

**R32**

**PUZ-S(H)WM+E-generation**

				Standard				ZUBADAN				
Model name				PUZ-SWM80V/YAA	PUZ-SWM100V/YAA	PUZ-SWM120V/YAA	PUZ-SWM140V/YAA	PUZ-SHWM80V/YAA	PUZ-SHWM100V/YAA	PUZ-SHWM120V/YAA	PUZ-SHWM140V/YAA	
Refrigerant				R32**1								
Dimensions				1040x1050x480								
Weight				104.5/113.5	105.5/113.5	112/124.5	113.5/124.5	106/115	106.5/115	113.5/125.5	114.5/126	
Power supply				V: 230 / 1-ph / 50, Y: 400 / 3-ph / 50								
Heating	A7W35**2	Nominal	kW	6.00	8.00	10.00	12.00	6.00	8.00	10.00	12.00	
		COP		5.02	5.02	4.87	4.77	5.05	5.05	4.90	4.85	
	A2W35**2	Nominal	kW	8.00	10.00	12.10	14.00	8.00	10.00	12.10	14.00	
		COP		3.70	3.47	3.27	3.27	3.80	3.55	3.35	3.30	
Average climate water outlet 35°C**3	Class			A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	
	ηs	%		184%/184%	181%/180%	179%/179%	178%/177%	188%/187%	186%/186%	182%/182%	185%/185%	
Average climate water outlet 55°C**3	Class			A++	A++	A++	A++	A++	A++	A++	A++	
	ηs	%		130%/130%	134%/134%	133%/132%	136%/135%	134%/133%	138%/138%	138%/138%	142%/142%	
DHW 200L(L) Load Profile (Average climate)**4	Class			A+	A+	A+	A+	A+	A+	A+	A+	
	ηwh	%		137%	137%	137%	131%	137%	137%	137%	131%	
Max outlet water temperature				68								
Cooling	A35W7**2	Nominal	kW	7.10	9.00	11.00	12.50	7.10	9.00	11.00	12.50	
		COP		3.30	3.00	2.86	2.62	3.30	3.00	2.86	2.62	
	A35W18**2	Nominal	kW	8.00	10.00	12.00	14.00	8.00	10.00	12.00	14.00	
		COP		4.95	4.50	4.50	3.75	4.95	4.50	4.50	3.75	
PWL (Heating)**6			dB(A)	54	58	58	58	54	58	58	58	
Max operating current				A	17/8	22/9	28/12	28/12	19/8	27/9	28/12	35/12
Breaker size				A	20/16	25/16	32/16	32/16	25/16	30/16	32/16	40/16
Piping run	Diameter	Gas	mm	12.7 (15.88)**7				12.7 (15.88)**7				
		Liquid	mm	6.35				6.35				
	Length	Out-In	m	50	50	30/50**8	30/50**8	50	50	30/50**8	30/50**8	
		Height	Out-In	m	30				30			
Guaranteed operation range	Cooling		°C	10~52				10~52				
	Heating		°C	-25 ~-24				-30~-24				
	DHW		°C	-25 ~-42				-30 ~-42				

\*1 Refrigerant leakage contributes 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 675. This means that if 1 kg of this refrigerant would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub>, 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 or calculated based on EN14511 (Circulation pump input is not included.).

\*3 ηs values are measured based on Commission Regulation (EU) No 813/2013.

\*4 ηwh values are measured based on EN16147:2017.

\*5 When ΔT is 10°C and the piping length is 15m or less.

\*6 Sound power levels are measured based on EN12102:2013.

\*7 A diameter of 15.88 is necessary for cooling operation. Please refer to our installation manual for details.

\*8 For reversible(heating/cooling operation) with PUZ-S(H)WM120/140, the max piping length is 30m.



PUZ-SHWM80/100/120/140



PUZ-SWM80/100/120/140