

PARTS CATALOG

R32

[Model Name]

EHGT17D-YM9ED

Revision:

- 1.SERVICE PARTS LIST has been changed.
- Some descriptions have been modified in REVISED EDITION-A.

OCB722 is void.

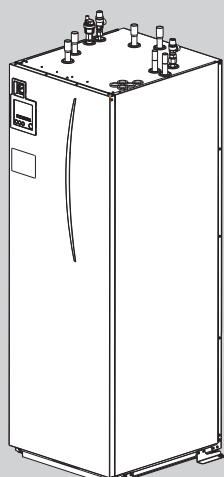
[Service Ref.]

EHGT17D-YM9ED.UK

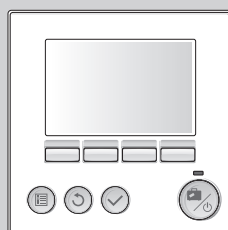
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SERVICE MANUAL (OCH722)

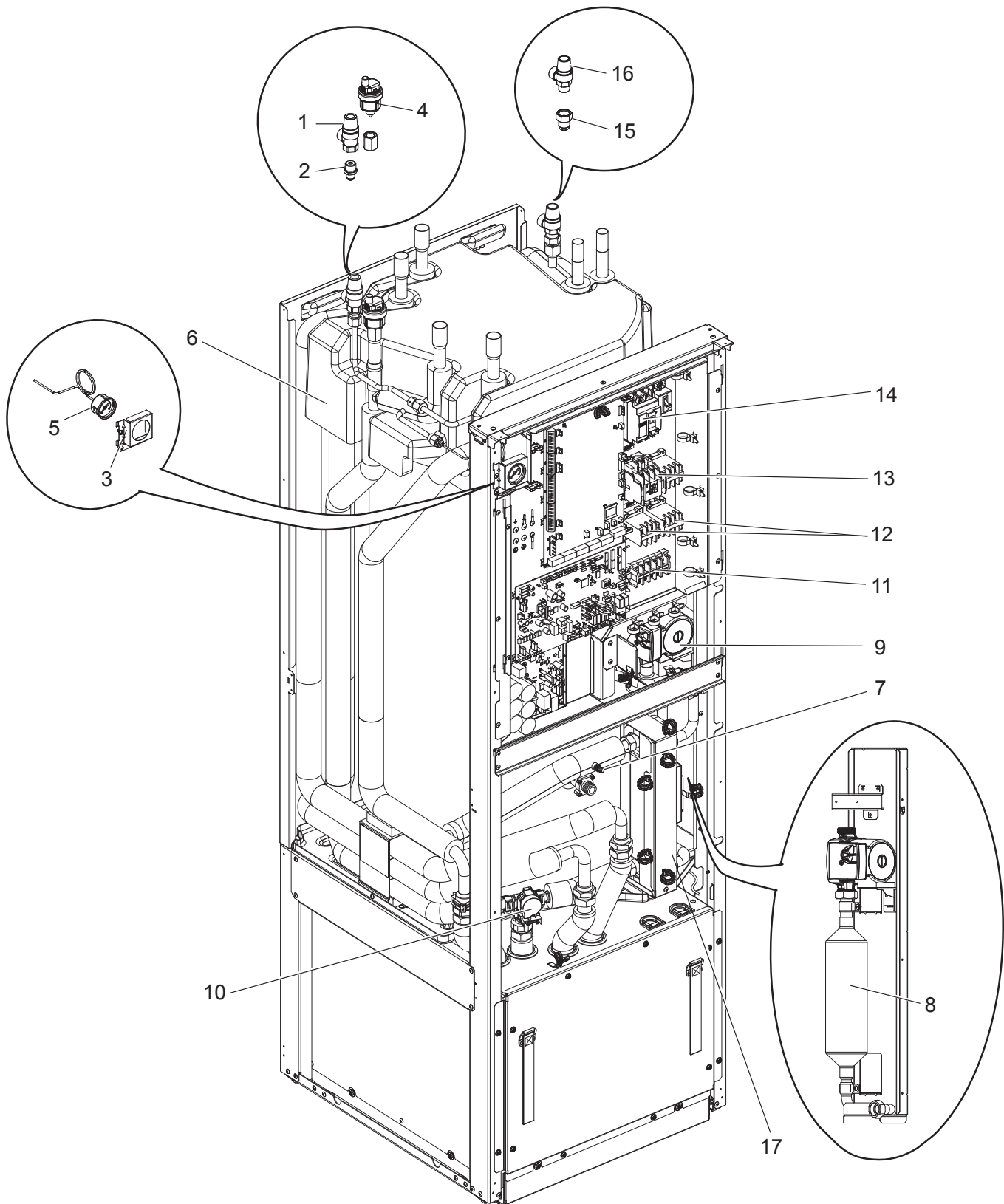


HEAT PUMP UNIT



**MAIN REMOTE
CONTROLLER**

EHGT17D-YM9ED.UK



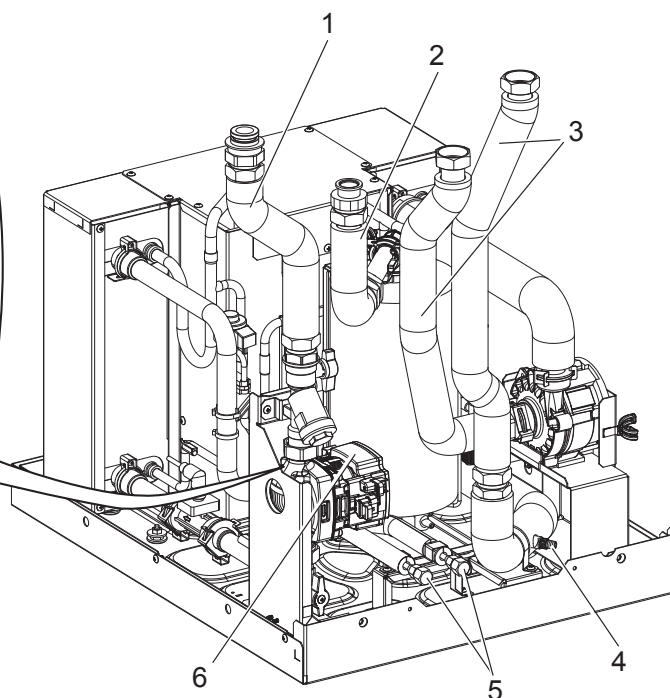
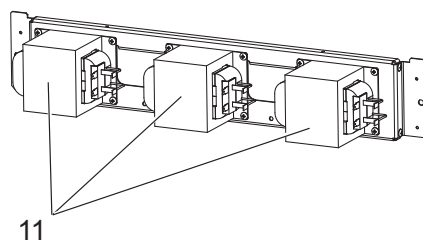
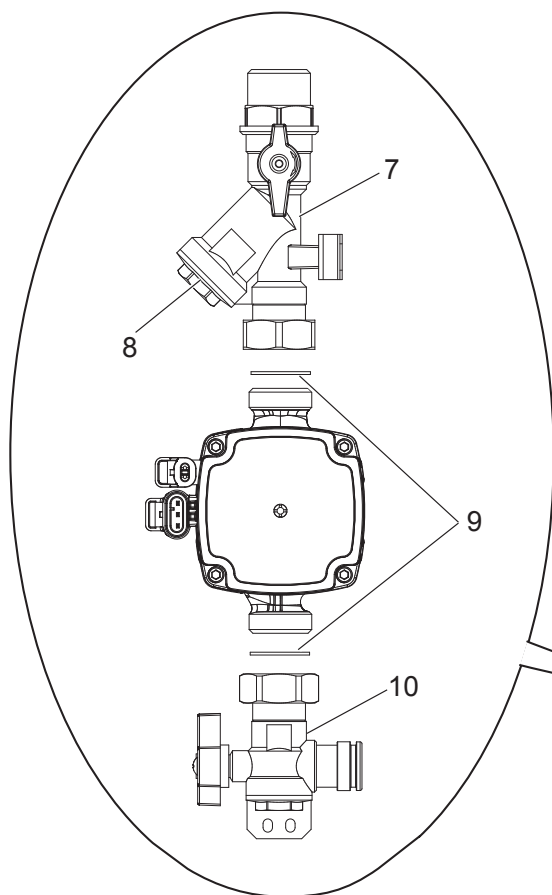
1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

