

Model name	EHST17D- VM2D	EHST17D- YM9D	ERST17D- VM2D	ERST17D- YM6D	EHST20D- MED	EHST20D- VM2D	EHST20D- VM6D	EHST20D- YM9D	EHST20D- YM9ED	EHST20D- TM9D	ERST20D- VM2D	ERST20D- VM6D	ERST20D- YM9D
Nominal domestic hot water volume	170 L			1400 × 595 × 680 mm			1600 × 595 × 680 mm			200 L			
Overall unit dimensions (Height × Width × Depth)													
Weight (empty)	93 kg	96 kg	94 kg	94 kg	93 kg	99 kg	100 kg	102 kg	96 kg	102 kg	100 kg	100 kg	102 kg
Weight (full)	269 kg	274 kg	269 kg	273 kg	299 kg	305 kg	306 kg	310 kg	305 kg	310 kg	306 kg	306 kg	310 kg
Water volume of heating circuit in the unit *1	3.4 L	5.7 L	3.4 L	5.7 L	—	3.5 L	12 L	—	5.8 L	—	3.5 L	—	5.8 L
Nominal volume	12 L												
Unvented expansion vessel(Primary heating)	0.1 MPa						0.1 MPa			—			
Charge pressure							0.1 MPa						
Control thermostat							80°C						
Primary circuit							0.3 MPa (3 bar)						
							Min. flow 5.0 L/min						
				90°C						90°C			
				121°C						121°C			
Safety device							75°C						
							—						
DHW tank							1.0 MPa (10 bar)						
Connections	Water	Primary circuit											
	DHW circuit												
Refrigerant (R32/ R410A)	Liquid												
	Gas												
Heating	Room temperature												
	Flow temperature												
Cooling	Room temperature												
	Flow temperature												
Guaranteed operating range *2	Ambient												
	Outdoor temperature												
DHW tank performance	Maximum allowable hot water temperature												
	Declared load profile												
Average climate	Water heater energy efficiency class												
	Power supply (Phase, voltage, frequency)												
Control board (including 4 pumps)	Input												
	Current												
Breaker	Power supply (Phase, voltage, frequency)												
	Capacity												
Heater step	Heater step												
	Current												
Breaker	Power supply (Phase, voltage, frequency)												
	Capacity												
Immersion heater *5	Immersion heater												
	Current												
Breaker	Power supply (Phase, voltage, frequency)												
	Capacity												
Sound power level (PWL)	Sound power level												
	Sound power level												

<Table 3.1>

*1 Volume of sanitary water circuit, primary DHW circuit (from 3-way valve to confluent point with heating circuit), piping to expansion vessel, and expansion vessel are not included in this value.

*2 The environment must be frost-free.

*3 See outdoor unit spec table (min. 10 °C). Cooling mode is not available in low outdoor temperature. If you use our system in cooling mode at the low ambient temperature (10°C or below), there are some risks of plate heat exchanger damages by frozen water.

*4 For the model without booster heater and immersion heater, the maximum allowable hot water temperature is [Maximum outlet water of outdoor unit -3°C]. For the maximum outlet water of outdoor unit, refer to outdoor unit data book.

*5 Do not fit immersion heaters without thermal cut-out. Use only Mitsubishi Electric service parts as a direct replacement.

