

Service Manual

Air Conditioner



Indoor Unit
CS-PC30JKF-5
CS-PC36JKF-5

Outdoor Unit
CU-PC30JKF-5
CU-PC36JKF-5



Please file and use this manual together with the service manual for Model No. CS-PC30JKF CU-PC30JKF CS-PC36JKF CU-PC36JKF, Order No. PHAAM0812044C3.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.



PRECAUTION OF LOW TEMPERATURE



In order to avoid frostbite, be assured of no refrigerant leakage during the installation or repairing of refrigerant circuit.

TABLE OF CONTENTS


	PAGE	PAGE
1. Safety Precautions	3	
2. Specification	5	
3. Refrigeration Cycle Diagram	7	
3.1 CS-PC30JKF-5 CU-PC30JKF-5.....	7	
3.2 CS-PC36JKF-5 CU-PC36JKF-5.....	8	
4. Technical Data	9	
4.1 Thermostat Characteristics	9	
4.2 Operation Characteristics.....	10	
4.3 Discharge and Suction Pressure.....	14	
5. Exploded View and Replacement Parts		
List	15	
5.1 Indoor Unit	15	
5.2 Outdoor Unit	17	

1. Safety Precautions






- Read the following "SAFETY PRECAUTIONS" carefully before perform any servicing.
- Electrical work must be installed or serviced by a licensed electrician. Be sure to use the correct rating of the power plug and main circuit for the model installed.
- The caution items stated here must be followed because these important contents are related to safety. The meaning of each indication used is as below. Incorrect installation or servicing due to ignoring of the instruction will cause harm or damage, and the seriousness is classified by the following indications.

 WARNING	This indication shows the possibility of causing death or serious injury
 CAUTION	This indication shows the possibility of causing injury or damage to properties.


- The items to be followed are classified by the symbols:

	This symbol denotes item that is PROHIBITED from doing.
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- Carry out test run to confirm that no abnormality occurs after the servicing. Then, explain to user the operation, care and maintenance as stated in instructions. Please remind the customer to keep the operating instructions for future reference.

 WARNING	
1. Do not modify the machine, part, material during repairing service.	
2. If wiring unit is supplied as repairing part, do not repair or connect the wire even only partial wire break. Exchange the whole wiring unit.	
3. Do not wrench the fasten terminal. Pull it out or insert it straightly.	
4. Engage dealer or specialist for installation and servicing. If installation of servicing done by the user is defective, it will cause water leakage, electrical shock or fire.	
5. Install according to this installation instructions strictly. If installation is defective, it will cause water leakage, electric shock or fire.	
6. Use the attached accessories parts and specified parts for installation and servicing. Otherwise, it will cause the set to fall, water leakage, fire or electrical shock.	
7. Install at a strong and firm location which is able to withstand the set's weight. If the strength is not enough or installation is not properly done, the set will drop and cause injury.	
8. For electrical work, follow the local national wiring standard, regulation and the installation instruction. An independent circuit and single outlet must be used. If electrical circuit capacity is not enough or defect found in electrical work, it will cause electrical shock or fire.	
9. This equipment is strongly recommended to install with Earth Leakage Circuit Breaker (ELCB) or Residual Current Device (RCD). Otherwise, it may cause electrical shock and fire in case equipment breakdown or insulation breakdown.	
10. Use the specified cable 1.5 mm ² (1.0 ~ 1.75HP) or 2.5mm ² (2.0 ~ 2.5HP), and connect tightly for indoor/outdoor connection. Connect tightly and clamp the cable so that no external force will be acted on the terminal. If connection or fixing is not perfect, it will cause heat-up or fire at the connection.	
11. Wire routing must be properly arranged so that control board cover is fixed properly. If control board cover is not fixed perfectly, it will cause heat-up or fire at the connection point of terminal, fire or electrical shock.	
12. When carrying out piping connection, take care not to let air substances other than the specified refrigerant go into refrigeration cycle. Otherwise, it will cause lower capacity, abnormal high pressure in the refrigeration cycle, explosive and injury.	
13. Do not install outdoor unit near handrail of veranda. When installing air-conditioner unit at veranda of high rise building, child may climb up to outdoor unit and cross over the handrail and causing accident.	
14. This equipment must be properly earthed. Earth line must not be connected to gas pipe, water pipe, earth of lightning rod and telephone. Otherwise, it may cause electric shock in case equipment breakdown or insulation breakdown.	
15. Keep away from small children, the thin film may cling to nose and mouth and prevent breathing.	
16. Do not damage or use unspecified power supply cord. Otherwise it will cause fire or electric shock.	
17. Do not modify the length of the power supply cord or use extension cord, and do not share the single outlet with other electric appliances. Otherwise, it will cause fire or electric shock.	
18. In case of using existing (R22) pipes during installation of R410 models, must carry out pump down properly to collect back the refrigerant and oil before installation new unit. Thickness of copper pipes used with R410A must be more than 0.6mm. Never use copper pipes thinner than 0.6mm. It is desirable that the amount of residual oil is less than 40 mg/10m.	
19. During installation, before run the compressor, confirm the refrigerant pipes are fixed. Operation of compressor without fixing the piping, setting the valves at open condition, a burst may occur and cause injury.	
20. During pump down operation, stop the compressor before remove the refrigerant piping. When remove piping while valves at open condition, burst may occur and cause injury.	

21. After completion of installation or service, confirm there is no leakage or refrigerant gas. It may generate toxic gas when the refrigerant contacts with fire.	
22. Ventilate if there is refrigerant gas leakage during operation. It may cause toxic gas when refrigerant contacts with fire.	
23. Do not insert your fingers or other objects into the unit, high speed rotating fan may cause injury.	⊘
24. Must not use other parts except original parts describe in catalog and manual.	
25. Using of refrigerant other than the specified type may cause product damage, burst and injury etc.	

 CAUTION	
1. Do not install the unit at place where leakage of flammable gas may occur. In case gas leaks and accumulates at surrounding of the unit, it may cause fire.	⊘
2. Carry out drainage piping as mentioned in installation instructions. If drainage is not perfect, water may enter the room and damage the furniture.	
3. Tighten the flare nut with torque wrench according to specified method. If the flare nut is over-tightened, after a long period, the flare may break and cause refrigerant gas leakage.	
4. Do not touch outdoor unit air inlet and aluminium fin. It may cause injury.	⊘
5. Select an installation location which is easy for maintenance.	
6. Pb free solder has a higher melting point than standard solder; typically the melting point is 50°F – 70°F (30°C – 40°C) higher. Please use a high temperature solder iron. In case of the soldering iron with temperature control, please set it to 700 ± 20°F (370 ± 10°C). Pb free solder will tend to splash when heated too high (about 1100°F / 600°C).	
7. Power supply connection to the air conditioner. Connect the power supply cord of the air conditioner to the mains using one of the following methods. Power supply point shall be the place where there is ease for access for the power disconnection in case of emergency. In some countries, permanent connection of this room air conditioner to the power supply is prohibited. i. Power supply connection to the receptacle using a power plug. Use an approved 15/16A (1.0 ~ 1.75HP) or 16A (2.0HP) or 20A (2.5HP) power plug with earth pin for the connection to the socket. ii. Power supply connection to a circuit breaker for the permanent connection. Use an approved 16A (1.0 ~ 2.0HP) or 20A (2.5HP) circuit breaker for the permanent connection. It must be a double pole switch with a minimum 3.0 mm contact gap.	
8. Do not release refrigerant during piping work for installation, servicing, reinstallation and during repairing a refrigerant parts. Take care of the liquid refrigerant, it may cause frostbite.	⊘
9. Installation or servicing work: It may need two people to carry out the installation or servicing work.	
10. Do not install this appliance in a laundry room or other location where water may drip from the ceiling, etc.	⊘
11. Do not sit or step on the unit, you may fall down accidentally.	⊘
12. Do not touch the sharp aluminium fin, sharp parts may cause injury. If you are required to handle sharp parts during installation or servicing, please wear hand glove. Sharp parts may cause injury.	⊘