No.	Parts No.	Parts name	EHGT17D-YM9ED.UK	Wiring diagram symbol	Remarks [Drawing No.]
1	S70 C21 404	PRESSURE RELIEF VALVE	1		3 bar/ 6 years*
2	S70 C60 096	FLARE JOINT	1		3/8F-R1/2
3	S70 C70 206	MANOMETER STAY	1		
4	S70 C18 150	AIR VENT (AUTOMATIC)	1		6 years*
5	S70 C20 205	MANOMETER	1		6 years*
6	—	TANK CUSHION TOP	1		[BX80A291G03]
7	S70 C10 358	DRAIN COCK/AIR VENT (WATER CAP ASSY 320)	1		6 years*/ FOR PRIMARY/SANITARY CIRCUIT
8	S70 G10 357	SCALE TRAP	1		
9	S70 C05 355	WATER PUMP	1	MP4	FOR SANITARY CIRCUIT
10	S70 C34 406	3WAY VALVE	1	3WV	
11	S70 E09 716	TERMINAL BLOCK	1	TB1	5P(L1, L2, L3, N, E)
12	S70 C39 708	CONTACTOR	2	BHCP, BHC1, BHC2, IHC	30 A
13	S70 C49 708	CONTACTOR	1	BHCP	30 A
14	S70 C70 239	EARTH LEAKAGE BREAKER	1	ECB1	3 Ø 30 A
15	S70 C70 096	FLARE JOINT	1		5/8F-R1/2
16	S70 C30 404	PRESSURE RELIEF VALVE	1		10 bar / FOR SANITARY SIDE
17	S70 G30 408	PLATE HEX	1		CB18-18H/ REFRIGERANT-BRINE
(18)	S70 C23 460	O-RING	12		BLACK
(19)	S70 C26 460	O-RING	6		BLACK/ FOR FLOW SENSOR
(20)	S70 C10 465	FASTENER	12		FOR QUICK CONNECTION
(21)	S70 C20 465	FASTENER	5		FOR FLOW SENSOR
(22)	S70 C40 465	FASTENER	3		3-WAY VALVE
(23)	S70 C01 800	GREASE	1**		100 g/ FOR QUICK CONNECTION
(24)	S70 C88 460	GASKET 1/4"	1		G1/4"/ FOR ONLY MANOMETER
(25)	S70 G30 202	THERMISTOR-W (AMBIENT)	1	TH7	1150/1150

Do not reuse the O-ring or strainer packing that was once removed, but be sure to replace with a new one.

* Required regular replacement.

