

Packaged Type Specifications

Indoor unit

<Cylinder unit (Heating only)>

Model name		EHPT17X-VM2D	EHPT17X-VM6D	EHPT17X-VM9D	EHPT20X-MED	EHPT20X-VM6D	EHPT20X-VM9D	EHPT20X-VM9ED	EHPT20X-TM9D	EHPT20X-MHEDW	EHPT30X-MED	EHPT30X-VM9ED			
Type		Heating only													
Immersion heater		-	-	-	-	-	-	-	-	✓	-	-			
Expansion vessel		✓	✓	✓	-	✓	✓	-	✓	-	-	-			
Booster heater		✓	✓	✓	-	✓	✓	✓	✓	-	-	✓			
Dimensions		HxWxD mm 1400x595-680					1600x595x680					2050x595x680			
Weight (empty)		kg 85 86		87		93		101		102		96 102 90 106 109			
Control board power supply (Phase / V / Hz)		~N, 230V, 50Hz		~N, 230V, 50Hz		~N, 230V, 50Hz		~N, 230V, 50Hz		~N, 230V, 50Hz		~N, 230V, 50Hz			
Heater	Booster heater*2	Power supply (Phase / V / Hz)		~N, 230V, 50Hz		~N, 230V, 50Hz		3~, 400V, 50Hz		~N, 230V, 50Hz		3~, 400V, 50Hz			
		Capacity	kW 2 2+4 3+6		-		2+4		3+6		3+6		3+6		
		Current	A 9 26 13		-		26		13		23		-		
		Breaker size	A 16 32 16		-		32		16		16		32		
	Immersion heater	Power supply (Phase / V / Hz)		-		-		-		-		~N, 230V, 50Hz		-	
		Capacity	kW - - -		-		-		-		-		3		
		Current	A - - -		-		-		-		-		13		
		Breaker size	A - - -		-		-		-		-		16		
Domestic hot water tank	Volume / Material		L / - 170 / Stainless steel				200 / Stainless steel				300 / Stainless steel				
	Guaranteed operating range*1	Ambient	°C 0 - 35 (≤80%RH)												
Outdoor		Heating	°C See outdoor unit spec table												
	Target temperature range	Heating	Room temperature	°C 10-30											
Flow temperature			°C 20-60												
Cooling		Room temperature	°C -												
		Flow temperature	°C -												
DHW tank performance	Max. hot water temperature		°C 70				*3				70				
	Water heater energy efficiency class		-				A+				*3 70				
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.

<Cylinder unit (Reversible)>

Model name		ERPT17X-VM2D	ERPT20X-MD	ERPT20X-VM2D	ERPT20X-VM6D	ERPT30X-VM2ED	
Type		Heating and cooling					
Immersion heater		-	-	-	-	-	
Expansion vessel		✓	✓	✓	✓	✓	
Booster heater		✓	✓	✓	✓	✓	
Dimensions		HxWxD mm 1400x595x680		1600x595x680		2050x595x680	
Weight (empty)		kg 86 99		100 101		107	
Control board power supply (Phase / V / Hz)		~N, 230V, 50Hz		~N, 230V, 50Hz		~N, 230V, 50Hz	
Heater	Booster heater	Power supply (Phase / V / Hz)		~N, 230V, 50Hz		~N, 230V, 50Hz	
		Capacity	kW 2 - 2 2+4 2		-		
		Current	A 9 - 9 26 9		-		
		Breaker size	A 16 - 16 32 16		-		
	Immersion heater*2	Power supply (Phase / V / Hz)		-		-	
		Capacity	kW - - - -		-		
		Current	A - - - -		-		
		Breaker size	A - - - -		-		
Domestic hot water tank	Volume / Material		L / - 170 / Stainless steel		200 / Stainless steel 300 / Stainless steel		
	Guaranteed operating range*1	Ambient	°C 0 - 35 (≤80%RH)				
Outdoor		Heating	°C See outdoor unit spec table				
	Target temperature range	Heating	Room temperature	°C 10-30			
Flow temperature			°C 20-60				
Cooling		Room temperature	°C -				
		Flow temperature	°C 5-25				
DHW tank performance	Max. hot water temperature		°C 70				
	Water heater energy efficiency class		A+		A		
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 During cooling operation at low outdoor temperature (10°C or lower), frozen water may cause damage on plate heat exchanger.

