

No.OC149
REVISED EDITION-B

TECHNICAL & SERVICE MANUAL

Outdoor unit
[Model names]

PU-1.6VLJA

PU-2VJA,PU-2NJA

PU-2.5VJA,PU-2.5NJA

PU-3VJA,PU-3YJA

PU-3NJA

PU-4VLJSA,PU-4YJSA

PU-4TJSA

PU-5YJSA,PU-5TJSA

PU-6YJSA,PU-6TJSA

[Service Ref.]

1997

PU-1.6VLJA₂.UK

PU-2VJA₂.UK,PU-2NJA₁.UK

PU-2.5VJA₂.UK,PU-2.5NJA₁.UK

PU-3VJA₂.UK,PU-3YJA₂.UK

PU-3NJA₁.UK

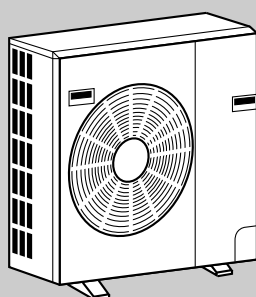
PU-4VLJSA₂.UK,PU-4YJSA₂.UK

PU-4TJSA₁.UK

1998

PU-5YJSA.UK,PU-5TJSA.UK

PU-6YJSA.UK,PU-6TJSA.UK



OUTDOOR UNIT

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Revision:

- Parts List has been partially modified.
(Marking * in the PARTS LIST has been changed the PARTS LIST in OC149 REVISED EDITION-A.)
- Please discard OC149 REVISED EDITION-A.

The Slim Line.
From Mitsubishi Electric.

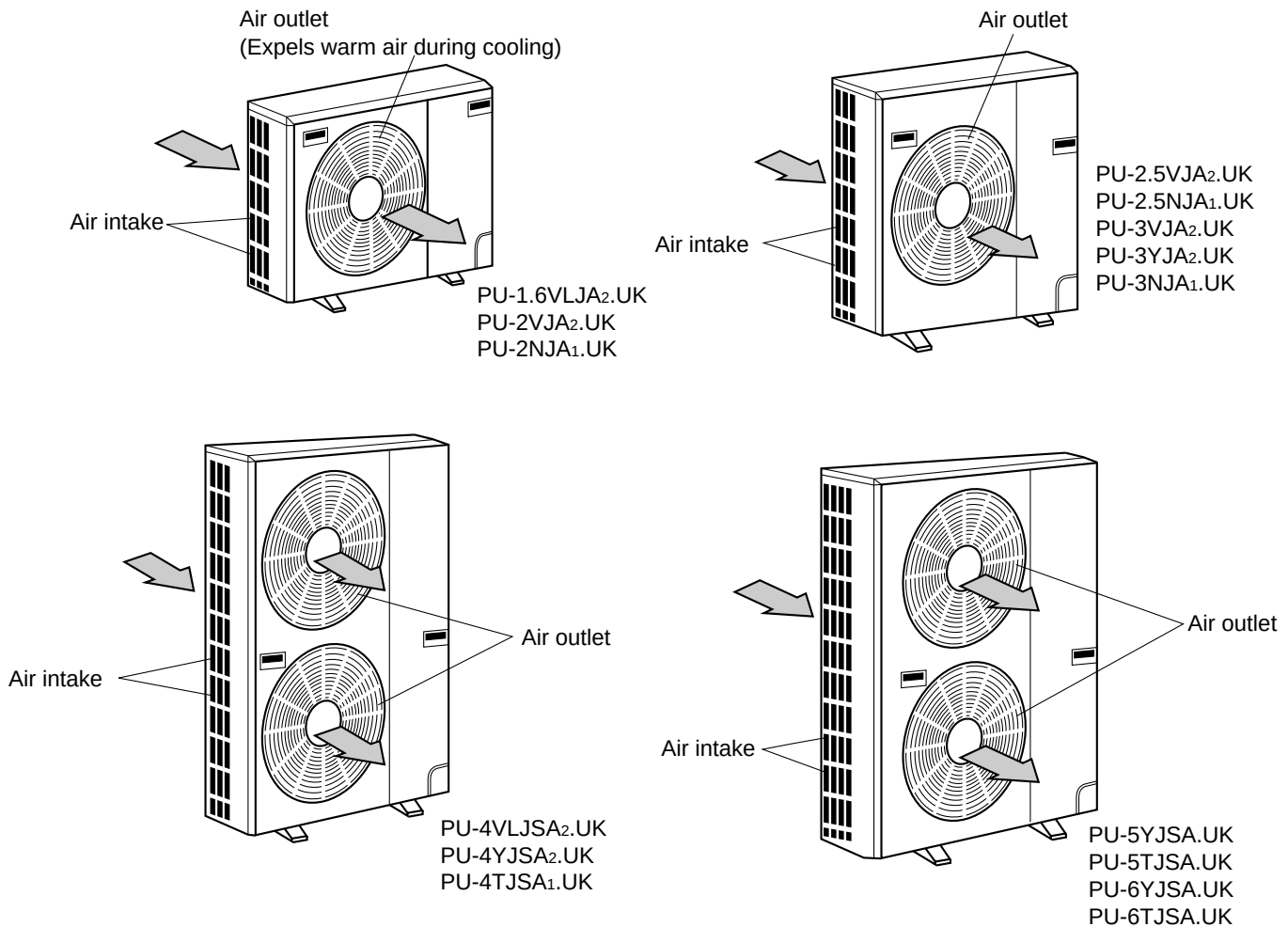
Mr.SLIM™

1 COMBINATION OF INDOOR AND OUTDOOR UNITS

Indoor unit		Outdoor unit														
Service Ref.	Service Manual No.	PU-1.6 .UK	PU-2.UK		PU-2.5.UK		PU-3.UK			PU-4.UK			PU-5.UK		PU-6.UK	
		VLJA2	VJA2	NJA1	VJA2	NJA1	VJA2	YJA3	NJA1	VLJSA2	YJSA3	TJSA1	YJSA	TJSA	YJSA	TJSA
PL-GJ(S)B1.UK	OC151 (REVISED EDITION-A)	—	—	—	—	—	○	○	○	○	○	○	○	○	○	○
PL-KJB.UK	OC146	○	○	○	○	○	—	—	—	—	—	—	—	—	—	—
PC-GJ(S)A1	OC134 (REVISED EDITION-A)	—	○	○	○	○	○	○	○	○	○	○	○	○	○	○
PE-EJH(S)A1	OC131	—	—	—	—	—	○	○	○	○	○	○	—	—	—	—
PS-GJ(S)1	OC143	—	—	—	—	—	○	○	○	○	○	○	—	—	—	—
PS-GJ(S)A1	OC141 (REVISED EDITION-A)	—	—	—	—	—	○	○	○	○	○	○	○	○	○	○
PK-1.6/2FLA3 PK-2.5/3/4FL(S)A2	OC129	○	○	○	○	○	○	○	○	○	○	○	—	—	—	—
PE-EJ(S)A.TH	OC155 (REVISED EDITION-A)	—	—	—	—	—	○	○	○	○	○	○	○	○	○	○

2 PART NAMES AND FUNCTIONS

●Outdoor Unit



*Unit of pressure is based on ISO (International Standardization Organization)
[kgf/cm²]→[Mpa] (1MPa=10.2kgf/cm²)

1. ELECTRICAL SPECIFICATIONS

(1) Rating conditions

- JIS B 8616 Indoor : 27°C(80°F)D.B.,19°C(66°F)W.B.
Outdoor : 35°C(95°F)D.B.,24°C(75°F)W.B.

Power supply (1 phase)		V : 220V 50Hz			V : 230V 50Hz		
Service Ref.		PU-1.6VLJA2.UK	PU-2VJA2.UK	PU-2.5VJA2.UK	PU-1.6VLJA2.UK	PU-2VJA2.UK	PU-2.5VJA2.UK
Current	A	6.7	11.3	11.4	6.7	11.0	11.0
Input	kW	1.42	2.44	2.46	1.47	2.46	2.49
Starting current	A	30	48	45	32	50	47

Power supply (1 phase)		V : 240V 50Hz			N : 220V 60Hz	
Service Ref.		PU-1.6VLJA2.UK	PU-2VJA2.UK	PU-2.5VJA2.UK	PU-2NJA1.UK	PU-2.5NJA1.UK
Current	A	6.9	10.8	10.7	11.4	13.4
Input	kW	1.52	2.48	2.52	2.45	2.91
Starting current	A	33	52	49	54	58

Power supply (1 phase)		V : 220V 50Hz		V : 230V 50Hz		V : 240V 50Hz		N : 220V 60Hz
Service Ref.		PU-3VJA2.UK	PU-4VLJSA2.UK	PU-3VJA2.UK	PU-4VLJSA2.UK	PU-3VJA2.UK	PU-4VLJSA2.UK	PU-3NJA1.UK
Current	A	15.1	16.9	14.4	16.6	13.9	16.3	17.6
Input	kW	3.18	3.35	3.19	3.44	3.20	3.52	3.44
Starting current	A	68	79	68	79	68	79	80

Power supply (3 phase)		Y : 380/220V 50Hz				Y : 400/230V 50Hz			
Service Ref.		PU-3YJA2.UK	PU-4YJSA2.UK	PU-5YJSA.UK	PU-6YJSA.UK	PU-3YJA2.UK	PU-4YJSA2.UK	PU-5YJSA.UK	PU-6YJSA.UK
Current	A	5.7	5.7	8.15	8.63	5.4	5.5	7.89	8.55
Input	kW	3.18	3.29	4.56	5.11	3.19	3.33	4.61	5.15
Starting current	A	36	38	65.5	74	36	38	65.5	74

Power supply (3 phase)		Y : 415/240V 50Hz				T : 220V 60Hz		
Service Ref.		PU-3YJA2.UK	PU-4YJSA2.UK	PU-5YJSA.UK	PU-6YJSA.UK	PU-4TJSA1.UK	PU-5TJSA.UK	PU-6TJSA.UK
Current	A	5.3	5.5	7.63	8.48	12.2	16.83	18.70
Input	kW	3.20	3.36	4.66	5.18	4.27	5.63	6.15
Starting current	A	36	38	65.5	74	69	135	140

- SSA 385,386 Indoor : 29°C(84°F)D.B.,19°C(66°F)W.B.
Outdoor : 46°C(115°F)D.B.,24°C(75°F)W.B.

Power supply		N : 220V (1 phase) 60Hz	
Service Ref.		PU-2NJA1.UK	PU-2.5NJA1.UK
Current	A	13.6	15.8
Input	kW	2.97	3.44
Starting current	A	54	58

Power supply		N : 220V (1 phase) 60Hz	T : 220V (3 phase) 60Hz		
Service Ref.		PU-3NJA1.UK	PU-4TJSA1.UK	PU-5TJSA.UK	PU-6TJSA.UK
Current	A	20.9	14.0	19.61	21.45
Input	kW	4.09	4.97	6.68	7.28
Starting current	A	80	69	135	140

2. POWER SUPPLY & MODEL NAMES

Power supply		Service Ref. (indoor unit)	Model name (outdoor unit)/Service Ref.						
			PU-1.6	PU-2	PU-2.5	PU-3	PU-4	PU-5	PU-6
50Hz	1ph.	220, 230, 240V	PU-1.6VLJA2.UK	PU-2VJA2.UK	PU-2.5VJA2.UK	PU-3VJA2.UK	PU-4VLJSA2.UK	—	—
	3ph.	380/220, 400/230, 415/240V	—	—	—	PU-3YJA2.UK	PU-4YJSA2.UK	PU-5YJSA.UK	PU-6YJSA.UK
60Hz	1ph.	220V	—	PU-2NJA1.UK	PU-2.5NJA1.UK	PU-3NJA1.UK	—	—	—
	3ph.	220V	—	—	—	—	PU-4TJSA1.UK	PU-5TJSA.UK	PU-6TJSA.UK

Notes : 1. Power supply key N 1ph,220V,60Hz
V(L) ... 1ph,220,230,240V,50Hz
T 3ph,220V,60Hz
Y... 3ph,380/220,400/230,
415/240V,50Hz,4 wires



2. COMPRESSOR TECHNICAL DATA

Compressor	Winding resistance(Ω). at 20℃			Outdoor unit Service Ref.
	R-C/U-V	S-C/V-W	W-U	
RH247VFC	2.00	4.55	—	PU-1.6VLJA ₂ .UK
NHJ33NBD	0.70	1.44	—	PU-2NJA ₁ .UK
NHJ41VMD	0.92	2.44	—	PU-2VJA ₂ .UK
NHJ38NBD	0.70	1.42	—	PU-2.5NJA ₁ .UK
NHJ41VMD	0.92	2.44	—	PU-2.5VJA ₂ .UK
NHJ52VND	0.83	2.03	—	PU-3VJA ₂ .UK
NHJ52YDE	3.68	3.68	—	PU-3YJA ₂ .UK
NHJ47NAD	0.58	1.14	3.68	PU-3NJA ₁ .UK
NH56VND	0.64	1.55	—	PU-4VLJSA ₂ .UK
NHJ56YDE	3.30	3.30	3.30	PU-4YJSA ₂ .UK
NHJ56TKA	0.83	0.83	0.83	PU-4TJSA ₁ .UK

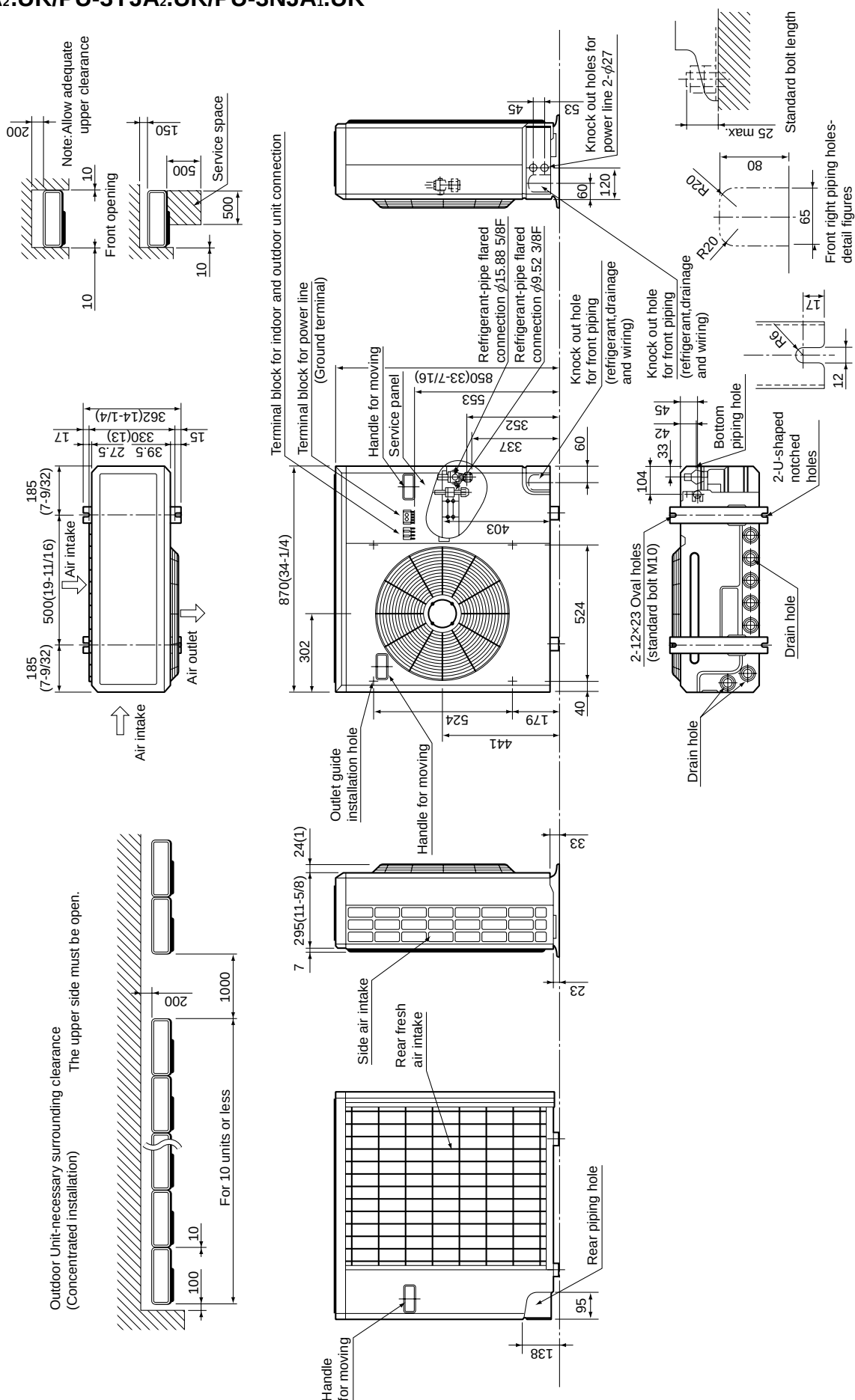
Compressor	Winding resistance(Ω). at 25℃			Outdoor unit Service Ref.
	T ₁ –T ₂	T ₂ –T ₃	T ₃ –T ₁	
ZR61KC-TFD	2.53–2.91	2.53–2.91	2.53–2.91	PU-5YJSA.UK
ZR61KC-TF5	0.628–0.722	0.628–0.722	0.628–0.722	PU-5TJSA.UK
ZR72KC-TFD	2.148–2.472	2.148–2.472	2.148–2.472	PU-6YJSA.UK
ZR68KC-TF5	0.517	0.517	0.517	PU-6TJSA.UK

