

PARTS CATALOG

R410A

[Model name]

EHSC-VM6A

EHSC-YM9A

EHPX-VM2A

[Service Ref.]

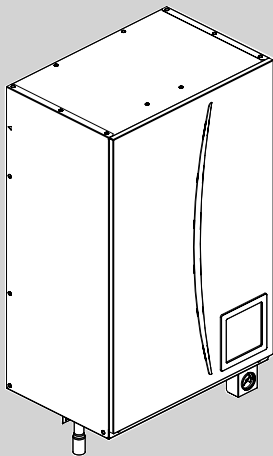
EHSC-VM6A.UK

EHSC-YM9A.UK

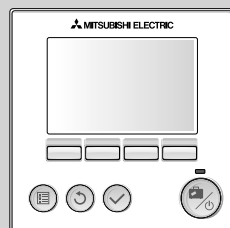
EHPX-VM2A.UK

Note:

- RoHS compliant products have <G> mark on the spec name plate.



HYDROBOX



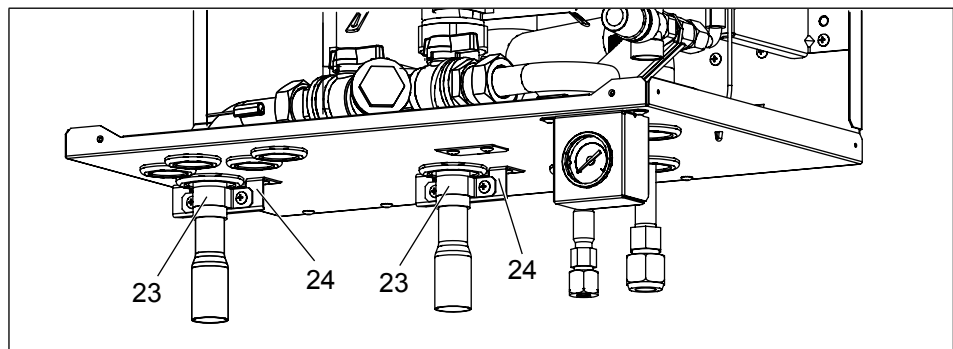
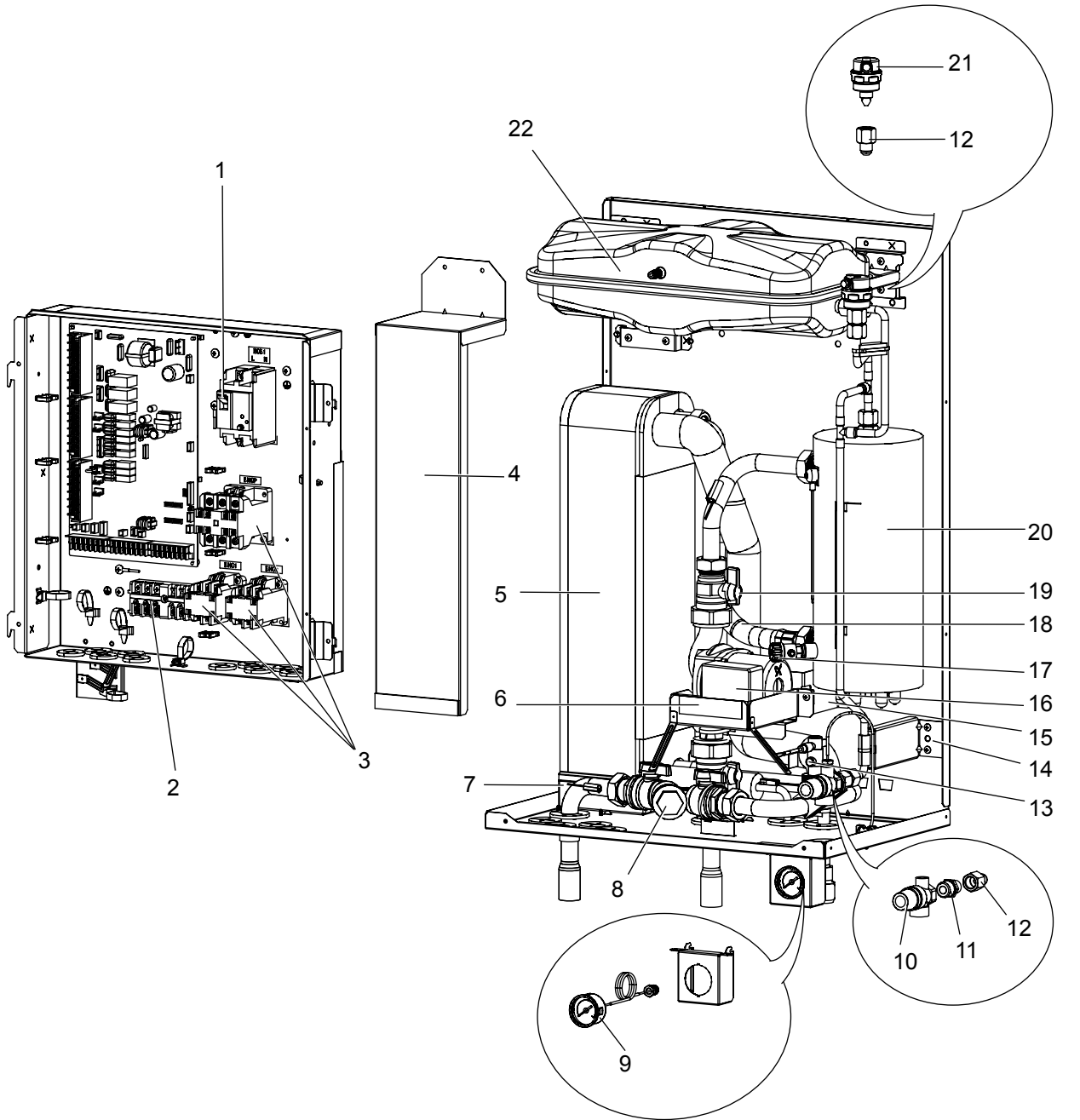
MAIN CONTROLLER

