

Technical Specifications

Split Air Conditioner Indoor Unit

Sr No	Parameter	Unit	Value			
1	Model	—	MV-D09BI2	MV-D12BI2	MV-D18BI2	MV-D24BI2
3	Type	—	Duct	Duct	Duct	Duct
4	Cooling Capacity	kW	2.65	3.50	5.00	7.00
5	Cooling Capacity	Btu/h	9000	12000	17100	23900
6	Heating Capacity	kW	2.80	4.00	5.50	8.00
7	Heating Capacity	Btu/h	9600	13600	18800	23300
8	Air Flow Volume(SS/H/MH/M/ML/L/SL)	m ³ /h	560/450/340/220	600/540/420/300	800/720/610/420	1300/1200/1000/900
9	Air Flow Volume(SS/H/MH/M/ML/L/SL)	CFM	329.56/264.825/200.09/129.47	353.1/317.79/247.17/176.55	470.8/423.72/358.985/247.17	765.05/706.2/588.5/529.65
12	Max. Static Pressure	Pa	10	10	10	40
13	Max. Static Pressure	InWg	0.04	0.04	0.04	0.16
14	Sound Pressure Level (SS/H/MH/M/ML/L/SL)	dB (A)	32/28/25/22	36/34/31/27	36/31/28/25	46/42/40/36
15	Sound Pressure Level (SS/H/MH/M/ML/L/SL)	dB(A)	47/43/40/37	51/49/46/42	51/46/43/40	61/57/55/51
16	Dehumidifying Volume	L/h	0.8	1.4	1.8	2.5
17	Dehumidifying Volume	Pint/h	1.69	2.96	3.80	5.28
18	Rated Voltage	V	220-240	220-240	220-240	220-240
19	Rated Frequency	Hz	50	50	50	50
20	Phases	—	1	1	1	1
21	Cross-sectional Area of Power Cable Cor	mm ²	0.75	0.75	0.75	0.75
22	Recommended Power Cable(Core)	N	4	4	4	4
23	Fuse Current	A	5	5	5	5
28	Fan Type	—	Centrifugal	Centrifugal	Centrifugal	Centrifugal
29	Fan Quantity	—	2	2	3	2
30	Fan Diameter-height	mm	φ138.6-143	φ138.6-143	φ138.6-143	φ145-143
31	Motor Model	—	FG20H	FG20H	FG20H	FG90H
32	Motor Insulation Class	—	E	E	E	E
33	Motor Safe Class	—	IP23	IP23	IP23	IP23
34	Overload Protector	—	/	/	/	/
35	Motor Full Load Amp(FLA)	A	/	/	/	/
36	Fan Motor Drive Type	—	Direct	Direct	Direct	Direct
39	Fan Motor Power Input	W	65	75	80	200
41	Fan Motor Capacitor	μF	2	3.5	3.5	5
42	Evaporator Material	—	Inner Groove Copper Tube-Aluminum fin	Inner Groove Copper Tube-Aluminum fin	Inner Groove Copper Tube-Aluminum fin	Inner Groove Copper Tube-Aluminum fin
43	Evaporator Face Area	m ²	0.12	0.12	0.19	0.24
44	Evaporator Pipe Diameter	mm	φ5	φ5	φ7	φ7
45	Evaporator Number of Rows	—	2	3	3	2
46	Evaporator Tube Pitch(a)× Row Pitch(b)	mm	19.05×11.4	19.05×11.4	19.05×12.7	19.05×12.7
47	Evaporator Fin Type	—	hydrophilic-window	hydrophilic-window	hydrophilic-window	hydrophilic-window
49	Evaporator Length(L) × Height(H) × Width(W)	mm	547×228.6×22.8	547×228.6×34.2	847×228.6×38.1	727×333.4×38.1

50	Evaporator Max. Allowable Pressure	MPa	10.0	10.0	10.0	10.0
51	Air Filter	—	PP	PP	PP	PP
52	Air Filter Size(L×W/NO.)	mm	347×190/2	347×190/2	490×190/2	443.9×233/2
53	Gas Pipe(to indoor unit)	mm	φ9.52	φ9.52	φ12	φ16
54	Liquid pipe	mm	φ6	φ6	φ6	φ6
55	Connection method	—	Flare Connection	Flare Connection	Flare Connection	Flare Connection
56	Drain Connection (outer diameter)	mm	φ26	φ26	φ26	φ26
57	Dimension of Outline(W×D×H)	mm	710×450×200	710×450×200	1010×450×200	900×655×260
58	Dimension of Carton Box(L×W×H)	mm	1005×565×260	1005×565×260	1305×565×260	1112×769×305
59	Dimension of Package(L×W×H)	mm	1008×568×275	1008×568×275	1308×568×275	1115×772×320
60	Net Weight	kg	18.5	19.0	25.0	31.0
61	Gross Weight	kg	22.5	23.0	30.0	36.0
62	Indoor Unit Loading Quantity (20' Container)	unit	176	176	128	105
63	Indoor Unit Loading Quantity (40' Container)	unit	368	368	288	217
64	Indoor Unit Loading Quantity (40' High Cube Container)	unit	414	414	324	248