

TECHNICAL SPECIFICATIONS											
WALL MOUNTED AIR CONDITIONER_SPLIT INVERTER											
Sr No	Parameter		Unit	Value	Value	Value	Value	Value	Value	Value	Value
1	Model		--	MTZ09E23	MTZ12E23	MTZ18E23	MTZ24E23	MTZ09E21	MTZ12E21	MTZ18E21	MTZ24E21
2	Power Supply	Rated Voltage	V~	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240
3		Rated Frequency	Hz	50	50	50	50	50	50	50	50
4		Phases	--	1	1	1	1	1	1	1	1
5		Power Supply Mode	--	outdoor	outdoor	outdoor	outdoor	outdoor	outdoor	outdoor	outdoor
6	Cross-sectional Area of Power Cable Conductor		mm²	1	1	1.5	2.5	1	1	1.5	2.5
7	Recommended Power Cable(Core)		--	3	3	3	3	3	3	3	3
8	Min/Max. Voltage		V	198/264	198/264	198/264	198/264	198/264	198/264	198/264	198/264
9	Cooling Capacity		W	2500	3500	5270	6500	2500	3500	5270	6450
10	Min. Cooling Capacity		W	350	1200	900	1300	780	1300	1000	1400
11	Max. Cooling Capacity		W	2800	3800	6600	6950	2900	3900	6700	7000
12	Pdesignc		kW	2.5	3.5	5.1	6.4	2.5	3.5	5.2	6.4
13	Heating Capacity		W	2700	3600	5500	6600	2700	3600	5500	6600
14	Min. Heating Capacity		W	350	750	1000	1400	730	800	1100	1500
15	Max. Heating Capacity		W	3200	4100	6700	7800	3300	4200	6800	7900
16	Pdesignh(Average)		KW	2.1	2.3	4.1	6.2	2.5	2.5	5	6.2
17	Cooling Power Input		W	750	1175	1400	1670	750	1175	1540	1840
18	Min. Cooling Power Input		W	130	160	300	360	75	90	320	380
19	Max. Cooling Power Input		W	1390	1520	2420	2760	1430	1560	2460	2800
20	Heating Power Input		W	775	970	1600	1560	725	970	1480	1750
21	Min. Heating Power Input		W	120	120	330	380	135	140	350	400
22	Max. Heating Power Input		W	1510	1610	2260	2460	1550	1650	2300	2500
23	Cooling Current		A	3.3	5.2	6.8	7.5	3.3	5.2	7.0	8.9
24	Heating Current		A	3.2	4.3	10	8.5	3.2	4.3	6.3	8.4
25	Rated Input		W	1550	1650	2500	2520	1550	1650	2460	2800
26	Rated Current		A	6.9	7.3	10.91	12.8	6.9	7.3	10.91	12.42
27	SEER		--	6.1	6.1	6.1	6.1	6.1	6.1	6.3	6.4
28	SCOP(Average)		--	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
29	SCOP(Warmer)		--	5.1	5.1	5.1	6.4	5.1	5.1	5.1	5.1
30	SCOP(Colder)		--	3.1	3.1	3.1	3.6	3.3	3.2	3.3	3.3
31	Tbiv		°C	-7	-7	-7	-7	-7	-7	-7	-7
32	Tol		°C	-10	-10	-10	-10	-10	-10	-10	-10
33	EER		W/W	3.33	2.98	3.76	3.89	3.33	2.98	3.42	3.51
34	COP		W/W	3.48	3.71	3.44	4.23	3.72	3.71	3.72	3.77
35	Energy Class		--	A+++<Cooling>/A+<Average>/A+++<Warmer>/B<Colder>	A+++<Cooling>/A+<Average>/A+++<Warmer>/B<Colder>	A+++<Cooling>/A+<Average>/A+++<Warmer>/B<Colder>	A+++<Cooling>/A+<Average>/A+++<Warmer>/A<Colder>	A+++<Cooling>/A+<Average>/A+++<Warmer>/A+<Colder>	A+++<Cooling>/A+<Average>/A+++<Warmer>/A+<Colder>	A+++<Cooling>/A+<Average>/A+++<Warmer>/A+<Colder>	A+++<Cooling>/A+<Average>/A+++<Warmer>/A+<Colder>
36	Air Flow Volume(SH/H/L/SL)		m³/h	520/440/230/150	550/470/250/180	850/720/610/520	1200/1150/900/750	520/440/230/150	550/470/250/180	850/760/570/480	1090/930/670/560
37	Dehumidifying Volume		L/h	0.8	1.4	1.8	2.4	0.80	1.40	1.80	2.40
38	Application Area		m²	12-18	16-24	25-36	32-50	12-18	16-24	25-36	37-54
39	Indoor Unit	Indoor Unit Model	--	MTZ09E23(I)	MTZ12E23(I)	MTZ18E23(I)	MTZ24E23(I)	MTZ09E21(I)	MTZ12E21(I)	MTZ18E21(I)	MTZ24E21(I)
40		Fan Type	--	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow
41		Evaporator Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
42		Set Temperature Range	°C	16-31	16-31	16-31	16-31	16-31	16-31	16-31	16-31
43		Sound Pressure Level(SH/H/L/SL)	dB (A)	40/38/24/19	41/37/25/20	44/40/37/34	48/45/40/35	40/36/24/19	41/37/25/20	47/44/31/29	48/44/35/33