Model name	EHST30D-MED	EHST30D-VM6ED	EHST30D-YM9ED	EHST30D-TM9ED	ERST30D-VM2ED	ERST30D-VM6ED	ERST30D-YM9ED	ERST30D-TM9D	EHST20C-VM6D	EHST20C-YM9D	EHST20C-TM9D	ERST20C-VM2D	ERST20C-VM6D	ERST20C-YM9D
Nominal domestic hot water volume														
Overall unit dimensions (Height × Width × Depth)														
Weight (empty)														
Weight (full)														
Water volume of heating circuit in the unit *1														
Nominal volume														
Unvented expansion vessel(Primary heating)														
Control thermistor														
Pressure relief valve														
Flow sensor														
BH manual reset thermostat														
BH thermal Cut Off														
Control thermistor														
DHW tank														
IH manual reset thermostat														
Temperature / Pressure relief valve														
1.0 MPa (10 bar)														
Water														
Primary circuit														
DHW circuit														
Liquid														
Refrigerant (R32/ R410A)														
Gas														
6.35 mm														
12.7 mm														
Room temperature														
Heating														
Flow temperature														
Room temperature														
Flow temperature														
Cooling														
Flow temperature														
—														
5 - 25 °C														
—														
10 - 30°C														
20 - 60°C														
—														
5 - 25°C														
0 - 35°C (≤ 80 %RH)														
See outdoor unit spec table.														
*3														
*4														
70°C														
XL														
A or A+														
Water heater energy efficiency class														
Average climate														
Declared load profile														
Maximum allowable hot water temperature														
Heating														
Outdoor temperature														
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Ambient														
Guaranteed operating range *2														
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Declared load profile														
Maximum allowable hot water temperature														

*1 Volume of sanitary water circuit, primary DHW circuit (from 3-way valve to confluent point with heating circuit), piping to expansion vessel, and expansion vessel are not included in this value.

*2 The environment must be frost-free.

*3 See outdoor unit spec table (min, 10 °C). Cooling mode is not available in low outdoor temperature. If you use our system in cooling mode at the low ambient temperature (10°C or below), there are some risks of plate heat exchanger damages by frozen water.

*4 For the model without booster heater and immersion heater, the maximum allowable hot water temperature is [Maximum outlet water of outdoor unit -3°C]. For the maximum outlet water of outdoor unit, refer to outdoor unit data book.

*5 Do not fit immersion heaters without thermal cut-out. Use only Mitsubishi Electric service parts as a direct replacement.

Model name	EHST30C-MED	EHST30C-VM6ED	EHST30C-TM9ED	EHST30C-VM2ED	ERST30C-VM6ED	ERST30C-VM9ED	
Nominal domestic hot water volume	300 L						
Overall unit dimensions (Height × Width × Depth)	2050 × 595 × 680 mm						
Weight (empty)	120 kg	122 kg	124 kg	122 kg	122 kg	124 kg	
Weight (full)	428 kg	430 kg	434 kg	429 kg	430 kg	434 kg	
Water volume of heating circuit in the unit *1	5.0 L	7.3 L	7.3 L	5.0 L	5.0 L	7.3 L	
Nominal volume	—						
Unvented expansion vessel(Primary heating)	—						
Charge pressure	—						
Safety device	Primary circuit	Control thermostat	80°C				
		Pressure relief valve	0.3 MPa (3 bar)				
		Flow sensor	Min. flow 5.0 L/min				
	DHW tank	BH manual reset thermostat	—	90°C			
		BH thermal Cut Off	—	121°C			
Connections	DHW tank	Control thermostat	75°C				
		IH manual reset thermostat	—				
		Temperature / Pressure relief valve	1.0 MPa (10 bar)				
		Water	Primary circuit	ø28 mm			
		DHW circuit	ø22 mm				
Operating range	Refrigerant (R32/ R410A)	Liquid	9.52 mm				
		Gas	15.88 mm				
		Heating	Room temperature	10 - 30°C			
Guaranteed operating range *2	Cooling	Flow temperature	20 - 60°C				
		Room temperature	—				
		Flow temperature	—	—	5 - 25°C		
DHW tank performance	Ambient	0 - 35°C (≤ 80 %RH)					
	Outdoor temperature	Heating	See outdoor unit spec table.				
	Maximum allowable hot water temperature	Cooling	—	*3			
	Declared load profile	*4	70°C				
	Average climate	XL A					
Electrical data	Control board (Including 4 pumps)	Water heater energy efficiency class	~N, 230 V, 50 Hz				
		Power supply (Phase, voltage, frequency)	0.30 kW				
		Input	1.95 A				
		Current	10 A				
		Breaker	3~ 400 V, 50 Hz				
Sound power level (PWL)	Booster heater	Power supply (Phase, voltage, frequency)	~N, 230 V, 50 Hz	3~ 400 V, 50 Hz	3~ 230 V, 50 Hz	3~ 400 V, 50 Hz	
		Capacity	2 kW	3 kW +4 kW	2 kW	3 kW +6 kW	
		Heater step	—	3	3	1	3
		Current	—	26 A	13 A	23 A	13 A
		Breaker	—	32 A	16 A	32 A	16 A
Sound power level (PWL)	Immersion heater *5	Power supply (Phase, voltage, frequency)	—				
		Capacity	—				
		Current	—				
		Breaker	—				
		40 dB(A)					