3. ADDITIONAL REFRIGERANT CHARGE (R-22……kg (lbs))

Service Ref.	Outdoor unit precharged (kg) (up to 20m)	Refrigerant piping length (one way)						
		20m (66ft)	25m (82ft)	30m (98ft)	35m (115ft)	40m (131ft)	45m (148ft)	50m (164ft)
PU-1.6VLJA ₂ .UK	1.3	0	—	—	—	—	—	—
PU-2VJA ₂ .UK	1.78	0	0.06 (0.13)	0.12 (0.26)	—	—	—	—
PU-2NJA ₁ .UK	1.9	0	0.06 (0.13)	0.12 (0.26)	—	—	—	—
PU-2.5VJA ₂ .UK	2.4	0	0.06 (0.13)	0.12 (0.26)	—	—	—	—
PU-2.5NJA ₁ .UK	2.4	0	0.06 (0.13)	0.12 (0.26)	—	—	—	—
PU-3VJA ₂ .UK	3.08	0	0.06 (0.13)	0.12 (0.26)	—	—	—	—
PU-3YJA ₂ .UK	2.88	0	0.06 (0.13)	0.12 (0.26)	—	—	—	—
PU-3NJA ₁ .UK	3.5	0	0.06 (0.13)	0.12 (0.26)	—	—	—	—
PU-4VLJSA ₂ .UK	3.8	0	0.15 (0.33)	0.30 (0.66)	0.45 (0.99)	0.6 (1.32)	—	—
PU-4YJSA ₂ .UK	4.6	0	0.15 (0.33)	0.30 (0.66)	0.45 (0.99)	0.6 (1.32)	—	—
PU-4TJSA ₁ .UK	4.6	0	0.15 (0.33)	0.30 (0.66)	0.45 (0.99)	0.6 (1.32)	—	—
PU-5YJSA.UK	5.1	0	0.15 (0.33)	0.30 (0.66)	0.45 (0.99)	0.6 (1.32)	0.75 (1.65)	0.9 (1.98)
PU-5TJSA.UK	5.1	0	0.15 (0.33)	0.30 (0.66)	0.45 (0.99)	0.6 (1.32)	0.75 (1.65)	0.9 (1.98)
PU-6YJSA.UK	5.7	0	0.15 (0.33)	0.30 (0.66)	0.45 (0.99)	0.6 (1.32)	0.75 (1.65)	0.9 (1.98)
PU-6TJSA.UK	5.7	0	0.15 (0.33)	0.30 (0.66)	0.45 (0.99)	0.6 (1.32)	0.75 (1.65)	0.9 (1.98)

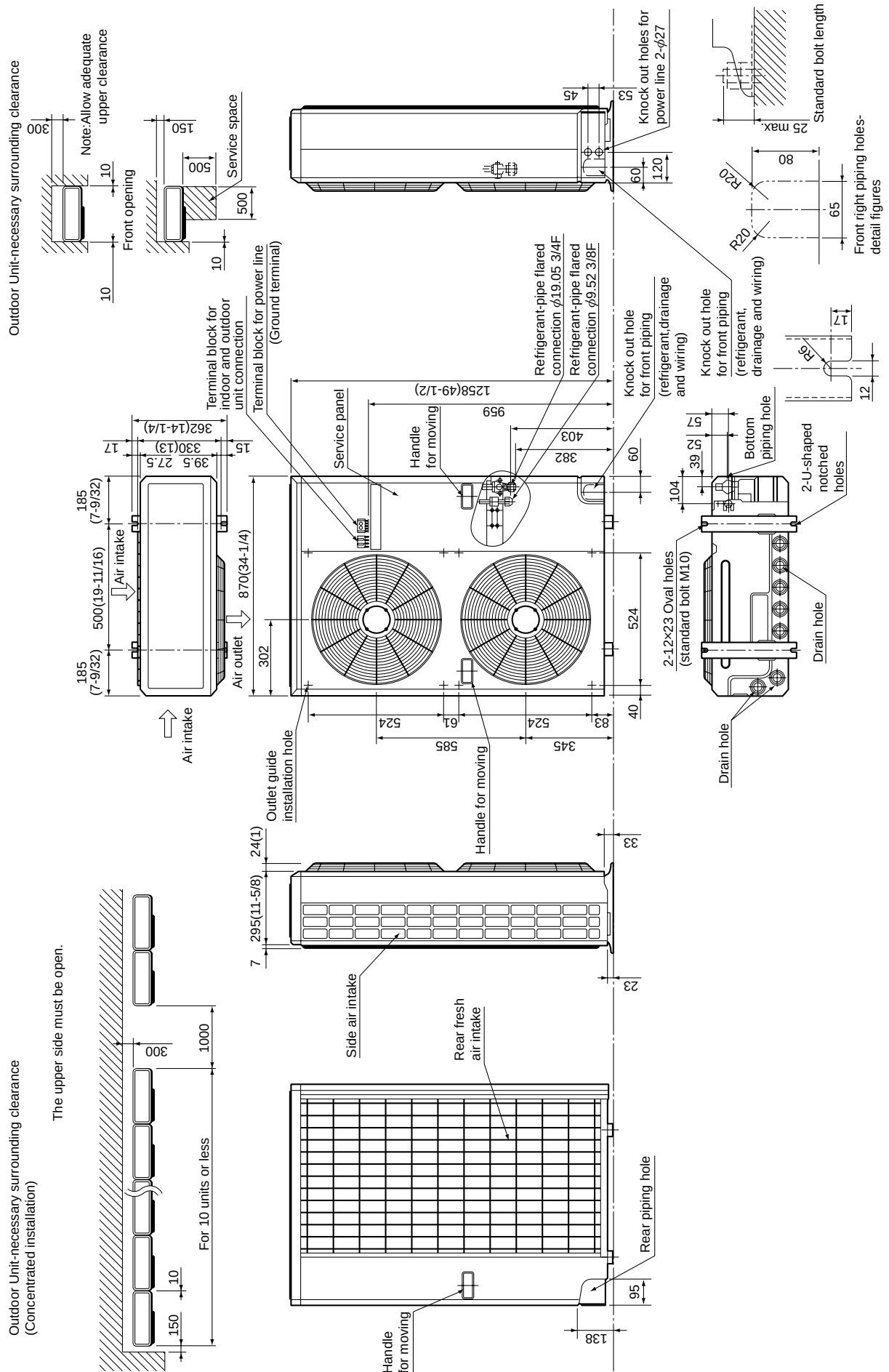


Outdoor Unit-necessary surrounding clearance

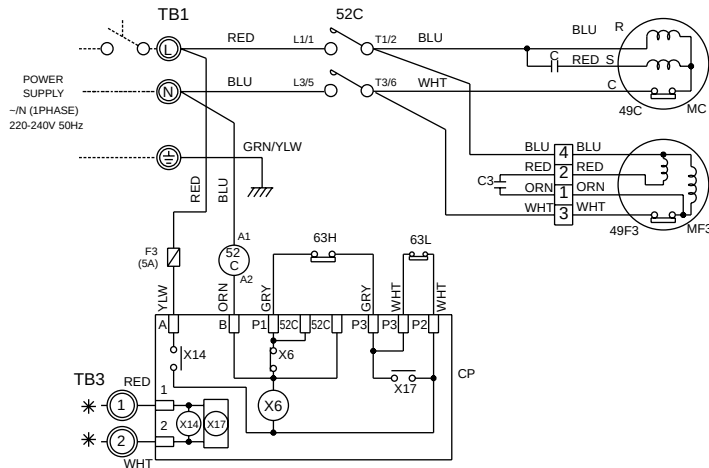


PU-4VLJSA₂.UK/PU-4YJSA₂.UK/PU-4TJSA₁.UK

Unit : mm (inch)

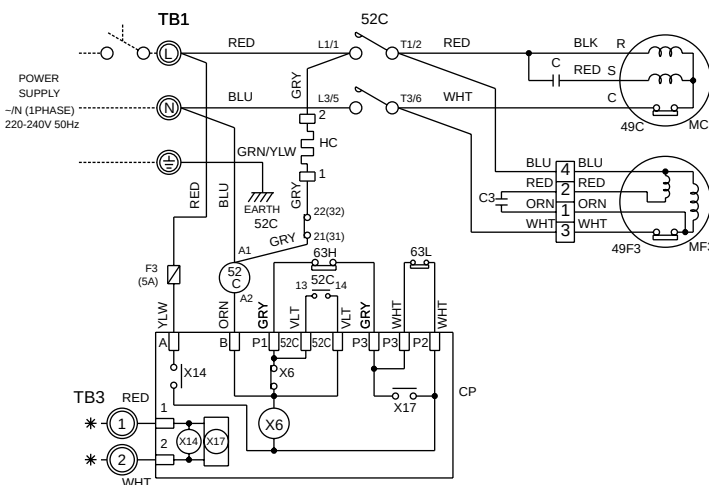




PU-1.6VLJA2.UK

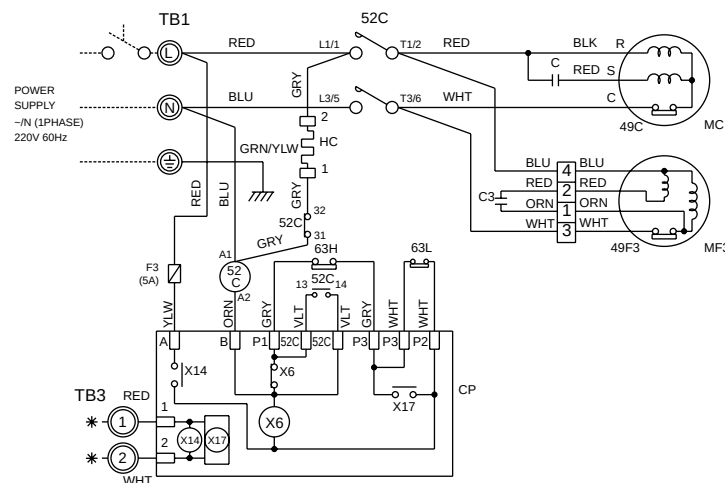
- C COMPRESSOR RUN CAPACITOR
CP COMPRESSOR PROTECTOR
C3 FAN MOTOR CAPACITOR
F3 FUSE(5A)
MC COMPRESSOR
MF3 FAN MOTOR
TB1 TERMINAL BLOCK (POWER SUPPLY)
TB3 TERMINAL BLOCK (CONNECTING WIRES INDOOR/OUTDOOR)
49C COMPRESSOR INTERNAL THERMOSTAT
49F3 FAN MOTOR INTERNAL THERMOSTAT
52C COMPRESSOR CONTACTOR
63H HIGH PRESSURE SWITCH
63L LOW PRESSURE SWITCH

NOTES:1.THE DOTTED LINES SHOW FIELD WIRING.
2. * TO INDOOR UNIT TERMINAL BLOCK.

PU-2VJA2.UK,PU-2.5VJA2.UK,PU-3VJA2.UK

- C COMPRESSOR RUN CAPACITOR
CP COMPRESSOR PROTECTOR
C3 FAN MOTOR CAPACITOR
F3 FUSE(5A)
HC CRANKCASE HEATER
MC COMPRESSOR
MF3 FAN MOTOR
TB1 TERMINAL BLOCK (POWER SUPPLY)
TB3 TERMINAL BLOCK (CONNECTING WIRES INDOOR/OUTDOOR)
49C INTERNAL THERMOSTAT FOR MC
49F3 INTERNAL THERMOSTAT FOR MF3
52C COMPRESSOR CONTACTOR
63H HIGH PRESSURE SWITCH
63L LOW PRESSURE SWITCH

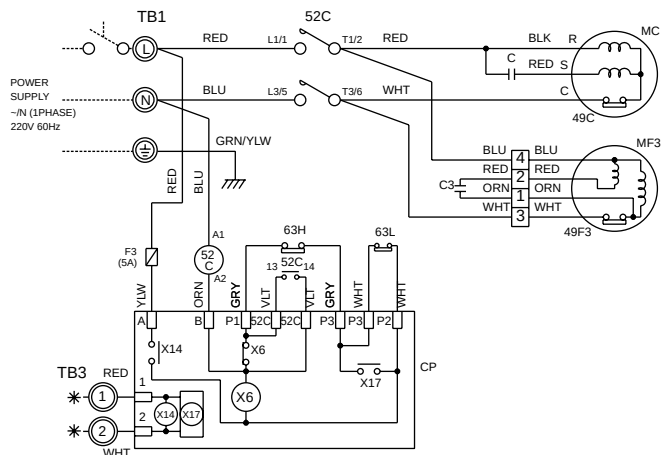
NOTES:1.THE DOTTED LINES SHOW FIELD WIRING.
2. * TO INDOOR UNIT TERMINAL BLOCK.
3.THE LETTERS IN THE () INDICATE PU-3VJA

PU-3NJA1.UK

- C COMPRESSOR RUN CAPACITOR FOR
CP COMPRESSOR PROTECTOR
C3 FAN MOTOR CAPACITOR
F3 FUSE(5A)
HC CRANKCASE HEATER
MC COMPRESSOR
MF3 FAN MOTOR
TB1 TERMINAL BLOCK (POWER SUPPLY)
TB3 TERMINAL BLOCK (CONNECTING WIRES INDOOR/OUTDOOR)
49C INTERNAL THERMOSTAT FOR MC
49F3 INTERNAL THERMOSTAT FOR MF3
52C COMPRESSOR CONTACTOR
63H HIGH PRESSURE SWITCH
63L LOW PRESSURE SWITCH

NOTES:1.THE DOTTED LINES SHOW FIELD WIRING.
2. * TO INDOOR UNIT TERMINAL BLOCK.

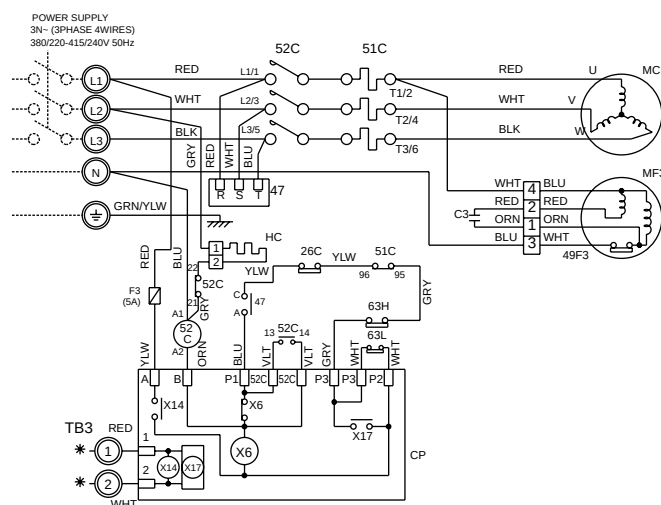
PU-2NJA1.UK,PU-2.5NJA1.UK



- C RUN CAPACITOR FOR MC
 CP COMPRESSOR PROTECTOR
 C3 FAN MOTOR CAPACITOR
 F3 FUSE(5A)
 MC COMPRESSOR
 MF3 FAN MOTOR
 TB1 TERMINAL BLOCK (POWER SUPPLY)
 TB3 TERMINAL BLOCK (CONNECTING WIRES INDOOR/OUTDOOR)
 49C INTERNAL THERMOSTAT FOR MC
 49F3 INTERNAL THERMOSTAT FOR MF3
 52C COMPRESSOR CONTACTOR
 63H HIGH PRESSURE SWITCH
 63L LOW PRESSURE SWITCH

NOTES:1.THE DOTTED LINES SHOW FIELD WIRING.
 2. * TO INDOOR UNIT TERMINAL BLOCK.

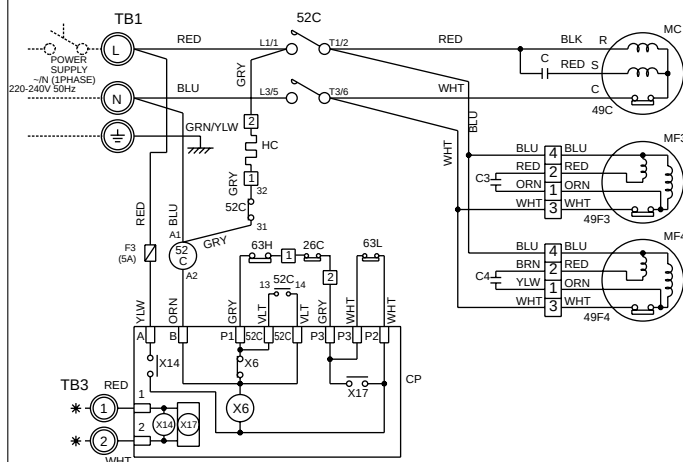
PU-3YJA2.UK



- CP COMPRESSOR PROTECTOR
 C3 FAN MOTOR CAPACITOR
 F3 FUSE(5A)
 HC CRANKCASE HEATER
 MC COMPRESSOR
 MF3 FAN MOTOR
 TB1 TERMINAL BLOCK (POWER SUPPLY)
 TB3 TERMINAL BLOCK (CONNECTING WIRES INDOOR/OUTDOOR)
 26C THERMAL SWITCH
 47 ANTI-PHASE PROTECTOR
 49F3 INTERNAL THERMOSTAT FOR MF3
 51C THERMAL RELAY
 52C COMPRESSOR CONTACTOR
 63H HIGH PRESSURE SWITCH
 63L LOW PRESSURE SWITCH

NOTES:1.THE DOTTED LINES SHOW FIELD WIRING.
 2. * TO INDOOR UNIT TERMINAL BLOCK.

