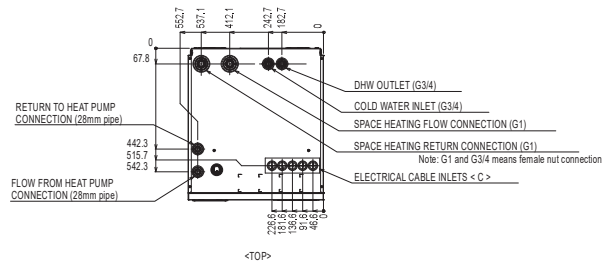


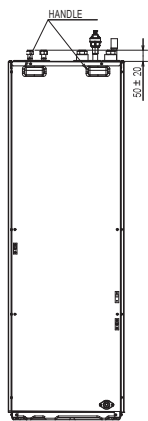
3 Technical Information

■ Technical Drawings <EHPT20X-MEHEW> (Packaged model system)

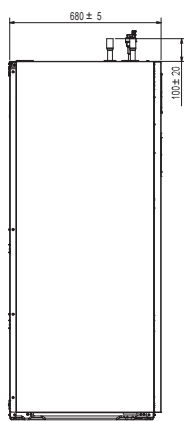
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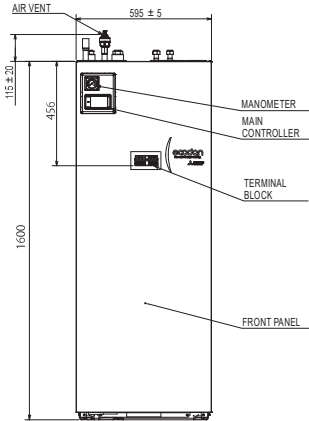
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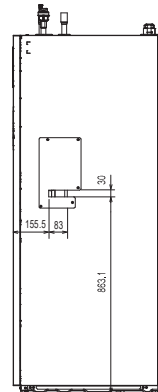
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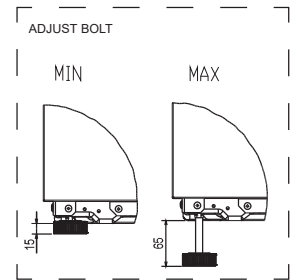
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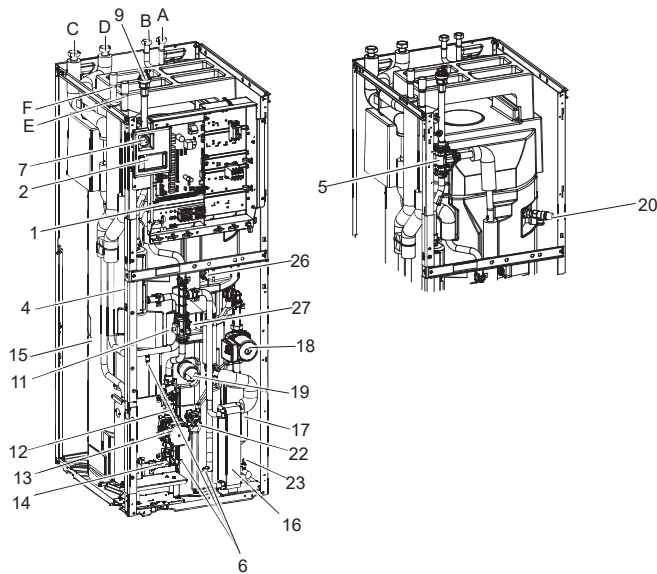


Pipe description	Connection size/type
Electrical cable inlets 	For inlets ①, ② and ③, run low-voltage wires including external input wires and thermistor wires. For inlets ④ and ⑤, run high-voltage wires including power cable, indoor-outdoor cable, and external output wires. Note: For a wireless receiver (option) cable and ecodan Wi-Fi interface (option) cable, use inlet ①.