2. Specification

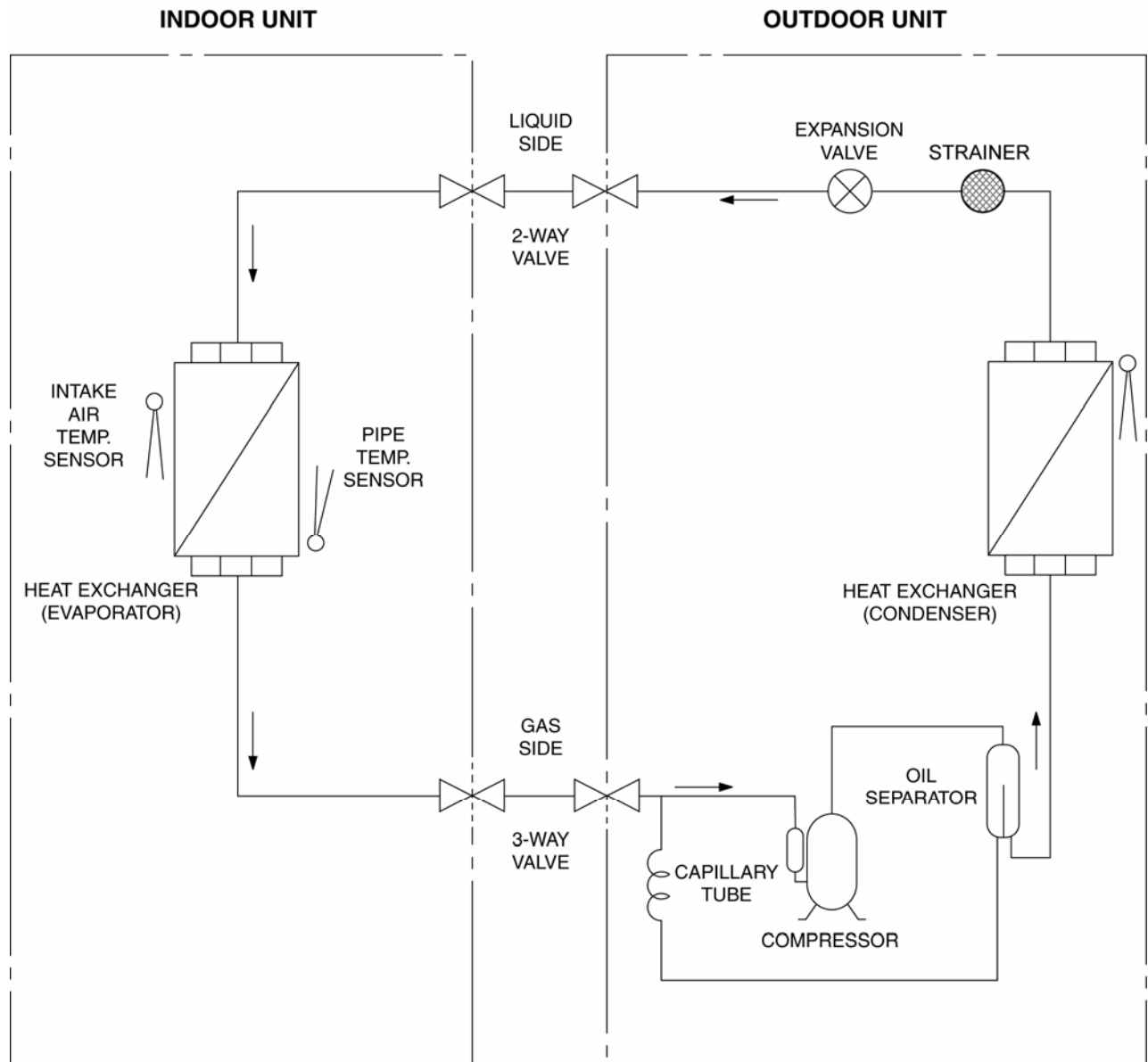
Model			Indoor	CS-PC30JKF-5	CS-PC36JKF-5	
			Outdoor	CU-PC30JKF-5	CU-PC36JKF-5	
Performance Test Condition				ISO 5151 (T3)	ISO 5151 (T3)	
Power Supply			Phase, Hz	Single, 50	Single, 50	
			V	230	230	
Cooling	Capacity		kW	6.92	8.84	
			BTU/h	23600	30200	
			kJ/h	24910	31820	
	Running Current		A	15.5	18.5	
	Input Power		W	3510	3920	
	EER STAR		Star	5	3	
	EER		W/W	1.97	2.26	
			Btu/hW	6.72	7.70	
	Power Factor		%	98	92	
	Indoor Noise (H / L)		dB-A	49 / 44	50 / 45	
			Power Level dB	-	-	
	Outdoor Noise (H / L)		dB-A	54 / -	55 / -	
			Power Level dB	-	-	
Max Current (A) / Max Input Power (W)			21.2 / 4350	24.0 / 4650		
Starting Current (A)			74	114.0		
Compressor	Type			Hermetic Motor (Rotary)	Scroll Motor	
	Motor Type			Induction (2-poles)	Brushless (2-poles)	
	Output Power		W	2400	3000	
Indoor Fan	Type			Cross-Flow Fan	Cross-Flow Fan	
	Material			ASG30K1 or ASG32K1	ASG30K1 or ASG32K1	
	Motor Type			PWM (2-poles)	PWM (2-poles)	
	Input Power		W	-	-	
	Output Power		W	60	60	
	Speed	QLo	rpm	-	-	
		Lo	rpm	1070	1120	
		Me	rpm	1170	1220	
		Hi	rpm	1270	1320	
SHi		rpm	-	-		
Outdoor Fan	Type			Propeller Fan	Propeller Fan	
	Material			PP Resin	PP Resin	
	Motor Type			Tap (6-poles)	Tap (6-poles)	
	Input Power		W	163	163	
	Output Power		W	73	70 × 2	
	Speed	Hi	rpm	710	795	
Moisture Removal			L/h (Pt/h)	2.1 (4.4)	3.7 (7.8)	
Indoor Airflow	Lo		m³/min (ft³/m)	16.9 (598)	17.8 (629)	
	Me		m³/min (ft³/m)	18.5 (654)	19.4 (685)	
	Hi		m³/min (ft³/m)	20.1 (710)	21.0 (740)	
	SHi		m³/min (ft³/m)	-	-	
Outdoor Airflow			Hi	m³/min (ft³/m)	53.5 (1890)	100.8 (3560)
Refrigeration Cycle	Control Device			Expansion Valve	Expansion Valve	
	Refrigerant Oil		cm³	Atmos M60 or Suniso 4GDID (900cm³)	Atmos M60 or Suniso 4GDID	
	Refrigerant Type		g (oz)	R22, 2150 (75.9)	R22, 2200 (77.7)	

Model		Indoor	CS-PC30JKF-5		CS-PC36JKF-5	
		Outdoor	CU-PC30JKF-5		CU-PC36JKF-5	
Dimension	Height(I/D / O/D)	mm (inch)	340 (13-13/32) / 795 (31-5/16)		340 (13-13/32) / 1170 (46-3/32)	
	Width (I/D / O/D)	mm (inch)	1150 (45-9/32) / 900 (35-7/16)		1150 (44-9/32) / 900 (35-7/16)	
	Depth (I/D / O/D)	mm (inch)	290 (11-13/32) / 320 (12-5/8)		290 (11-13/32) / 320 (15-5/8)	
Weight	Net (I/D / O/D)	kg (lb)	18 (40) / 70.0 (154)		18 (40) / 88 (194)	
Piping	Pipe Diameter (Liquid / Gas)	mm (inch)	9.52 (3/8) / 15.88 (5/8)		9.52 (3/8) / 19.05 (3/4)	
	Standard Length	m (ft)	5.0 (16.4)		5.0 (16.4)	
	Length Range (min – max)	m (ft)	3 ~ 30 (9.8 ~ 98.4)		3 ~ 30 (9.8 ~ 98.4)	
	I/D & O/D Height Different	m (ft)	20 (65.6)		20 (65.6)	
	Additional Gas Amount	g/m (oz/ft)	30 (0.3)		40 (0.4)	
	Length for Additional Gas	m (ft)	7.5 (24.6)		7.5 (24.6)	
Drain Hose	Inner Diameter	mm	16		16	
	Length	mm	650		650	
Indoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)		Aluminium (Pre Coat)	
	Fin Type		Corrugated Fin		Corrugated Fin	
	Row x Stage x FPI		2 × 14 × 18		2 × 14 × 17	
	Size (W x H x L)	mm	44 × 355.6 × 880		44 × 355.6 × 880	
Outdoor Heat Exchanger	Fin Material		Aluminium (Blue Coat)		Aluminium (Blue Coat)	
	Fin Type		Corrugated Fin		Slit Fin	
	Row x Stage x FPI		2 × 30 × 17		2 × 54 × 18	
	Size (W x H x L)	mm	44 × 762 × 782.5 817.5		25.4 × 1134 × 854.7 874.7	
Air Filter	Material		PP Honey Comb		PP Honey Comb	
	Type		One-Touch		One-Touch	
Power Supply			Outdoor		Outdoor	
Power Supply Cord		A	-		-	
Thermostat			-		-	
Protection Device			-		-	
			DRY BULB	WET BULB	DRY BULB	WET BULB
Indoor Operation Range		Maximum	32	23	32	23
		Minimum	16	11	16	11
Outdoor Operation Range		Maximum	55	31	55	31
		Minimum	16	11	16	11

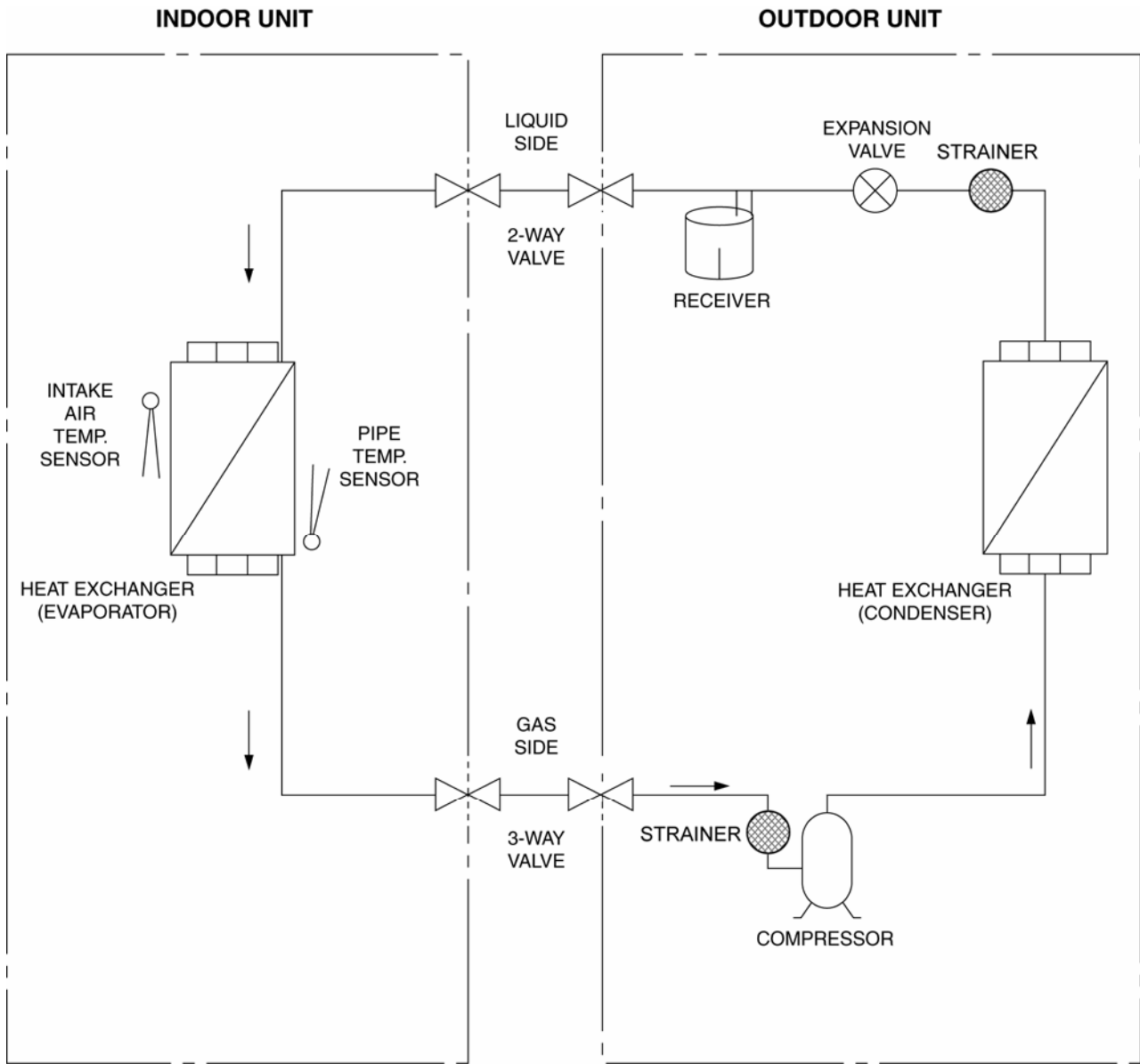
- Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C Dry Bulb (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb).
- Specifications are subjected to change without prior notice for further improvement.

