

Specifications

Outdoor Unit Air-to-Air (ATA)	Cooling	Capacity	Rated (35°C)	kW	PXZ-4F75VG(2)	PXZ-5F85VG(2)	
		Min-Max		kW	7.2	8.3	
		Total Input	Rated (35°C)	kW	3.7-8.8	3.7-9.2	
		EER*1			1.85	1.97	
		Design load		kW	3.89	4.21	
		Annual electricity consumption*2		kWh/a	7.2	8.3	
		SEER*1*3			311	342	
					8.1	8.5	
			Energy efficiency class		A++	A+++	
		Heating	Capacity	Rated (7°C)	kW	8.6	9.3
				Rated (-7°C)	kW	6.20	6.20
				Min-Max (7°C)	kW	3.4-10.7	3.4-11.6
			Total Input	Rated (7°C)	kW	1.87	2.00
	COP*1				4.60	4.65	
	Design load			kW	7.0	7.0	
	Declared Capacity		at reference design temperature	kW	5.6	5.8	
			at bivalent temperature	kW	6.2	6.2	
			at operation limit temperature	kW	4.8	4.9	
	Back up heating capacity			kW	1.4	1.2	
	Annual electricity consumption*2			kWh/a	2,389	2,087	
	SCOP*1*3				4.1	4.7	
			Energy efficiency class		A+	A++	
	Sound Level (SPL)		Cooling	dB(A)	48	49	
			Heating	dB(A)	54	51	
	Sound Power Level (PWL)*4		Cooling	dB(A)	63	61	
			Heating	dB(A)	69	63	
Outdoor unit	Supply(V/Phase/Hz)			230V/1 phase/50Hz			
	Air Volume	ATA heating	m3/min	42.7	62		
		ATA Cooling	m3/min	35.4	57		
		ATW heating	m3/min	42.7	62		
		ATW DHW (ecodan indoor unit)	m3/min	42.7	62		
	Guaranteed Operating Range	ATA heating	°C	-20°C DB-24°C DB	-20°C DB-24°C DB		
		ATA Cooling	°C	-10°C DB-46°C DB	-10°C DB-46°C DB		
		ATW heating	°C	-20°C DB-24°C DB	-20°C DB-24°C DB		
		ATW DHW (ecodan indoor unit)	°C	-20°C DB-35°C DB	-20°C DB-35°C DB		
	Dimensions	H×W×D	mm	710×840(+30)×330(+66)	796×950×330		
	Weight		kg	59	62		
	Operating Current (max)		A	18	21.4		
	Breaker Size		A	25	25		
Ext.Piping	Diameter	Liquid/Gas	mm	6.35x4/12.7x1+9.52x3	6.35x5/12.7x1+9.52x4		
	Each indoor unit piping length (max)		m	30	30		
	Max.Length	Out-In	m	60	70		
	Max.Height	Out-In	m	20	20		
	Chargeless length		m	60	70		
Refrigerant	Amount	Pre-charged	kg	R32*5	R32*5		
		Maximum	kg	2.4	2.4		
				2.4	2.4		
Number of total port	Available indoor unit ATA	Quantity		1~3	1~4		
	Available indoor unit ATW	Quantity		1	1		
ecodan connection (Mitsubishi Electric supplied indoor unit)	Heating	A7W35*6	Capacity nom	kW	7.5	8.5	
			Capacity max	kW	9.3	10.0	
			Total Input nom	kW	1.80	1.96	
			Total Input max	kW	2.61	2.51	
			COP nom		4.17	4.34	
			COP max		3.57	3.99	
		A7W55*6	Capacity	kW	7.50	8.50	
			Total Input	kW	3.05	3.26	
			COP		2.46	2.61	
		A2W35*6	Capacity nom	kW	6.80	7.80	
			Capacity max	kW	6.80	7.80	
			Total Input nom	kW	2.43	2.60	
			Total Input max	kW	2.43	2.60	
			COP nom		2.80	3.00	
			COP max		2.80	3.00	
		SSHE 35°C Average condition	Class		A++	A++	
			ηS*7		154%	157%	
			SCOP		3.92	4.00	
			Class		A+	A+	
		SSHE 55°C Average condition	ηS*7		113%	111%	
			SCOP		2.91	2.86	
			Class		A+	A+	
			ηWH*9		130%	135%	
	DHW*8 (ecodan indoor unit)	DHW 200L Load Profile					
		Average condition					
		COP DHW			3.13	3.26	
Max outlet water temperture		°C	55	55			
Sound Level (SPL)	Heating	dB(A)	57	54			
	DHW (ecodan indoor unit)	dB(A)	57	54			
Sound Power Level (PWL)*4	Heating	dB(A)	67	64			
	DHW (ecodan indoor unit)	dB(A)	67	64			

*1 EER/COP, SEER/SCOP values and energy efficiency class are measured when connected to the indoor units listed below.

PXZ-4F75VG → MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN18VG2

PXZ-5F85VG → MSZ-LN18VG2 + MSZ-LN18VG2 + MSZ-LN25VG2 + MSZ-LN25VG2

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 SEER and SCOP are based on 2009/125/EC:Energy-related Products Directive and Regulation(EU) No206/2012.

*4 Sound power levels are measured based on EN12102.

*5 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 fluid would be leaked to the atmosphere, the impact on global warming would be 675 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.

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

*7 ηs values are measured based on EN14825.

*8 When connecting to E**D-***E.

*9 ηwh values are measured based on EN16147.