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SERVICE MANUAL (OCH503)

EHSC-VM6A
EHSC-YM9A



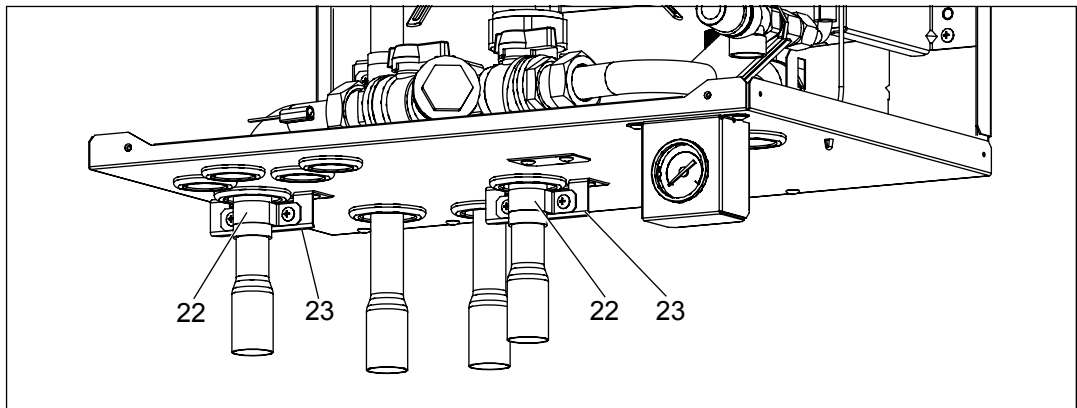
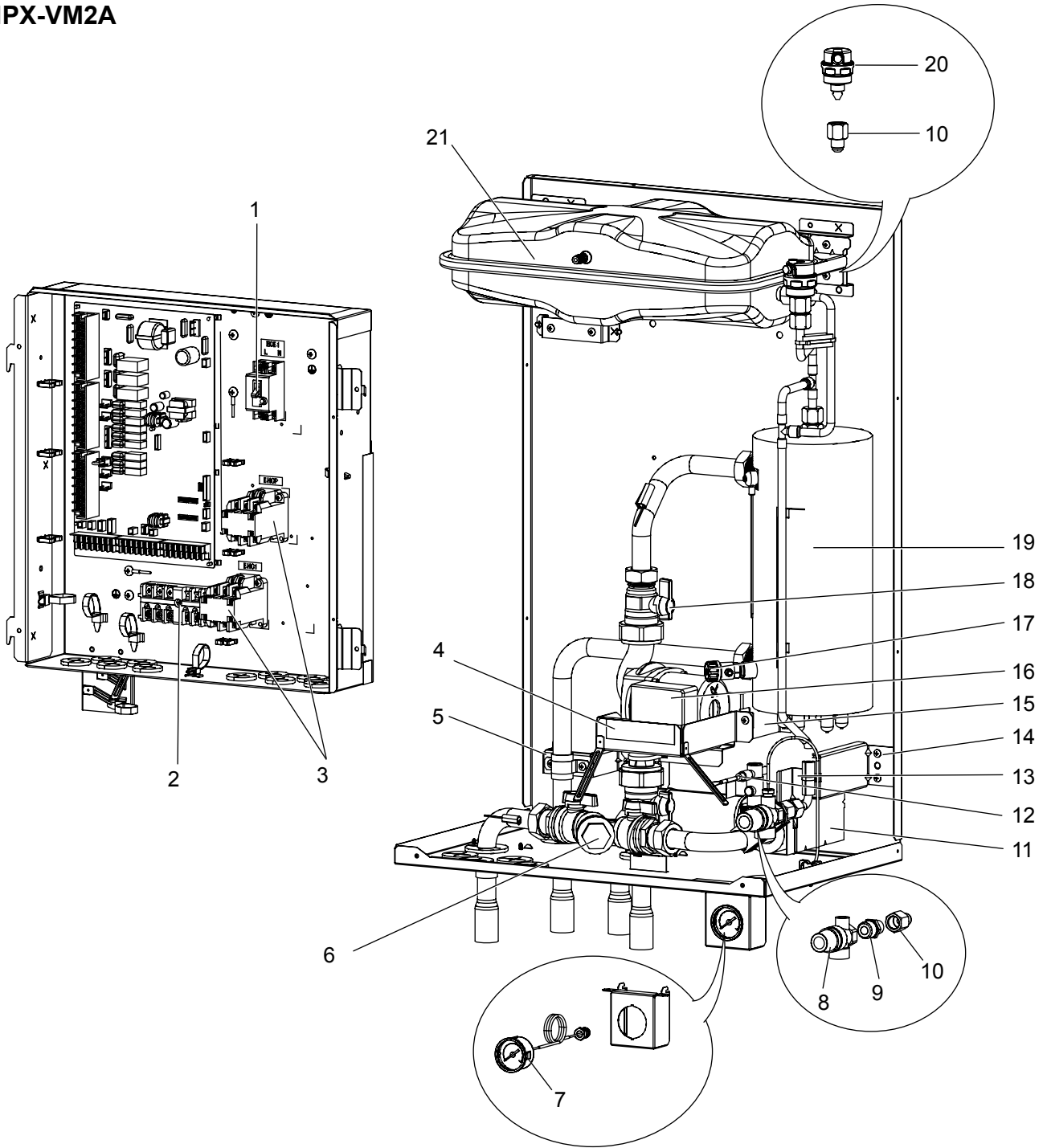