3. Refrigeration Cycle Diagram

3.1 CS-PC30JKF-5 CU-PC30JKF-5



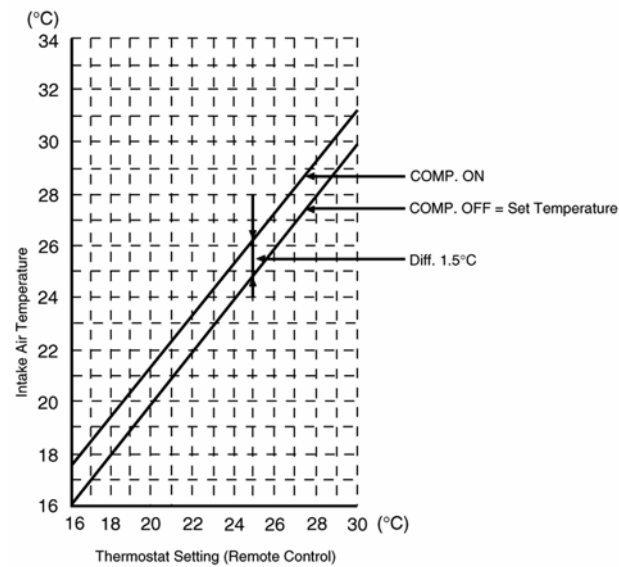
3.2 CS-PC36JKF-5 CU-PC36JKF-5



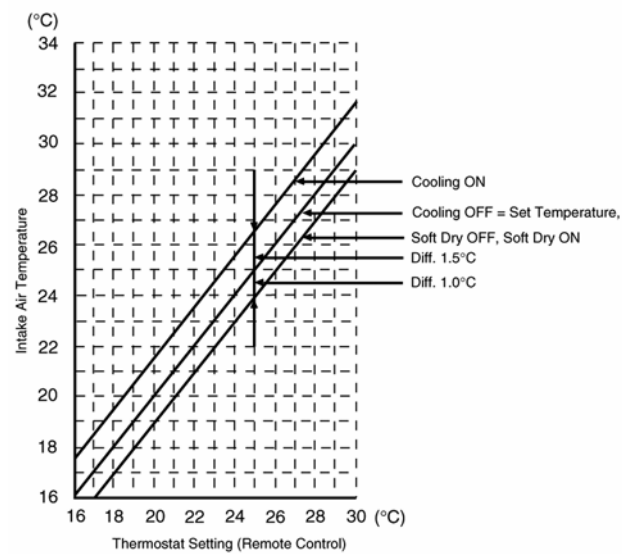
4. Technical Data

4.1 Thermostat Characteristics

Cooling



Soft Dry

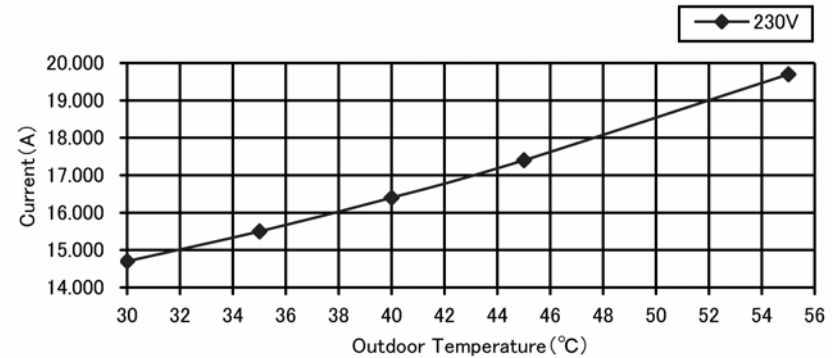
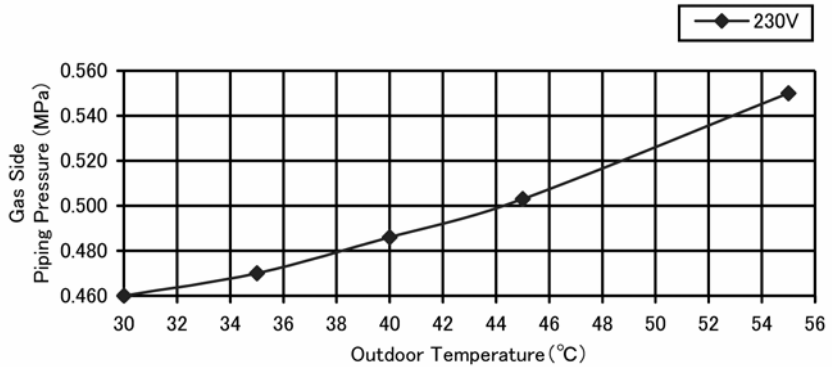
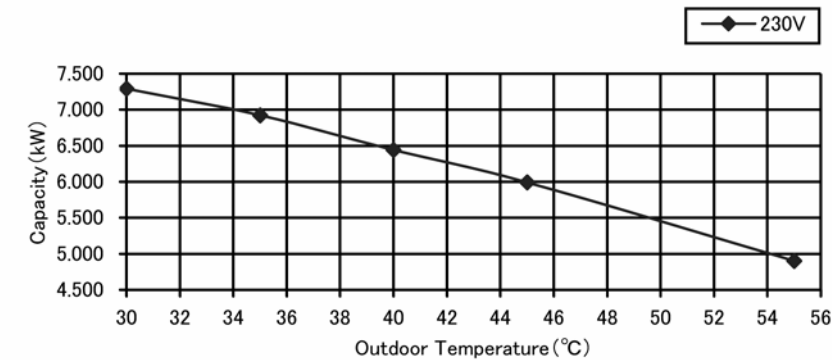
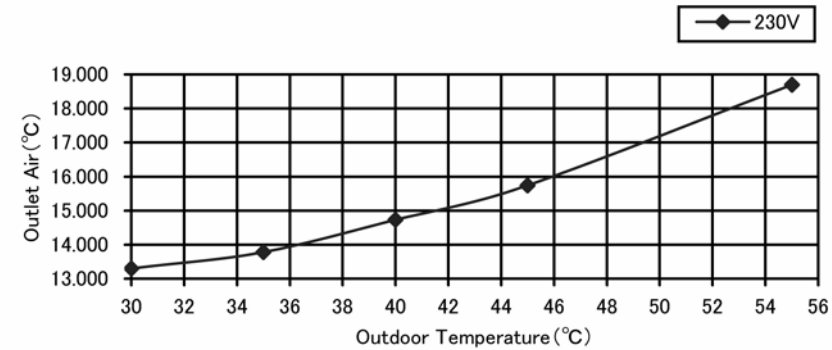


