R32

PUZ-S(H)WM+E-generation

Model name				Standard				ZUBADAN			
				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		HxWxD	mm	1040x1050x480							
Weight			kg	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			°C	68				68/70*5			
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_2, 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.

R32

ZUBADAN New Generation



PUZ-SHWM80/100/120/140

POWER INVERTER



PUZ-SWM80/100/120/140