

# SEZ-M SERIES



## Indoor Unit

R32  
R410A

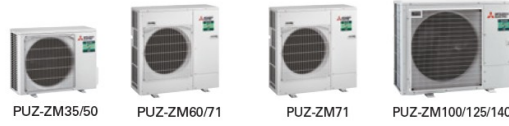


SEZ-M25/35/50/60/71DA3 (Requires Wired Remote Controller)

## Outdoor Unit

R32 For Single

R32 For Multi (Twin/Triple/Quadruple)



## Remote Controller



Indoor Unit Combination	Outdoor Unit Capacity																
	For Single						For Twin			For Triple			For Quadruple				
Power Inverter (PUZ-ZM)	35x1	50x1	60x1	71x1	-	-	-	35x2	100	125	60x2	35x3	50x3	50x3	125	140	35x4
Distribution Pipe	-	-	-	-	-	-	-	-	MSDD-50TR2-E			MSDT-111R4-E			MSDF-1111R3-E		

Type	SEZ-M Series																			
Indoor Unit	SEZ-M35DA3				SEZ-M50DA3				SEZ-M60DA3				SEZ-M71DA3							
Outdoor Unit	PUZ-ZM35VKA3				PUZ-ZM50VKA3				PUZ-ZM60VHA3				PUZ-ZM71VHA3							
Refrigerant <sup>(*)</sup>	R32																			
Power Supply	Outdoor power supply																			
Source	230/Single/50																			
Outdoor (V/Phase/Hz)	230/Single/50																			
Cooling	Capacity	Rated	kW		3.6				5.0				6.1				7.1			
		Min-Max	kW		1.6 - 3.9				2.3 - 5.6				2.7 - 6.3				3.3 - 8.1			
	Total Input	Rated	kW		0.858				1.316				1.525				1.919			
	EER <sup>(*)</sup>	Rated			4.20				3.80				4.00				3.70			
	Design load		kW		3.6				5.0				6.1				7.1			
	Annual electricity consumption <sup>(*)</sup>		kWh/a		205				287				352				440			
	SEER <sup>(*)</sup>		A++		A++				A++				A+				A+			
	Energy efficiency class		A++		A++				A++				A+				A+			
	nsc		%		-				-				-				-			
	Heating	Capacity	Rated	kW		4.1				6.0				7.0				8.0		
		Min-Max	kW		1.6 - 5.0				2.5 - 7.2				2.8 - 8.0				3.5 - 10.2			
Total Input		Rated	kW		1.025				1.579				1.738				2.052			
COP <sup>(*)</sup>		Rated			4.00				3.80				4.10				3.90			
Design load			kW		2.4				3.8				4.4				4.7			
Declared Capacity		at reference design temperature	kW		2.4 (10°C)				3.8 (10°C)				4.4 (10°C)				4.7 (10°C)			
		at bivalent temperature	kW		2.4 (10°C)				3.8 (10°C)				4.4 (10°C)				4.7 (10°C)			
		at operation limit temperature	kW		2.2 (11°C)				3.7 (11°C)				2.8 (20°C)				3.5 (20°C)			
Back up heating capacity			kW		0.0				0.0				0.0				0.0			
Annual electricity consumption <sup>(*)</sup>			kWh/a		795				1279				1464				1633			
SCOP <sup>(*)</sup>		A+		A+				A+				A+				A+				
Energy efficiency class		A+		A+				A+				A+				A+				
nsh		%		-				-				-				-				
Operating Current (Max)	Input (Cooling/Heating)	Rated	A		13.7				13.8				19.9				20.0			
	Operating Current (Max)		A		0.047				0.077				0.084				0.102			
	Dimensions	H*W*D	mm		200 - 990 - 700				200 - 990 - 700				200 - 1190 - 700				200 - 1190 - 700			
	Weight		kg		22				22				25.5				25.5			
	Air Volume (Lo-Mid-Hi)		m <sup>3</sup> /min		7.0 - 9.0 - 11.0				10.0 - 12.5 - 15.0				12.0 - 15.0 - 18.0				12.0 - 16.0 - 20.0			
	External Static Pressure <sup>(*)</sup>		Pa		<5> - 25 - <35> - <50>				<5> - 25 - <35> - <50>				<5> - 25 - <35> - <50>				<5> - 25 - <35> - <50>			
	Sound Level (Lo-Mid-Hi) (SPL)		dB(A)		23 - 27 - 31				30 - 34 - 37				30 - 34 - 38				30 - 35 - 40			
	Sound Level (PWL)		dB(A)		53				60				60				62			
	Dimensions	H*W*D	mm		630 - 809 - 320				630 - 809 - 320				943 - 950 - 355				943 - 950 - 355			
	Outdoor Unit	Weight		kg		46				46				67				67		
Air Volume		Cooling	m <sup>3</sup> /min		40				40				55				55			
		Heating	m <sup>3</sup> /min		40				34				55				55			
Sound Level (SPL)		Cooling	dB(A)		44				44				47				47			
		Heating	dB(A)		46				46				49				49			
Sound Level (PWL)		Cooling	dB(A)		65				65				67				67			
Operating Current (Max)			A		13.0				13.0				19.0				19.0			
Breaker Size			A		16				16				25				25			
Diameter <sup>(*)</sup>		Liquid/Gas	mm		6.35 / 12.7				6.35 / 12.7				9.52 / 15.88				9.52 / 15.88			
Ext. Piping		Max.Length	Out-In	m		50				50				55				55		
	Max.Height	Out-In	m		30				30				30				30			
	Guaranteed Operating Range	Cooling <sup>(*)</sup>	°C		-15 - 46				-15 - 46				-15 - 46				-15 - 46			
	Heating	°C		-11 - 21				-11 - 21				-20 - 21				-20 - 21				

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

\*3 Optional air protection guide is required where ambient temperature is lower than -5°C.

\*4 EER/COP and SEER/SCOP for M35-M60 are measured at ESP 25Pa. EER/COP and SEER/SCOP for M71 are measured at ESP 37Pa.

\*5 SEER and SCOP are based on 2009/125/EC: Energy-related Products Directive and Regulation(EU) No206/2012.

\*6 Joint pipe is required depending on installed refrigerant pipes, outdoor units and indoor units.

\*7 The factory setting of ESP is shown without < > .