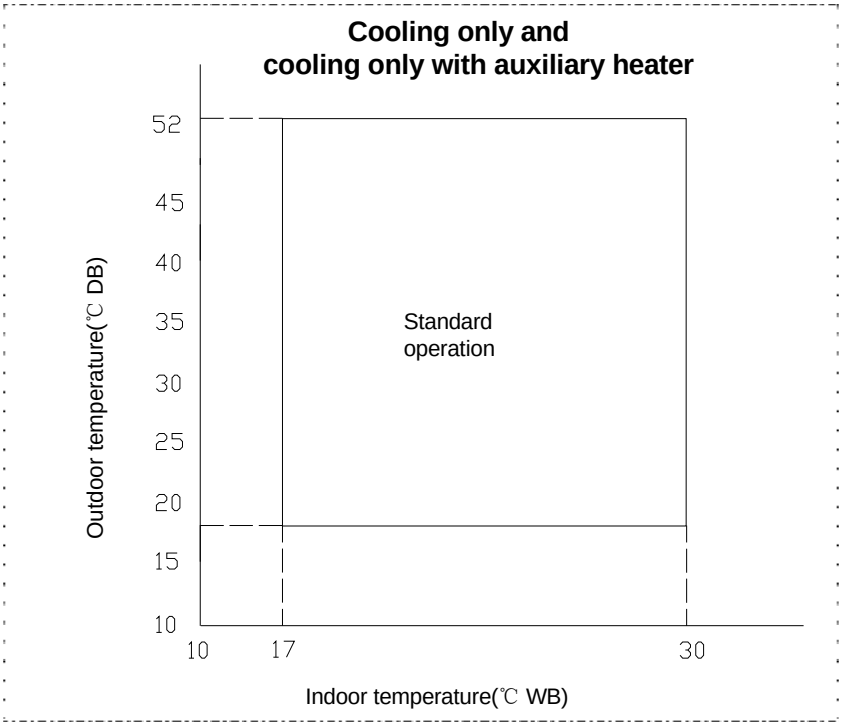
TP: Compressor discharge temperature sensor in system A and B

T2: Indoor coil temperature sensor in system A and B

T3: Outdoor coil temperature sensor in system A and B

13. Operation Limit

Cooling only and cooling with auxiliary heater



Mode \ Temperature	Outdoor temperature	Indoor temperature
Without auxiliary electric heater mode	18℃～52℃	17℃～30℃
With auxiliary electric heater mode	--	17℃～30℃

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