** Apply grease appropriately on the O-ring for the quick connection in the unit.

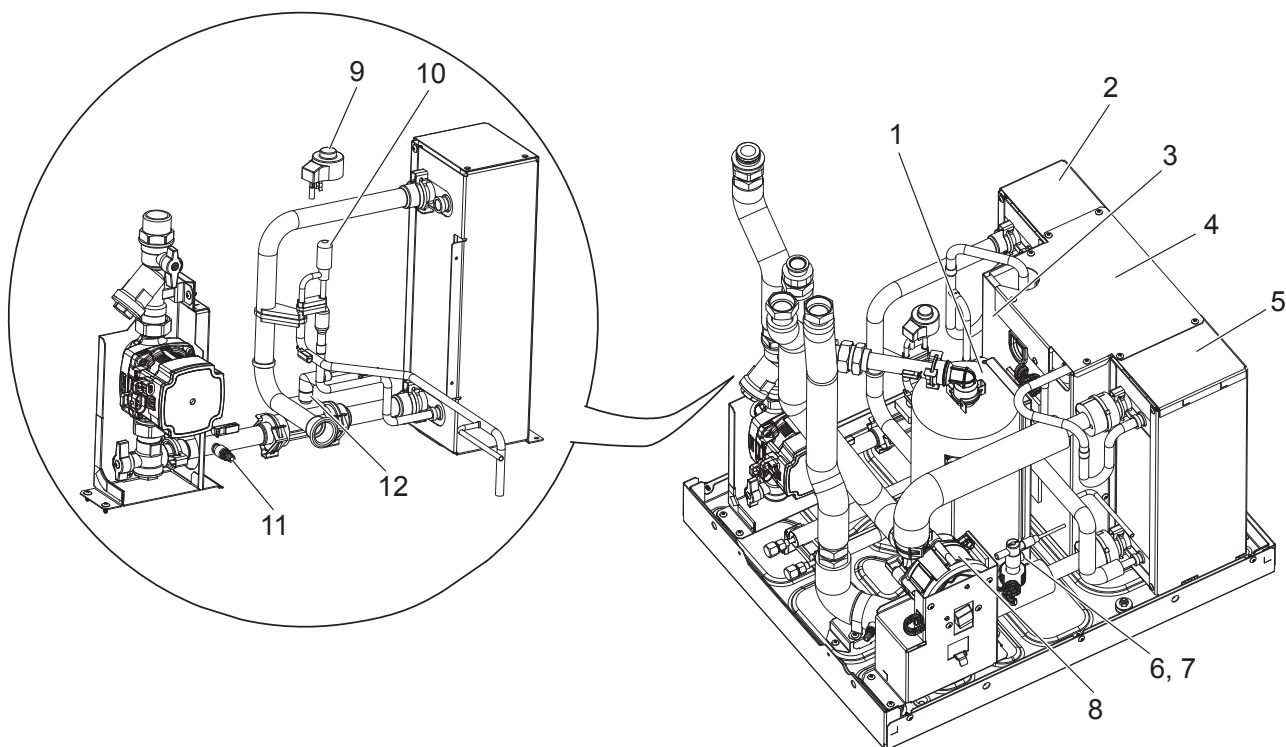


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No.	Parts No.	Parts name	EHGT17D-YM9ED.UK	Wiring diagram symbol	Remarks
1	S70 G30 601	FLEXIBLE HOSE	1		L257 mm
2	S70 G10 601	FLEXIBLE HOSE	1		L168 mm
3	S70 G20 601	FLEXIBLE HOSE	2		L500 mm
4	S70 C10 358	DRAIN COCK/AIR VENT (WATER CAP ASSY 320)	1		6 years* FOR PRIMARY/SANITARY CIRCUIT
5	S70 E05 413	CHARGE PLUG	2		
6	S70 C11 355	WATER PUMP	1		FOR PRIMARY CIRCUIT
7	S70 G10 452	STRAINER VALVE	1		
8	S70 C28 460	STRAINER PACKING	1		FOR STRAINER
9	S70 C55 460	GASKET 1"	2		
10	S70 C30 356	PUMP VALVE	1		
11	S70 K75 259	REACTOR	3	ACL1,2,3	
(12)	S70 G10 356	WATER PUMP CABLE (POWER)	1		
(13)	S70 G20 356	WATER PUMP CABLE (SIGNAL)	1		

* Required regular replacement.

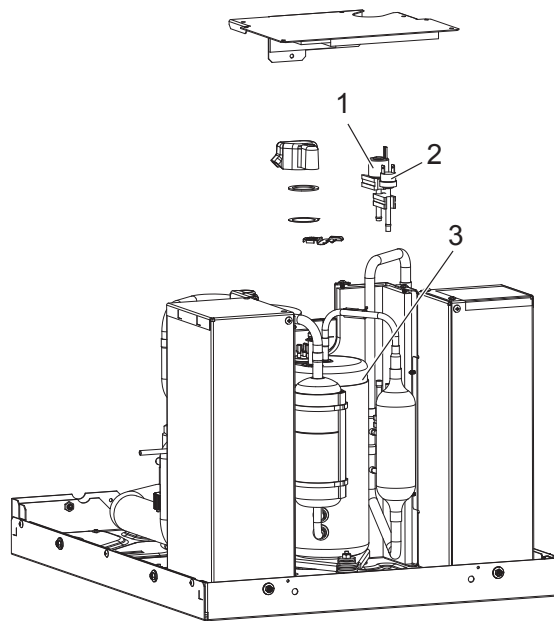
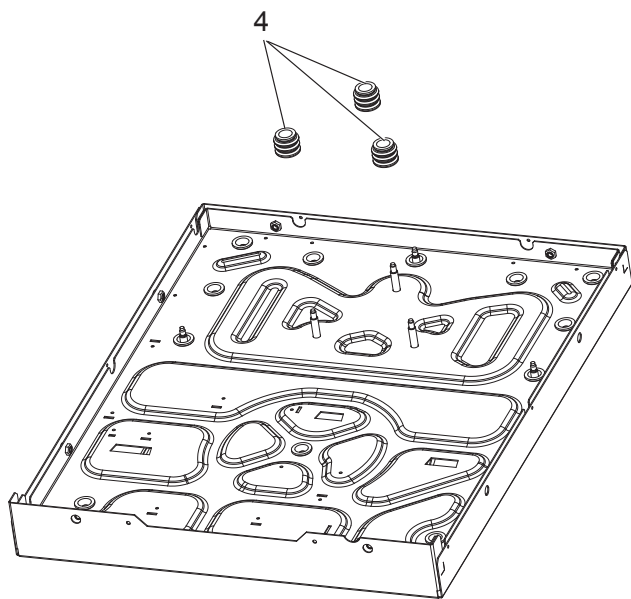


