

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		
		35	50	60	71	100	125	140	71	100	125	100	125	140	125	140
Power Inverter (PUZ-ZM)		35x1	50x1	60x1	71x1	-	-	-	35x2	50x2	60x2	35x3	50x3	50x3	35x4	35x4
Distribution Pipe		-	-	-	-	-	-	-	MSDD-50TR2-E			MSDT-111R4-E			MSDF-1111R3-E	

Type																		
Indoor Unit				SEZ-M35DA3			SEZ-M50DA3			SEZ-M60DA3			SEZ-M71DA3					
Outdoor Unit				PUZ-ZM35VKA3			PUZ-ZM50VKA3			PUZ-ZM60VHA3			PUZ-ZM71VHA3					
Refrigerant ^(*)							R32											
Power Supply	Source			Outdoor power supply														
Cooling	Outdoor (V/Phase/Hz)			230/Single/50														
	Capacity	Rated	kW	3.6			5.0			6.1			7.1					
		Min-Max	kW	1.6 - 3.9			2.3 - 3.6			2.7 - 6.3			3.3 - 8.1					
	Total Input	Rated	kW	0.858			1.316			1.525			1.919					
	EER ^(*)			4.20			3.80			4.00			3.70					
	Design load		kW	3.6			5.0			6.1			7.1					
	Annual electricity consumption ^(*)		kWh/a	205			287			352			440					
	SEER ^(*)			6.1			6.1			6.0			5.6					
		Energy efficiency class		A++			A++			A+			A+					
		η _{sc}		%			-			-			-					
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			1.708			2.052					
	COP ^(*)			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 ^(*)		kWh/a	795			1279			1464			1633					
	SCOP ^(*)			4.2			4.1			4.2			4.0					
		Energy efficiency class		A+			A+			A+			A+					
	η _{sh}		%			-			-			-						
Operating	Current (Max)			A			13.7			13.8			19.9			20.0		
Indoor Unit	Input (Cooling/Heating)			Rated	kW	0.047	0.077			0.084			0.102					
	Operating Current (Max)				A	0.65	0.82			0.88			1.00					
	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)				m³/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 ^(*)				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					
	Weight				kg	46	46			67			67					
Outdoor Unit	Air Volume			Cooling	m³/min	40	40			55			55					
				Heating	m³/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 ^(*)			Liquid/Gas	mm	6.35 / 12.7	6.35 / 12.7			9.52 / 15.88			9.52 / 15.88					
	Max.Length			Out-In	m	50	50			55			55					
	Max.Height			Out-In	m	30	30			30			30					
Guaranteed Operating Range (Outdoor)				Cooling ^(*)	°C	-15 ~ 46			-15 ~ 46			-15 ~ 46						
				Heating	°C	-11 ~ 21			-11 ~ 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 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 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 < >.