

3 Technical Information

■ Product specification

Model name			EHSE-YM9EC	EHSE-MEC	ERSE-YM9EC	ERSE-MEC
Overall unit dimensions			950 × 600 × 360 mm (Height × Width × Depth)			
Weight (empty)			62 kg	60 kg	63 kg	61 kg
Weight (full)			72 kg	70 kg	73 kg	71 kg
Water volume of heating circuit in the unit			10 kg			
Cooling mode			NOT available		Available	
Unvented expansion vessel(Primary heating)		Nominal volume	—			
		Charge pressure	—			
Safety device	Water circuit (Primary)	Control thermistor	1 - 80°C			
		Pressure relief valve	0.3 Mpa (3bar)			
		Flow sensor	Min flow 5.0 L/min			
	Booster heater	Manual reset thermostat	90°C	—	90°C	—
		Thermal Cut-out (for dry run prevention)	121°C	—	121°C	—
Primary circuit circulating Pump			Grundfos UPMXL GE0 25 - 125 180PWM			
Connections		Water	G1 1/2			
		Refrigerant (R410A)	Liquid	3/8 F		
			Gas	3/4 F		
Target temperature range	Flow temperature	Heating	25 - 60°C			
		Cooling	—	5 - 25°C		
	Room temperature	Heating	10 - 30 °C			
		Cooling	—	NOT available		
Guaranteed operating range	Ambient *1		0 - 35°C (≤ 80 %RH)			
	Outdoor temperature	Heating	See outdoor unit spec table.			
		Cooling	—	See outdoor unit spec table (min. 10°C). *2		
Electrical data	Control board	Power supply (Phase, voltage, frequency)	~N, 230 V, 50 Hz			
		Breaker (*when powered from independent source)	10 A			
	Booster heater	Power supply (Phase, voltage, frequency)	3~, 400 V, 50 Hz	—	3~, 400 V, 50 Hz	—
		Capacity	3kW+6kW	—	3kW+6kW	—
		Current	13 A	—	13 A	—
		Breaker	16 A	—	16 A	—
Sound level			30 dB(A)			

<Table 3.1>

*1 The environment must be frost-free.

*2 Cooling mode is not available in low outdoor temperature.

Optional extras

●Wireless Remote Controller	PAR-WT50R-E	●Tank themistor (THW5) (30 m)	PAC-TH011TKL-E
●Wireless Receiver	PAR-WR51R-E	●Thermistor	PAC-TH011-E
●Remote Sensor	PAC-SE41TS-E	●High temperature thermistor	PAC-TH011HT-E
●Tank themistor (THW5) (5 m)	PAC-TH011TK-E	●ecodan Wi-Fi Interface	PAC-WF010-E
		●Joint pipe	MAC-A454JP-E