<Hydro box (Heating only)>

Model name		EHPX-MED	EHPX-VM2D	EHPX-VM6D	EHPX-VM9D	EHPX-VM9ED	
Type		Heating only					
Immersion heater		-	-	-	-	-	
Expansion vessel		-	✓	✓	✓	-	
Booster heater		-	✓	✓	✓	✓	
Dimensions		HxWxD mm 800x530x360					
Weight (empty)		kg 28 35 37 37 32					
Control board power supply (Phase / V / Hz)		~N, 230V, 50Hz					
Heater	Booster heater	Power supply (Phase / V / Hz)		~N, 230V, 50Hz		3~, 400V, 50Hz	
		Capacity	kW - 2 2+4 3+6 3+6		-		
		Current	A - 9 26 13 13		-		
		Breaker size	A - 16 32 16 16		-		
Guaranteed operating range*1	Ambient	°C 0-35 (≤80%RH)					
	Outdoor	Heating	°C See outdoor unit spec table				
Target temperature range		Heating	Room temperature	°C 10-30			
	Flow temperature		°C 20-60				
	Cooling	Room temperature	°C -				
		Flow temperature	°C -				
Sound pressure level (PWL)		dB (A) 40					

*1 The indoor environment must be frost-free.

Outdoor unit

Model name		PUZ-WM50VA	PUZ-WM60VAA	PUZ-WM85V/YAA	PUZ-WM112V/YAA
Refrigerant		R32*1			
Dimensions		HxWxD mm 943x950x330	1020x1050x480	1020x1050x480	1020x1050x480
Weight		kg 71 98 98/111 119/132			
Power supply (V / Phase / Hz)		VHA · VAA: 230 / 1-ph / 50, YHA · YAA: 400 / 3-ph / 50			
Heating	A7W35*2	Nominal	kW 5.0 6.0 8.5 11.2		
		COP	5.00 5.06 4.80 4.70		
	A2W35*2	Nominal	kW 5.0 6.0 8.5 11.2		
		COP	3.70 3.75 3.51 3.44		
Average climate water outlet 35°C*3		Class	A+++ A+++ A+++ A+++		
		ηs	183 190 193/190 191/189		
Average climate water outlet 55°C*3		Class	A++ A++ A++ A++		
		ηs	129 142 139/138 134/133		
DHW 200(L) Load Profile (Average climate)*4		Class	A+ A+ A+ A+		
		ηwh	135 145 145 148		
Max outlet water temperature (°C)		60 60 60 60			
Cooling	A35W7*2	Nominal	kW 4.5 6.0 7.5 10.0		
		EER	3.40 3.30 3.15 3.30		
	A35W18*2	Nominal	kW 4.5 6.0 7.5 10.0		
		EER	5.00 4.45 4.90 4.90		
PWL (Heating)*5		dB(A) 61 58 58 60			
Max operating current		A 13.0 13.0 22.0/11.5 28.0/13.0			
Breaker size		A 16 16 25/16 32/16			
Piping	Diameter	Liquid/Gas mm - - - -			
	Length	Out-In m - - - -			
	Height	Out-In m - - - -			
Guaranteed Operating Range	Heating	°C -20°C~21°C -20°C~21°C -20°C~21°C -25°C~21°C			
	DHW	°C -20°C~35°C -20°C~35°C -20°C~35°C -25°C~35°C			
	Cooling	°C 10°C~46°C 10°C~46°C 10°C~46°C 10°C~46°C			

*1 Refrigerant leakage contribute to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.

*2 Air-to-Water values are measured based on EN14511 (Circulation pump input is not included).

*3 ηs values are measured based on EN14825.

*4 ηwh values are measured based on EN16147.

*5 Sound power levels are measured based on EN12102.

Packaged type

Small capacity
(Under 5kW)*

PUZ-WM50

Medium capacity
(6.0kW-11.2kW)*

PUZH-WM60/85/112

*Rated capacity is at conditions A2W35. (according to EN14511)