4.2 Operation Characteristics

4.2.1 CS-PC30JKF-5 CU-PC30JKF-5

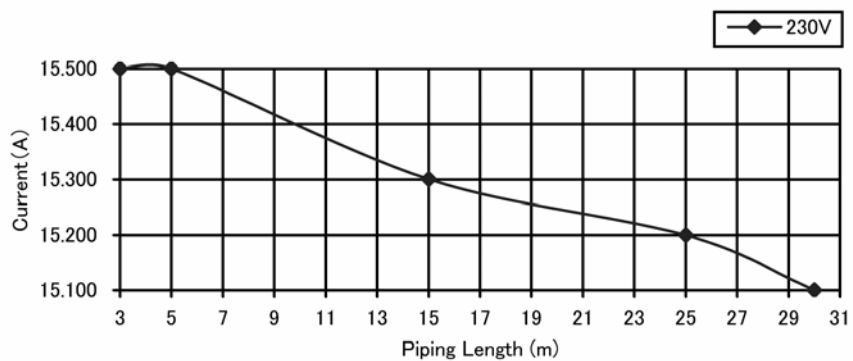
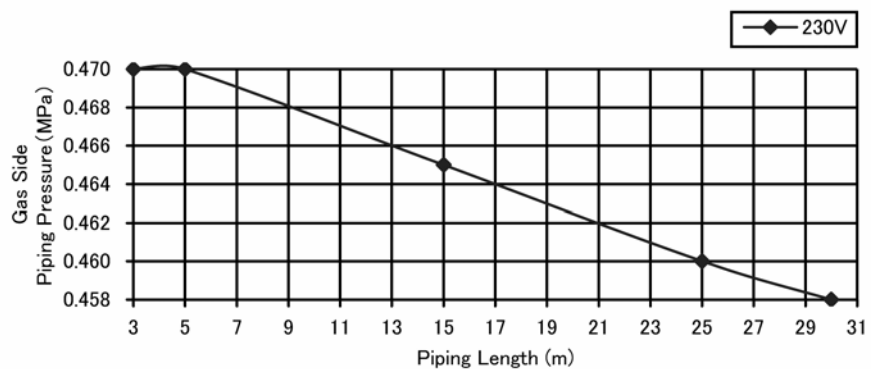
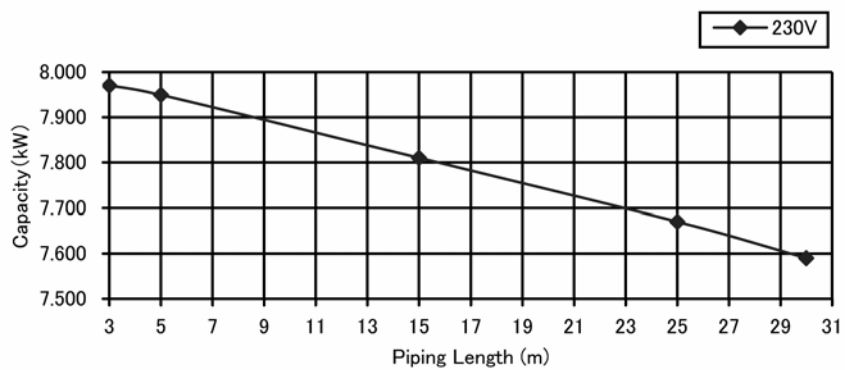
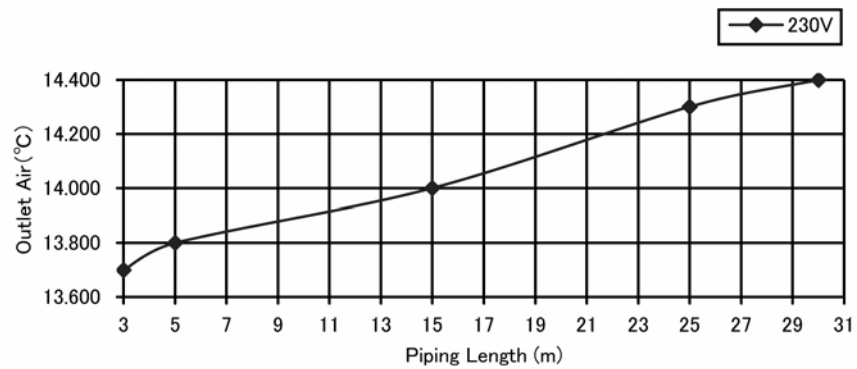
• Cooling Characteristics

[Condition] Room temperature: 27/19°C
Operation condition: High fan speed
Piping length: 5 m



- Piping Length Characteristics**

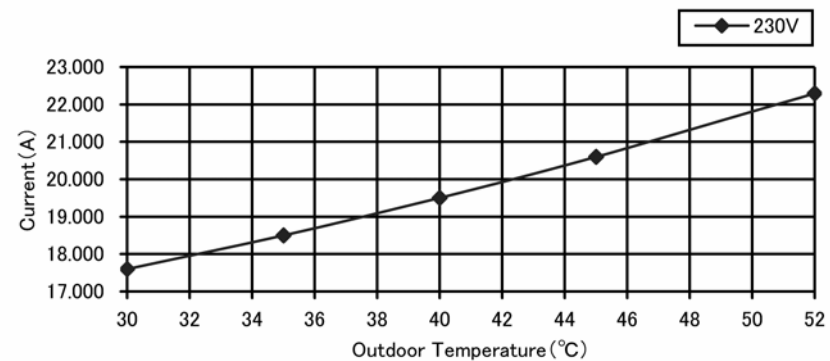
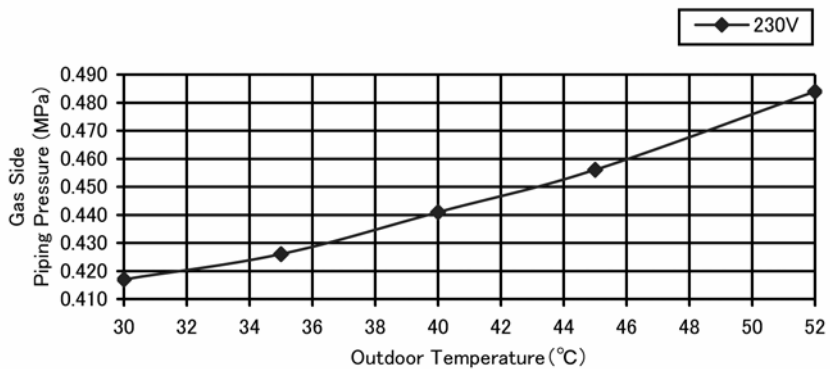
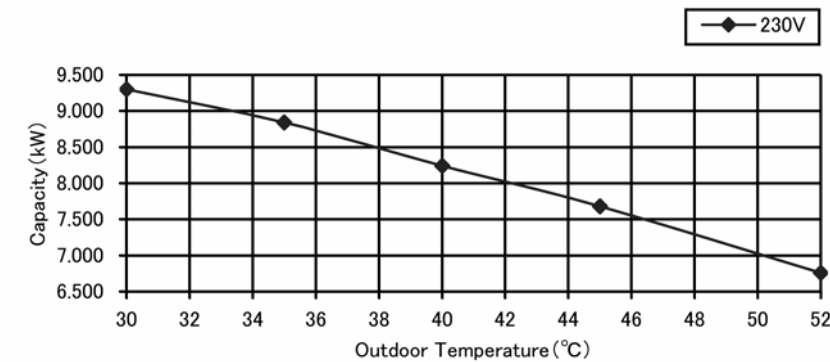
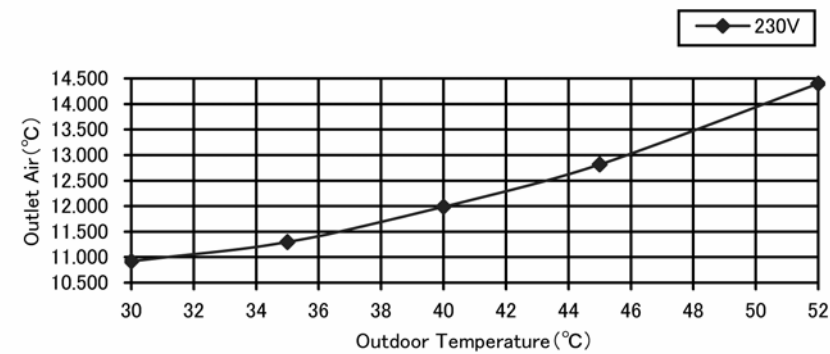
[Condition] Room temperature: 27/19°C
 Operation condition: High fan speed
 Outdoor temperature: 35°C



4.2.2 CS-PC36JKF-5 CU-PC36JKF-5

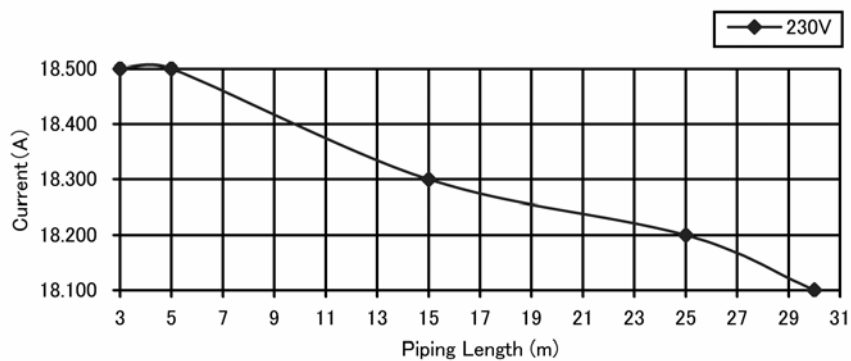
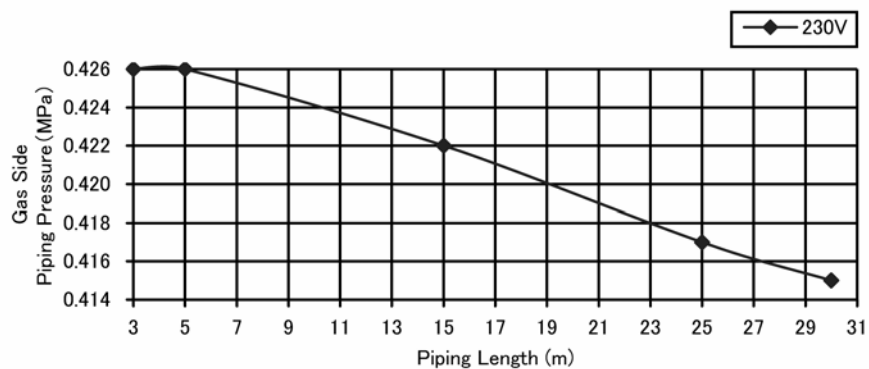
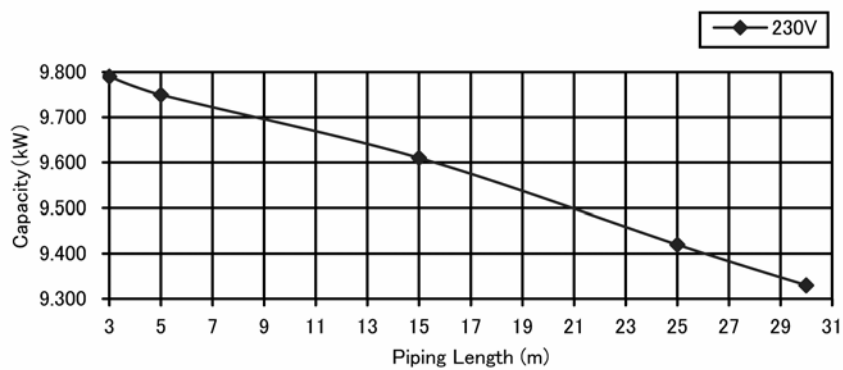
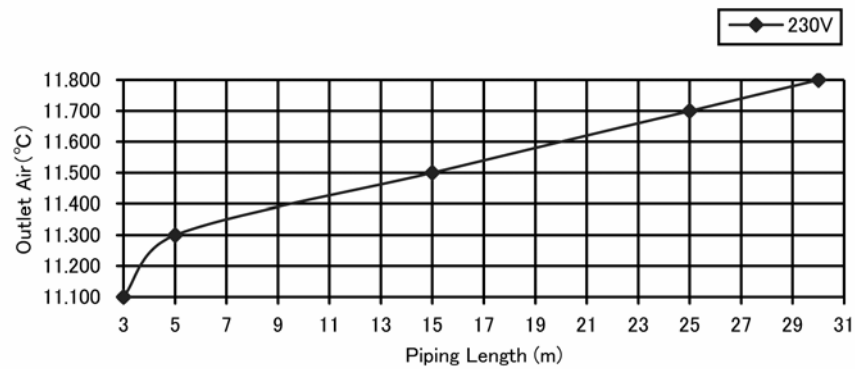
Cooling Characteristics