<Table 3.3>

*1 Volume of sanitary water circuit, primary DHW circuit (from 3-way valve to confluent point with heating circuit), piping to expansion vessel, and expansion vessel are not included in this value.

*2 The environment must be frost-free.

*3 See outdoor unit spec table (min, 10 °C). Cooling mode is not available in low outdoor temperature. If you use our system in cooling mode at the low ambient temperature (10°C or below), there are some risks of plate heat exchanger damages by frozen water.

*4 For the model without booster heater and immersion heater, the maximum allowable hot water temperature is [Maximum outlet water of outdoor unit -3°C]. For the maximum outlet water of outdoor unit, refer to outdoor unit data book.

*5 Do not fit immersion heaters without thermal cut-out. Use only Mitsubishi Electric service parts as a direct replacement.

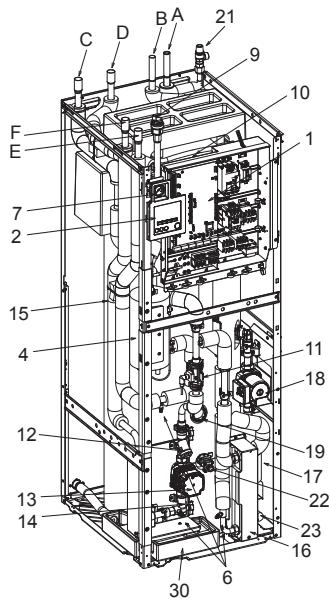
Model name		EHPT17X-VM2D	EHPT17X-VM6D	EHPT17X-VM9D	ERPT17X-VM2D	EHPT20X-MED	EHPT20X-VM6D	EHPT20X-VM9D	ERPT20X-MD	ERPT20X-VM2D	ERPT20X-VM6D	EHPT30X-MED	EHPT30X-VM9D	ERPT30X-VM2ED	ERPT30X-VM6ED
Nominal domestic hot water volume Overall unit dimensions (Height × Width × Depth)	Weight (empty)	1400 × 595 × 680 mm		170 L		1600 × 595 × 680 mm		200 L		1600 × 595 × 680 mm		2050 × 595 × 680 mm		300 L	
		86 kg	87 kg	89 kg	86 kg	87 kg	94 kg	96 kg	93 kg	94 kg	95 kg	106 kg	110 kg	107 kg	108 kg
		262 kg	263 kg	267 kg	262 kg	293 kg	301 kg	304 kg	299 kg	300 kg	301 kg	413 kg	419 kg	414 kg	415 kg
		3.2 L	3.2 L	5.5 L	3.2 L	3.7 L	3.7 L	6.0 L	3.7 L	3.7 L	3.7 L	4.4 L	6.7 L	4.4 L	4.4 L
Water volume of heating circuit in the unit*1 Unvented expansion vessel(Primary/ heating)	Nominal volume	12 L		12 L		—		12 L		—		—		—	
		0.1 MPa		0.1 MPa		—		—		0.1 MPa		—		—	
		Control thermostat		—		—		—		0.1 MPa		—		—	
		Pressure relief valve		—		—		—		—		—		—	
Safety device	Primary circuit	Flow sensor		—		—		—		—		—		—	
		BH manual reset thermostat		90°C		90°C		90°C		90°C		90°C		90°C	
		BH thermal Cut Off		121°C		—		—		—		—		121°C	
		Control thermostat		—		—		—		—		—		—	
DHW tank	Temperature/ Pressure relief valve	IH manual reset thermostat		—		—		—		—		—		—	
		Temperature/ Pressure relief valve		—		—		—		—		—		—	
		1.0 MPa (10 bar)		90°C / 0.7 MPa (7 bar)		—		—		—		—		—	
		1.0 MPa (10 bar)		—		—		—		—		—		—	