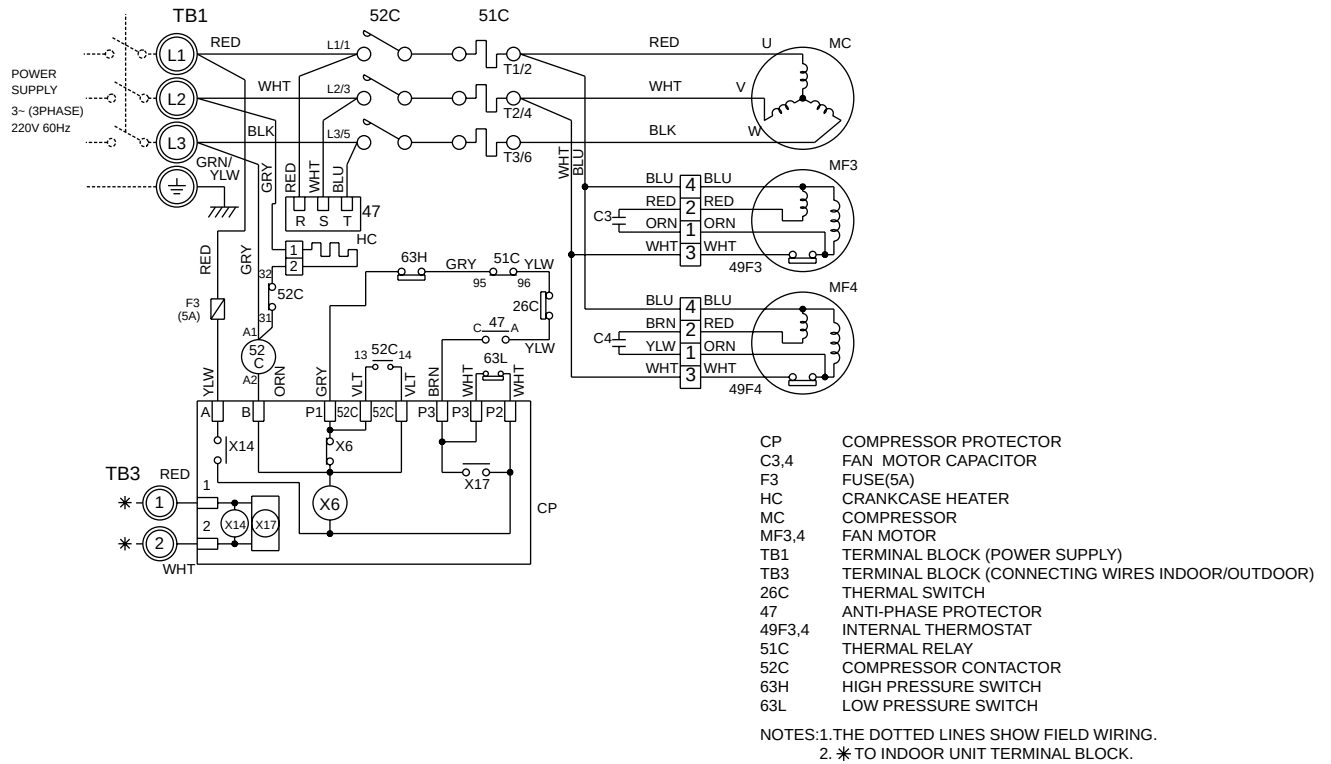
PU-4VLJSA2.UK



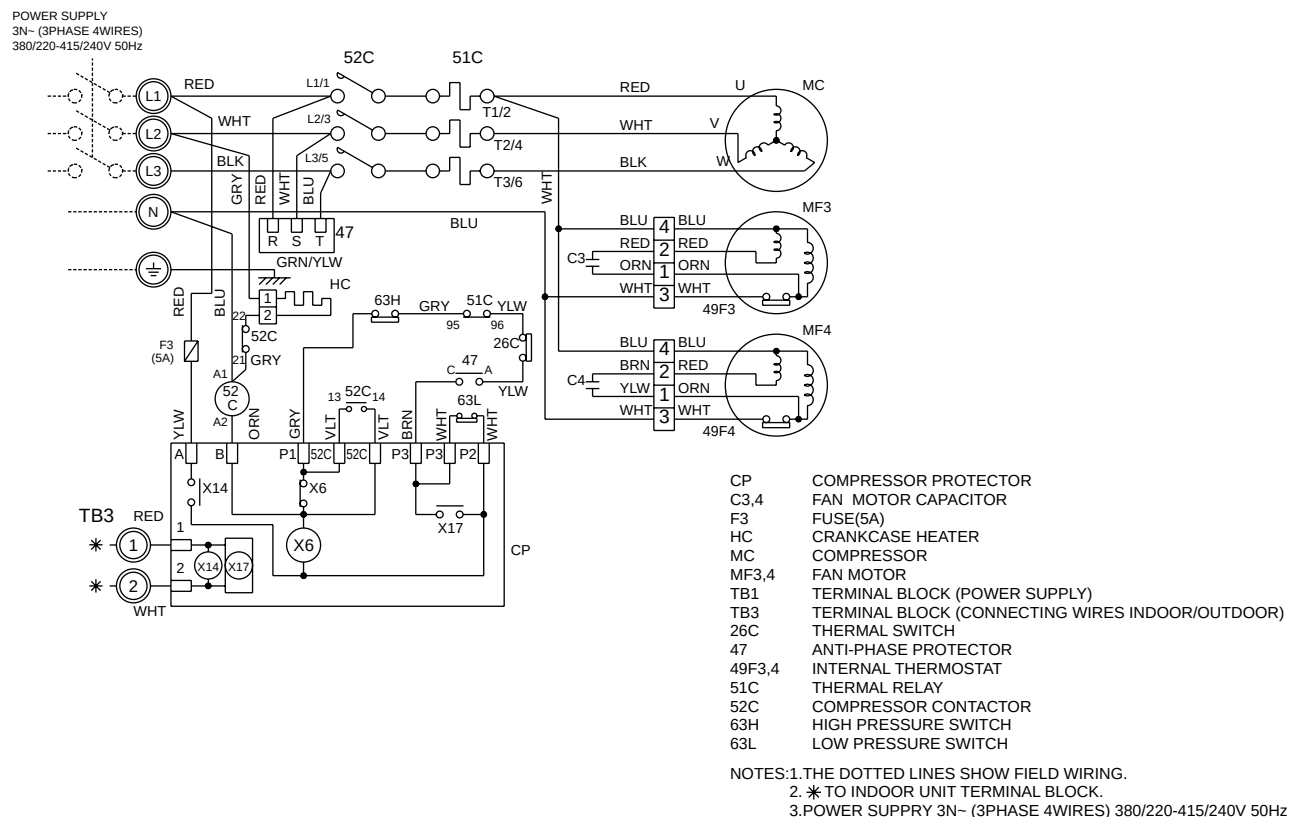
- C RUN CAPACITOR FOR MC
 CP COMPRESSOR PROTECTOR
 C3,4 FAN MOTOR CAPACITOR
 F3 FUSE(5A)
 HC CRANKCASE HEATER
 MC COMPRESSOR
 MF3,4 FAN MOTOR
 TB1 TERMINAL BLOCK (POWER SUPPLY)
 TB3 TERMINAL BLOCK (CONNECTING WIRES INDOOR/OUTDOOR)
 49C INTERNAL THERMOSTAT FOR MC
 49F3,4 INTERNAL THERMOSTAT FOR MF3,4
 52C COMPRESSOR CONTACTOR
 63H HIGH PRESSURE SWITCH
 63L LOW PRESSURE SWITCH
 26C THERMAL SWITCH (DIS. CHARGE)

NOTES:1.THE DOTTED LINES SHOW FIELD WIRING.
 2. * TO INDOOR UNIT TERMINAL BLOCK.
 3.POWER SUPPLY ~ (1PHASE) 220~240V,50Hz

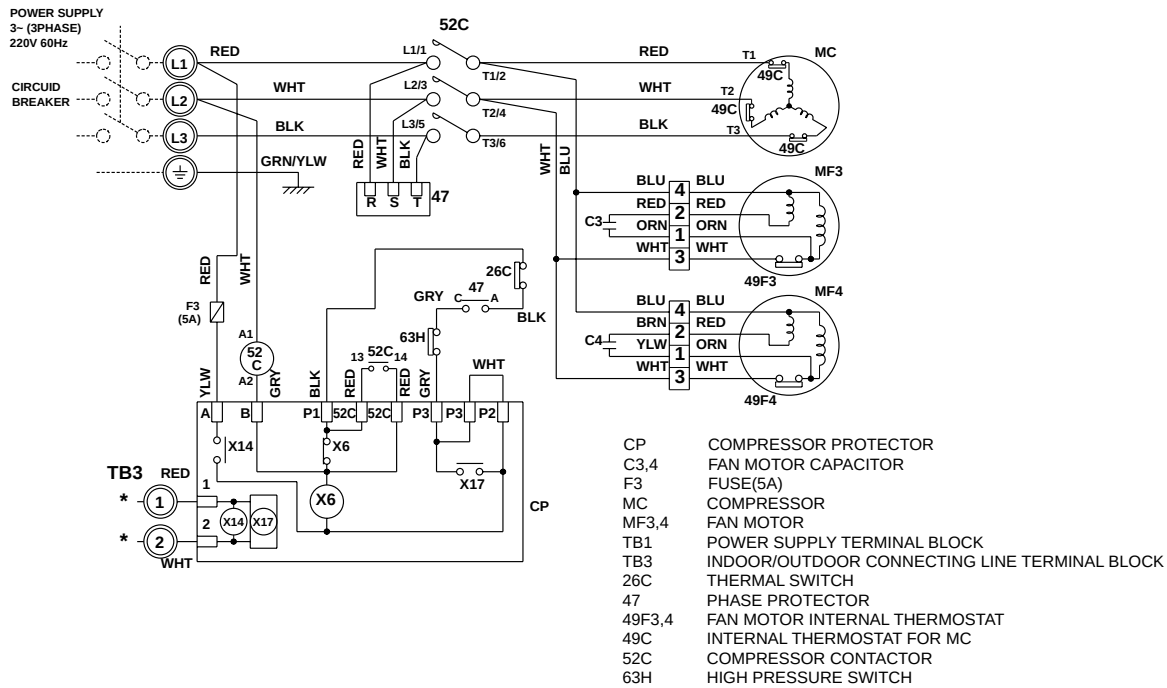
PU-4TJSA1.UK



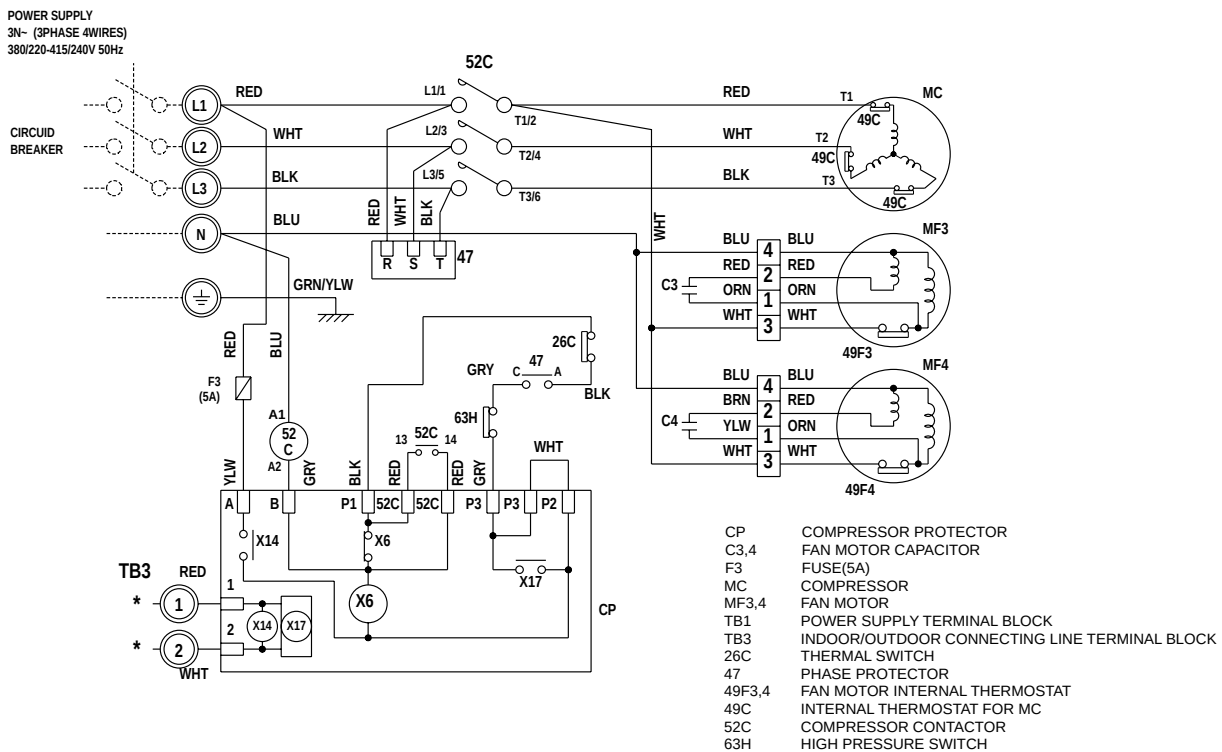
PU-4YJSA2.UK



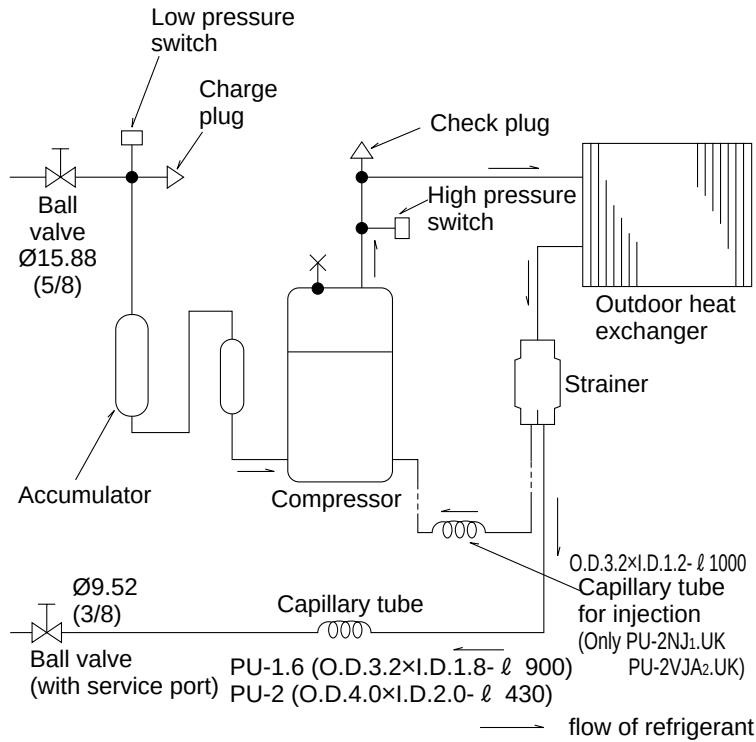
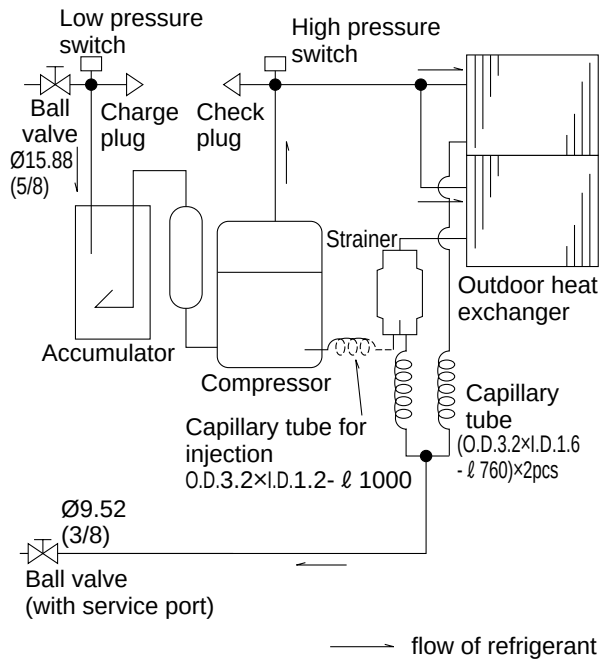
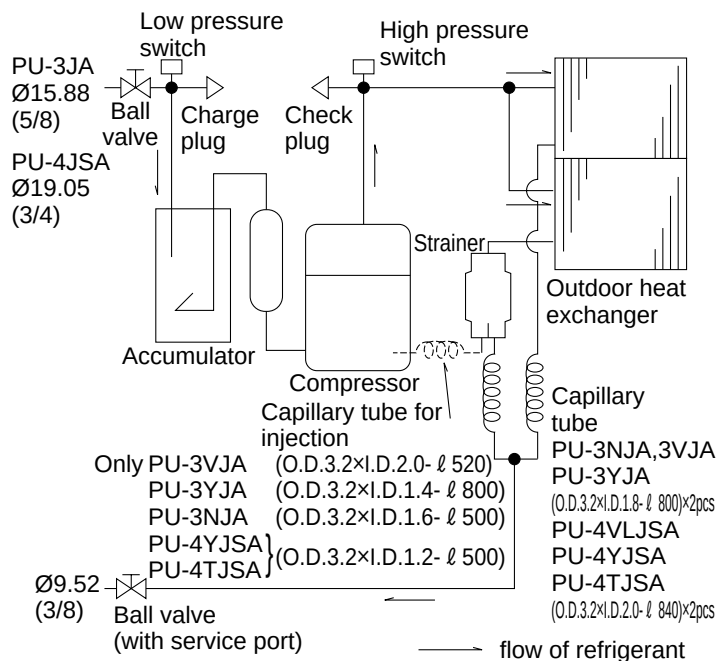
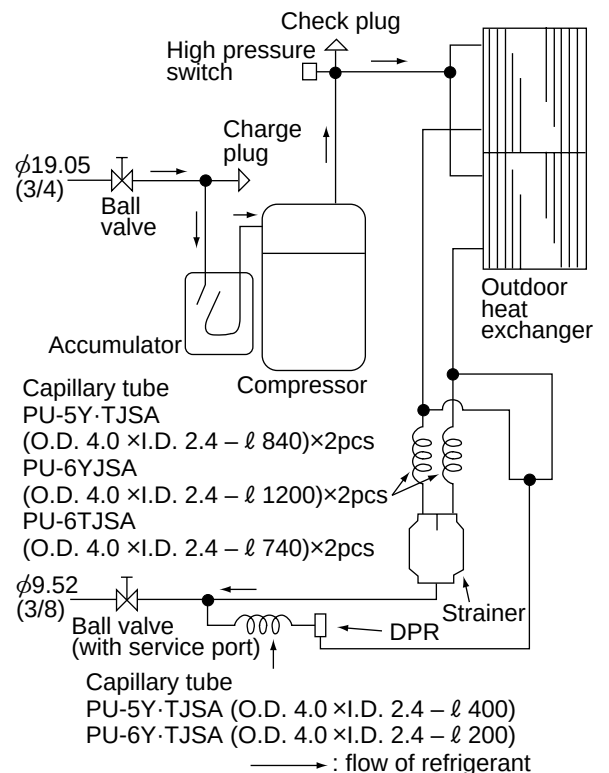
PU-5TJSA.UK, PU-6TJSA.UK