[Condition] Room temperature: 27/19°C
Operation condition: High fan speed
Piping length: 25 m



- Piping Length Characteristics**

[Condition] Room temperature: 27/19°C
 Operation condition: High fan speed
 Outdoor temperature: 35°C



4.3 Discharge and Suction Pressure

4.3.1 CS-PC30JKF-5 CU-PC30JKF-5

Power source : 230V, 50Hz, 1 phase

ID WB °C	OUTDOOR AMBIENT TEMPERATURE											
	10°C		20°C		30°C		40°C		50°C		55°C	
	Pdis	Tsdis	Pdis	Tsdis	Pdis	Tsdis	Pdis	Tsdis	Pdis	Tsdis	Pdis	Tsdis
	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C
16	1.29	35.9	1.38	38.6	1.55	43.0	1.85	50.0	2.39	61.2	2.75	67.7
18	1.31	36.7	1.41	39.4	1.59	44.0	1.95	52.4	2.52	63.6	2.99	71.5
20	1.36	38.1	1.46	40.8	1.65	45.5	2.01	53.7	2.6	65.0	3.00	71.7
22	1.39	38.9	1.5	41.8	1.68	46.2	2.03	54.1	2.62	65.3	3.02	72.0

ID WB °C	OUTDOOR AMBIENT TEMPERATURE											
	10°C		20°C		30°C		40°C		50°C		55°C	
	Psuc	Tssuc	Psuc	Tssuc	Psuc	Tssuc	Psuc	Tssuc	Psuc	Tssuc	Psuc	Tssuc
	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C
16	0.39	-0.6	0.40	0.3	0.41	0.9	0.42	1.2	0.56	0.9	0.68	14.5
18	0.40	0.3	0.42	1.2	0.44	2.7	0.45	3.2	0.59	10.4	0.71	15.8
20	0.42	1.2	0.44	2.7	0.47	4.3	0.48	4.9	0.62	11.8	0.73	16.6
22	0.45	3.2	0.47	4.3	0.5	5.7	0.52	7.0	0.65	13.2	0.75	17.4

4.3.2 CS-PC36JKF-5 CU-PC36JKF-5

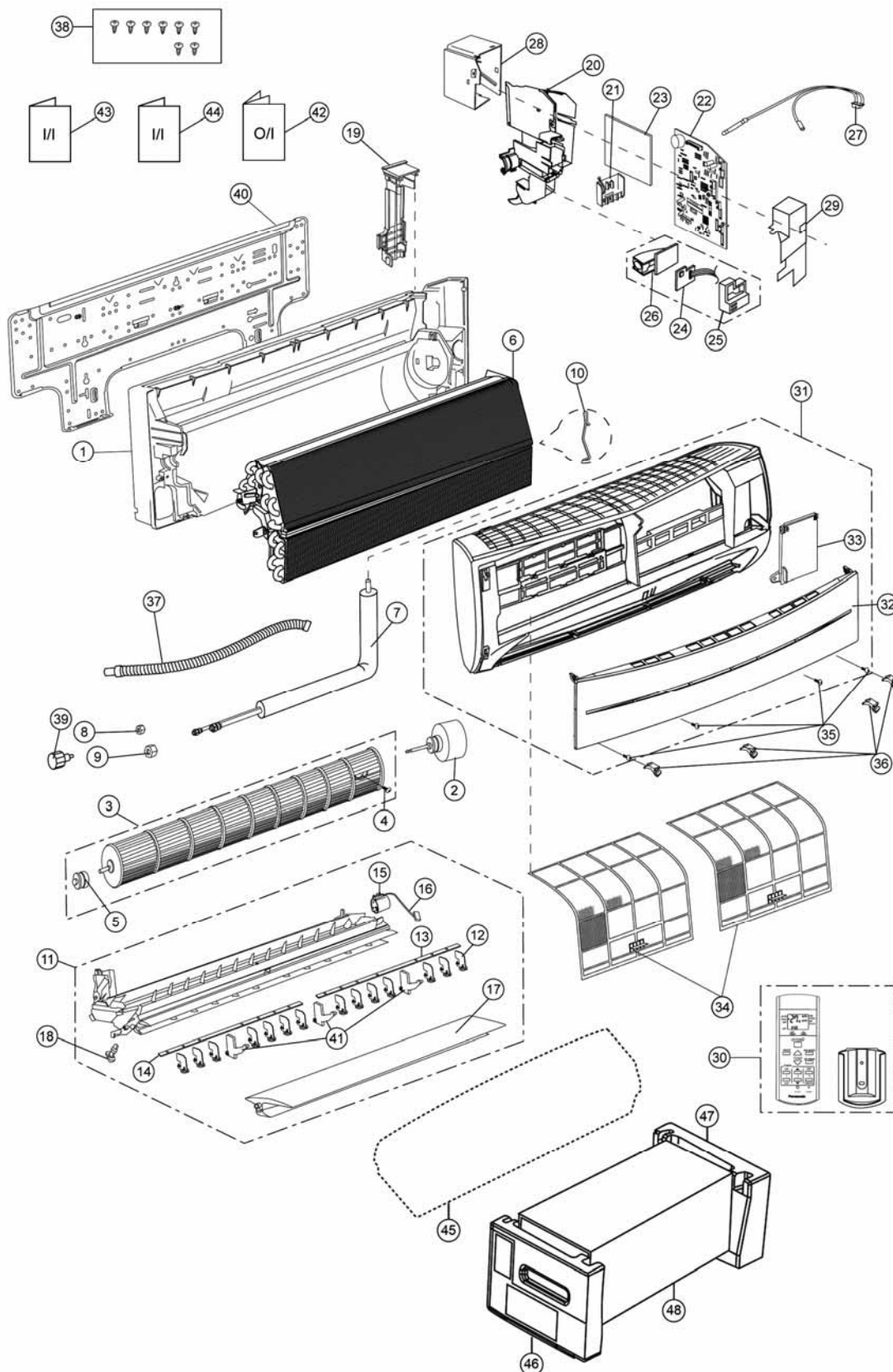
Power source : 230V, 50Hz, 1 phase

ID WB °C	OUTDOOR AMBIENT TEMPERATURE											
	10°C		20°C		30°C		40°C		50°C		52°C	
	Pdis	Tsdis	Pdis	Tsdis	Pdis	Tsdis	Pdis	Tsdis	Pdis	Tsdis	Pdis	Tsdis
	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C
16	1.32	36.9	1.37	38.4	1.47	41.0	1.9	51.3	2.47	62.6	2.63	65.5
18	1.35	37.7	1.40	39.2	1.49	41.5	1.92	51.8	2.49	63.1	2.65	65.8
20	1.37	38.4	1.42	39.7	1.53	42.5	1.94	52.2	2.51	63.3	2.67	66.2
22	1.39	38.8	1.44	40.2	1.60	44.3	1.95	52.4	2.53	63.8	2.68	66.3

ID WB °C	OUTDOOR AMBIENT TEMPERATURE											
	10°C		20°C		30°C		40°C		50°C		52°C	
	Psuc	Tssuc	Psuc	Tssuc	Psuc	Tssuc	Psuc	Tssuc	Psuc	Tssuc	Psuc	Tssuc
	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C	Mpa	°C
16	0.35	-3.1	0.36	-2.4	0.37	-1.5	0.4	0.3	0.52	7.0	0.56	9.0
18	0.36	-2.4	0.38	-0.9	0.4	0.3	0.42	1.2	0.54	7.7	0.57	9.5
20	0.4	0.3	0.41	0.9	0.43	2.1	0.44	2.7	0.56	9.0	0.59	10.4
22	0.42	1.2	0.44	2.7	0.46	3.8	0.48	4.9	0.59	10.4	0.62	11.8

5. Exploded View and Replacement Parts List

5.1 Indoor Unit



Note

The above exploded view is for the purpose of parts disassembly and replacement.
The non-numbered parts are not kept as standard service parts.