Connections	Water	Primary circuit		ø28 mm		ø22 mm		—		—		—		—	
		DHW circuit		—		—		—		—		—		—	
		Liquid		—		—		—		—		—		—	
		Gas		—		—		—		—		—		—	
Operating range	Heating	Room temperature		10 - 30°C		—		—		—		—		—	
		Flow temperature		20 - 60°C		—		—		—		—		—	
		Room temperature		—		—		—		—		—		—	
		Flow temperature		5 - 25°C		—		—		5 - 25°C		—		5 - 25°C	
Guaranteed operating range*2	Ambient	0 - 35°C (≤ 80 %RH)		—		—		—		—		—		—	
		See outdoor unit spec table.		—		—		—		—		—		—	
		Heating		*3		—		—		—		—		—	
		Cooling		70°C		*4		*4		70°C		*4		70°C	
DHW tank performance	Declared load profile	L		—		—		—		—		—		—	
		Water heater energy efficiency class		A+		—		—		—		—		—	
		Average climate		—		—		—		—		—		—	
		Power supply (Phase, voltage, frequency)		~N, 230 V, 50 Hz		—		—		—		—		—	
Electrical data	Control board (including 4 pumps)	Power supply (Phase, voltage, frequency)		~N, 230 V, 50 Hz		—		—		—		—		—	
		Input		0.30 kW		—		—		—		—		—	
		Current		1.95 A		—		—		—		—		—	
		Breaker		10 A		—		—		—		—		—	
Electrical data	Booster heater	Power supply (Phase, voltage, frequency)		~N, 230 V, 50 Hz		—		—		—		—		—	
		Capacity		2 kW		—		—		—		—		—	
		Heater step		1		—		—		—		—		—	
		Current		9 A		—		—		—		—		—	
Sound power level (PWL)	Immersion heater*5	Power supply (Phase, voltage, frequency)		~N, 230 V, 50 Hz		—		—		—		—		—	
		Capacity		3 kW		—		—		—		—		—	
		Current		13 A		—		—		—		—		—	
		Breaker		16 A		—		—		—		—		—	

<Table 3.4>

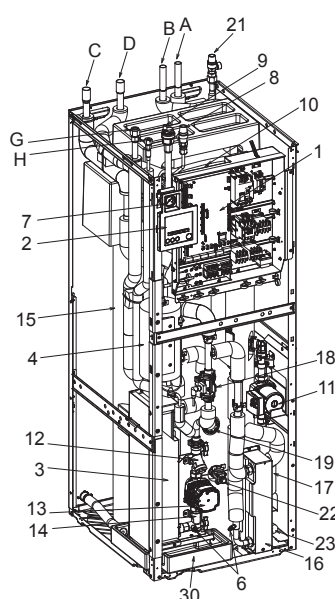
*1 Volume of sanitary water circuit, primary DHW circuit (from 3-way valve to confluent point with heating circuit), piping to expansion vessel, and expansion vessel are not included in this value.
*2 The environment must be frost-free.
*3 See outdoor unit spec table (min, 10 °C). Cooling mode is not available in low outdoor temperature. If you use our system in cooling mode at the low ambient temperature (10°C or below), there are some risks of plate heat exchanger damages by frozen water.
*4 For the model without booster heater and immersion heater, the maximum allowable hot water temperature is [Maximum outlet water of outdoor unit -3°C]. For the maximum outlet water of outdoor unit, refer to outdoor unit data book.
*5 Do not fit immersion heaters without thermal cut-out. Use only Mitsubishi Electric service parts as a direct replacement.