No.	RoHS	Part No.	Parts name	Specification	Q'ty/unit		Remarks	Wiring diagram symbol	Required regular replacement (*: Required regular inspection)
					EHSC-VM6A	EHSC-VM9A			
1	G	S70 C30 239	EARTH LEAKAGE BREAKER	1-40A	1			ECB1	
	G	S70 C40 239	EARTH LEAKAGE BREAKER	3-20A		1		ECB1	
2	G	S70 C20 515	TERMINAL BED	6P	1	1	(#250LNE+S123)		
3	G	S70 C29 708	CONTACTOR	45A	1			BHCP	
	G	S70 546 708	CONTACTOR	30A	2	3		BHCP,BHC1, BHC2	
4	G	—	WATER COIL COVER		1	1	BK02J325G03		
5	G	S70 C20 408	PLATE HEAT EXCHANGER		1	1			
6	G	—	PUMP SUPPORT TOP		1	1	BK00F287G01		
7	G	—	WATER COIL BASE		1	1	BK02J321G03		
8	G	S70 C10 450	STRAINER		1	1			
9	G	S70 C20 205	MANOMETER		1	1			6 years
10	G	S70 C18 404	PRESSURE RELIEF VALVE 3bar		1	1			6 years
					1	1	ACCESSORY		
11	G	S70 C11 407	ADAPTER	G3/8-R1/2	1	1			
12	G	S70 C50 096	FLARE JOINT	3/8F-G3/8	4	4			
13	G	S70 C33 266	FLOW SWITCH		1	1			
14	G	—	BACK PANEL PIPE SUPPORT		1	1	BK02L594G01		
15	G	—	PUMP SUPPORT UNDER		1	1	BK00L417G04		
16	G	S70 C02 355	WATER PUMP		1	1		MP1	20,000 hrs (3 years)(*)
17	G	S70 C30 357	DRAIN COCK (BOOSTER HEATER)		1	1	FOR PRIMARY CIRCUIT		6 years
18	G	S70 C30 601	FLEXIBLE HOSE		1	1			6 years
19	G	S70 C10 356	PUMP VALVE		2	2			
20	G	S70 C50 441	BOOSTER HEATER	2-6 kW	1			BH1, BH2	
	G	S70 C60 441	BOOSTER HEATER	3-9 kW		1		BH1, BH2	
21	G	S70 C17 150	AIR VENT (AUTOMATIC)		1	1			6 years
22	G	S70 C16 402	EXPANSION VESSEL	10L	1	1			
23	G	—	SADDLE BAND		2	2	BK02F262G01		
24	G	—	PIPE SUPPORT		2	2	BK02L608G01		
(25)	G	—	HEATER STAY		1	1	BK00F286G01		
(26)	G	S70 C11 460	O-RING		1	1	FOR STRAINER		
	G	S70 C22 460	O-RING		1	1	FOR FLOW SWITCH		

Parts number that is circled is not shown in the figure.

Do not reuse the O-ring for flow switch and strainer that was once removed, but be sure to replace with a new one.

