

Model name			ERSE-MEE		ERSE-YM9EE		ERPX-ME		ERPX-VM2E		ERPX-VM6E		ERPX-YM9E	
Overall unit dimensions (Height × Width × Depth)			950 × 600 × 360 mm				800 × 530 × 360 mm							
Water volume of heating circuit in the unit *1			10 L				1,0 L		4,5 L					
Unvented expansion vessel (Primary heating)	Nominal volume		-				10 L							
	Charge pressure		-				0,1 MPa (1 bar)							
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		-	90°C							
		BH thermal cut-out	-	121°C		-	121°C							
Connections	Water	Primary circuit	G1-1/2B						G1					
	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				20 - 75°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				0,30 kW							
		Current	2,56 A				1,95 A							
		Breaker	10 A											
	Booster heater	Power supply (Phase, voltage, frequency)	-	3~, 400 V, 50 Hz		-	~N, 230 V, 50 Hz						3~, 400 V, 50 Hz	
		Capacity	-	3 + 6 kW		-	2 kW		2 + 4 kW		3 + 6 kW			
		Current	-	13 A		-	9 A		26 A		13 A			
		Breaker	-	16 A		-	16 A		32 A		16 A			
Sound power level (PWL)			45 dB(A)				40 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.