<E**T***-M**D>

(Packaged model system)



(Split model system)



<Figure 4.1>

Note:
For installation of all E**T***-M**D* models, make sure to install a suitably sized primary-side expansion vessel. (See figure 8.1 - 8.5 and 10.6.1 for further guidance)

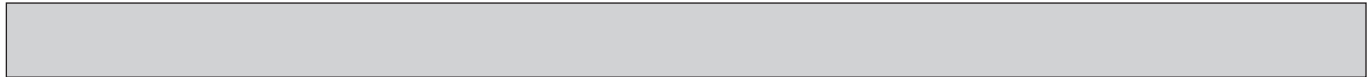
No.	Part name	EHST17/20D- *M*D	EHST20/30D- *M*ED	EHST20/30D- MED	EHST20C- *M*D	EHST20/30C- *M*ED	EHST20/30C- MED	ERST17/20D- *M*D	ERST30D- *M*ED
A	DHW outlet pipe	✓	✓	✓	✓	✓	✓	✓	✓
B	Cold water inlet pipe	✓	✓	✓	✓	✓	✓	✓	✓
C	Water pipe (Space heating/cooling return connection)	✓	✓	✓	✓	✓	✓	✓	✓
D	Water pipe (Space heating/cooling flow connection)	✓	✓	✓	✓	✓	✓	✓	✓
E	Water pipe (Flow from heat pump connection)	—	—	—	—	—	—	—	—
F	Water pipe (Return to heat pump connection)	—	—	—	—	—	—	—	—
G	Refrigerant pipe (Gas)	✓	✓	✓	✓	✓	✓	✓	✓
H	Refrigerant pipe (Liquid)	✓	✓	✓	✓	✓	✓	✓	✓
1	Control and electrical box	✓	✓	✓	✓	✓	✓	✓	✓
2	Main remote controller	✓	✓	✓	✓	✓	✓	✓	✓
3	Plate heat exchanger (Refrigerant - Water)	✓	✓	✓	✓	✓	✓	✓	✓
4	Booster heater 1,2	✓	✓	—	✓	✓	—	✓	✓
5	3-way valve	✓	✓	✓	✓	✓	✓	✓	✓
6	Drain cock (Primary circuit)	✓	✓	✓	✓	✓	✓	✓	✓
7	Manometer	✓	✓	✓	✓	✓	✓	✓	✓
8	Pressure relief valve (3 bar)	✓	✓	✓ ^{*2, 3}	✓ ^{*2}	✓ ^{*2, 3}	✓ ^{*2, 3}	✓	✓ ^{*3}
9	Automatic air vent	✓	✓	✓	✓	✓	✓	✓	✓
10	Expansion vessel (Primary circuit)	✓	—	—	✓	—	—	✓	—
11	Flow sensor	✓	✓	✓	✓	✓	✓	✓	✓
12	Strainer valve	✓	✓	✓	✓	✓	✓	✓	✓
13	Water circulation pump 1 (Primary circuit)	✓	✓	✓	✓	✓	✓	✓	✓
14	Pump valve	✓	✓	✓	✓	✓	✓	✓	✓
15	DHW tank	✓	✓	✓	✓	✓	✓	✓	✓
16	Plate heat exchanger (Water - Water)	✓	✓	✓	✓	✓	✓	✓	✓
17	Scale trap	✓	✓	✓	✓	✓	✓	✓	✓
18	Water circulation pump (Sanitary circuit)	✓	✓	✓	✓	✓	✓	✓	✓
19	Immersion heater	—	—	—	—	—	—	—	—
20	Temperature and pressure relief valve	—	—	—	—	—	—	—	—
21	Pressure relief valve (10 bar) (DHW Tank)	✓	✓	✓	✓	✓	✓	✓	✓
22	Drain cock (DHW tank)	✓	✓	✓	✓	✓	✓	✓	✓
23	Drain cock (Sanitary circuit)	✓	✓	✓	✓	✓	✓	✓	✓
24	Flow water temp. thermistor (THW1)	✓	✓	✓	✓	✓	✓	✓	✓
25	Return water temp. thermistor (THW2)	✓	✓	✓	✓	✓	✓	✓	✓
26	DHW tank upper water temp. thermistor (THW5A)	✓	✓	✓	✓	✓	✓	✓	✓
27	DHW tank lower water temp. thermistor (THW5B)	✓	✓	✓	✓	✓	✓	✓	✓
28	Refrigerant liquid temp. thermistor (TH2)	✓	✓	✓	✓	✓	✓	✓	✓
29	Pressure sensor	✓	✓	✓	—	—	—	✓	✓
30	Drain pan	—	—	—	—	—	—	✓	✓
31	Outdoor unit	—	—	—	—	—	—	—	—
32	Drain pipe (Local supply)	—	—	—	—	—	—	—	—
33	Back flow prevention device (Local supply)	—	—	—	—	—	—	—	—
34	Isolating valve (Local supply)	—	—	—	—	—	—	—	—
35	Magnetic filter (Local supply) (Recommended)	—	—	—	—	—	—	—	—
36	Strainer (Local supply)	—	—	—	—	—	—	—	—
37	Additional PRV (Local supply)	—	—	—	—	—	—	—	—
38	Inlet control group *1	—	—	—	—	—	—	—	—
39	Filling loop (Ball valves, check valves and flexible hose) *1	—	—	—	—	—	—	—	—
40	Potable expansion vessel *1	—	—	—	—	—	—	—	—
41	Air vent (Local supply)	—	—	—	—	—	—	—	—
42	Pressure relief valve (5 bar)	✓	—	—	✓	—	—	✓	—

