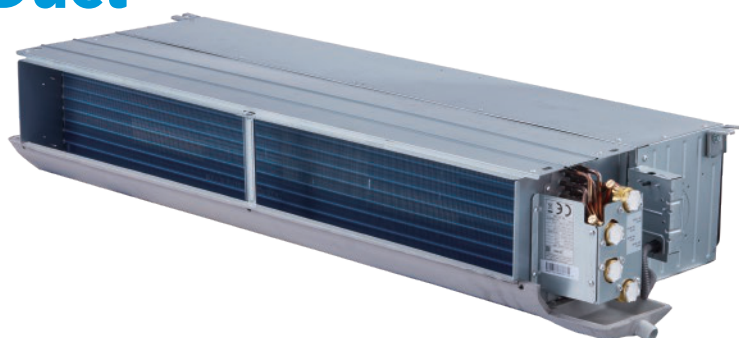




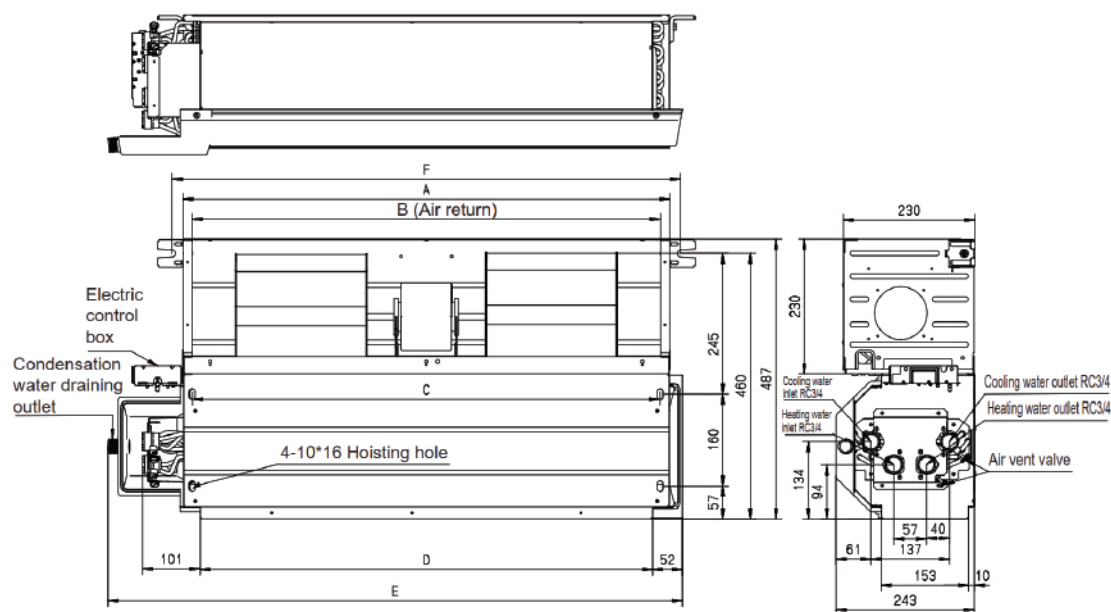
AC Fan Coil Unit

Concealed Ceiling Unit

Four-row Four-pipe Duct



DIMENSIONS



Size	Model	200	300	400 / 500	600	700	800 / 1000	1200	1400
A		475	620	755	850	1025	1215	1505	1745
B		443	588	723	818	993	1183	1473	1713
C		442	587	722	817	992	1182	1472	1712
D		415	560	695	790	965	1155	1445	1685
E		632	773	908	1003	1178	1368	1658	1898
F		513	658	793	888	1063	1253	1543	1783

FEATURES



The widest air volume in the industry, with 10 airflow segments ranging from 340 to 2380.



Reliability design for drainage pan, effectively ensures smooth drainage, reduces air leakage rate, and enhances heat exchange efficiency.

Optional	Flexible maintenance
Air outlet static pressure 30/50Pa	Air return from behind (standard), can be changed to air return from below on site
Support customized centralized control of upto 64 units	The left and right connections can be exchanged on site. (including water pipes and wiring)
Auxiliary electric heater (AEH), extended drainage pan, metal fan, NSK bearing, high efficiency filter, up and down sliding of guide rail	

