## SplitType Specifications

## Indoor unit

Cylinder	unit (Reve	ersible)>	Small capacity					
Model name				ERST17D-VM2D ERST20D-VM2D ERST30D-VM2				
Type Expansion vessel				Heating and Cooling				
				レ	V			
		Booster heater (2/6/9 kW)		レ	V	V		
Dimensions HxWxD			mm	1400x595x680	1400x595x680 1600x595x680			
Weight (em	pty)		kg	94 100 115				
Control Boa	rd Power s	upply (Phase / V / Hz)		~/N, 230V, 50Hz ~/N, 230V, 50Hz ~/N, 230V, 5				
Heater	Booster heater	Power supply (V / Phase / Hz)		~/N, 230V, 50Hz	~/N, 230V, 50Hz	~/N, 230V, 50H		
		Capacity	kW	2 2		2		
		Current	Α	9 9		9		
		Breaker size	Α	16	16	16		
Domestic hot water tank	Volume /	Materia <b>l</b>	L/-	170 / Stainless steel	200 / 300 / Stainless steel Stainless stee			
Guranteed	Ambient °C		°C	0 - 35 (≦80%RH)				
operating range *1	Outdoor	Heating	°C	See outdoor unit spec table				
range ^ i		Cooling	°C	See ou	tdoor unit spec ta	able *2		
Target	Heating	Room temperature	°C	10 - 30				
temperature range		Flow temperature	°C	20 - 60				
	Coolimg	Room temperature	°C	=				
		Flow temperature	°C	5 - 25				
DHW tank		Max. hot water temperature	°C	70				
performano	e	Water heater energy efficiency	/ class	A <sup>+</sup>		A - A <sup>+</sup>		
Sound pressure level (PWL)			dB (A)	41				

<sup>\*1</sup> The indoor 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.

<cylinder th="" ι<=""><th>unit (Reve</th><th colspan="3">Medium capacity</th></cylinder>	unit (Reve	Medium capacity				
Model name				ERST20C-VM2D ERST30C-VM2		
		Type	Heating a	nd Cooling		
		Expansion vessel	V			
		Booster heater (2/6/9 kW)		レ	レ	
Dimensions	;	HxWxD	mm	1600x595x680	2050x595x680	
Weight (em	pty)		kg	110	122	
Control Boa	Control Board Power supply (Phase / V / Hz)			~/N, 230V, 50Hz	~/N, 230V, 50Hz	
Heater	Booster heater	Power supply (V / Phase / Hz)		~/N, 230V, 50Hz	~/N, 230V, 50Hz	
		Capacity	kW	2	2	
		Current	Α	9	9	
		Breaker size	Α	16	16	
Domestic hot water tank			L/-	200 / Stainless steel	300 / Stainless steel	
Guranteed	Ambient			0 - 35 (≦80%RH)		
operating range *1	Outdoor	Heating	°C	See outdoor unit spec table		
range		Cooling	°C	See outdoor unit spec table *2		
Target	Heating	Room temperature	°C	10 - 30		
temperature		Flow temperature	°C	20 - 60		
range	Coolimg	Room temperature	°C	-		
		Flow temperature	°C	5 - 25		
DHW tank performance		Max. hot water temperature	°C	70		
		Water heater energy efficiency	/ class	A <sup>+</sup> A		
Sound pres	Sound pressure level (PWL)			40		

<sup>\*1</sup> The indoor 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.

<hydro bo<="" td=""><td>x (Revers</td><td>ible)&gt;</td><td></td><td>Small capacity</td><td colspan="3">pacity Medium capacity Large capacity</td></hydro>	x (Revers	ible)>		Small capacity	pacity Medium capacity Large capacity				
Model nam	e			ERSD-VM2D	ERSC-VM2D	ERSE-MED	ERSE-YM9ED		
	Туре			Heating and Cooling					
		Expansion vessel		レ	V	-	-		
	Booster heater (2/6/9 kW)			レ	レ	-	V		
Dimensions	;	HxWxD	mm	8002	800x530x360		950x600x360		
Weight (em	pty)		kg	44	48	62	64		
Control Board Power supply (Phase / V / Hz)				~/N, 230V, 50Hz	∼/N, 230V, 50Hz	~/N, 230V, 50Hz	~/N, 230V, 50Hz		
Heater	Booster	Power supply (V / Phase / Hz)		~/N, 230V, 50Hz	~/N, 230V, 50Hz	-	3 ~, 400V, 50Hz		
heate	heater	Capacity	kW	2	2	-	3+6		
		Current	А	9	9	-	13		
		Breaker size	Α	16	16	-	16		
Guranteed	Ambient		°C						
operating	Outdoor	loor Heating			See outdoor unit spec table				
range " i		Cooling	°C		See outdoor unit s	ERSE-MED Cooling			
- Carantosa	Room temperature	°C		10 - 30					
		Flow temperature	°C	20 - 60					
	Coolimg	Room temperature	°C	-					
		Flow temperature	°C	5 - 25					
Sound pres	Sound pressure level (PWL)			41	40	4	5		

<sup>\*1</sup> The indoor environment must be frost-free \*2 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 breaking by frozen water.



## Packaged Type Specifications

## <Cylinder unit (Reversible)>

Model name					ERPT17X- VM2D	ERPT20X- VM2D	ERPT30X- VM2ED		
Туре				Heating and cooling					
Immersion heater Expansion vessel Booster heater				-	-	-			
			Exp	ansion vessel	1	1	-		
			ster heater		1	1	1		
Dimensions HxWxD			mm	1400×595×680	1600×595×680	2050×595×680			
Weight (empty)			kg	86	94	107			
Control board power supply (Phase / V / Hz)						~/N, 230V, 50Hz			
Heater	Booster heater		Power supply (Phase / V / F		Hz)	~/N, 230V, 50Hz	~/N, 23	0V, 50Hz	
			Capacity		kW	2	2	2	
			Current		А	9	9	9	
				Breaker size		16	16	16	
	Immersion heater*2		Power supply (Phase / V / Hz)		-	-	-		
			Capacity		kW	-	-	-	
			Current		Α	-	-	-	
		Bre		aker size	А			-	
	Domestic hot water tank		Material	L/-	170 / Stainless steel	200 / Stainless steel	300 / Stainless steel		
Guarante		Amb	Ambient			0 - 35 (≦80%RH)			
operatin range*1	g	Outdoor		Heating	°C	See outdoor unit spec table			
range .			Cooling		°C	See outdoor unit spec table*4			
Target		Heating		Room temperature	°C	10~30			
temperature range				Flow temperature	°C	20~60			
		Cooling Room temperature Flow temperature		Room temperature	°C	-			
				°C	5~25				
DHW tank performance		Max. hot water temperature			°C	70			
		Water heater emergy efficiency			class	A+ A			
Sound p	Sound pressure level (PWL)			dB (A)	40				

- \*1 The indoor environment must be frost-free.
  \*2 Do not fit immersion heaters without thermal cut-out. Use only Mitsubishi Electric service parts as a direct replacement.
  \*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 During cooling operation at low outdoor temperature (10°C or lower), frozen water may cause damage on plate heat exchanger.