EHPX-VM2A



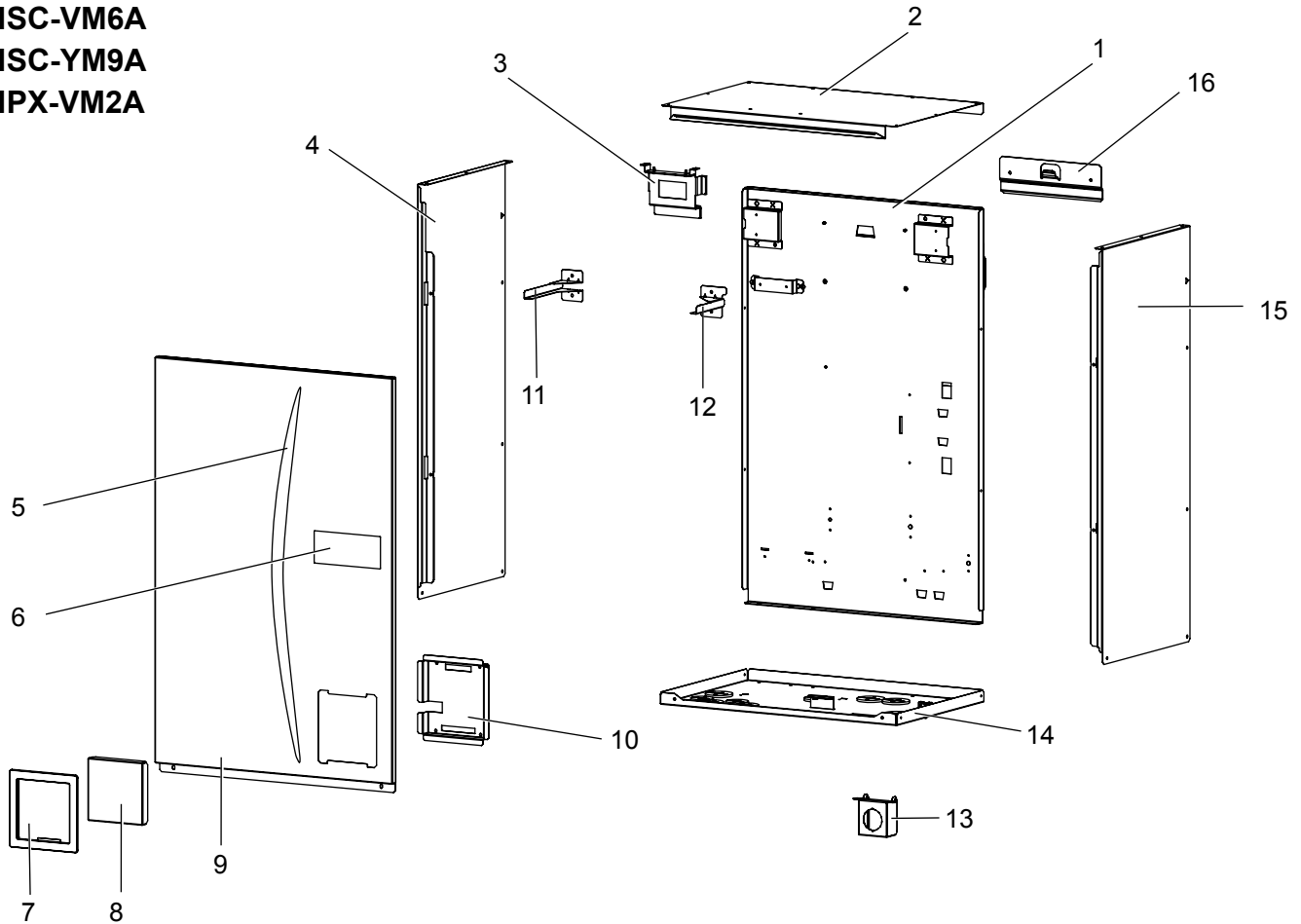


No.	RoHS	Part No.	Parts name	Specification	Q'ty/unit	Remarks	Wiring diagram symbol	Required regular replacement (*: Required regular inspection)
					EHPX-VM2A			
1	G	S70 C20 239	EARTH LEAKAGE BREAKER	1-20A	1		ECB1	
2	G	S70 C20 515	TERMINAL BED	6P	1	(#250LNE+S123)		
3	G	S70 546 708	CONTACTOR	30A	2		BHCP,BHC1	
4	G	—	PUMP SUPPORT TOP		1	BK00F287G01		
5	G	—	BACK PANEL PIPE SUPPORT (WITHOUT PLATE HEAT EXCHANGER)		1	BK02L593G01		
6	G	S70 C10 450	STRAINER		1			
7	G	S70 C20 205	MANOMETER		1			6 years
8	G	S70 C18 404	PRESSURE RELIEF VALVE 3bar		1	ACCESSORY		6 years
	G				1			
9	G	S70 C11 407	ADAPTER	G3/8-R1/2	1			
10	G	S70 C50 096	FLARE JOINT	3/8F-G3/8	4			
11	G	—	BACK PANEL CORNER SUPPORT		1	BK02L489G01		
12	G	S70 C33 266	FLOW SWITCH		1			