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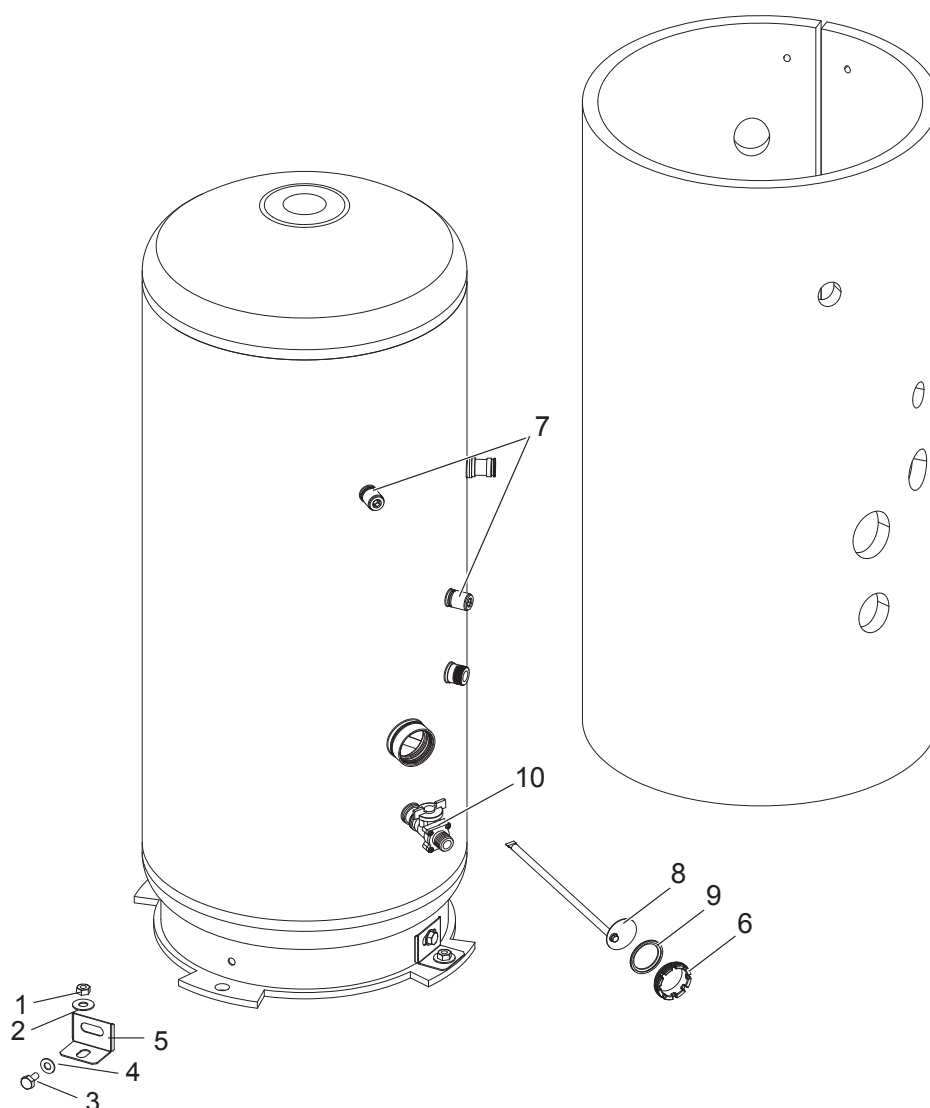
No.	Parts No.	Parts name	EHGT17D-YM9ED.UK	Wiring diagram symbol	Remarks
1	S70 G10 441	BOOSTER HEATER	1	BH1	3 Ø 400 V 9 kW
2	S70 G10 408	WATER COIL ASSY (2HP)	1		MWA1- 44PA REFRIGERANT/ WATER
3	S70 G10 006	COMP CASE FRONT	1		
4	S70 G10 008	COMP CASE TOP	1		
5	S70 G20 408	WATER COIL ASSY (W)	1		MWA1- 70PA/ WATER-WATER
6	S70 G40 266	FLOW SWITCH	1	63L	VK320M
7	S70 G10 460	FLOW SWITCH O-RING	1		BLACK
8	S70 G10 355	BRINE PUMP	1	MBP	
9	S70 G20 402	LEV COIL	1	LEV-A	
10	S70 G10 401	EXPANSION VALVE	1		B40YGME-3
11	S70 C10 358	DRAIN COCK/AIR VENT (WATER CAP ASSY 320)	1		6 years* FOR PRIMARY/SANITARY CIRCUIT
12	S70 G10 266	FIOW SENSOR (BODY & CABLE)	1		
⑬	S70 G10 202	THERMISTOR (FLOW WATER TEMP & RETURN WATER TEMP)	1	THW1/2	
		THERMISTOR (LIQUID REFRIGERANT TEMP)	1	TH2	
		THERMISTOR-H (LIQUID)	1	TH3	
		THERMISTOR (DISCHARGE)	1	TH4	
		THERMISTOR (BRINE INLET TEMP)	1	TH32	
		THERMISTOR (COMP. SURFACE)	1	TH33	
		THERMISTOR (BRINE OUTLET TEMP)	1	TH34	

