

R32

Packaged Type Specifications

<Hydro box (Reversible)>

NEW

Model name		ERPX-VM2D	
Type		Heating and cooling	
Immersion heater		-	
Expansion vessel		✓	
Booster heater		✓	
Dimensions	HxWxD	mm 800x530x360	
Weight (empty)	kg	33	
Control board power supply (Phase / V / Hz)		~N, 230V, 50Hz	
Heater	Booster heater	Power supply (Phase / V / Hz)	
		~N, 230V, 50Hz	
		Capacity	kW 2
		Current	A 9
		Breaker size	A 16
Guaranteed operating range*1	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	°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.

*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.

R32

Packaged type

Small capacity (Under 5kW)*

Medium capacity (6.0kW-14kW)*



PUZ-HWM140

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

Packaged type

Small capacity (Under 5kW)*

Medium capacity (8.0kW-11.2kW)*



PUZ-WM50



PUHZ-WM85/112

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

Outdoor unit

NEW

Model name		PUZ-WM50VHA		PUZ-WM85V/YAA		PUZ-WM112V/YAA		PUZ-HWM140V/YHA	
Refrigerant		R32*1							
Dimensions		HxWxD	mm 943x950x330	1020x1050x480	1020x1050x480	1350x1020x330			
Weight		kg	71	98/111	119/132	132/143			
Power supply (V / Phase / Hz)		VHA • VAA: 230 / 1-ph / 50, YHA • YAA: 400 / 3-ph / 50							
Heating	A7W35*2	Nominal	kW 5.0	8.5	11.2	14.0			
		COP	5.00	4.80	4.70	4.46			
	A2W35*2	Nominal	kW 5.0	8.5	11.2	14.0			
		COP	3.70	3.51	3.44	3.15			
Average climate water outlet 35°C*3	Class		A+++	A+++	A+++	A+++			
	ηs		183	193/190	191/189	176/175			
Average climate water outlet 55°C*3	Class		A++	A++	A++	A++			
	ηs		129	139/138	134/133	132/131			
DHW 200(L) Load Profile (Average climate)*4	Class		A+	A+	A+	A+			
	ηwh		135	145	148	130			
Max outlet water temperature (°C)		60 60 60 60							
Cooling	A35W7*2	Nominal	kW 4.5	7.5	10.0	11.9			
		EER	3.40	3.15	3.30	3.00			
	A35W18*2	Nominal	kW 4.5	7.5	10.0	11.1			
		EER	5.00	4.90	4.90	4.10			
PWL (Heating)*5		dB(A)	61	58	60	67			
Max operating current		A	13.0	22.0/11.5	28.0/13.0	35.0/13.0			
Breaker size		A	16	25/16	32/16	40/16			
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	-25°C~21°C	-28°C~21°C			
	DHW	°C	-20°C~35°C	-20°C~35°C	-25°C~35°C	-28°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.