*1 Supplied with UK model ONLY. Please refer to PAC-WK02UK-E Installation Manual for more information on accessories.

*2 Attachment the part to the position of 3 bar PRV for E*ST20 series. (Refer to the Figure 3.2 and 3.3 on the manual of RG79F364H01(page 8))

*3 Attachment the part to the position of 3 bar PRV for E*ST30 series. (Refer to the Figure 3.2 and 3.3 on the manual of RG79F364H01(page 8))

<Table 4.1>



No.	Part name	ERST20C- *M*D	ERST30C- *M*ED	EHPT17/20X- *M*D	EHPT20/30X- *M*ED	EHPT20/30X- MED	ERPT17/20X- *M*D	ERPT20X- MD	ERPT30X- VM*ED	EHPT20X- MHEDW
A	DHW outlet pipe	✓	✓	✓	✓	✓	✓	✓	✓	✓
B	Cold water inlet pipe	✓	✓	✓	✓	✓	✓	✓	✓	✓
C	Water pipe (Space heating/cooling return connection)	✓	✓	✓	✓	✓	✓	✓	✓	✓
D	Water pipe (Space heating/cooling flow connection)	✓	✓	✓	✓	✓	✓	✓	✓	✓
E	Water pipe (Flow from heat pump connection)	—	—	✓	✓	✓	✓	✓	✓	✓
F	Water pipe (Return to heat pump connection)	—	—	✓	✓	✓	✓	✓	✓	✓
G	Refrigerant pipe (Gas)	✓	✓	—	—	—	—	—	—	—
H	Refrigerant pipe (Liquid)	✓	✓	—	—	—	—	—	—	—
1	Control and electrical box	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Main remote controller	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Plate heat exchanger (Refrigerant - Water)	✓	✓	—	—	—	—	—	—	—
4	Booster heater 1,2	✓	✓	✓	✓	—	✓	—	✓	—
5	3-way valve	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Drain cock (Primary circuit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Manometer	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Pressure relief valve (3 bar)	✓ *2	✓ *3	—	—	—	—	—	—	—
9	Automatic air vent	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Expansion vessel (Primary circuit)	✓	—	✓	—	—	✓	✓	—	—
11	Flow sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Strainer valve	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Water circulation pump 1 (Primary circuit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Pump valve	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	DHW tank	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	Plate heat exchanger (Water - Water)	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Scale trap	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	Water circulation pump (Sanitary circuit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	Immersion heater	—	—	—	—	—	—	—	—	✓