44		Sound Power Level(SH/H/L/SL)	dB (A)	54/39/36/30	55/40/37/31	58/55/42/40	61/57/48/46	54/39/36/30	55/40/37/31	58/55/42/40	61/57/48/46
45		Dimension (W×H×D)	mm	792x279x195	792x279x195	972x302x224	1081x327x248	792x279x195	792x279x195	972x302x224	1081x327x248
46		Dimension of Carton Box (W×H×D)	mm	868x349x280	868x349x280	1044x304x374	1158x352x413	868x280x349	868x280x349	1044x304x374	1155x342x410
47		Dimension of Package(W×H×D)	mm	871x352x290	871x352x290	1047x314x377	1158x352x413	871x290x352	871x290x352	1047x314x377	1158x352x413
48		Stacked Layers	--	7	7	7	7	7	7	7	7
49		Net Weight	kg	9	9	13	16	9	9	13	16
50	Gross Weight	kg	11	11	15.5	19	11	11	15.5	19	
51											
52	Outdoor Unit	Outdoor Unit Model	--	MTZ09E23(O)	MTZ12E23(O)	MTZ18E23(O)	MTZ24E23(O)	MTZ09E21(O)	MTZ12E21(O)	MTZ18E21(O)	MTZ24E21(O)
53		Compressor Trademark	GMCC	GMCC	GMCC	GMCC	GMCC	CRSS (SANYO)	CRSS (SANYO)	PANASONIC	PANASONIC
54		Compressor Type	--	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
57		Compressor Power Input	W	830	830	1200	1820	770	770	1260	1645
58		Fan Type	--	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow
59		Outdoor Unit Air Flow Volume	m³/h	1800	1800	2800	3300	1800	1800	2800	3300
60		Condenser Form	--	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
61		Cooling Operation Ambient Temperature Range	°C	18-43	18-43	18-43	18-43	18-48	18-48	18-52	18-52
62		Heating Operation Ambient Temperature Range	°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24
63		Throttling Method	--	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
64		Defrosting Method	--	Intelligent	Intelligent	Intelligent	Intelligent	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
65		Climate Type	--	T1	T1	T1	T1	T1	T1	T1	T1
66		Climate Zone	--	Temperate Zone	Temperate Zone	Temperate Zone	Temperate Zone	Temperate Zone	Temperate Zone	Temperate Zone	Temperate Zone
67		Isolation	--	I	I	I	I	I	I	I	I
68		Moisture Protection	--	IP24	IP24	IP24	IP24	IP24	IP24	IP24	IP24
69		Sound Pressure Level	dB (A)	52	53	55	59	52	53	55	59
70		Sound Power Level	dB (A)	61	62	64	68	61	62	63	68
71		Dimension (W×H×D)	mm	830x540x325	830x540x325	890x598x372	960x700x396	830x540x325	830x540x325	890x598x372	960x700x396
72	Dimension of Carton Box (W×H×D)	mm	876x585x363	876x585x363	938x647x409	1008x742x452	876x585x363	876x585x363	938x647x409	1008x742x452	
73	Dimension of Package(W×H×D)	mm	879x605x366	879x605x366	941x663x412	1011x763x455	879x605x366	879x605x366	941x663x412	1011x763x455	
74	Stacked Layers	--	5	5	4	4	5	5	4	4	
75	Net Weight	kg	27	27.5	36.5	43.5	27	27.5	40	43.5	
76	Gross Weight	kg	29.5	30	39.5	47	29.5	30	43	47	
77	Refrigerant	--	R32	R32	R32	R32	R32	R32	R32	R32	
78	Refrigerant Charge	kg	0.55	0.6	0.98	1.05	0.5	0.6	0.93	1.05	
79	Gas Additional Charge	g/m	20	20	20	20	20	20	20	50	
80	Connection Pipe	Outer Diameter of Liquid Pipe(Skyworth Allocation) (Metric)	mm	φ6	φ6	φ6	φ6	φ6	φ6	φ6	φ6
81		Outer Diameter of Liquid Pipe(British System Allocation)	inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
82		Outer Diameter of Gas Pipe(Skyworth Allocation) (Metric)	mm	φ9.52	φ9.52	φ12	φ16	φ9.52	φ9.52	φ12	φ16
83		Outer Diameter of Gas Pipe(British System Allocation)	inch	3/8"	3/8"	1/2"	5/8"	3/8"	3/8"	1/2"	5/8"
84		Max Distance Height	m	10	10	10	10	10	10	10	10
85		Max Distance Length	m	20	20	25	25	20	20	25	25