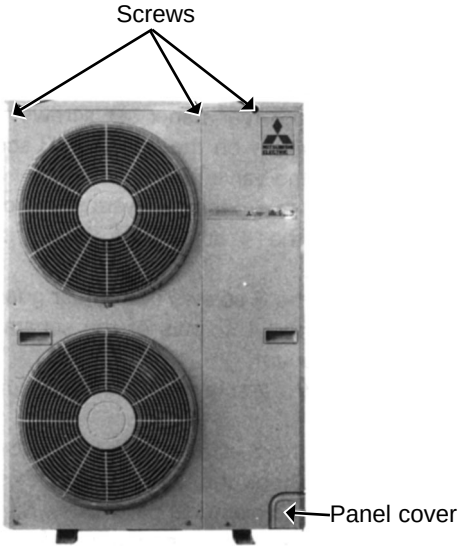
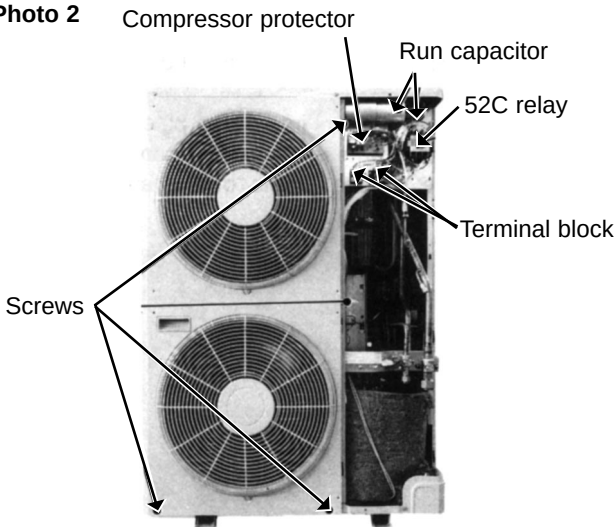
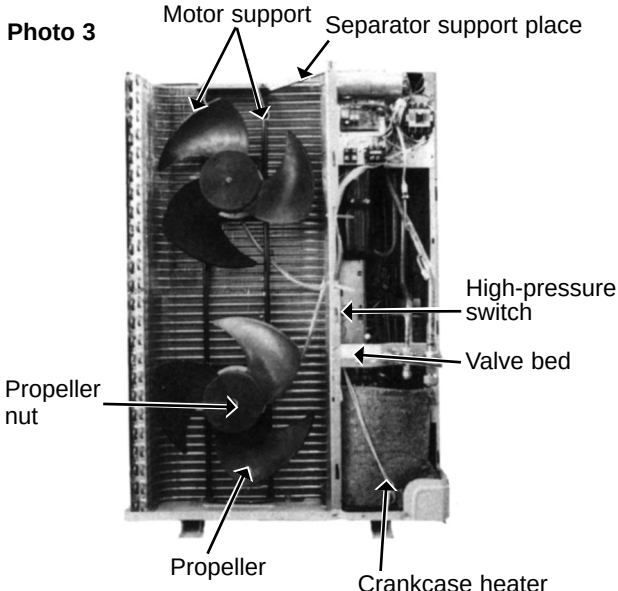
PU-5YJSA.UK, PU-6YJSA.UK



NOTES:1.THE DOTTED LINES SHOW FIELD WIRING.
2.* TO INDOOR UNIT TERMINAL BLOCK.

PU-1.6VLJA₂.UK**PU-2VJA₂.UK, PU-2NJA₁.UK****PU-2.5VJA₂.UK****PU-2.5NJA₁.UK****PU-3VJA₂.UK, PU-3YJA₂.UK, PU-3NJA₁.UK****PU-4VLJSA₂.UK, PU-4YJSA₂.UK, PU-4TJSA₁.UK****PU-5TJSA.UK, PU-5YJSA.UK****PU-6TJSA.UK, PU-6YJSA.UK**

Model : PU-4JSA.UK type

OPERATING PROCEDURE	PHOTOS
1. Removing the electrical parts (1) Remove the 3 screws at the front and the 2 screws at the rear of the top panel. (2) Remove the top panel. (3) Remove the screw from the panel cover. Unhook the catches from the side panel and pull the panel cover toward you to remove. (4) Remove the screw from the service panel. Pull down the service panel to unhook the catches. Pull the service panel toward you to remove.	Photo 1  Screws Panel cover Photo 2  Compressor protector Run capacitor 52C relay Terminal block Screws
2. Removing the fan motor (1) Remove the 3 screws and the front panel. Open the panel to a 45-degree angle and lift it to remove. The panel is hooked by 3 catches on the left side. (2) Remove the propeller nuts and the propellers. (3) Remove the 3 screws each and the fan motors. Disconnect the lead connectors.	Photo 3  Motor support Separator support place Propeller nut Propeller High-pressure switch Valve bed Crankcase heater

OPERATING PROCEDURE

3. Removing the heat exchanger and the compressor

NOTE :When removing the panels, move them up and down to unhook catches.

- (1) Remove the rear panel set screws: 2 screws at the front, 1 screw on the side, and 3 screws at the rear.
- (2) Remove the valve bed.
- (3) Open the rear panel rearward to remove.
- (4) Remove the 4 screws of the right side panel and remove it.
- (5) Remove the 3 screws of the rear guard and remove it.
- (6) Remove the 4 screws of the separator support plate and remove it.
- (7) Remove the 2 screws of the motor support and remove it.
- (8) Remove the 5 screws of the valve bed. Lift the valve bed to unhook the catches on both sides.
- (9) Remove the electrical parts box.
- (10) Disconnect the connectors of the high-pressure switch, crankcase heater, shell thermo, and fan motor.
- (11) Remove the 2 screws of the separator and remove it.
- (12) Remove the 2 screws of the heat exchanger and remove it.
- (13) Detach the welded points of the pipe.
- (14) Remove the 3 nuts of the compressor and remove it.
- (15) Detach the welded points of the suction pipe and discharge pipe.

PHOTOS

Photo 4

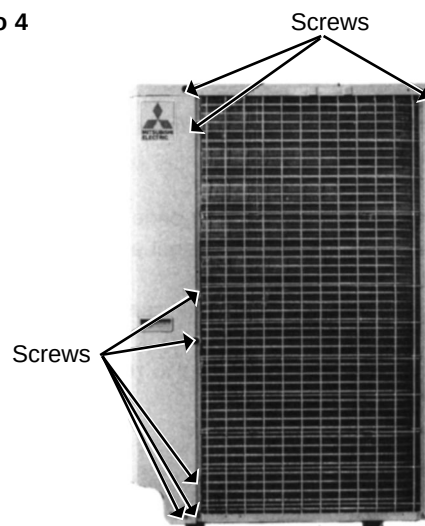


Photo 5

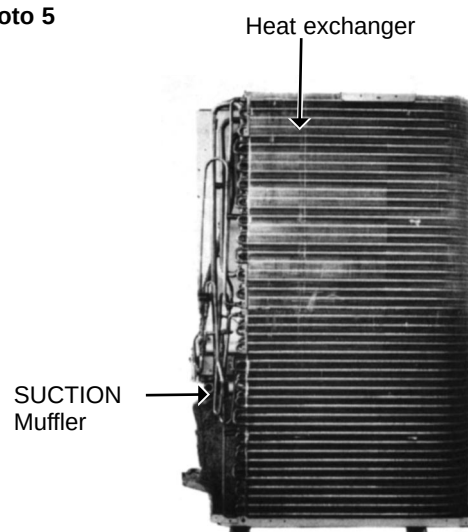
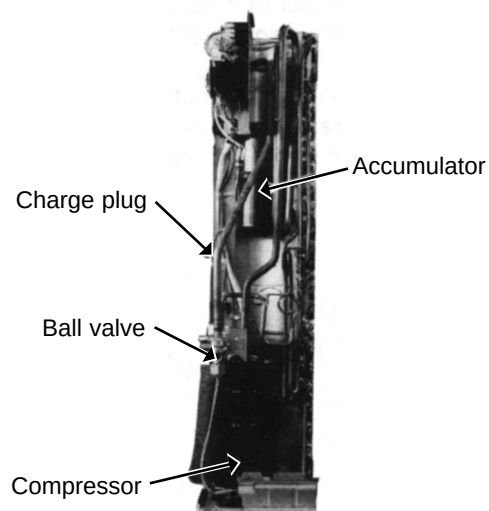
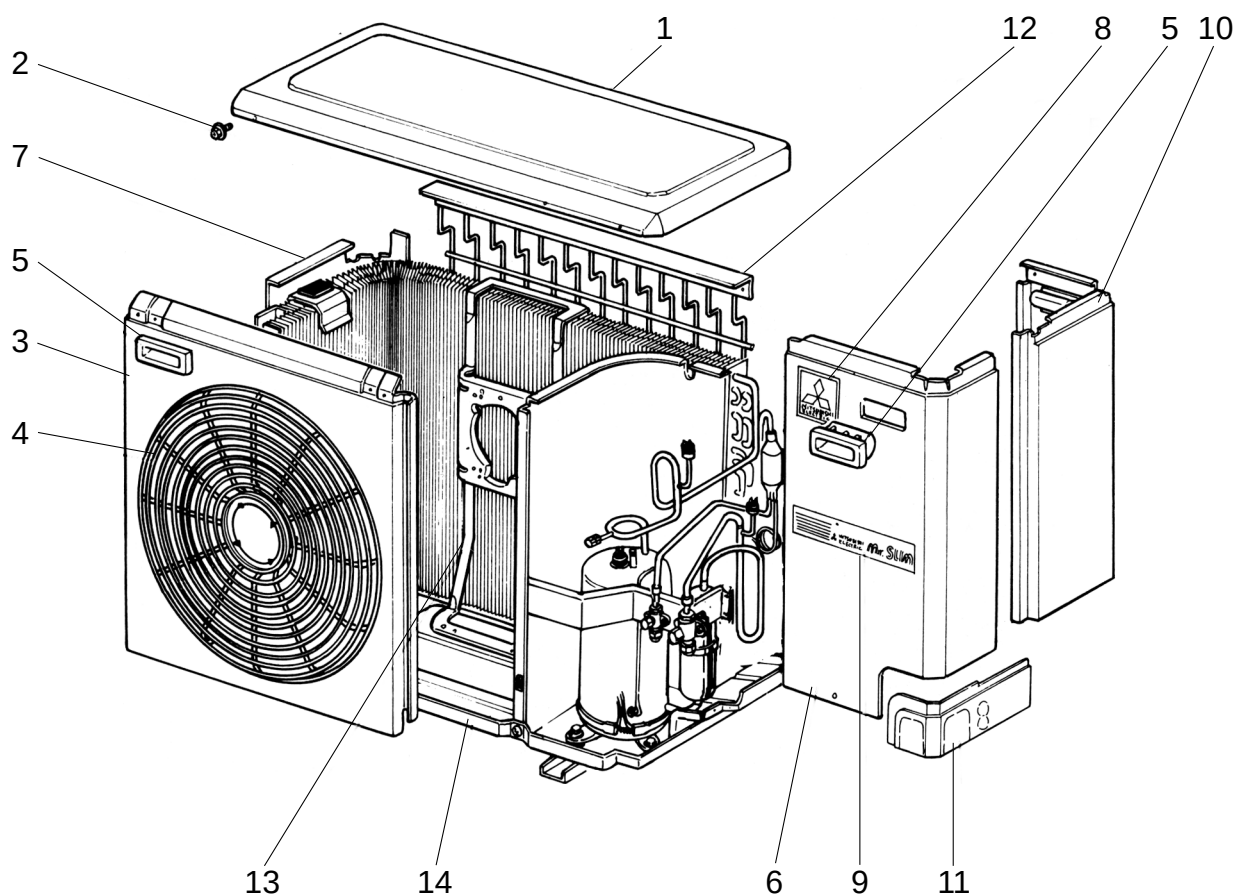


Photo 6



STRUCTURAL PARTS

PU-1.6VLJA.UK, PU-2VJA.UK

PU-1.6VLJA₁.UK, PU-2VJA₁.UK

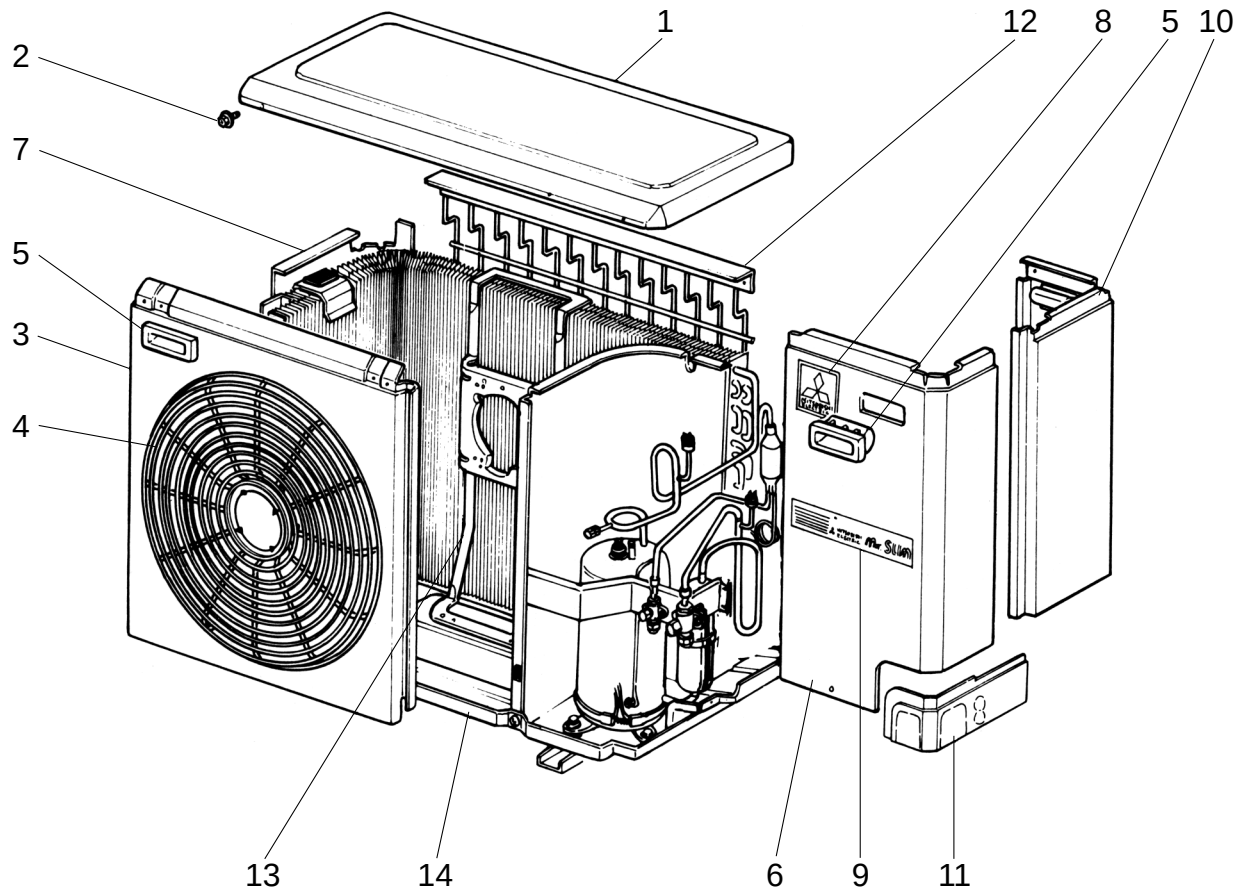
No.	Part No.	Part Name	Specification	Q'ty/set		Remarks (Deawing No)	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-1.6 VLJA.UK VLJA ₁ .UK	PU-2 VJA.UK VJA ₁ .UK				Unit	Amount
1	R01 A00 641	TOP PANEL		1	1					
2	—	F. ST SCREW	(5×10)	13	13	(Z004M203H10)				
3	S70 020 668	FRONT PANEL		1	1					
4	S70 001 675	FAN GUARD		1	1					
5	R01 A00 655	PANEL HANDLE		3	3					
6	S70 020 661	SERVICE PANEL		1	1					
7	R01 A00 662	SIDE PANEL		1	1					
8	—	LABEL (MITSUBISHI)		1	1	(DG79R130H01)				
9	—	LABEL (BRAND)		1	1	(BC79G510H02)				
10	R01 A00 682	REAR PANEL		1	1					
11	R01 A00 658	PANEL COVER		1	1					
12	R01 A00 698	REAR GUARD		1	1					
13	S70 021 130	MOTOR SUPPORT		1	1					
14	S70 020 686	BASE		1						
	S70 001 686	BASE			1					