20	Temperature and pressure relief valve	—	—	—	—	—	—	—	—	✓
21	Pressure relief valve (10 bar) (DHW Tank)	✓	✓	✓	✓	✓	✓	✓	✓	—
22	Drain cock (DHW tank)	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	Drain cock (Sanitary circuit)	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	Flow water temp. thermistor (THW1)	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	Return water temp. thermistor (THW2)	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	DHW tank upper water temp. thermistor (THW5A)	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	DHW tank lower water temp. thermistor (THW5B)	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	Refrigerant liquid temp. thermistor (TH2)	✓	✓	—	—	—	—	—	—	—
29	Pressure sensor	—	—	—	—	—	—	—	—	—
30	Drain pan	✓	✓	—	—	—	✓	✓	✓	—
31	Outdoor unit	—	—	—	—	—	—	—	—	—
32	Drain pipe (Local supply)	—	—	—	—	—	—	—	—	—
33	Back flow prevention device (Local supply)	—	—	—	—	—	—	—	—	—
34	Isolating valve (Local supply)	—	—	—	—	—	—	—	—	—
35	Magnetic filter (Local supply) (Recommended)	—	—	—	—	—	—	—	—	—
36	Strainer (Local supply)	—	—	—	—	—	—	—	—	—
37	Additional PRV (Local supply)	—	—	—	—	—	—	—	—	—
38	Inlet control group *1	—	—	—	—	—	—	—	—	—
39	Filling loop (Ball valves, check valves and flexible hose) *1	—	—	—	—	—	—	—	—	—
40	Potable expansion vessel *1	—	—	—	—	—	—	—	—	—
41	Air vent (Local supply)	—	—	—	—	—	—	—	—	—
42	Pressure relief valve (5 bar)	✓	—	✓	—	—	✓	✓	—	—

*1 Supplied with UK model ONLY. Please refer to PAC-WK02UK-E Installation Manual for more information on accessories.

*2 Attachment the part to the position of 3 bar PRV for E*ST20 series. (Refer to the Figure 3,2 and 3,3 on the manual of RG79F364H01(page 8))

*3 Attachment the part to the position of 3 bar PRV for E*ST30 series. (Refer to the Figure 3,2 and 3,3 on the manual of RG79F364H01(page 8))

<Table 4.2>

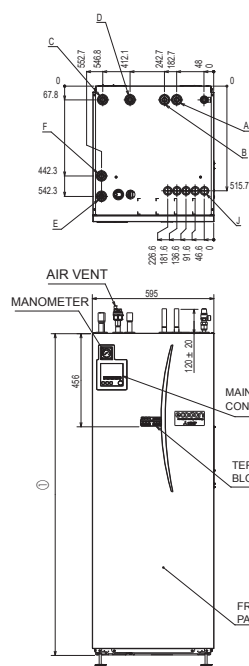
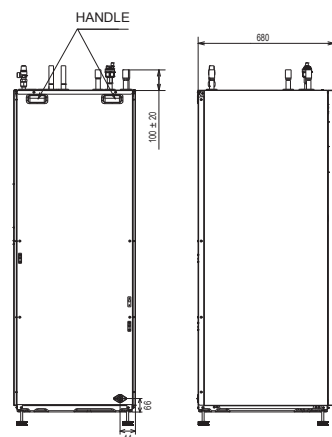
OUTLINES AND DIMENSIONS