<Table 3.2>

3 Technical Information

Component Parts <EHPT20X-MEHEW> (Packaged model system)



<Figure 3.1>

Note:
For installation of EHPT20X-MEHEW model, make sure to install a suitably sized primary-side expansion vessel. (See figure 3.2 for further guidance)

No.	Part name	No.	Part name	No.	Part name
A	DHW outlet pipe	14	Pump Elbow	35	Magnetic filter (Local supply) (Recommended)
B	Cold water inlet pipe	15	DHW tank	36	Strainer (Local supply)
C	Water pipe (Space heating/cooling return connection)	16	Plate heat exchanger (Water - Water)	37	Pressure relief valve (3 bar - In outdoor unit)
D	Water pipe (Space heating/cooling flow connection)	17	Scale trap	38	Inlet control group *2
E	Water pipe (Flow from heat pump connection)	18	Water circulation pump (Sanitary circuit)	39	Filling loop (Ball valves, check valves and flexible hose) *2
F	Water pipe (Return to heat pump connection)	19	Immersion heater *1	40	Sanitary expansion vessel *2
G	Refrigerant pipe (Gas)	20	Temperature and pressure relief valve *1	41	Air vent (Local supply)
H	Refrigerant pipe (Liquid)	21	Pressure relief valve (10 bar) (DHW Tank) (Local supply)	42	Pressure relief valve (5 bar) *6
1	Control and electrical box	22	Drain cock (DHW tank)	43	Water circulation pump 2 (Zone 1) (Local supply)
2	Main remote controller	23	Drain cock (Sanitary circuit)	44	Water circulation pump 3 (Zone 2) (Local supply)
3	Plate heat exchanger (Refrigerant - Water)	24	Thermistor (Flow water temp.) (THW1)	45	Mixing valve (Local supply)
4	Booster heater 1, 2	25	Thermistor (Return water temp.) (THW2)	46	Magnetic filter (Local supply) *5
5	3-way valve	26	Thermistor (DHW tank upper water temp.) (THW5A)	47	Mud trap (Local supply)
6	Drain cock (Primary circuit)	27	Thermistor (DHW tank lower water temp.) (THW5B)	48	Thermistor (Zone 1 flow water temp.) (THW6)
7	Manometer	28	Thermistor (Ref. liquid temp.) (TH2)	49	Thermistor (Zone 1 return water temp.) (THW7)
8	Pressure relief valve (3 bar) *3	29	Pressure sensor (Local supply)	50	Thermistor (Zone 2 flow water temp.) (THW8)
9	Automatic air vent	30	Drain pan *3	51	Thermistor (Zone 2 return water temp.) (THW9)
10	Expansion vessel (Primary circuit) (Local supply)	31	Outdoor unit	52	Header
11	Flow sensor	32	Drain pipe (Local supply)		
12	Magnetic filter	33	Back flow prevention device *4		
13	Water circulation pump 1 (Primary circuit)	34	Isolating valve (Local supply)		

<Table 3.3>

*1 Factory-fitted with UK model ONLY.

*2 Please refer to PAC-WK02UK-E Installation Manual for more information on accessories.

*3 EHPT20X-MEHEW NOT available.

*4 For UK, this is part of ICG.

*5 Factory-fitted with ERST17D-***BE ONLY.

*6 ONLY E**T***-*M*EE* model.

Model name	EHPT20X-MEHEW
Maximum supply pressure to the pressure reducing valve	16 bar
Operating pressure (Sanitary side)	3.5 bar
Expansion vessel charge setting pressure (Sanitary side)	3.5 bar
Expansion valve setting pressure (Sanitary side)	6.0 bar
Immersion heater specification (Sanitary side) *	3000 W, 230 V
DHW tank capacity	200 L
Mass of the unit when full	287 kg
Maximum primary working pressure	2.5 bar
Maximum sanitary-side working pressure	5.5 bar

<Table 3.4>