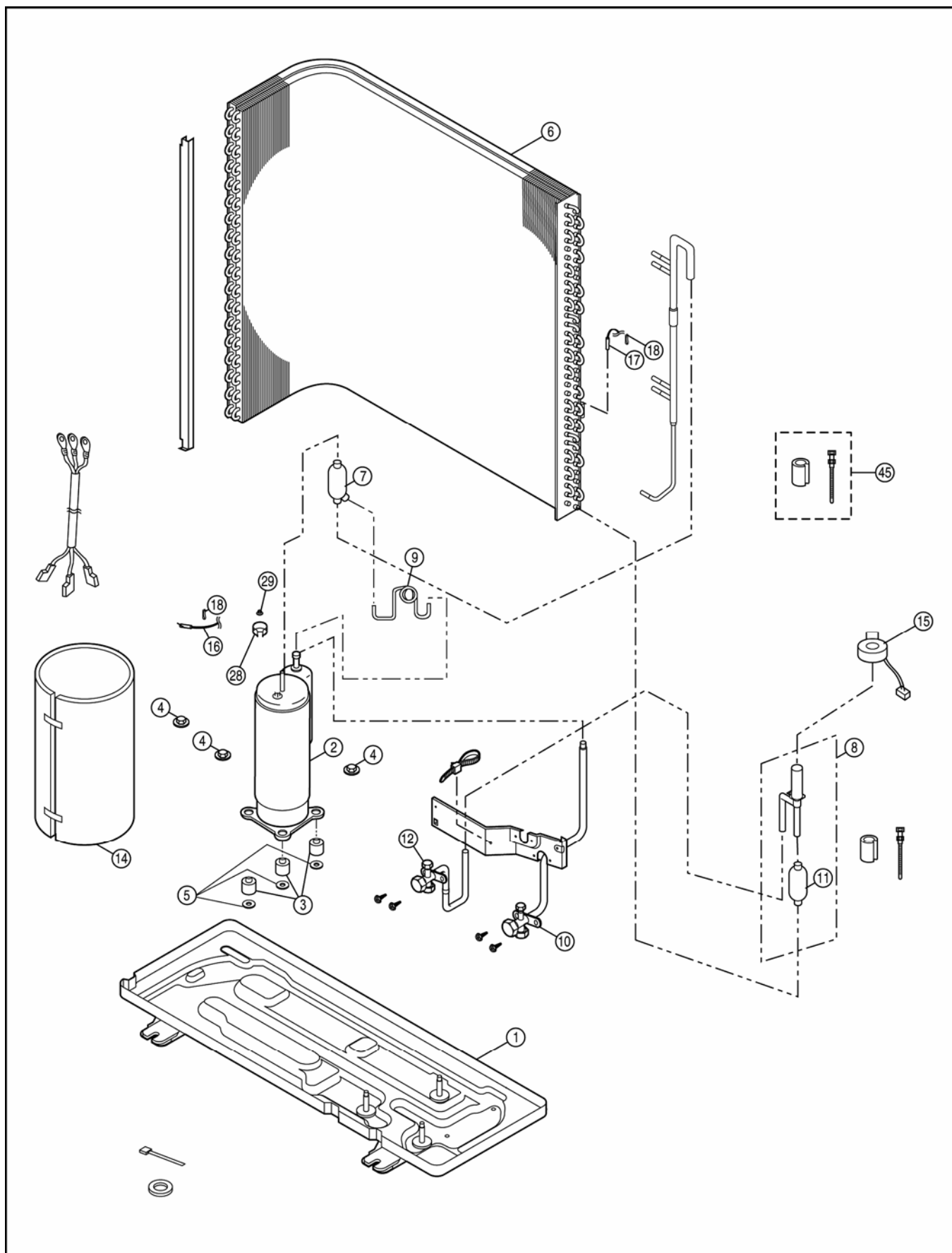
REF NO.	PART NAME & DESCRIPTION	QTY.	CS-PC30JKF-5	CS-PC36JKF-5	REMARK
1	CHASSY COMPLETE	1	CWD50C1477	←	
2	FAN MOTOR DC 60W 3PH	1	ARW42A8P60AC	←	O
3	CROSS FLOW FAN COMPLETE	1	CWH02C1044	←	
4	SCREW - CROSS FLOW FAN	1	CWH551146	←	
5	BEARING ASS'Y	1	CWH64C1005	←	
6	EVAPORATOR COMPLETE	1	CWB30C2984	CWB30C2533	
7	TUBE ASS'Y COM	1	CWT01C3689	CWT01C3637	
8	FLARE NUT (3/8)	1	CWT25005	←	
9	FLARE NUT (5/8)	1	CWT25004	←	
10	INTAKE AIR SENSOR HOLDER	1	CWH32143	←	
11	DISCHARGE GRILLE COMPLETE	1	CWE20C2492	←	
12	VERTICAL VANE	14	CWE241196	←	
13	CONNECTING BAR	1	CWE261094	←	
14	CONNECTING BAR	1	CWE261095	←	
15	A.S.MOTOR,DC SINGLE 12V 300OHM	1	CWA981154J	←	O
16	LEAD WIRE - AIR SWING MOTOR	1	CWA67C6023	←	
17	HORIZONTAL VANE	1	CWE24C1150	←	
18	CAP - DRAIN TRAY	1	CWH4612103	←	
19	BACK COVER-CHASSIS	1	CWD932631	←	
20	CONTROL BOARD CASING	1	CWH102299	←	
21	TERMINAL BOARD COMPLETE	1	CWA28C2375	←	O
22	ELECTRONIC CONTROLLER - MAIN	1	CWA73C2130	CWA73C2131	O
23	ELECTRONIC CONTROLLER - POWER	1	CWA744089	←	
24	ELEC.CONT.-INDICATOR AND RCVR	1	CWE39C1203	←	O
25	INDICATOR HOLDER	1	CWD933122	←	
26	INDICATOR HOLDER	1	CWD933123	←	
27	SENSOR COMPLETE	1	CWA50C2356	←	O
28	CONTROL BOARD TOP COVER	1	CWH131265	←	
29	CONTROL BOARD FRONT COVER	1	CWH131266	←	
30	REMOTE CONTROL COMPLETE	1	CWA75C3399	←	O
31	FRONT GRILLE COMPLETE	1	CWE11C4278	←	
32	INTAKE GRILLE COMPLETE	1	CWE22C1575	←	
33	GRILLE DOOR	1	CWE14C1060	←	
34	AIR FILTER	2	CWD001193	←	
35	SCREW - FRONT GRILLE	4	XTT4+16CFJ	←	
36	CAP - FRONT GRILLE	4	CWH521142	←	
37	DRAIN HOSE	1	CWH85284	←	
38	BAG COMPLETE - INSTALLATION SCREW	1	CWH82C1423	←	
39	BAG COMPLETE -TUBE CONNECTER	1	CWH82C1425	←	
40	INSTALLATION PLATE	1	CWH361079	←	
41	FULCRUM	3	CWH621063	←	
42	OPERATING INSTRUCTION	1	CWF568343	←	
43	INSTALLATION INSTRUCTION	1	CWF613920	←	
44	INSTALLATION INSTRUCTION	1	CWF613923	←	
45	BAG	1	CWG861284	←	
46	SHOCK ABSORBER (L)	1	CWG713054	←	
47	SHOCK ABSORBER (R)	1	CWG713055	←	
48	C.C.CASE	1	CWG567891	CWG567892	

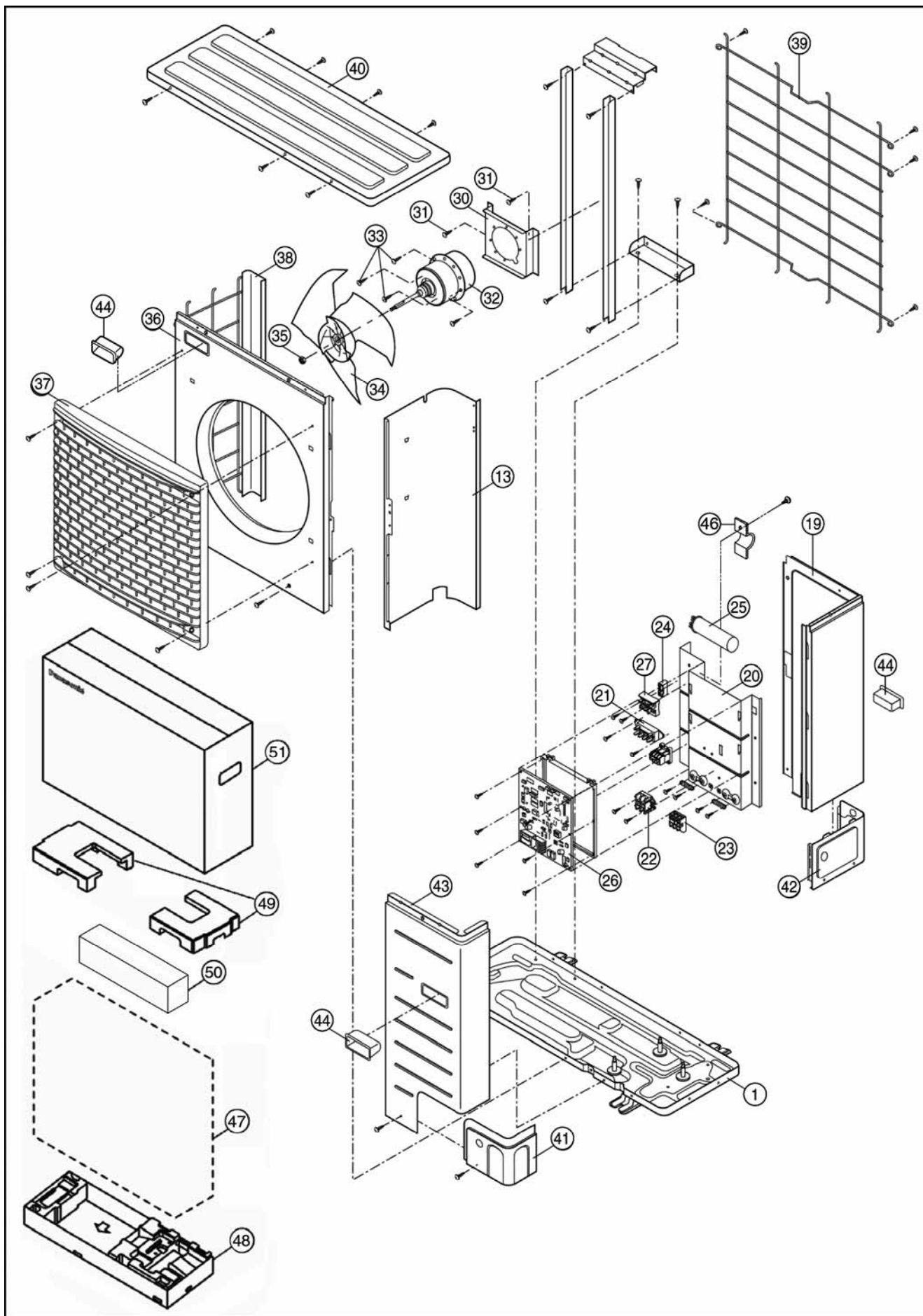
(Note)

- All parts are supplied from PHAAM, Malaysia (Vendor Code: 00029488).
- "O" marked parts are recommended to be kept in stock.