5-1. Technical Drawings

<E**T***-*M**D>

(Packaged model system)

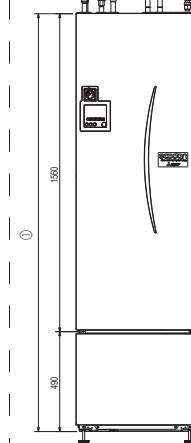
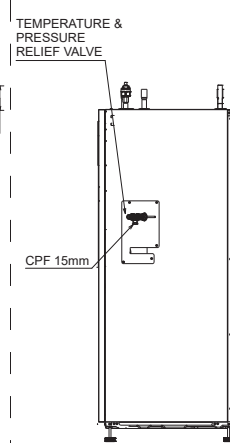
DHW tank capacity	170L	200L	300L
①	1400	1600	2050



<Unit: mm>

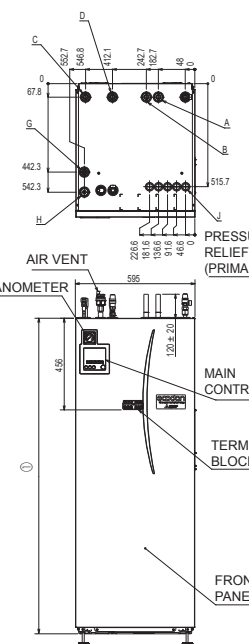
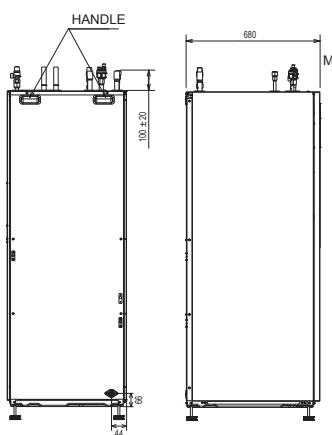
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<E*PT30X-*M*ED>

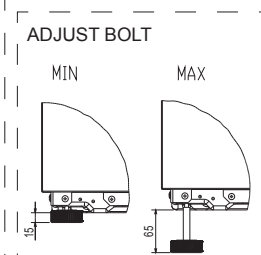
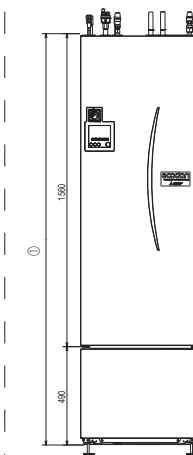


(Split model system)

DHW tank capacity	170L	200L	300L
①	1400	1600	2050



<E*ST30*-*M*ED>



Letter	Pipe description	Connection size/type	
A	DHW outlet connection	22 mm/Compression	
B	Cold water inlet connection	22 mm/Compression	
C	Space heating/cooling RETURN connection	28 mm/Compression	
D	Space heating/cooling FLOW connection	28 mm/Compression	
E	Flow connection FROM heat pump (No plate heat exchanger)	28 mm/Compression	
F	Return connection TO heat pump (No plate heat exchanger)	28 mm/Compression	
G	Refrigerant (GAS) (With plate heat exchanger)	12.7 mm/Flare (E*ST**D-*) 15.88 mm/Flare (E*ST**C-*)	⚠ Warning • Refrigerant pipes connection shall be accessible for maintenance purposes. • In the case of reconnecting the refrigerant pipes after detaching, make the flared part of pipe re-fabricated.
H	Refrigerant (LIQUID) (With plate heat exchanger)	6.35 mm/Flare (E*ST**D-*) 9.52 mm/Flare (E*ST**C-*)	
J	Electrical cable inlets 	For inlets ①, ② and ③, run low-voltage wires including external input wires and thermostat wires. For inlets ④ and ⑤, run high-voltage wires including power cable, indoor-outdoor cable, and external output wires. *For a wireless receiver (option) cable and ecodan Wi-Fi interface (option) cable, use inlet ①.	

<Table 5.1>