* Required regular replacement.



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No.	Parts No.	Parts name	EHGT17D-YM9ED.UK	Wiring diagram symbol	Remarks
1	S70 G10 208	HIGH PRESSURE SENSOR	1	63HS	
2	S70 E10 208H	HIGH PRESSURE SWITCH	1	63H	OFF 4.14 MPA
3	S70 G10 400	COMPRESSOR	1	MC	SVB220FEAMC-L2
4	S70 E03 004	RUBBER MOUNT	3		

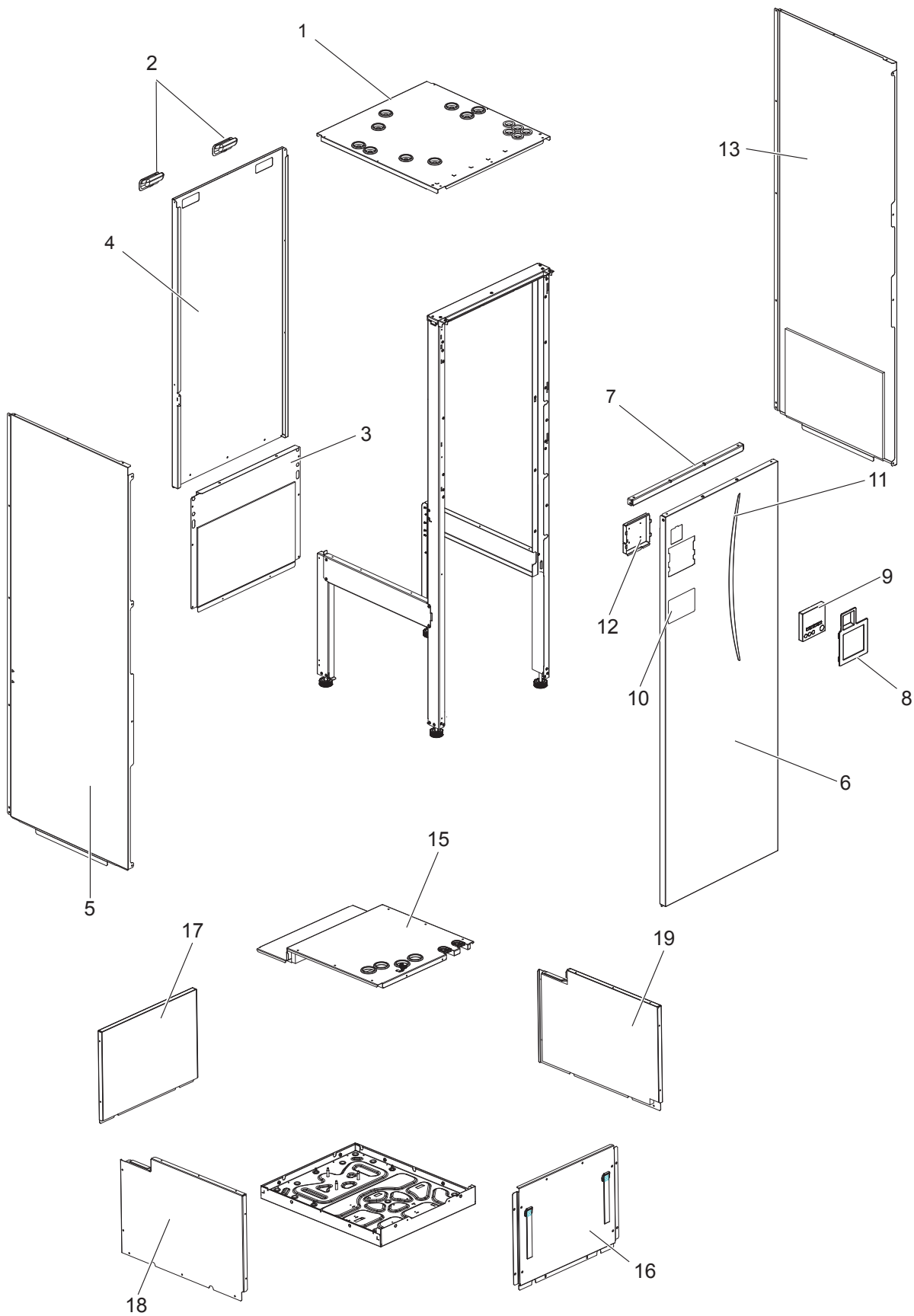


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No.	Parts No.	Parts name	EHGT17D-YM9ED.UK	Wiring diagram symbol	Remarks
1	S70 C10 097	NUT	3		M10
2	S70 C61 097	WASHER	3		