13	G	—	BACK PANEL CENTER SUPPORT		1	BK02J442G01		
14	G	—	BACK PANEL PIPE SUPPORT		1	BK02L594G01		
15	G	—	PUMP SUPPORT UNDER		1	BK00L417G04		
16	G	S70 C02 355	WATER PUMP		1		MP1	20,000 hrs (3 years)(*)
17	G	S70 C30 357	DRAIN COCK (BOOSTER HEATER)		1	FOR PRIMARY CIRCUIT		6 years
18	G	S70 C10 356	PUMP VALVE		2			
19	G	S70 C40 441	BOOSTER HEATER	2 kW	1		BH1	
20	G	S70 C17 150	AIR VENT (AUTOMATIC)		1			6 years
21	G	S70 C16 402	EXPANSION VESSEL	10L	1			
22	G	—	SADDLE BAND		3	BK02F262G01		
23	G	—	PIPE SUPPORT		2	BK02L608G01		
24	G	—	HEATER STAY		1	BK00F286G01		
25	G	S70 C11 460	O-RING		1	FOR STRAINER		
	G	S70 C22 460	O-RING		1	FOR FLOW SWITCH		

Parts number that is circled is not shown in the figure.

Do not reuse the O-ring for flow switch and strainer that was once removed, but be sure to replace with a new one.