STRUCTURAL PARTS

PU-1.6VLJA2.UK

PU-2VJA2.UK

PU- 2NJA1.UK

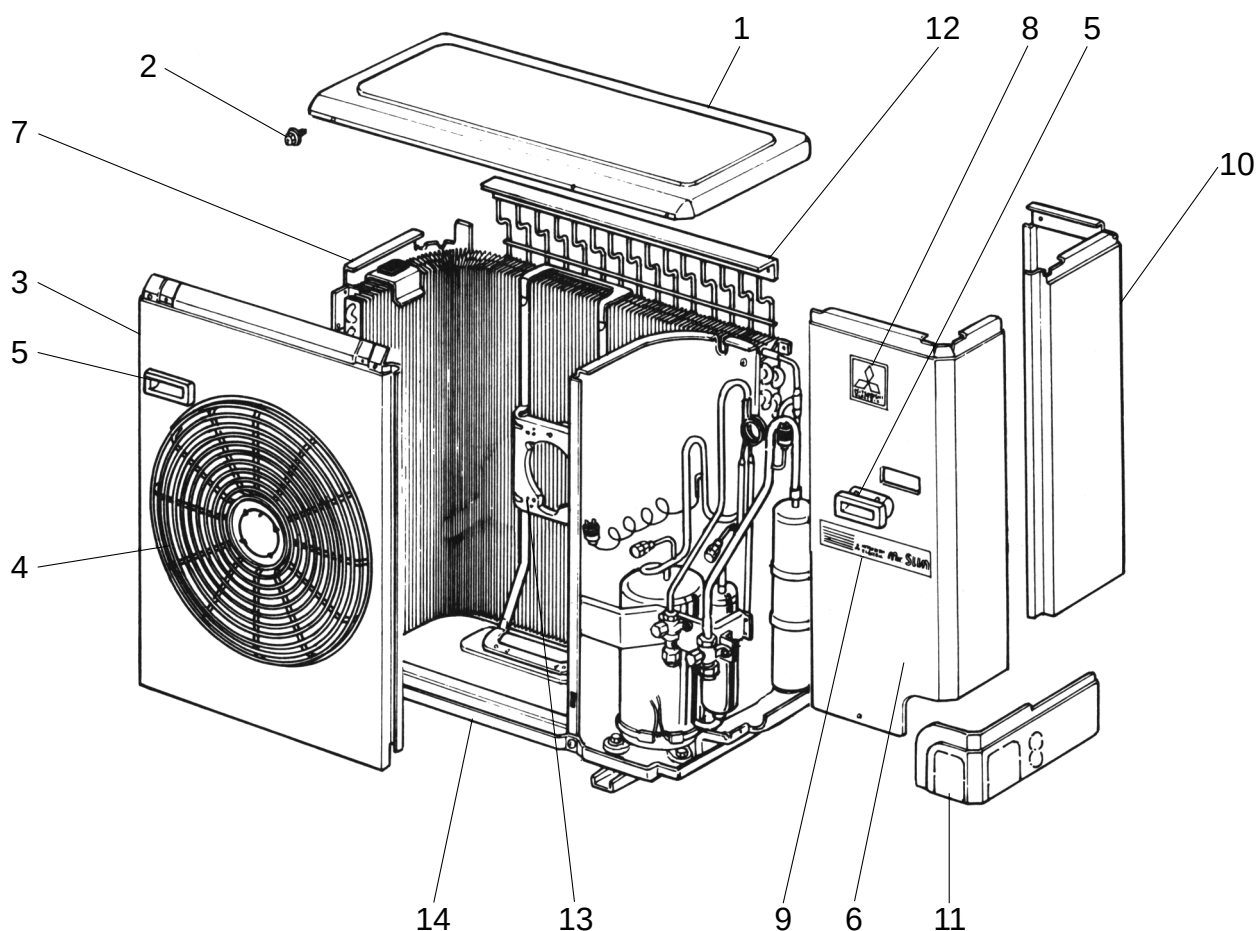


No.	Part No.			Part Name	Specification	Q'ty/set			Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
						PU-1.6 VLJA2 .UK	PU-2					Unit	Amount
							VJA2 .UK	NJA1 .UK					
1	R01	A00	641	TOP PANEL		1	1	1					
2	—			F. ST SCREW	(5×10)	13	13	13	(Z004M203H10)				
3	R01	A00	668	FRONT PANEL		1	1	1					
4	R01	A00	675	FAN GUARD		1	1	1					
※ 5	R01	A00	655	PANEL HANDLE		3	3	3					
6	R01	A00	661	SERVICE PANEL		1	1	1					
7	R01	A00	662	SIDE PANEL		1	1	1					
8	—			LABEL (MITSUBISHI)		1	1	1	(DG79R130H01)				
9	—			LABEL(BRAND)		1	1	1	(BC79G510H02)				
10	R01	A00	682	REAR PANEL		1	1	1					
11	R01	A00	658	PANEL COVER		1	1	1					
12	R01	A00	698	REAR GUARD		1	1	1					
13	S70	021	130	MOTOR SUPPORT		1	1						
	S70	030	130	MOTOR SUPPORT				1					
14	R01	A04	686	BASE			1	1					
	R01	A00	686	BASE		1							

STRUCTURAL PARTS

PU-2.5VJA.UK, PU-3VJA.UK, PU-3YJA.UK

PU-2.5VJA1.UK, PU-3VJA1.UK, PU-3YJA1.UK



No.	Part No.	Part Name	Specification	Q'ty/set			Remarks (Deawing No)	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-2.5 VJA.UK VJA1.UK	PU-3 VJA.UK VJA1.UK	PU-3 YJA.UK YJA1.UK				Unit	Amount
1	R01 A00 641	TOP PANEL		1	1	1					
2	—	F. ST SCREW	(5×10)	13	13	13	(Z004M203H10)				
3	S70 001 668	FRONT PANEL		1	1	1					
4	S70 001 675	FAN GUARD		1	1	1					
5	R01 A00 655	PANEL HANDLE		3	3	3					
6	S70 001 661	SERVICE PANEL		1	1	1					
7	R01 A08 662	SIDE PANEL		1	1	1					
8	—	LABEL (MITSUBISHI)		1	1	1	(DG79R130H01)				
9	—	LABEL (BRAND)		1	1	1	(BC79G510H02)				
10	R01 A08 682	REAR PANEL		1	1	1					
11	R01 A00 658	PANEL COVER		1	1	1					
※12	R01 A08 698	REAR GUARD		1	1	1					
13	S70 030 130	MOTOR SUPPORT		1	1	1					
14	S70 001 686	BASE		1	1	1					

STRUCTURAL PARTS

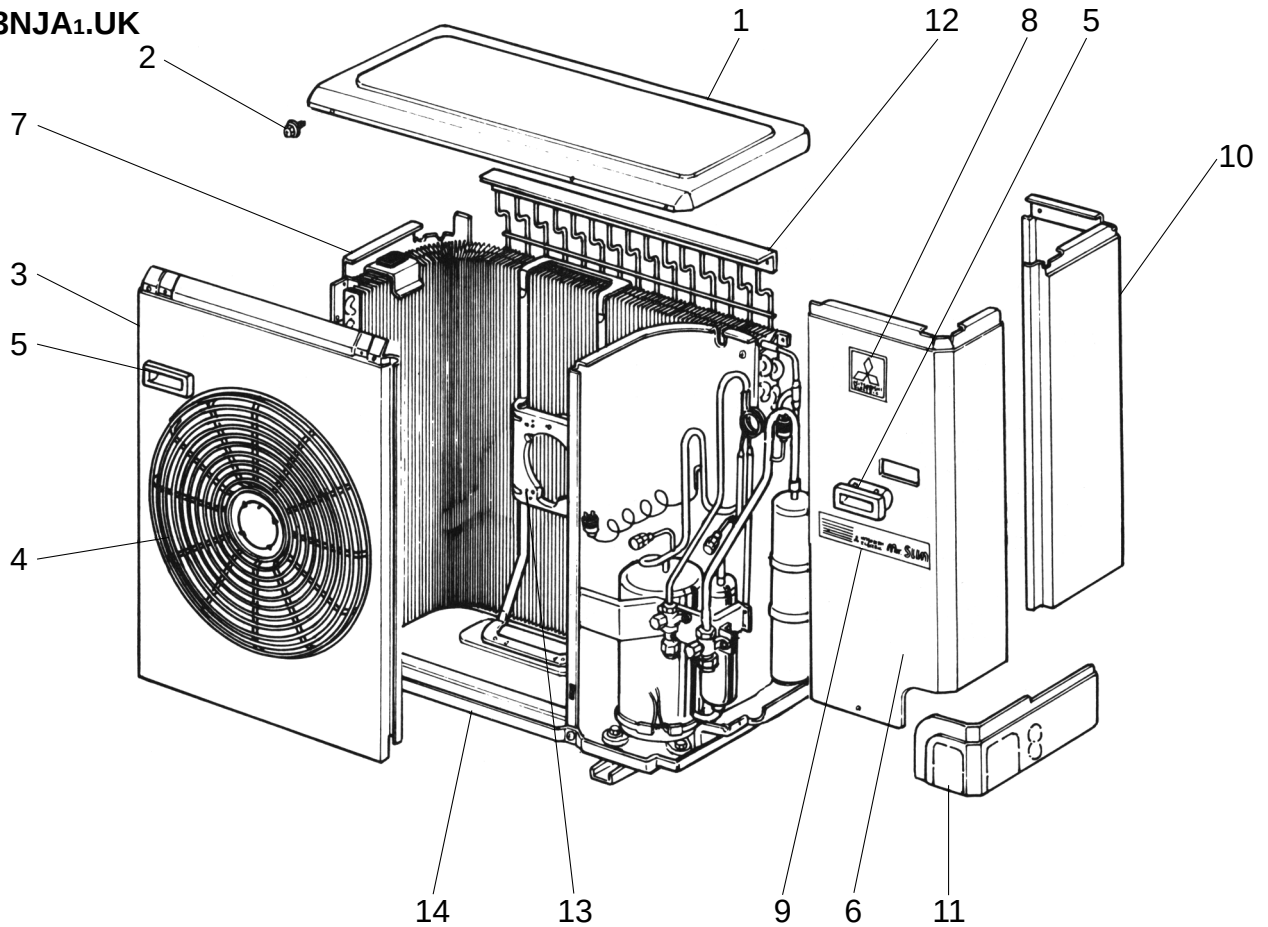
PU-2.5VJA₂.UK

PU-2.5NJA₁.UK

PU-3VJA₂.UK

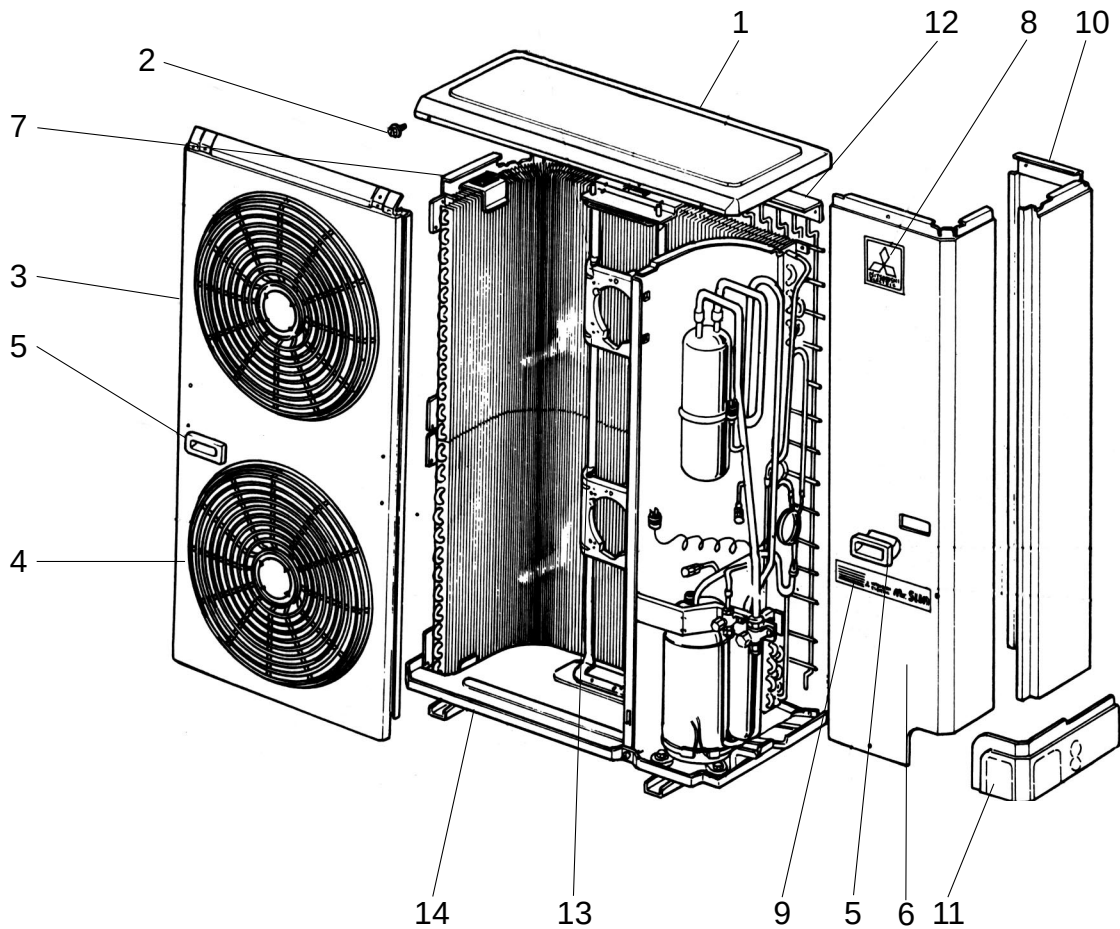
PU-3YJA₂.UK

PU-3NJA₁.UK



No.	Part No.	Part Name	Specification	Q'ty/set			Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
				PU-2.5	PU-3					Unit	Amount
				VJA ₂ .UK NJA ₁ .UK	VJA ₂ .UK YJA ₂ .UK	NJA ₁ .UK					
1	R01 A00 641	TOP PANEL		1	1	1					
2	—	F. ST SCREW	(5×10)	13	13	13	(Z004M207H10)				
3	R01 A08 668	FRONT PANEL		1	1	1					
4	R01 A00 675	FAN GUARD		1	1	1					
※5	R01 A00 655	PANEL HANDLE		3	3	3					
6	R01 A08 661	SERVICE PANEL		1	1	1					
※7	R01 A08 662	SIDE PANEL		1	1	1					
8	—	LABEL (MITSUBISHI)		1	1	1	(DG79R130H01)				
9	—	LABEL(BRAND)		1	1	1	(BC79G510H02)				
10	R01 A08 682	REAR PANEL		1	1	1					
11	R01 A00 658	PANEL COVER		1	1	1					
12	R01 A08 698	REAR GUARD		1	1	1					
※13	S70 030 130	MOTOR SUPPORT		1	1	1					
※14	R01 A04 686	BASE		1	1	1					

STRUCTURAL PARTS
PU-4VLJSA.UK, 4YJSA.UK
PU-4VLJSA₁.UK, 4YJSA₁.UK



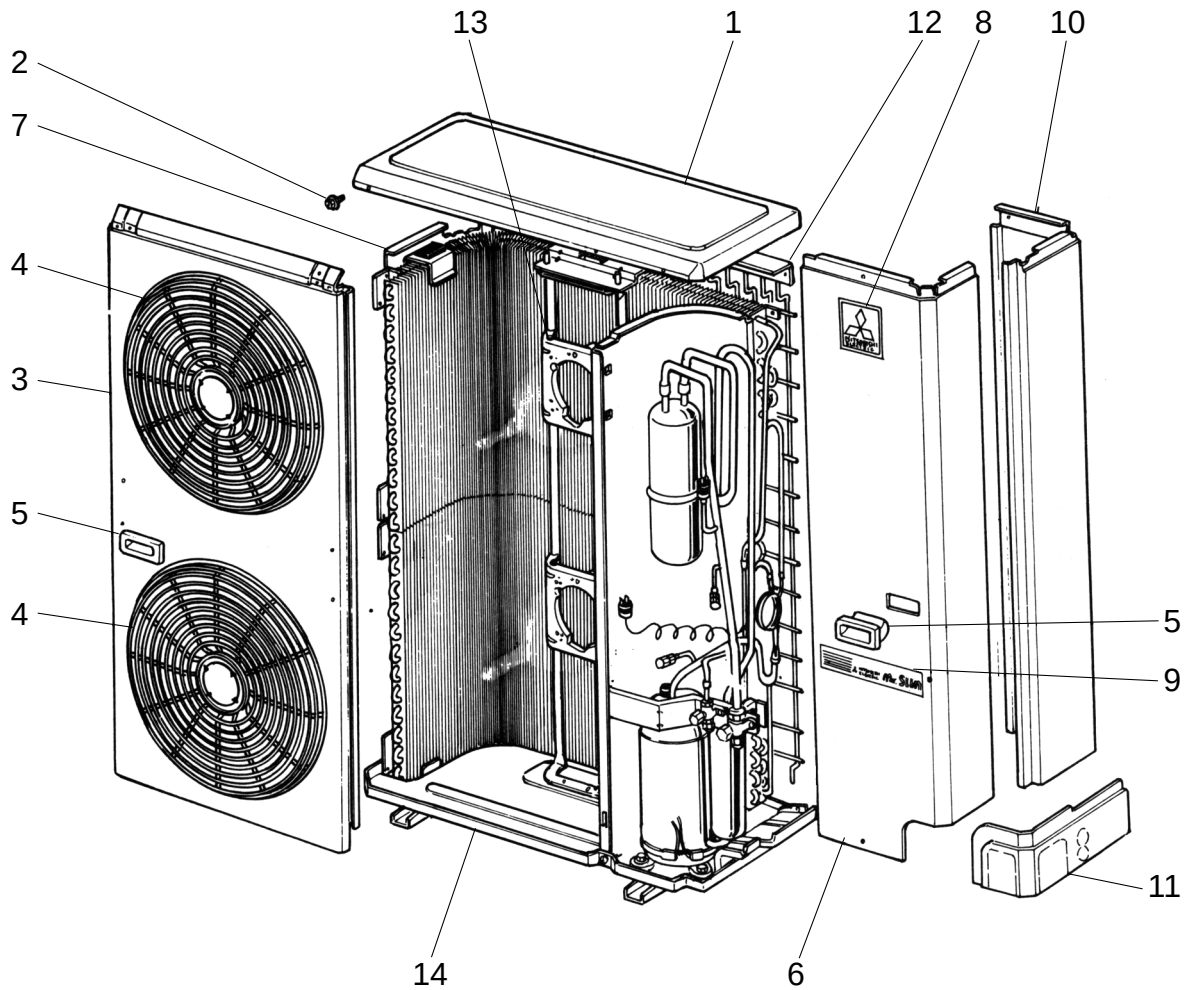
No.	Part No.	Part Name	Specification	Q'ty/set		Remarks (Deawing No)	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-4					Unit	Amount
				VLJSA.UK VLJSA _{ii} .UK	YJSA.UK YJSA _{ii} .UK					
1	R01 A00 641	TOP PANEL		1	1					
2	—	F. ST SCREW	(5×10)	13	13	(Z004M203H10)				
3	S70 004 668	FRONT PANEL		1	1					
4	S70 001 675	FAN GUARD		2	2					
5	T7W 510 241	PANEL HANDLE		3	3					
6	S70 004 661	SERVICE PANEL		1	1					
7	T7W 515 716	SIDE PANEL		1	1					
8	—	LABEL (MITSUBISHI)		2	2	(DG79R130H01)				
9	—	LABEL (BRAND)		1	1	(BG79G510H02)				
10	R01 A11 682	REAR PANEL		1	1					
11	R01 A00 658	PANEL COVER		1	1					
12	R01 A11 698	REAR GUARD		1	1					
13	S70 004 130	MOTOR SUPPORT		1	1					
14	S70 001 686	BASE		1	1					

