



Models / Modelos MZIS_CA/MZIS_CU

Technical Specifications / Especificaciones Técnicas

MM Multi Zone Inverter Series

Model			MZIS09CA	MZIS12CA	MZIS18CA	MZIS24CA
Power supply	V-Ph-Hz		208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60
Indoor air flow (Hi/Med/Lo) (No duct)	m ³ /h		600 / 520 / 460	574 / 490 / 422	956/825/746	1400 / 1250 / 1000
Indoor air flow (Hi/Med/Lo) (No duct)	CFM		353 / 306 / 271	338 / 288 / 248	562/485/439	820 / 740 / 590
Indoor noise level (Hi/Med/Lo) (Standard pressure)	dB(A)		41 / 39 / 37	41 / 38 / 35	46/43/41	51 / 47 / 43
Indoor unit	Dimension (WxDxH) (body)	mm	570 x 570 x 260	570 x 570 x 260	570 x 570 x 260	840 x 840 x 205
	Dimension (WxDxH) (body)	inch	22.44 x 22.44 x 10.24	22.44 x 22.44 x 10.24	22.44 x 22.44 x 10.24	33.07 x 33.07 x 8.07
	Packing (WxDxH) (body)	mm	655 x 655 x 290	655 x 655 x 290	655 x 655 x 290	900 x 900 x 217
	Packing (WxDxH) (body)	inch	25.79 x 25.79 x 11.42	25.79 x 25.79 x 11.42	25.79 x 25.79 x 11.42	35.43 x 35.43 x 8.54
	Dimension (WxDxH) (panel)	mm	647 x 647 x 50	647 x 647 x 50	647 x 647 x 50	950 x 950 x 55
	Dimension (WxDxH) (panel)	inch	25.47 x 25.47 x 1.97	25.47 x 25.47 x 1.97	25.47 x 25.47 x 1.97	37.4 x 37.4 x 2.17
	Packing (WxDxH) (panel)	mm	715 x 715 x 123	715 x 715 x 123	715 x 715 x 123	1035 x 1035 x 90
	Packing (WxDxH) (panel)	inch	28.15 x 28.15 x 4.84	28.15 x 28.15 x 4.84	28.15 x 28.15 x 4.84	40.75 x 40.75 x 3.54
	Net/Gross weight (body)	kg	16 / 19	16 / 19	18 / 21	20.5 / 24
	Net/Gross weight (body)	lbs.	35.27 / 41.88	35.27 / 41.88	39.68 / 46.3	45.19 / 52.91
Design pressure		PSIG	550 / 340	550 / 340	550 / 340	550 / 340
		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ32
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")
Controller			Remote control	Remote control	Remote control	Remote control
Room temperature	Cooling	°C / °F	17~32 / 62~90	17~32 / 62~90	17~32 / 62~90	17~32 / 62~90
	Heating	°C / °F	0~30 / 32~86	0~30 / 32~86	0~30 / 32~86	0~30 / 32~86
Operation temperature		°C / °F	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86	17~30 / 62~86

Cassette



Model			MZIS18CU	MZIS27CU	MZIS36CU	MZIS48CU
Power supply	V-Ph-Hz		208-230~1-60	208-230~1-60	208-230~1-60	208-230~1-60
Cooling	Capacity	Btu/h	18000	27000	36000	48000
	Capacity Range	Btu/h	3995~19476	8500~30400	5630~38510	8860~52000
Heating (47°F)	Capacity	Btu/h	18500	27000	36000	50000
	Capacity Range	Btu/h	2539~24249	6290~36200	4960~42660	6480~54050
MINIMUM CIRCUIT AMPACITY		A	18.0	25.0	30.0	35.0
MAX.FUSE		A	25.0	35.0	45.0	50.0
Compressor	Model		ATM150D23UFZ	ATF235D22UMT	ATF310D43UMT	ATQ360D1UMU
	Type		ROTARY	ROTARY	ROTARY	TWIN-ROTARY
	Rated current(RLA)	A	10	20.00	22.00	21.00
Outdoor air flow	m ³ /h / CFM		2362 / 1390	3619 / 2130	3619 / 2130	7646 / 4500
Outdoor noise level	dB(A)		62.4	63.4	62.3	64
Outdoor Unit	Dimension(W*D*H)	mm	845 x 363 x 702	946 x 410 x 810	946 x 410 x 810	952 x 415 x 1333
	Dimension(W*D*H)	inch	33.27 x 14.29 x 27.64	37.24 x 16.14 x 31.89	37.24 x 16.14 x 31.89	37.48 x 16.34 x 52.48
	Packing (W*D*H)	mm	965 x 395 x 755	1090 x 500 x 875	1090 x 500 x 875	1095 x 495 x 1480
	Packing (W*D*H)	inch	37.99 x 15.55 x 29.72	42.91 x 19.69 x 34.45	42.91 x 19.69 x 34.06	43.11 x 19.49 x 58.27
	Net/Gross weight	Kg	48 / 52	68 / 73	71 / 76	101.5 / 115.7
Refrigerant type (R-410A)		oz	70.5	98.8	105.8	162.3
	Refrigerant precharge (Total pipe length)		25	25	25	25
Additional charge for each		oz	0.161	0.161	0.161	0.32
Design pressure		PSIG	550 / 340	550 / 340	550 / 340	550 / 340
Refrigerant piping	Liquid side/ Gas side	mm (inch)	2 x Φ6.35/Φ9.52 (1/4"/3/8")	3 x Φ6.35/Φ9.52 (1/4"/3/8")	4 x Φ6.35/3x Φ9.52+1xΦ12.7 (4 x 1/4" / 3 x 3/8"+1 x 1/2")	5 x Φ6.35/3 x Φ9.52+2 x Φ12.7 (5 x 1/4" / 3 x 3/8"+2 x 1/2")
	Max. length for all rooms	m /	30 / 98	45 / 148	60 / 197	75 / 246
	Max. length for one indoor unit	m /	20 / 66	25 / 82	30 / 98	30 / 98
	Max. height difference between IDU and ODU	OU higher than IU	m /	10 / 33	10 / 33	10 / 33
	Max. height difference between IDU's	OU lower than IU	m /	15 / 49	15 / 49	15 / 49
Ambient temperature	Cooling	°C / °F	-25~50 / -13~122	-25~50 / -13~122	-25~50 / -13~122	-25~50 / -13~122
	Heating	°C / °F	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86	-25~30 / -13~86

Condensing Unit