SPECIFICATIONS

Model			MDVF-200D304FF	MDVF-300D304FF	MDVF-400D304FF	MDVF-500D304FF	MDVF-600D304FF
Power Supply		V/Ph /Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Air Flow		m³/h	330/226/181	510/355/217	680/396/268	850/535/286	1020/705/405
		CFM	194/132/106	300/208/127	400/232/157	500/314/168	600/414/238
Standard External Static Pressure		Pa	30	30	30	30	30
Cooling	Cooling Capacity (H/M/L)	kW	2.25/1.81/1.44	3.28/2.53/1.75	4.15/2.84/2.1	4.97/3.63/2.26	5.6/4.42/2.95
	Water Pressure Drop (H/M/L)	kPa	23.76/14.65/9.69	21.08/12.67/7.09	23.10/12.30/7.10	29.48/19.90/11.00	37.70/26.40/13.40
	Water flow rate (H/M/L)	m³/h	0.46/0.34/0.26	0.59/0.44/0.32	0.72/0.50/0.37	0.86/0.65/0.41	0.95/0.76/0.51
Heating	Heating Capacity (H/M/L)	kW	2.4/1.92/1.59	3.85/3.18/2.23	4.74/3.71/2.77	5.55/4.57/3	6.2/5.39/3.78
	Water Pressure Drop (H/M/L)	kPa	31.80/21.46/14.46	14.55/10.67/5.86	29.80/17.60/10.30	39.16/26.18/14.69	47.80/33.90/19.20
	Water flow rate (H/M/L)	m³/h	0.22/0.18/0.14	0.33/0.28/0.20	0.42/0.32/0.24	0.52/0.40/0.27	0.57/0.47/0.34
Power Input (Cooling)		W	40/33/26	57/44/37	70/30/43	93/72/58	106/79/61
Power Input (Heating)		W	41/34/27	59/45/37	72/51/43	99/75/59	110/81/62
Sound Pressure Level (H/M/L)		dB (A)	38/33/27	40.5/34.5/27.5	41.5/34.5/26	45/42/32.5	45/41/32
Fan Motor	Type	/	Low noise 3-speed fan motor				
	Quantity	/	1	1	1	1	1
Fan	Type	/	Centrifugal, forward-curved blades				
	Quantity	/	1	1	2	2	2
Coil	Row	/	4	4	4	4	4
	Max Working Pressure	Mpa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7	7
Body	Dimension (W*H*D)	mm	632×243×487	773×243×487	908×243×487	908×243×487	1003×243×487
	Packing (W*H*D)	mm	698×270×520	843×270×520	978×270×520	978×270×520	1073×270×520
	Net Weight	Kg	14	16	19	19	20.5
	Gross Weight	Kg	16	18.5	22	22	24
Water Inlet/Outlet Pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain Pipe		Inch	OD5/4	OD5/4	OD5/4	OD5/4	OD5/4

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions: water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19°C WB, with air return plenum and filter;
3. Heating conditions: water inlet 65°C, water outlet 55°C, entering air temperature 20°C DB, with air return plenum and filter;
4. Sound pressure level is tested in the semi-anechoic room with background noise is 17.5 dB (A), when the unit is without accessories and running in dry condition, at 1 m below the vertical center lie of the unit with 2 m outlet & 2 m inlet duct;
5. Air flow is tested under dry condition, 20°C DB, without air return plenum and filter;
6. Auxiliary electric heater (AEH) is optional;
7. All specifications are subject to change by the manufacturer without prior notice.

SPECIFICATIONS

Model			MDVF-700D304FF	MDVF-800D304FF	MDVF-1000D304FF	MDVF-1200D304FF	MDVF-1400D304FF
Power Supply		V/Ph /Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Air Flow		m³/h	1170/681/468	1350/1032/571	1540/1280/783	1830/1299/763	2300/1437/839
		CFM	689/400/275	795/607/335	906/752/460	1077/764/448	1353/845/493
Standard External Static Pressure		Pa	30	30	30	30	30
Cooling	Cooling Capacity (H/M/L)	kW	6.4/4.42/3.43	7.32/6.21/4.08	8.4/7.19/5.2	9.85/8.09/5.5	11.9/8.71/5.83
	Water Pressure Drop (H/M/L)	kPa	22.93/11.67/7.51	27.80/20.50/9.80	32.80/25.80/14.40	29.60/21.00/10.80	49.00/29.40/14.60
	Water flow rate (H/M/L)	m³/h	1.16/0.79/0.62	1.29/1.08/0.71	1.38/1.20/0.87	1.70/1.40/0.96	1.99/1.47/0.98
Heating	Heating Capacity (H/M/L)	kW	6.4/4.9/3.9	9.72/8.6/6.08	10.85/9.35/7.06	10.5/8.77/6.35	12.85/9.96/7.13
	Water Pressure Drop (H/M/L)	kPa	42.93/26.08/17.27	47.03/37.11/21.92	52.00/42.10/25.40	25.60/19.00/11.00	37.20/24.30/13.80
	Water flow rate (H/M/L)	m³/h	0.56/0.42/0.34	0.87/0.75/0.53	0.92/0.80/0.61	0.89/0.75/0.55	1.07/0.85/0.61
Power Input (Cooling)		W	117/89/78	139/118/92	158/131/103	187/156/131	250/198/166
Power Input (Heating)		W	123/93/81	145/124/97	168/138/106	198/163/135	268/207/169
Sound Pressure Level (H/M/L)		dB (A)	45.5/38/32	44.5/41.5/34	47.5/44.5/39.5	48/44/35.5	49.5/44.5/36
Fan Motor	Type	/	Low noise 3-speed fan motor				
	Quantity	/	1	1	1	2	2
Fan	Type	/	Centrifugal, forward-curved blades				
	Quantity	/	2	3	3	3	4
Coil	Row	/	4	4	4	4	4
	Max Working Pressure	Mpa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	7	7	7	7	7
Body	Dimension (W*H*D)	mm	1178×243×487	1368×243×487	1368×243×487	1658×243×487	1898×243×487
	Packing (W*H*D)	mm	1248×270×520	1438×270×520	1438×270×520	1728×270×520	1968×270×520
	Net Weight	Kg	22.5	27.5	27.5	35.5	39
	Gross Weight	Kg	26	32	32	40.5	45
Water Inlet/Outlet Pipe		Inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4
Drain Pipe		Inch	OD5/4	OD5/4	OD5/4	OD5/4	OD5/4

Notes:

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