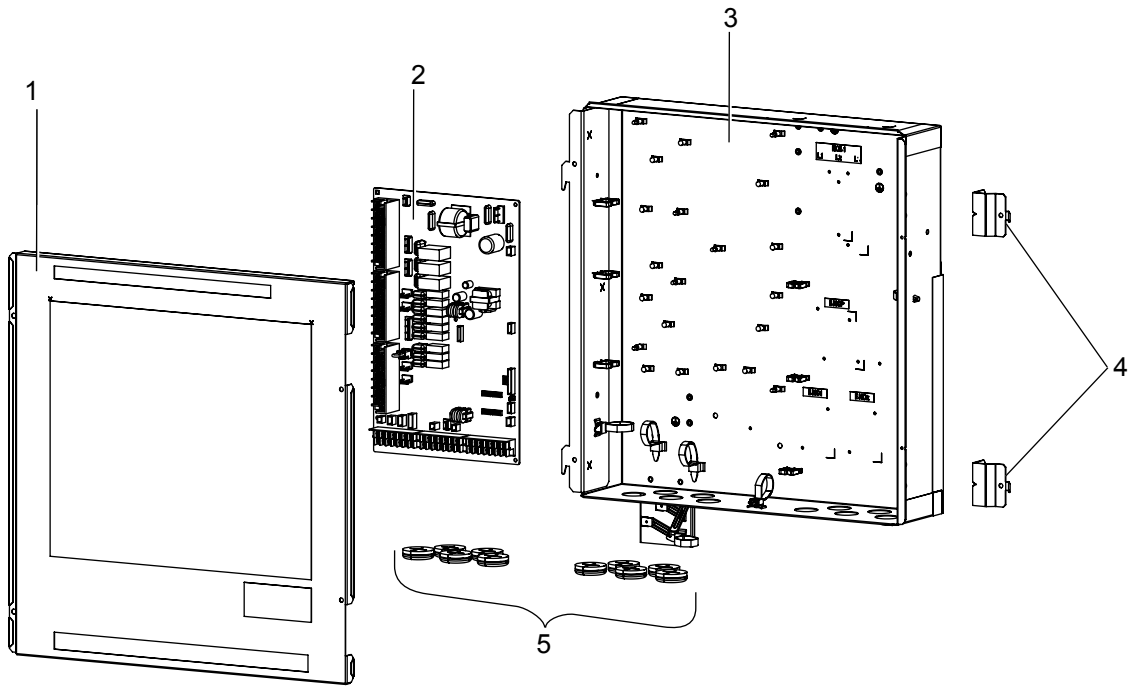
**EHSC-VM6A
EHSC-YM9A
EHPX-VM2A**



No.	RoHS	Part No.	Parts name	Specification	Q'ty /unit			Remarks
					EHSC-VM6A	EHSC-YM9A	EHPX-VM2A	
1	G	S70 C14 661	BACK PANEL		1	1	1	
2	G	S70 C14 641	TOP PANEL ASSY		1	1	1	
3	G	—	EXPANSION VESSEL STAY		1	1	1	BK00L285G04
4	G	S70 C16 662	SIDE PANEL L		1	1	1	
5	G	S70 C30 699	FRONT PANEL GRAPHIC (LEAF LABEL)		1	1	1	
6	G	S70 C20 699	BRAND LABEL		1	1	1	
7	G	S70 C11 710	REMOCON HOLDER		1	1	1	
8	G	S70 C60 200	REMOCON ASSY		1	1	1	
9	G	S70 C17 668	FRONT PANEL ASSY		1	1	1	
10	G	—	REMOCON SUPPORT		1	1	1	BK00L347G01
11	G	—	EXPANSION VESSEL HOLDER(L)		1	1	1	BK02L229G08
12	G	—	EXPANSION VESSEL HOLDER(R)		1	1	1	BK02L229G07
13	G	S70 C30 206	MANOMETER STAY		1	1	1	
14	G	S70 C12 686	BASE ASSY				1	
	G	S70 C13 686	BASE ASSY		1	1		
15	G	S70 C01 662	SIDE PANEL R		1	1	1	
16	G	—	HOOK		1	1	1	BK02L490G01
(17)	G	S70 C10 673	PAINT SCREW		26	26	24	