5.2 Outdoor Unit

5.2.1 CU-PC30JKF-5





Note

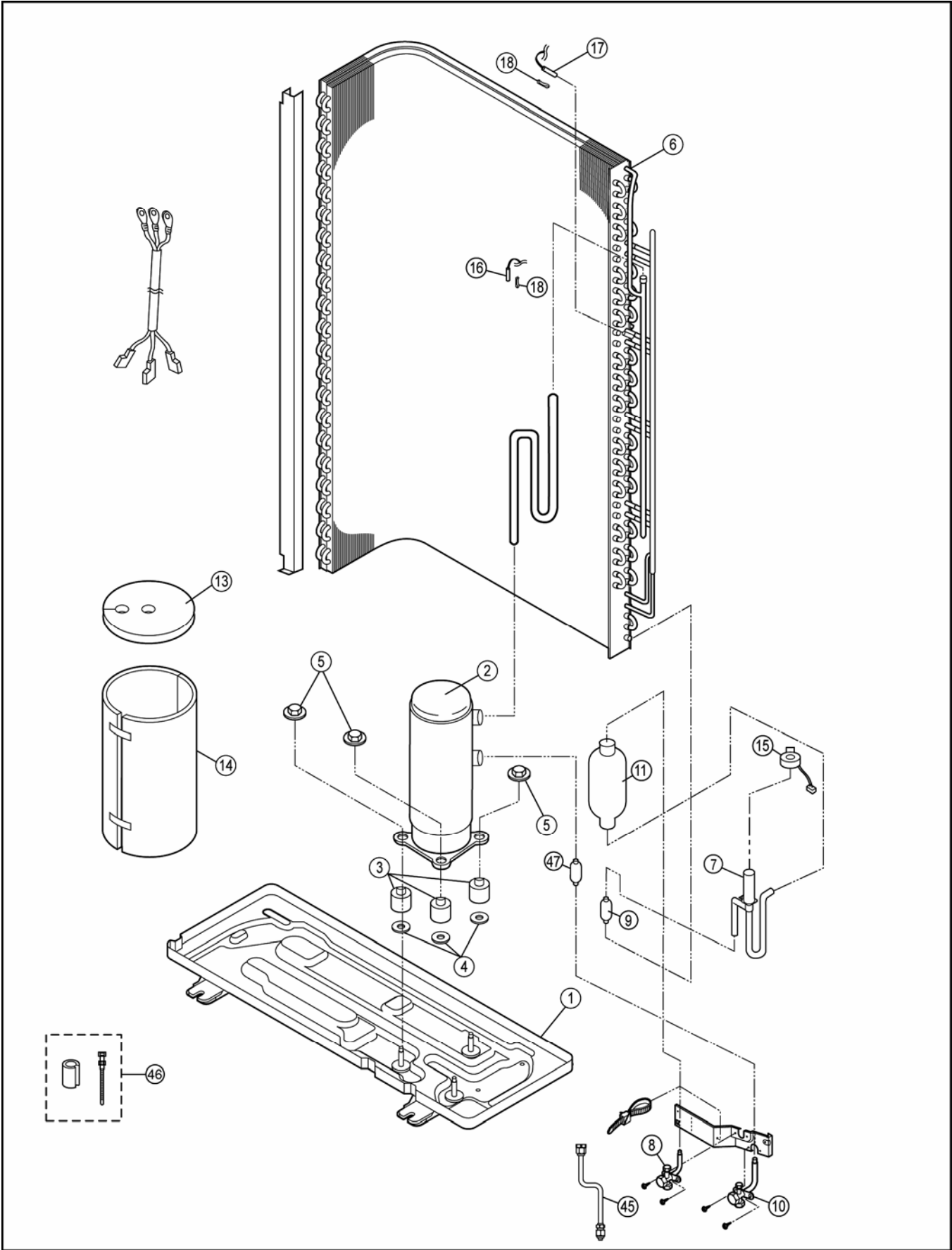
The above exploded view is for the purpose of parts disassembly and replacement.
The non-numbered parts are not kept as standard service parts.

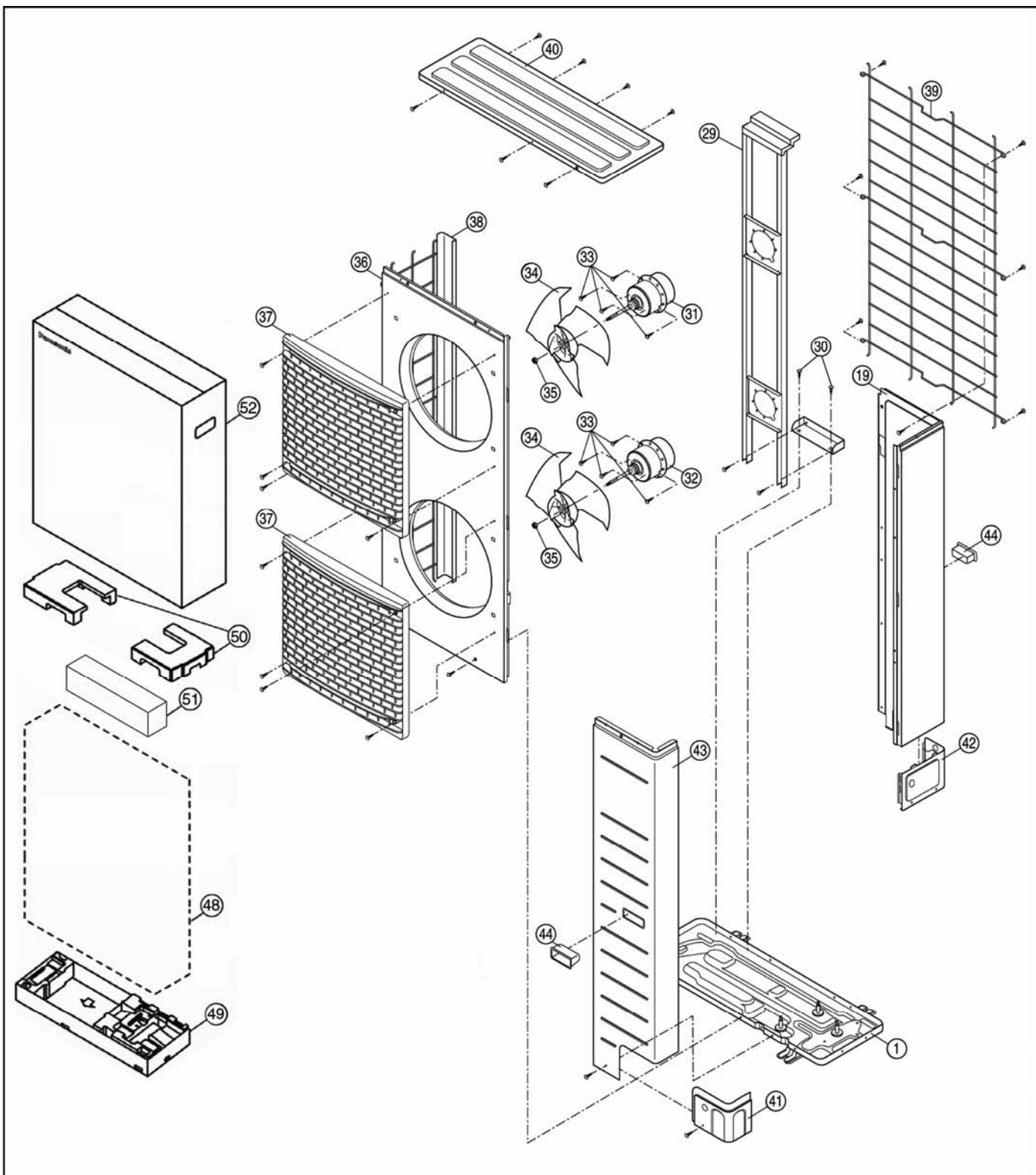
REF. NO.	DESCRIPTION & NAME	QTY.	CU-PC30JKF-5	REMARK
1	BASE PAN ASS'Y	1	CWD52K1102	
2	COMPRESSOR	1	2JD514D5AA03	O
3	ANTI-VIBRATION BUSHING	3	CWH50055	
4	NUT FOR COMP. MOUNT.	3	CWH561049	
5	GASKET FOR TERMINAL COVER	3	CWB811017	
6	CONDENSER COMPLETE	1	CWB32C1778	
7	OIL SEPARATER	1	CWB161011	
8	EXPANSION VALVE	1	CWB051018J	
9	TUBE ASS'Y.(CAP TUBE)	1	CWT024153	
10	3-WAYS VALVE(GAS)	1	CWB011429	O
11	STRAINER	1	CWB11061	
12	3-WAYS VALVE(LIQUID)	1	CWB011294	O
13	SOUND PROOF BOARD	1	CWH151078	
14	SOUND PROOF MATERIAL	1	CWG302372	
15	V-COIL COMPLETE	1	CWA43C2128J	
16	PIPING SENSOR (DISCHARGE)	1	CWA50C2406	
17	PIPING SENSOR (COIL)	1	CWA50C2292	
18	SPRING FOR SENSOR	2	CWH711010	
19	CABINET REAR PLATE CO.	1	CWE02C1033	
20	CONTROL BOARD ASSY	1	CWH10K1078	
21	MAGNET RELAYS	1	K6C3A8A00001	
22	TERMINAL BOARD ASSY	1	CWA28K1107	
23	TERMINAL BOARD ASSY	1	CWA28K1076J	
24	CAPACITOR-FAN MOTOR	1	DS461355QP-A	O
25	CAPACITOR-COMP.	1	DS441606CPNA	O
26	ELECTRONIC CONTROLLER-MAIN	1	CWA73C5711R	O
27	TRANSFORMER	1	CWA401060	
28	TERMINAL COVER	1	CWH171012	
29	NUT-TERMINAL COVER	1	CWH7080300J	
30	BRACKET FAN MOTOR	1	CWD54K1027	
31	SCREW-BRACKET FAN MOTOR	4	CWH551040J	
32	FAN MOTOR	1	CWA951658	O
33	SCREW-FAN MOTOR	4	CWH551040J	
34	PROPELLER FAN ASSY	1	CWH001019	
35	NUT - PROPELLER FAN	1	CWH561038J	
36	CABINET FRONT PLATE	1	CWE061118A	
37	DISCHARGE GRILLE	1	CWE201073	
38	CABINET SIDE PLATE ASSY	1	CWE04K1019A	
39	WIRE NET	1	CWD041100A	
40	CABINET TOP PLATE COMPLETE	1	CWE03C1097	
41	PIPE COVER (FRONT)	1	CWD601074A	
42	PIPE COVER (BACK)	1	CWD601081A	
43	CABINET FRONT PLATE COMP.	1	CWE06C1131	
44	HANDLE	1	CWE161008	
45	WIRING COVER AND BAND	1	CWH82C1105	
46	HOLDER CAPACITOR	1	CWH30071	
47	BAG	1	CWG86394	
48	BASE BOARD-COMPLETE	1	CWG62C1086	
49	SHOCK ABSORBER (LEFT RIGHT)	2	CWG712852	
50	SHOCK ABSORBER (MIDDLE)	1	CWG712854	
51	C.C.CASE	1	CWG567913	