STRUCTURAL PARTS

PU-4VLJSA₂.UK

PU-4YJSA₂.UK

PU-4TJSA₁.UK

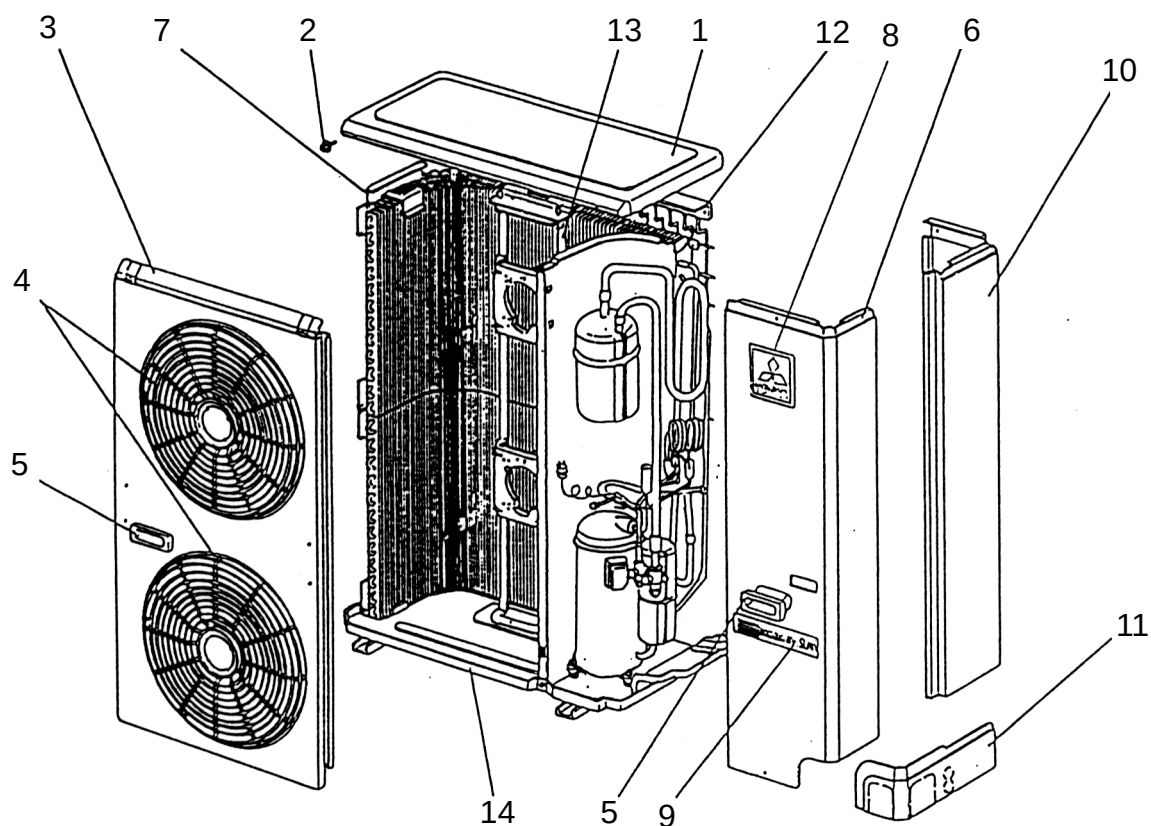


No.	Part No.			Part Name	Specification	Q'ty/set	Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
						PU-4				Unit	Amount
						VLJSA ₂ .UK YJSA ₂ .UK TJSA ₁ .UK					
1	R01	A00	641	TOP PANEL		1					
2	—			F. ST SCREW	(5×10)	13	(Z004M203H10)				
3	R01	A11	668	FRONT PANEL		1					
4	R01	A00	675	FAN GUARD		2					
※ 5	R01	A00	655	PANEL HANDLE		3					
6	R01	A11	661	SERVICE PANEL		1					
7	R01	A11	662	SIDE PANEL		1					
8	—			LABEL (MITSUBISHI)		1	(DG79R130H01)				
9	—			LABEL(BRAND)		1	(BC79G510H02)				
10	R01	A11	682	REAR PANEL		1					
11	R01	A00	658	PANEL COVER		1					
12	R01	A11	698	REAR GUARD		1					
13	S70	004	130	MOTOR SUPPORT		1					
14	R01	A10	686	BASE		1					

STRUCTURAL PARTS

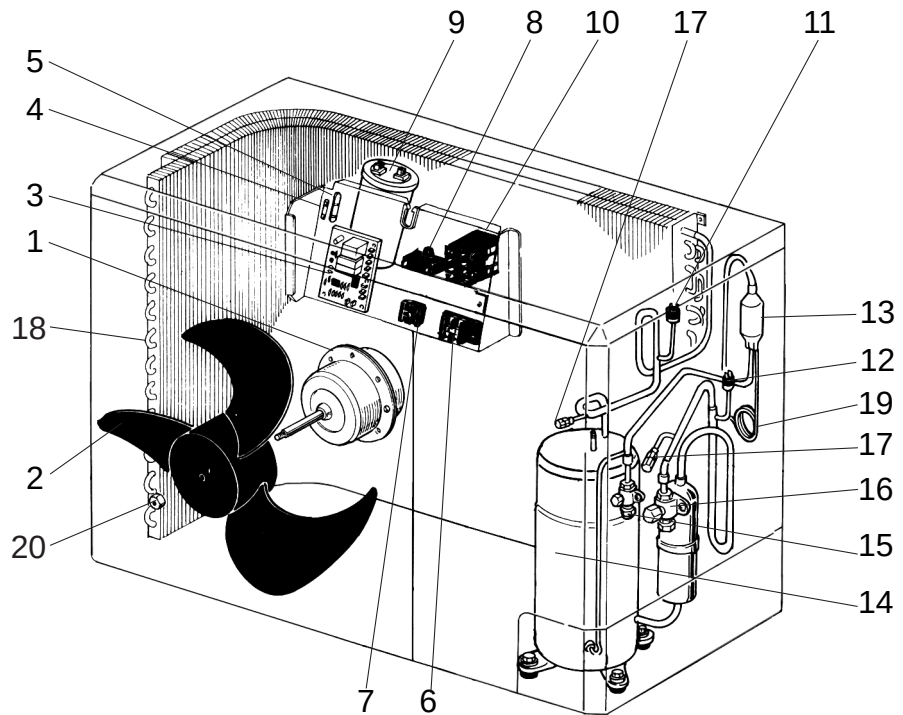
PU-5YJSA.UK, PU-5TJSA.UK

PU-6YJSA.UK, PU-6TJSA.UK



No.	Part No.	Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
				PU-5	PU-6				Unit	Amount
				TJSA.UK YJSA.UK	TJSA.UK YJSA.UK					
1	R01 A14 641	TOP PANEL		1	1					
2	—	F. ST SCREW	(5×10)	13	13	(Z004M203H10)				
3	S70 010 668	FRONT PANEL		1	1					
4	S70 001 675	FAN GUARD		2	2					
※ 5	R01 A00 655	PANEL HANDLE		3	3					
6	R01 A14 661	SERVICE PANEL		1	1					
7	R01 A14 662	SIDE PANEL		1	1					
8	—	LABEL (MITSUBISHI)		1	1	(DG79R130H01)				
9	—	LABEL(BRAND)		1	1	(BC79G510H02)				
10	R01 A14 682	REAR PANEL		1	1					
11	R01 A14 658	PANEL COVER		1	1					
12	R01 A14 698	REAR GUARD		1	1					
13	S70 050 130	MOTOR SUPPORT		1	1					
14	S70 010 686	BASE		1	1					

FUNCTIONAL PARTS
PU-1.6VLJA.UK
PU-1.6VLJA₁.UK
PU-1.6VLJA₂.UK



No.	Part No.	Part Name	Specification	Q'ty/set PU-1.6			Remarks	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				VLJA .UK	VLJA ₁ .UK	VLJA ₂ .UK				Unit	Amount
1	S70 020 763	OUTDOOR FAN MOTOR	PN6V85-UA	1	1	1		MF3			
2	R01 A00 115	PROPELLER FAN		1	1	1					
3	T7W 965 282	COMPRESSOR PROTECTOR	230V	1				CP			
	T7W A00 282	COMPRESSOR PROTECTOR			1	1		CP			
4	T7W 510 239	FUSE	230V 5A		1	1		F3			
	T7W 101 239	FUSE	250V 5A	1				F3			
* 5	T7W 510 241	FUSE HOLDER			1	1					
	R01 556 241	FUSE HOLDER		1							
6	T7W 509 716	TERMINAL BLOCK	3P(L,N,⊕)		1	1		TB1			
	T7W 607 716	TERMINAL BLOCK	2P(A,N)	1				TB1			
7	T7W 515 716	TERMINAL BLOCK	2P(1,2)		1	1		TB3			
	R01 556 246	TERMINAL BLOCK	2P(1,2)	1				TB3			
8	R01 A00 255	OUTDOOR FAN CAPACITOR	2.5μF 440V	1	1	1		C3			
9	S70 010 723	COMPRESSOR CAPACITOR	35μF 420V	1	1	1		C			
10	T7W 249 708	CONTACTOR	S-U12 230VAC	1	1			52C			
	T7W A04 708	CONTACTOR	MSO-N25KF			1					
11	T7W 001 208	HIGH PRESSURE SWITCH	CUT 3.3Mpa	1	1	1		63H			
12	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05Mpa	1	1	1		63L			
13	T7W 001 440	ACCUMULATOR		1	1	1					
14	T92 547 452	COMPRESSOR	RH247VFC	1	1	1		MC			
15	R01 943 410	BALL VALVE	3/8"	1	1	1					
16	R01 943 411	BALL VALVE	5/8"	1	1	1					
* 17	R01 590 413	CHARGE PLUG			1						
* 17	R01 02L 413	CHARGE PLUG			1	2					
* 17	R01 943 413	CHARGE PLUG		2							
18	R01 K81 408	HEAT EXCHANGER		1	1	1					
19	R01 Z13 425	CAPILLARY TUBE	φ3.2×φ1.8×900mm	1	1	1					
* 20	R01 30L 097	NUT	M8	1	1	1					

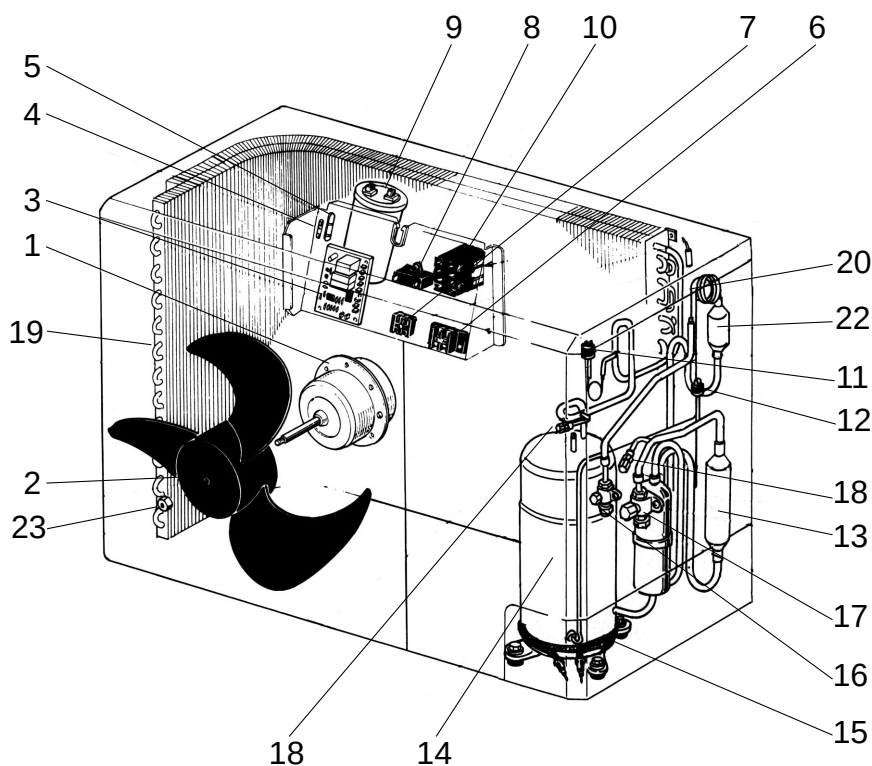
FUNCTIONAL PARTS

PU-2VJA.UK

PU-2VJA₁.UK

PU-2VJA₂.UK

PU-2NJA₁.UK



No.	Part No.	Part Name	Specification	Q'ty/set	Remarks (Deawing No)	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-2				Unit	Amount
				VJA.UK					
1	S70 020 763	FAN MOTOR	PN6V85-UA	1		MF3			
2	R01 A00 115	PROPELLER FAN		1					
3	T7W 965 282	COMPRESSOR PROTECTOR	230V	1		CP			
4	T7W 101 239	FUSE	250V 5A	1		F3			
5	R01 556 241	FUSE HOLDER		1					
6	T7W 607 716	TERMINAL BLOCK	2P(A,N)	1		TB1			
7	R01 556 246	TERMINAL BLOCK	2P(1,2)	1		TB3			
8	R01 A00 255	RUN CAPACITOR	2.5 μ F 440V	1		C3			
9	S70 020 723	RUN CAPACITOR	45 μ F 440V	1		C			
10	T7W 320 708	CONTACTOR	S-K19 AC 230V	1		52C			
11	T7W 001 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1		63H			
12	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05MPa	1		63L			
13	T7W 001 440	ACCUMULATOR		1					
14	T92 502 400	COMPRESSOR	NHJ41VMD	1		MC			
15	T7W 003 236	CRANKCASE HEATER	240V 38W	1		HC			
16	R01 943 410	BALL VALVE	3/8"	1					
17	R01 943 411	BALL VALVE	5/8"	1					
18	R01 943 413	CHARGE PLUG		2					
19	R01 K85 408	HEAT EXCHANGER		1					
20	S70 030 425	CAPILLARY TUBE	$\phi 3.2 \times \phi 2.0 \times 430\text{mm}$	1					
※ 21	S70 060 425	CAPILLARY TUBE	$\phi 3.2 \times \phi 2.0 \times 520\text{mm}$	1					
22	T7W 030 450	STRAINER		1	injection				
※ 23	R01 30L 097	NUT	M8	1					



Part numbers that are circled are not shown in the figure.

