

Especificación Técnica



Match-It Unidades Interiores Piso Techo

Model		MDS-174018-CFC216A	MDS-174024-CFC216A	MDS-174036-CFC216A	MDS-174048-CFC216A	MDS-174060-CFC216A	
Electrical Data	Power supply	V-Hz-Ph	220-240-60-1	220-240-60-1	220-240-60-1	220-240-60-1	
	Power input ¹	Cooling	kW	0.04	0.065	0.14	0.19
		Heating	kW	0.04	0.065	0.14	0.20
	Input current ¹	Cooling	A	/	/	/	0.20
		Heating	A	/	/	/	/
	Max. Overcurrent Protection	A	—	—	—	—	
Min/Max Voltage	V	198/264	198/264	198/264	198/264		
Power cord spec	mm ² xpcs	1.00x3	1.00x3	1.00x3	1.00x3		
Fuse (A)	A	5	5	5	5		
Sound Pressure Level (HML) ²	dB (A)	42/38/32	48/46/40	53/51/46	55/50/46	56/52/46	
Sound Power Level (HML) ²	dB (A)	/	/	/	/	/	
Refrigerant	Type	—	R410A	R410A	R410A	R410A	
	Control	—	/	/	/	/	
Air Flow Volume(rated EXP)	CFM	588.5	706.2	1118.15	1363.55	1471.25	
		m ³ /h	1000	1200	1900	2300	2500
	Rated	Pa	0	0	0	0	0
External Static Pressure	Range	InW/g	0	0	0	0	
		Pa	0	0	0	0	0
	InW/g	0.00	0.00	0.00	0.00	0.00	
Fan Motor	Model	—	FG60A-ZL	FG150A-ZL	FG250A-ZL	FG250A-ZL	
	Drive Type	—	Direct	Direct	Direct	Direct	
	Speed	rpm	950/900/800/700	1150/1100/1020/800	1200/1150/1000/860	1300/1250/1000/900	1380/1300/1100/900
	Power Output	W	—	—	—	—	
	Full Load Amp(FLA)	A	/	/	/	/	
	Capacitor	uF	—	—	—	—	
Fan	Type	—	Centrifugal	Centrifugal	Centrifugal	Centrifugal	
	Quantity	—	4	4	4	4	
Evaporator	Diameter-Height	inch	φ5.4-4.1	φ5.4-4.1	φ5.9-7.0	φ5.9-7.00	
	Material	—	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	
	Face Area	sq.ft	3.014	3.014	3.506	4.553	
	Pipe Diameter	mm	φ7	φ7	φ7	φ7	
	Number of rows	—	2	3	3	4	
	Tube pitch(a)x row pitch(b)	mm	19.05x12.70	19.05x12.70	19.05x12.70	19.05x12.70	
	Fins per Inch(FPI)	—	18	16	16	16	
	Fan type	—	hydrophilic-window	hydrophilic-window	hydrophilic-window	hydrophilic-window	
	Number of circuits	—	4	8	8	8	
	Length(L) x Height(H) x Width(W)	mm	920x304.8x25.4	920x304.8x25.4	1100x304.8x38.1	1389x304.8x50.8	
Operation temp	Cooling	°C	≥16	≥16	≥16	≥16	
	Heating	°C	≤30	≤30	≤30	≤30	
Drainage Connection Size/Outer Diameter/Wall Thickness	mm	φ17x1.75	φ17x1.75	φ17x1.75	φ17x1.75	φ17x1.75	
System Operation Control	—	Wireless Controller/Wired Controlle	Wireless Controller/Wired Controlle	Wireless Controller/Wired Controlle	Wireless Controller/Wired Controlle	Wireless Controller/Wired Controlle	
Dimension	Outline dimension (WxDxH)	mm	1220x700x225	1220x700x225	1420x700x245	1700x700x245	
	Package dimension (LxWxH)	mm	1343x823x315	1343x823x315	1548x828x345	1828x828x345	
Weight	Net Weight	kg	39.0	40.0	48.0	59.0	
	Gross Weight	kg	48.0	50.0	56.0	68.0	
Loading quantity (within panel)	20 GPF	65	65	42	36	36	
	40 GPF	145	145	90	84	84	
	40 HQ	158	158	98	98	98	
Panel	Outline dimension (WxDxH)	mm	x x	x x	x x	x x	
	Package dimension (WxDxH)	mm	3x3x15	3x3x15	3x3x15	3x3x15	
	Net Weight	kg				0x0x0	
	Gross Weight	kg					

Note:
 1. The cooling capacity stated above is measured under following conditions :
 Indoor Condition: 27°C (81°F) DB/19°C (66.6°F) WB;
 Outdoor Condition: 35°C (95.4°F) DB/24°C (75.6°F) WB.
 2. Noise is tested in the semi-anechoic room, so it should be slightly higher in the actual Operation due to environmental change.
 3. *1 is tested under standard condition.
 *2 is tested under rated condition according to CE/Eurovent standard.
 4. * Fan different speed