Model name			ERSE-MEE	ERSE-YM9EE
Overall unit dimensions (Height × Width × Depth)			950 × 600 × 360 mm	
Water volume of heating circuit in the unit *1			10 L	
Unvented expansion vessel (Primary heating)	Nominal volume		-	
	Charge pressure		-	
Safety device	Primary circuit	Control thermistor	80°C	
		Pressure relief valve	0.3 MPa (3 bar)	
		Flow sensor	Min. flow 5.0 L/min (See table 4.3.1 about water flow rate range)	
	Booster heater	BH manual reset thermostat	-	90°C
		BH thermal cut-out	-	121°C
Connections	Water	Primary circuit	G1-1/2B	
	Refrigerant	Liquid	ø9.52 mm	
		Gas	ø25.4 (Brazing) mm	
Operating range	Heating	Room temperature	10 - 30°C	
		Flow temperature *4, *5	20 - 60°C	
	Cooling	Room temperature	-	
		Flow temperature	5 - 25°C	
Guaranteed operating range *2	Ambient		0 - 35°C (≤ 80 %RH)	
	Outdoor temperature	Heating	See outdoor unit spec table.	
		Cooling	*3	
Electrical data	Control board (Including 4 pumps)	Power supply (Phase, voltage, frequency)	~/N, 230 V, 50 Hz	
		Input	0.34 kW	
		Current	2.56 A	
		Breaker	10 A	
	Booster heater	Power supply (Phase, voltage, frequency)	-	3~, 400 V, 50 Hz
		Capacity	-	3 + 6 kW
		Current	-	13 A
		Breaker	-	16 A
Sound power level (PWL)			45 dB(A)	

<Table 3.3>

*1 Piping to expansion vessel is 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 Maximum temperature of E*****F model depending on the connected outdoor unit. PUZ: 70°C, Other: 60°C.

*5 Maximum temperature of E*****X model depending on the connected outdoor unit. WZ: 75°C, Other: 60°C.