3	S70 C30 097	BOLT	3		M10×20
4	S70 C20 097	WASHER	3		
5	S70 C30 042	TANK LEG	3		
6	S70 C60 097	BACK NUT	1		
7	S70 C11 525	STAT POCKET ASSEMBLY	2		
8	S70 C15 525	SINGLE STAT POCKET	1		FOR TANK/ FOR T&P
9	S70 C33 460	ELEMENT PLATE GASKET	1		
10	S70 C40 357	DRAIN COCK	1		FOR TANK
⑪	S70 C20 406	TOOL ELEMENT	1		FOR BACK NUT

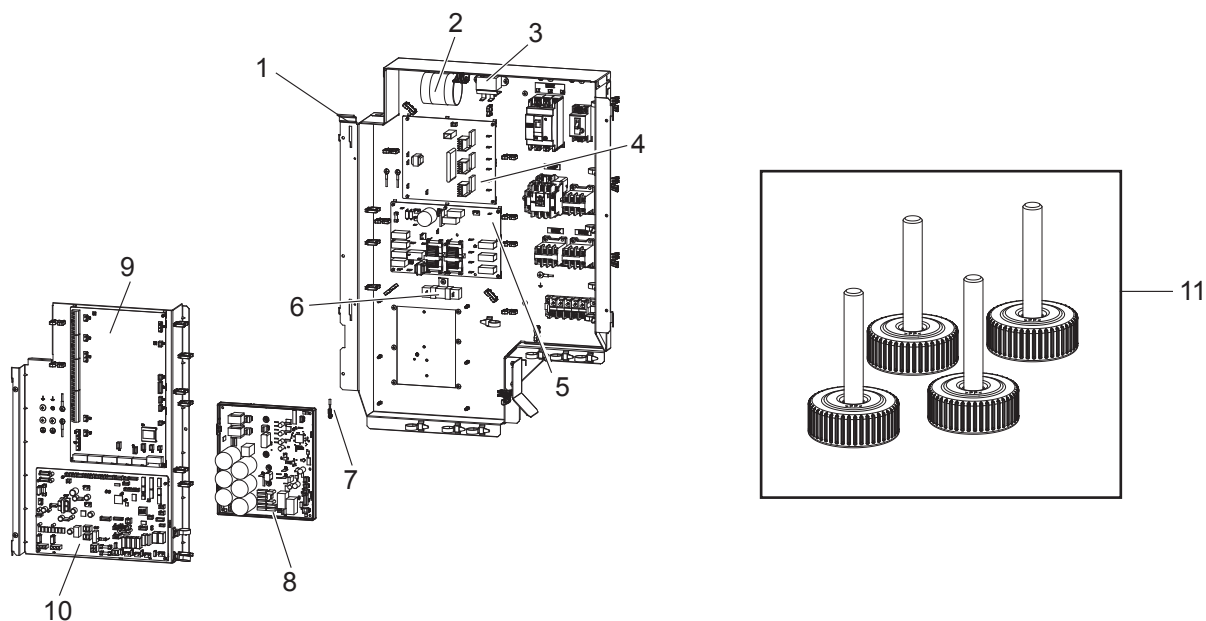
Do not reuse the ELEMENT PLATE GASKET (No.9) that was once removed, but be sure to replace with a new one.
When removing and reinstalling the SINGLE STAT POCKET (No.8), TOOL ELEMENT (No.11) is required.