No.	Part No.	Part Name	Specification	Q'ty/set			Remarks	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-2						Unit	Amount
				NJA ₁ .UK	VJA ₁ .UK	VJA ₂ .UK					
1	S70 020 763	OUTDOOR FAN MOTOR	PN6V85-UA		1	1		MF3			
	T7W E00 763	OUTDOOR FAN MOTOR	PS6V85-UA	1				MF3			
2	R01 A00 115	PROPELLER FAN		1	1	1					
3	T7W 967 282	COMPRESSOR PROTECTOR	220V	1				CP			
	T7W A00 282	COMPRESSOR PROTECTOR	230V		1	1		CP			
4	T7W 510 239	FUSE	250V 5A	1	1	1		F3			
5	T7W 510 241	FUSE HOLDER		1	1	1					
6	T7W 509 716	TERMINAL BLOCK	3P(L,N,⊕)	1	1	1		TB1			
7	T7W 515 716	TERMINAL BLOCK	2P(1,2)	1	1	1		TB3			
8	R01 A00 255	OUTDOOR FAN CAPACITOR	2.5μF 440V	1	1	1		C3			
9	S70 015 723	COMPRESSOR CAPACITOR	50μF 420V	1				C			
	S70 020 723	COMPRESSOR CAPACITOR	45μF 440V		1	1		C			
10	R01 44L 225	CONTACTOR	S-K25 220V AC	1				52C			
	T7W 517 708	CONTACTOR	SN20EX AC 230V		1			52C			
	T7W A04 708	CONTACTOR	MOS-N25KF			1		52C			
11	T7W A04 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1				63H			
	T7W 001 208	HIGH PRESSURE SWITCH	CUT 3.3MPa		1	1		63H			
12	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05MPa	1	1	1		63L			
13	T7W 001 440	ACCUMULATOR		1	1	1					
14	T97 504 400	COMPRESSOR	NHJ33NBD	1				MC			
	T92 502 400	COMPRESSOR	NHJ41VMD		1	1		MC			
※15	T7W A04 236	CRANKCASE HEATER	240V 38W		1	1		HC			
16	R01 943 410	BALL VALVE	3/8"	1	1	1					
17	R01 943 411	BALL VALVE	5/8"	1	1	1					
18	R01 02L 413	CHARGE PLUG		2							
	R01 590 413	CHARGE PLUG			2	2					
19	R01 K85 408	HEAT EXCHANGER		1	1	1					
20	S70 030 425	CAPILLARY TUBE	φ3.2×φ2.0×430mm	1	1	1					
※21	S70 060 425	CAPILLARY TUBE	φ3.2×φ2.0×520mm	2	1	1					
22	T7W 030 450	STRAINER			1	1					
※23	R01 30L 097	NUT	M8	1	1	1					

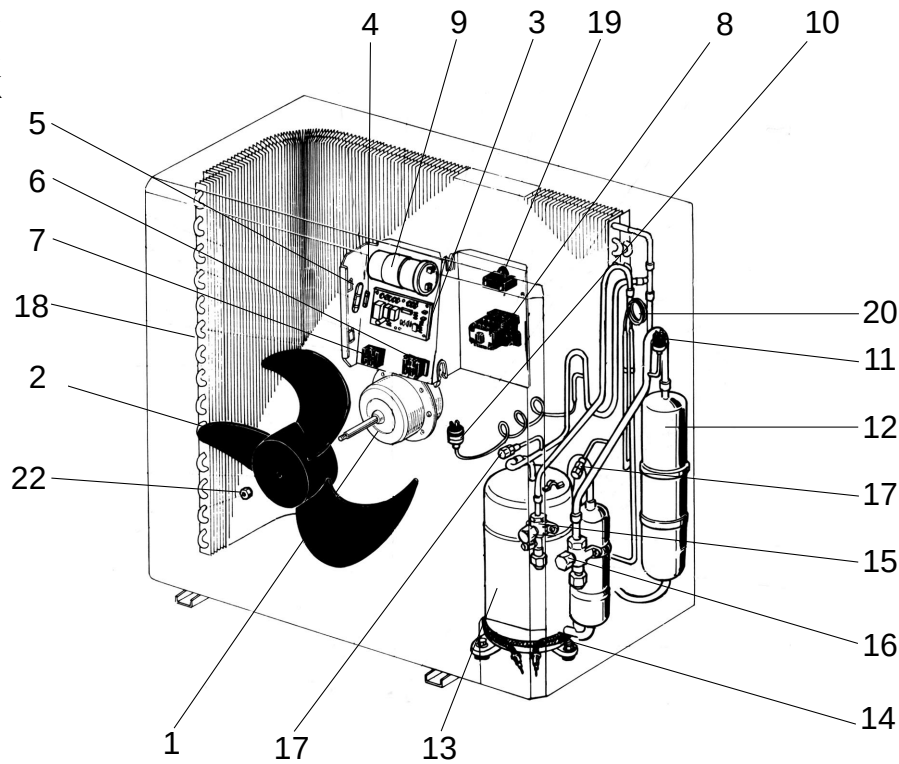
FUNCTIONAL PARTS

PU-2.5VJA.UK

PU-2.5VJA₁.UK

PU-2.5VJA₂.UK

PU-2.5NJA₁.UK



No.	Part No.	Part Name	Specification	Q'ty/set	Remarks (Deawing No)	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-2.5 VJA.UK				Unit	Amount
1	S70 020 763	FAN MOTOR	PN6V85-UA	1		MF3			
2	R01 A00 115	PROPELLER FAN		1					
3	T7W 965 282	COMPRESSOR PROTECTOR		1		CP			
4	T7W 101 239	FUSE	250V 5A	1		F3			
5	R01 556 241	FUSE HOLDER		1					
6	T7W 607 716	TERMINAL BLOCK	2P(A,N)	1		TB1			
7	R01 556 246	TERMINAL BLOCK	2P(1,2)	1		TB3			
8	T7W 320 708	CONTACTOR	S-K19 AC 230V	1		52C			
9	S70 030 723	RUN CAPACITOR	45 μ F 440V	1		C			
10	T7W 001 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1		63H			
11	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05MPa	1		63L			
12	R01 A08 440	ACCUMULATOR		1					
13	T92 502 400	COMPRESSOR	NHJ41VMD	1		MC			
14	T7W 003 236	CRANKCASE HEATER	240V 38W	1		HC			
15	R01 943 410	BALL VALVE	3/8"	1					
16	R01 951 411	BALL VALVE	5/8"	1					
17	R01 590 413	CHARGE PLUG		2					
18	T7W 900 408	HEAT EXCHANGER		1					
19	R01 576 255	RUN CAPACITOR	3 μ F 440V	1		C3			
※ 20	R01 600 425	CAPILLARY TUBE	ϕ 3.2 $\times$ ϕ 1.6 $\times$ 760mm	2					
21	R01 001 425	CAPILLARY TUBE	ϕ 3.2 $\times$ ϕ 1.2 $\times$ 1000mm	1	injection				
※ 22	R01 30L 097	NUT	M8	1					

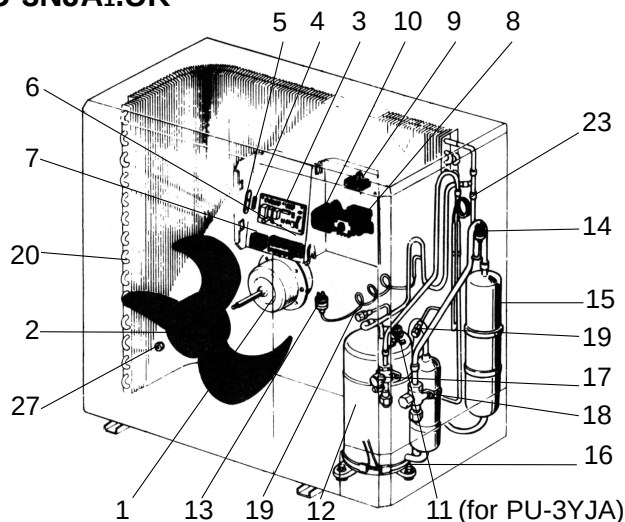


Part numbers that are circled are not shown in the figure.

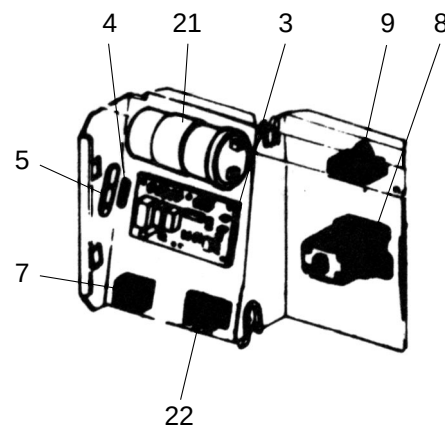
No.	Part No.	Part Name	Specification	Q'ty/set			Remarks	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-2.5						Unit	Amount
				NJA ₁ .UK	VJA ₁ .UK	VJA ₂ .UK					
1	S70 020 763	FAN MOTOR	PN6V-85UA		1	1		MF3			
	T7W E00 763	FAN MOTOR	PS6V-85UA	1				MF3			
2	R01 A00 115	PROPELLER FAN		1	1	1					
3	T7W 967 282	COMPRESSOR PROTECTOR	220V	1				CP			
	T7W A00 282	COMPRESSOR PROTECTOR	230V		1	1		CP			
4	T7W 510 239	FUSE	250V 5A	1	1	1		F3			
5	T7W 510 241	FUSE HOLDER		1	1	1					
6	T7W 509 716	TERMINAL BLOCK	3P(L,N,Ⓢ)	1	1	1		TB1			
7	T7W 515 716	TERMINAL BLOCK	2P(1,2)	1	1	1		TB3			
※	R01 44L 225	CONTACTOR	S-N25 200V AC	1				52C			
	T7W 517 708	CONTACTOR	S-N20 230V AC		1			52C			
	T7W A04 708	CONTACTOR	MSO-N25			1		52C			
9	S70 035 723	COMPRESSOR CAPACITOR	60μF 400V	1				C			
	S70 030 723	COMPRESSOR CAPACITOR	45μF 400V		1	1		C			
10	T7W 001 208	HIGH PRESSURE SWITCH	CUT 3.3MPa		1	1		63H			
	T7W A04 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1				63H			
11	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05MPa	1	1	1		63L			
12	R01 A08 440	ACCUMULATOR		1	1	1					
13	T97 506 400	COMPRESSOR	NHJ38NBD	1				MC			
	T92 502 400	COMPRESSOR	NHJ41VMD		1	1		MC			
※	T7W A05 236	CRANKCASE HEATER	240V 38W		1	1		HC			
15	R01 943 410	BALL VALVE	3/8"	1	1	1					
16	R01 951 411	BALL VALVE	5/8"	1	1	1					
17	R01 02L 413	CHARGE PLUG		2							
	R01 590 413	CHARGE PLUG			2	2					
18	T7W 900 408	HEAT EXCHANGER		1	1	1					
19	R01 576 255	RUN CAPACITOR	3μF 440V	1	1	1		C3			
20	R01 600 425	CAPILLARY TUBE	φ3.2×φ1.6×760mm	2	2	2					
②1	R01 001 425	CAPILLARY TUBE	φ3.2×φ1.2×1000mm		1	1					
	T7W 400 425	CAPILLARY TUBE	φ3.2×φ1.2×1000mm	1							
※	R01 30L 097	NUT	M8	1	1	1					

FUNCTIONAL PARTS

PU-3VJA.UK, PU-3VJA1.UK, PU-3VJA2.UK
 PU-3YJA.UK, PU-3YJA1.UK, PU-3YJA2.UK
 PU-3NJA1.UK



PU-3NJA1.UK
 PU-3VJA.UK, PU-3VJA1.UK
 PU-3VJA2.UK



Part numbers that are circled are not shown in the figure.

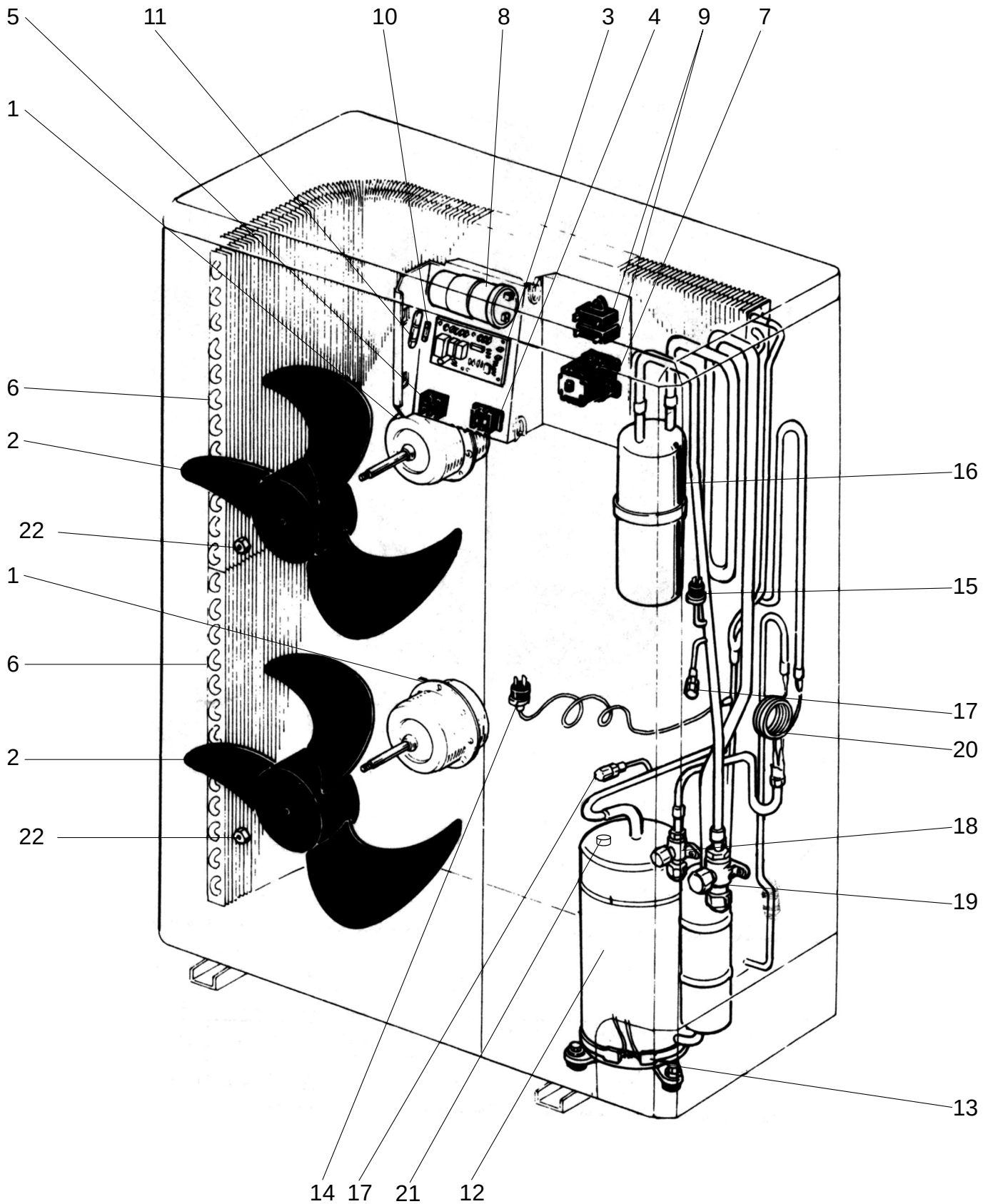
No.	Part No.	Part Name	Specification	Q'ty/set				Remarks	Wiring Diagram Symbol	Recommended Q'ty	Price	
				YJA.UK	YJA1.UK	VJA.UK	VJA1.UK				Unit	Amount
1	S70 020 763	FAN MOTOR	PN6V85-UA	1	1	1	1		MF3			
2	R01 A00 115	PROPELLER FAN		1	1	1	1					
3	T7W 965 282	COMPRESSOR PROTECTOR		1		1			CP			
	T7W A00 282	COMPRESSOR PROTECTOR			1		1		CP			
4	T7W 510 239	FUSE	250V 5A		1		1		F3			
	T7W 101 239	FUSE	250V 5A	1		1			F3			
5	T7W 510 241	FUSE HOLDER			1		1					
	R01 556 241	FUSE HOLDER		1		1						
6	T7W 511 716	TERMINAL BLOCK	5P(L1,L2,L3,N,⊙)		1				TB1			
	T7W 607 716	TERMINAL BLOCK	2P(A,N)			1			TB1			
	T7W 617 715	TERMINAL BLOCK	4P(A1,A2,A3,N)	1					TB1			
7	T7W 515 716	TERMINAL BLOCK	2P(1,2)		1		1		TB3			
	R01 556 246	TERMINAL BLOCK	2P(1,2)	1		1			TB3			
8	T7W 205 708	CONTACTOR	9A-9.0A 230VAC	1	1				51C 52C			
	T7W 616 709	CONTACTOR	S-N25 230 AC			1	1		52C			
9	R01 576 255	RUN CAPACITOR	3μF 440V	1	1	1	1		C3			
10	T7W 104 290	REVERSED-PHASE PROTECTOR		1	1				47			
11	R01 652 238	COMPRESSOR THERMAL SWITCH	CS-7-2590	1	1				26C			
12	T97 512 400	COMPRESSOR	NHJ52YDA	1	1				MC			
	T97 514 400	COMPRESSOR	NHJ52VND			1	1		MC			
13	T7W 001 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1	1	1	1		63H			
14	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05MPa	1	1	1	1		63L			
15	R01 A08 440	ACCUMULATOR		1	1	1	1					
16	T7W A05 236	CRANKCASE HEATER			1		1		HC			
	T7W 003 236	CRANKCASE HEATER		1		1			HC			
17	R01 943 410	BALL VALVE	3/8"	1	1	1	1					
18	R01 951 411	BALL VALVE	5/8"	1	1	1	1					
19	R01 590 413	CHARGE PLUG		2	2	2	2					
20	R01 K91 408	HEAT EXCHANGER		1	1	1	1					
21	S70 035 723	COMPRESSOR CAPACITOR	60μF 400V			1	1		C			
22	T7W 509 716	TERMINAL BLOCK	3P(L,N,⊙)				1		TB1			
23	R01 588 425	CAPILLARY TUBE	φ3.2×φ1.8×800mm	2	2	2	2					
24	S70 070 425	CAPILLARY TUBE	φ3.2×φ1.4×800mm	1	1							
25	S70 060 425	CAPILLARY TUBE	φ3.2×φ2.0×520mm			1	1					
27	R01 30L 097	NUT	M8	1	1	1	1					

Part numbers that are circled are not shown in the figure.

	No.	Part No.	Part Name	Specification	Q'ty/set			Remarks	Wining Diagram Symbol	Recom- mended Q'ty	Price	
					PU-3						Unit	Amount
					YJA ₂ .UK	NJA ₁ .UK	VJA ₂ .UK					
1		S70 020 763	FAN MOTOR	PN6V-85UA	1		1		MF3			
		T7W E00 763	FAN MOTOR	PS6V-85UA		1			MF3			
※	2	R01 A00 115	PROPELLER FAN		1	1	1					
※	3	T7W A00 282	COMPRESSOR PROTECTOR		1		1		CP			
		T7W 967 282	COMPRESSOR PROTECTOR	220V		1			CP			
※	4	T7W 510 239	FUSE	250V 5A	1	1	1		F3			
※	5	T7W 510 241	FUSE HOLDER		1	1	1					
	6	T7W 511 716	TERMINAL BLOCK	5P(L1,L2,L3,N,⊙)	1				TB1			
	7	T7W 515 716	TERMINAL BLOCK	2P(1,2)	1	1	1		TB3			
	8	T7W A07 708	CONTACTOR	MSO-N12K	1				51C 52C			
		R01 44L 225	CONTACTOR	S-K25 S-N25 230VAC		1			52C			
		T7W 616 709	CONTACTOR	S-N25 230 AC			1		52C			
	9	R01 576 255	RUN CAPACITOR	3μF 440V	1	1	1		C3			
	10	T7W 104 290	REVERSED-PHASE PROTECTOR		1				47			
	11	R01 652 238	COMPRESSOR THERMAL SWITCH	CS-7-2590	1				26C			
	12	T97 512 400	COMPRESSOR	NHJ52YDA	1				MC			
		T97 507 400	COMPRESSOR	NHJ47NAD		1			MC			
		T97 514 400	COMPRESSOR	NHJ52VND			1		MC			
	13	T7W A04 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1	1	1		63H			
	14	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05MPa	1	1	1		63L			
	15	R01 A08 440	ACCUMULATOR		1	1	1					
	16	T7W A05 236	CRANKCASE HEATER	210V 38W	1		1		HC			
		T7W A06 236	CRANKCASE HEATER	220V 38W		1			HC			
	17	R01 943 410	BALL VALVE	3/8"	1	1	1					
	18	R01 951 411	BALL VALVE	5/8"	1	1	1					
	19	R01 590 413	CHARGE PLUG		2		2					
		R01 02L 413	CHARGE PLUG			2						
	20	R01 K91 408	HEAT EXCHANGER		1	1	1					
	21	S70 035 723	COMPRESSOR CAPACITOR	60μF 400V		1	1		C			
	22	T7W 509 716	TERMINAL BLOCK	3P(L,N,⊙)		1	1		TB1			
	23	S70 050 425	CAPILLARY TUBE	φ3.2×φ1.8×800mm	2		2					
※	24	S70 060 425	CAPILLARY TUBE	φ3.2×φ2.0×520mm			1					
※	25	S70 070 425	CAPILLARY TUBE	φ3.2×φ1.4×800mm	1							
※	26	R01 588 425	CAPILLARY TUBE	φ3.2×φ1.8×800mm		2						
※		T7W A13 425	CAPILLARY TUBE	φ3.2×φ1.6×500mm		1						
※	27	R01 30L 097	NUT	M8	1	1	1					

FUNCTIONAL PARTS

PU-4VLJSA.UK, PU-4VLJSA1.UK, PU-4VLJSA2.UK





Part numbers that are circled are not shown in the figure.

