

Split Model Specification

<Cylinder unit>

Model name			ERST20F-VM2E		ERST20F-YM9E		ERST30F-VM2EE		ERST30F-YM9EE				
			Type		Heating and cooling		Heating and cooling		Heating and cooling				
			Expansion vessel		3		3		-				
			Booster heater		3		3		3				
Dimensions		HxWxD	mm	1600 × 595 × 680				2050 × 595 × 680					
Weight (empty)			kg	94		98		109		112			
Control board power supply (Phase / V / Hz)				~N, 230 V, 50 Hz									
Heater		Booster heater		Power supply (Phase / V / Hz)		~N, 230 V, 50 Hz		3~ , 400V, 50 Hz		~N, 230 V, 50 Hz			
				Capacity		2		3+6		2			
				Current		9		13		9			
				Breaker		16		16		16			
Domestic hot water tank		Volume		L		200				300			
Guaranteed operating range *1		Indoor unit ambient		°C		0~35 (≤80%RH)							
		Outdoor		Heating		°C		See outdoor unit spec table.					
				Cooling		°C		See outdoor unit spec table.*2					
Target temperature range		Heating		Room temperature		°C		10~30					
				Flow temperature *4		°C		20~70					
		Cooling		Room temperature		°C		--					
				Flow temperature		°C		5~25					
DHW tank performance		Max. hot water temperature		°C		70							
		Water heating energy efficiency class				Depending on outdoor unit.							
Sound power level (PWL)			dB(A)	41									

*1 The environment must be frost-free.

*2 During cooling operation at low outdoor temperature (10°C or lower), frozen water may cause damage on plate heat exchanger.

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

*4 Max temperature is depending on the connected outdoor unit.

<Hydrobox>

Model name			ERSF-VM2E	ERSF-YM9E	
	Type	Heating and cooling			
	Expansion vessel	3		3	
	Booster heater	3		3	
Dimensions	HxWxD	mm	800 × 530 × 360		
Weight (empty)		kg	29	31	
Control board power supply (Phase / V / Hz)			~N, 230, 50 Hz		
Heater	Booster heater	Power supply (Phase / V / Hz)	~N, 230, 50 Hz	3~, 400, 50 Hz	
		Capacity	kW	2	3+6
		Current	A	9	13
		Breaker	A	16	16
Guaranteed operating range *1	Indoor unit ambient		0~35°C (±80%RH)		
	Outdoor	Heating	°C See outdoor unit spec table.		
		Cooling	°C See outdoor unit spec table.*2		
Target temperature range	Heating	Room temperature	°C 10~30		
		Flow temperature *3	°C 20~75		
	Cooling	Room temperature	°C -		
		Flow temperature	°C -		
Sound power level (PWL)		dB(A)	41		

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