EHGT17D-YM9ED.UK



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No.	Parts No.	Parts name	EHGT17D-YM9ED.UK	Wiring diagram symbol	Remarks [Drawing No.]
1	S70 G10 641	TOP PANEL ASSY	1		INCLUDES PIPE LOCATION LABEL & BUSH
2	S70 30L 655	HANDLE	2		
3	S70 G10 661	BACK PANEL LOWER	1		
4	S70 G20 661	BACK PANEL UPPER	1		
5	S70 G10 662	SIDE PANEL L	1		
6	S70 G10 668	FRONT PANEL	1		
7	S70 G20 668	FRONT PANEL TOP	1		
8	S70 C31 710	MAIN REMOTE CONTROLLER HOLDER	1		
9	S70 C20 200	MAIN REMOTE CONTROLLER ASSY	1		
10	S70 G10 699	BRAND LABEL	1		
11	S70 C30 699	LEAF LABEL (PANEL GRAPHIC)	1		
12	—	MAIN REMOTE CONTROLLER SUPPORT	1		[BK00R897G01]
13	S70 G20 662	SIDE PANEL R	1		
⑭	S70 G20 699	WIRING DIAGRAM FOR FRONT PANEL	1		
15	S70 G10 610	M-BOX TOP	1		
16	S70 G20 611	M-BOX FRONT	1		
17	S70 G30 612	M-BOX BACK	1		
18	S70 G40 613	M-BOX SIDE L	1		
19	S70 G50 614	M-BOX SIDE R	1		



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No.	Parts No.	Parts name	EHGT17D-YM9ED.UK	Wiring diagram symbol	Remarks [Drawing No.]
1	—	CONTROL BOX	1		[RK00L456G01]
2	S70 G10 255	CAPACITOR	1	CK	30 μ F
3	S70 K90 259	REACTOR	1	ACL4	
4	S70 G25 313	CONVERTOR CIRCUIT BOARD	1	CONV.B.	
5	S70 G10 346	NOISE FILTER CIRCUIT BOARD	1	N.F.	
6	S70 E20 234	RESISTOR	1	RS	
7	S70 E55 202	THERMISTOR (HEAT SINK)	1	TH8	
8	S70 G20 313	POWER CIRCUIT BOARD	1	P.B.	
9	S70 C86 315	ATW CONTROLLER	1	FTC	
10	S70 G10 315	CONTROLLER CIRCUIT BOARD	1	C.B.	
11	S70 C45 097	ADJUST BOLT	4		ACCESSORY
12	S70 C55 460	GASKET 1"	8		G1"/ FOR CONNECTION OF WATER CIRCUIT
13	S70 C66 460	GASKET 3/4"	7		G3/4"/ FOR CONNECTION OF WATER CIRCUIT
14	S70 G20 460	PACKING WASHER 1"	5		FOR CONNECTION OF BRINE CIRCUIT
15	—	PIPE COVER 10	1		BH33T353R/ ID9.5*OD34.9
16	—	PIPE COVER 10	2		BH33T353U/ ID9.5*OD22.2
17	—	PIPE COVER 10	2		BH33T353Q/ ID22.2*OD47.6
18	—	PIPE COVER 10	1		BH33T353S/ ID28.6*OD41.4

Do not reuse the gaskets (No.12 to 14) that were once removed, but be sure to replace with a new one.

Parts name	Parts No.
IMMERSION HEATER (1Ph 1kW)	PAC-IH01V2-E
WIRELESS REMOTE CONTROLLER	PAR-WT50R-E
WIRELESS RECEIVER	PAR-WR51R-E
REMOTE SENSOR	PAC-SE41TS-E
THERMISTOR	PAC-TH011-E
HIGH TEMPERATURE THERMISTOR	PAC-TH012HT-E
Wi-Fi INTERFACE	MAC-567IF-E
2-ZONE KIT	PAC-TZ02-E
EXPANSION VESSEL (12L)	PAC-EVP12-E

mitsubishi electric corporation

HEAD OFFICE: TOKYO BUILDING, 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