No.	Part No.	Part Name	Specification	Q'ty/set			Remarks	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				VLJSA -UK	PU-4 VLJSA ₁ -UK	VLJSA ₂ -UK				Unit	Amount
1	S70 040 763	FAN MOTOR	PN6V60-UK	2	2	2		MF3,4			
2	R01 A00 115	PROPELLER FAN		2	2	2					
※ 3	T7W 965 282	COMPRESSOR PROTECTOR	230V	1				CP			
	T7W A00 282	COMPRESSOR PROTECTOR	230V		1	1		CP			
4	T7W 509 716	TERMINAL BLOCK	3P(L,N,⊙)		1	1		TB1			
	T7W 607 716	TERMINAL BLOCK	2P(A,N)	1				TB1			
5	T7W 515 716	TERMINAL BLOCK	2P(1,2)		1	1		TB3			
	R01 556 246	TERMINAL BLOCK	2P(1,2)	1				TB3			
6	R01 K92 408	HEAT EXCHANGER		2	2	2					
7	T7W 956 708	CONTACTOR	S-N35 230V AC	1	1	1		52C			
8	S70 040 723	COMPRESSOR CAPACITOR	60μF 450V	1	1	1		C			
9	R01 653 255	RUN CAPACITOR	4μF 440V	2	2	2		C3,4			
10	T7W 510 239	FUSE	250V 5A		1	1		F3			
	T7W 101 239	FUSE	250V 5A	1				F3			
11	T7W 510 241	FUSE HOLDER			1	1					
	R01 556 241	FUSE HOLDER		1							
12	T97 610 300	COMPRESSOR	NH56VND	1	1	1		MC			
13	T7W 003 236	CRANKCASE HEATER	240V 38W	1				HC			
	T7W A07 236	CRANKCASE HEATER	240V 38W		1	1		HC			
14	T7W 001 208	HIGH PRESSURE SWITCH	3.3MPa	1	1			63H			
	T7W A04 208	HIGH PRESSURE SWITCH	3.3MPa			1		63H			
15	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05MPa	1	1	1		63L			
16	T7W 013 440	ACCUMULATOR		1	1	1					
17	R01 590 413	CHARGE PLUG		2	2	2					
18	R01 943 410	BALL VALVE	3/8"	1	1	1					
19	R01 670 411	BALL VALVE	3/4"	1	1	1					
20	R01 Z16 425	CAPILLARY TUBE	φ3.2×φ2.0×840mm	2	2	2					
21	T7W A00 201	THERMOSTAT				1		26C			
※ 22	R01 30L 097	NUT	M8	2	2	2					
※ ㉓	S70 080 425	CAPILLARY TUBE	φ3.2×φ1.2×500mm	1	1	1					

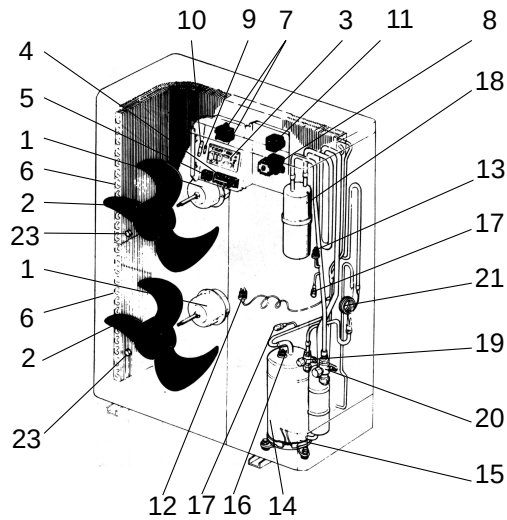
FUNCTIONAL PARTS

PU-4YJSA.UK

PU-4YJSA₁.UK

PU-4YJSA₂.UK

PU-4TJSA₁.UK



Part numbers that are circled are not shown in the figure.

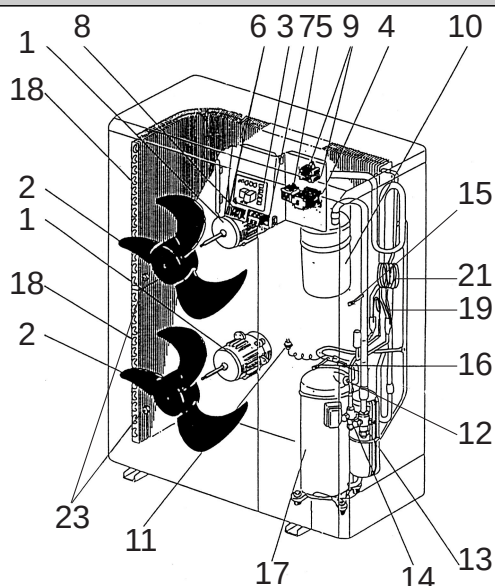
No.	Part No.	Part Name	Specification	Q'ty/set		Remarks	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-4					Unit	Amount
				YJSA .UK	YJSA ₁ .UK					
1	S70 040 763	FAN MOTOR	PN6V60-UN	2	2		MF3,4			
2	R01 A00 115	PROPELLER FAN		2	2					
※	3	T7W 965 282	COMPRESSOR PROTECTOR	1			CP			
		T7W A00 282	COMPRESSOR PROTECTOR	230V	1		CP			
	4	T7W 617 715	TERMINAL BLOCK	4P(L1,L2,L3,⊕)	1		TB1			
		T7W 511 716	TERMINAL BLOCK	5P(L1,L2,L3,N,⊕)	1		TB1			
	5	T7W 515 716	TERMINAL BLOCK	2P(1,2)	1		TB3			
		R01 556 246	TERMINAL BLOCK	2P(1,2)	1		TB3			
	6	R01 K92 408	HEAT EXCHANGER		2	2				
	7	R01 653 255	RUN CAPACITOR	4μF 400V	2	2		C3,4		
8	T7W 110 708	CONTACTOR	11A-9.8A	1	1		51C 52C			
9	T7W 510 239	FUSE	250V 5A		1		F3			
	T7W 101 239	FUSE	250V 5A	1			F3			
10	T7W 510 241	FUSE HOLDER			1					
	R01 556 241	FUSE HOLDER		1						
11	T7W 104 290	PHASE PROTECTOR		1	1		47			
12	T7W 001 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1	1		63H			
13	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05MPa	1	1		63L			
14	T97 601 400	COMPRESSOR	NHJ56YDA	1	1		MC			
※	15	T7W 003 236	CRANKCASE HEATER	240V 38W	1		HC			
		T7W A07 236	CRANKCASE HEATER	240V 38W	1		HC			
16	R01 652 238	TERMAL SWITCH	CS-7-2590	1	1		26C			
17	R01 590 413	CHARGE PLUG		2	2					
18	T7W 013 440	ACCUMULATOR		1	1					
19	R01 943 410	BALL VALVE	3/8"	1	1					
20	R01 670 411	BALL VALVE	3/4"	1	1					
21	R01 Z16 425	CAPILLARY TUBE	φ3.2×φ2.0×840mm	2	2					
22	T7W 402 425	CAPILLARY TUBE	φ3.2×φ1.2×500mm	1	1					
※	23	R01 30L 097	NUT	M8	2	2				



Part numbers that are circled are not shown in the figure.

No.	Part No.	Part Name	Specification	Q'ty/set		Remarks	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-4					Unit	Amount
				TJSA ₁ .UK	YJSA ₂ .UK					
1	S70 040 763	FAN MOTOR	PN6V60-UA		2		MF3,4			
	T7W E00 763	FAN MOTOR	PS6V85-UA	2			MF3,4			
2	R01 A00 115	PROPELLER FAN		2	2					
3	T7W 967 282	COMPRESSOR PROTECTOR	230V	1			CP			
	T7W A00 282	COMPRESSOR PROTECTOR	230V		1		CP			
4	T7W 513 716	TERMINAL BLOCK	4P(L1,L2,L3,⊕)	1			TB1			
	T7W 511 716	TERMINAL BLOCK	5P(L1,L2,L3,N,⊕)		1		TB1			
5	T7W 515 716	TERMINAL BLOCK	2P(1,2)	1	1		TB3			
6	R01 K92 408	HEAT EXCHANGER		2	2					
7	R01 653 255	RUN CAPACITOR	4μF 400V	2	2		C3,4			
8	T7W A04 708	CONTACTOR	MSO-N25K	1			51C 52C			
	T7W A05 708	CONTACTOR	MSO-N20K		1		51C 52C			
9	T7W 510 239	FUSE	250V 5A	1	1		F3			
10	T7W 510 241	FUSE HOLDER		1	1					
11	R01 748 290	PHASE PROTECTOR		1			47			
	T7W 104 290	PHASE PROTECTOR			1		47			
12	T7W A04 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1	1		63H			
13	T7W 965 209	LOW PRESSURE SWITCH	CUT 0.05MPa	1	1		63L			
14	T97 600 400	COMPRESSOR	NHJ56TKA	1			MC			
	T97 601 400	COMPRESSOR	NHJ56YDA		1		MC			
15	T7W A08 236	CRANKCASE HEATER	220V 38W	1			HC			
	T7W A07 236	CRANKCASE HEATER	240V 38W		1		HC			
16	R01 652 238	TERMAL SWITCH	CS-7-2590	1	1		26C			
17	R01 590 413	CHARGE PLUG			2					
	R01 02L 413	CHARGE PLUG		2						
18	T7W 013 440	ACCUMULATOR		1	1					
19	R01 943 410	BALL VALVE	3/8"	1	1					
20	R01 670 411	BALL VALVE	3/4"	1	1					
21	R01 Z16 425	CAPILLARY TUBE	φ3.2×φ2.0×840mm	2	2					
㊟	S70 080 425	CAPILLARY TUBE	φ3.2×φ1.2×500mm	1	1					
※	R01 30L 097	NUT	M8	2	2					

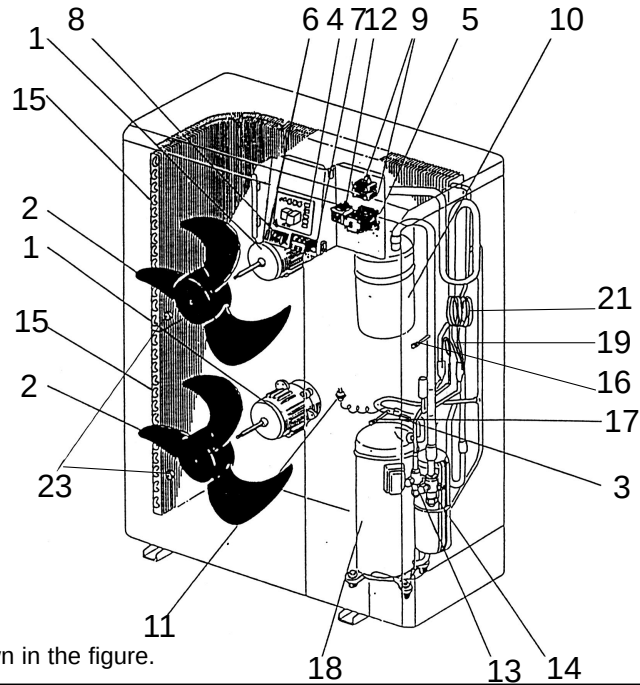
FUNCTIONAL PARTS
PU-5YJSA.UK
PU-6YJSA.UK



Part numbers that are circled are not shown in the figure.

No.	Part No.	Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wiring Diagram Symbol	Recom- mended Q'ty	Price	
				PU-5	PU-6				Unit	Amount
				YJSA.UK	YJSA.UK					
1	T7W 277 763	FAN MOTOR	PA6V100-UG	2	2		MF3,4			
2	R01 A00 115	PROPELLER FAN		2	2					
3	T7W 965 282	COMPRESSOR PROTECTOR	230V	1	1		CP			
4	T7W 517 708	CONTACTOR	S-N20EX	1	1		52C			
5	T7W 104 290	PHASE PROTECTOR		1	1					
6	T7W 510 239	FUSE	250V 5A	1	1		F3			
7	T7W 511 716	TERMINAL BLOCK	5P(L ₁ ,L ₂ ,L ₃ ,N,⊕)	1	1		TB1			
8	T7W 515 716	TERMINAL BLOCK	2P (1,2)	1	1		TB3			
9	R01 653 255	RUN CAPACITOR	4μF 440V	2	2		C3,4			
10	R01 A14 440	ACCUMULATOR		1	1					
11	T7W A04 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1	1		63H			
12	T7W A01 201	THERMOSTAT	UT12-2090K	1	1		26C			
13	R01 670 411	BALL VALVE	3/4"	1	1					
14	R01 943 410	BALL VALVE	3/8"	1	1					
15	R01 590 413	CHARGE PLUG		1	1					
16	R01 02L 413	CHARGE PLUG		1	1					
17	T97 511 500	COMPRESSOR	ZR61KC-TFD	1			MC			
	T97 530 502	COMPRESSOR	ZR72KC-TFD		1		MC			
18	S70 015 408	HEAT EXCHANGER		2						
	S70 016 408	HEAT EXCHANGER			2					
19	T7W A20 425	CAPILLARY TUBE	φ4.0×φ2.4×400mm	1						
	T7W A17 425	CAPILLARY TUBE	φ4.0×φ2.4×200mm		1					
20	R01 42L 450	STRAINER		1	1					
21	T7W A15 425	CAPILLARY TUBE	φ4.0×φ2.4×840mm	2						
	T7W A19 425	CAPILLARY TUBE	φ4.0×φ2.4×1,200mm		2					
22	T7W A00 401	DISCHARGE PRESSURE REGULATOR		1	1					
※ 23	R01 30L 097	NUT	M8	2	2					

FUNCTIONAL PARTS
PU-5TJSA.UK
PU-6TJSA.UK



Part numbers that are circled are not shown in the figure.

No.	Part No.	Part Name	Specification	Q'ty/set		Remarks (Drawing No.)	Wining Diagram Symbol	Recom- mended Q'ty	Price	
				PU-5	PU-6				Unit	Amount
				TJSA.UK	TJSA.UK					
1	S70 E00 763	FAN MOTOR	PN6N65-UA	2	2		MF3,4			
2	R01 A00 115	PROPELLER FAN		2	2					
3	T7W A01 201	THERMOSTAT	UT12-2090K	1	1		26C			
4	T7W 967 282	COMPRESSOR PROTECTOR	220V	1	1		CP			
5	T7W A15 708	CONTACTOR	S-N25EX	1	1		52C			
6	T7W 510 239	FUSE	250V 5A	1	1		F3			
7	T7W 513 716	TERMINAL BLOCK	4P (L ₁ ,L ₂ ,L ₃ ,Ⓢ)	1	1		TB1			
8	T7W 515 716	TERMINAL BLOCK	2P (1,2)	1	1		TB3			
9	R01 653 255	RUN CAPACITOR	4μF 440V	2	2		C3,4			
10	R01 A14 440	ACCUMULATOR		1	1					
11	T7W A04 208	HIGH PRESSURE SWITCH	CUT 3.3MPa	1	1		63H			
12	R01 748 290	PHASE PROTECTOR		1	1					
13	R01 943 410	BALL VALVE	3/8"	1	1					
14	R01 670 411	BALL VALVE	3/4"	1	1					
15	S70 015 408	HEAT EXCHANGER		2						
	S70 016 408	HEAT EXCHANGER			2					
16	R01 590 413	CHARGE PLUG		1	1					
17	R01 02L 413	CHARGE PLUG		1	1					
18	T97 512 500	COMPRESSOR	ZR61KC-TF5	1			MC			
	T97 521 501	COMPRESSOR	ZR68KC-TF5		1		MC			
19	T7W A20 425	CAPILLARY TUBE	φ4.0×φ2.4×400mm	1						
	T7W A17 425	CAPILLARY TUBE	φ4.0×φ2.4×200mm		1					
20	R01 42L 450	STRAINER		1	1					
21	T7W A15 425	CAPILLARY TUBE	φ4.0×φ2.4×840mm	2						
	T7W A16 425	CAPILLARY TUBE	φ4.0×φ2.4×740mm		2					
22	T7W A00 401	DISCHARGE PRESSURE REGULATOR		1	1					
※ 23	R01 30L 097	NUT	M8	2	2					

AIR OUTLET GUIDE

This guide is needed for changing the direction of the outdoor unit's air discharge upward or downward. For PU-4~6, 2 pcs of PAC-292SG are needed.

Part No.	PAC-292SG
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Unit : mm