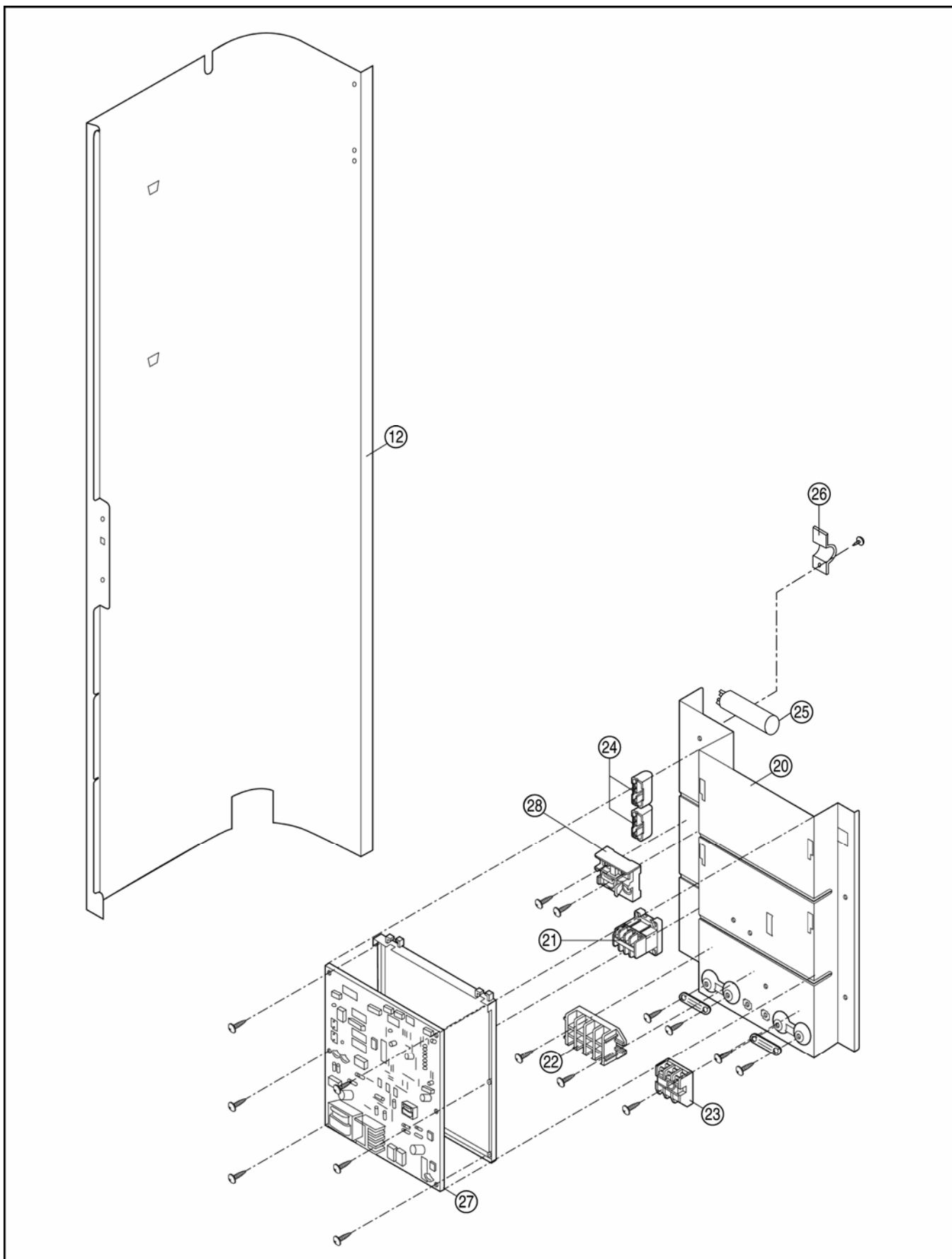
(Note)

- All parts are supplied from PHAAM, Malaysia (Vendor Code: 00029488).
- "O" marked parts are recommended to be kept in stock.

5.2.2 CU-PC36JKF-5







Note

The above exploded view is for the purpose of parts disassembly and replacement.
The non-numbered parts are not kept as standard service parts.

REF. NO.	DESCRIPTION & NAME	QTY.	CU-PC36JKF-5	REMARK
1	BASE PAN ASS'Y	1	CWD52K1157	
2	COMPRESSOR	1	ZR47K3PFJ512	O
3	ANTI-VIBRATION BUSHING	3	CWH501020	
4	GASKET FOR TERMINAL COVER	3	CWB811017	
5	NUT FOR COMP. MOUNT.	3	CWH561049	
6	CONDENSER COMPLETE	1	CWB32C1773	
7	EXPANSION VALVE	1	CWB051017J	
8	3-WAYS VALVE(GAS)	1	CWB011295	O
9	STRAINER	1	CWB111056	
10	3-WAYS VALVE(LIQUID)	1	CWB011299	O
11	RECEIVER	1	CWB141022	
12	SOUND PROOF BOARD	1	CWH151079	
13	SOUND PROOF MATERIAL	1	CWG302311	
14	SOUND PROOF MATERIAL-COMP.	1	CWG302389	
15	V-COIL COMPLETE	1	CWA43C2203	
16	PIPING SENSOR (DISCHARGE)	1	CWA50C2406	
17	PIPING SENSOR (COIL)	1	CWA50C2390	
18	SPRING FOR SENSOR	2	CWH711010	
19	CABINET REAR PLATE CO.	1	CWE02C1034	
20	CONTROL BOARD ASSY	1	CWH10K1070	
21	MAGNET RELAYS	1	K6C5E8A00001	
22	TERMINAL BOARD ASSY	1	CWA28K1107	
23	TERMINAL BOARD ASSY	1	CWA28K1076J	
24	CAPACITOR-FAN MOTOR	2	DS461305BPQA	O
25	CAPACITOR-COMP.	1	DS441606CPNA	O
26	HOLDER CAPACITOR	1	CWH30071	
27	ELECTRONIC CONTROLLER-MAIN	1	CWA73C3879	O
28	TRANSFORMER	1	CWA401060	
29	BRACKET FAN MOTOR	1	CWD54K1026	
30	SCREW-BRACKET FAN MOTOR	4	CWH551040J	
31	FAN MOTOR	1	CWA951366J	O
32	FAN MOTOR	1	CWA951403J	O
33	SCREW-FAN MOTOR	8	CWH551040J	
34	PROPELLER FAN ASSY	2	CWH03K1017	
35	NUT - PROPELLER FAN	2	CWH561038J	
36	CABINET FRONT PLATE	1	CWE061092A	
37	DISCHARGE GRILLE	2	CWE201075	
38	CABINET SIDE PLATE ASSY	1	CWE04K1022A	
39	WIRE NET	1	CWD041101A	
40	CABINET TOP PLATE COMPLETE	1	CWE03C1097	
41	PIPE COVER (FRONT)	1	CWD601074A	
42	PIPE COVER (BACK)	1	CWD60K1003A	
43	CABINET FRONT PLATE COMP.	1	CWE06C1163	
44	HANDLE	2	CWE161008	
45	TUBE ASS'Y.(FLARE NUT-LIQ.SIDE)	1	CWT01C3768	
46	WIRING COVER AND BAND	1	CWH82C1105	
47	STRAINER	1	CWB11061	
48	BAG	1	CWG861239	
49	BASE BOARD-COMPLETE	1	CWG62C1086	
50	SHOCK ABSORBER (LEFT RIGHT)	2	CWG712852	
51	SHOCK ABSORBER (MIDDLE)	1	CWG712854	
52	C.C.CASE	1	CWG567914	

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