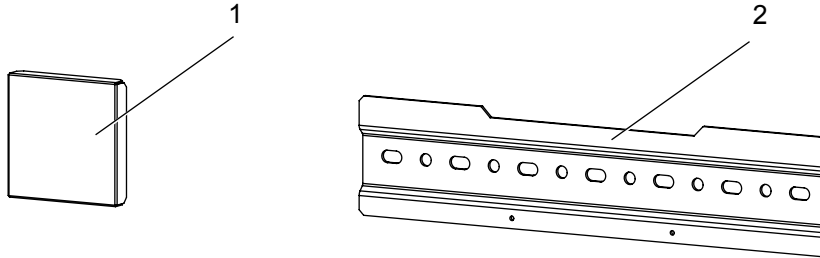
Parts number that is circled is not shown in the figure.

EHSC-VM6A
EHSC-YM9A
EHPX-VM2A



No.	RoHS	Part No.	Parts name	Specification	Q'ty /unit			Remarks	Wiring diagram symbol
					EHSC-VM6A	EHSC-YM9A	EHPX-VM2A		
1	G	S70 H10 504	CONTROL BOX COVER		1				
	G	S70 H20 504	CONTROL BOX COVER			1			
	G	S70 H30 504	CONTROL BOX COVER				1		
2	G	S70 C10 315	ATW CONTROLLER		1	1	1		FTC3
3	G	—	CONTROL BOX		1			BK00A824G01	
	G	—	CONTROL BOX			1		BK00A824G02	
	G	—	CONTROL BOX				1	BK00A824G03	
4	G	—	CONTROL BOX BRACKET		2	2	2	BK00L422G03	
5	G	S70 C11 306	BUSH		10	10	10	FOR CABLE	

EHSC-VM6A
EHSC-YM9A
EHPX-VM2A



No.	RoHS	Part No.	Parts name	Specification	Q'ty /unit			Remarks	Wiring diagram symbol	Required regular replacement
					EHSC-VM6A	EHSC-YM9A	EHPX-VM2A			
1	G	S70 C39 077	REMOCON COVER		1	1	1	ACCESSORY		
2	G	—	BACK PLATE		1	1	1	ACCESSORY, BK02J443G01		
③	G	S70 C60 202	THERMISTOR (BOOSTER HEATER TEMP)		1	1	1		THW3	
④	G	S70 C70 202	THERMISTOR (TANK WATER TEMP)		1	1	1	ACCESSORY	THW5B	
⑤	G	S70 C80 202	THERMISTOR (FLOW WATER TEMP & RETURN WATER TEMP)		1	1	1		THW1/2	
⑥	G	S70 C50 202	THERMISTOR (LIQUID REFRIGERANT TEMP)		1	1			TH2	
⑦	G	S70 C44 460	GASKET 1•1/2"	1•1/2"	2	2	2	FOR CONNECTION OF WATER CIRCUIT (WATER PUMP)		20,000 hrs (3 years)
⑧	G	S70 C55 460	GASKET 1"	1"	8	8	6	FOR CONNECTION OF WATER CIRCUIT		
⑨	G	S70 C77 460	GASKET 3/8"	3/8"	3	3	3	FOR CONNECTION OF WATER CIRCUIT		
⑩	G	S70 C88 460	GASKET 1/4"	1/4"	1	1	1	FOR CONNECTION OF WATER CIRCUIT (MANOMETER)		

Parts number that is circled is not shown in the figure.

Do not reuse the gaskets (No.7 to 10) that were once removed, but be sure to replace with a new one.

2**OPTIONAL PARTS****2-1. WIRELESS REMOTE CONTROLLER**

Part No.	PAR-WT40R-E
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2-2. WIRELESS RECEIVER

Part No.	PAR-WR41R-E
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2-3. REMOTE SENSOR

Part No.	PAC-SE41TS-E
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2-4. JOINT PIPE ($\phi 15.88 \rightarrow \phi 12.7$)

Part No.	PAC-SH50RJ-E
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2-5. JOINT PIPE ($\phi 9.52 \rightarrow \phi 6.35$)

Part No.	PAC-SH30RJ-E
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HEAD OFFICE : TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
