

MDB - Large ducted

FAN COILS



Cooling capacity: 22,2 kW ÷ 44,0 kW
Heating capacity: 22,9 kW ÷ 49,8 kW



GENERAL CHARACTERISTICS

- High air flow and high external static pressure, enables adequate distribution of air to the desired space
- Multiple rooms can be cooled by just 1 unit
- Simple design with easy serviceability feature
- The robust unit is designed with durability and reliability

TECHNICAL DATA MDB - Large ducted

MDB		075BW	100BW	125BW	150BW
Nominal Air Flow	m ³ /h	4248	5436	7135	7815
Available External Static Pressure	Pa	100	100	149	100
Total Cooling Capacity ¹	kW	22,2	27,8	36,6	44,0
Total Sensible Capacity ¹	kW	16,5	20,3	26,4	31,2
Heating Capacity ²	kW	22,9	28,6	40,5	49,8
Water Flow Rate (cooling)	l/s	1,058	1,330	1,750	2,100
Water Pressure Drop (cooling)	kPa	35	42	49	53
Sound Pressure Level ³	dB(A)	56	57	58	59
Power Input	kW	0,810	1,781	1,550	1,620
Current Input	A	3,7	7,68	2,95	3,1
Standard Voltage	V/ph/Hz	220-240/1/50		380-415/3/50	
Water Connections	inches	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Condensate Drain Connections	inches	1"	1"	1"	1"

NOTES:

- (1) At the following nominal conditions: 7/12°C inlet/outlet water temperature; 27°C db / 19°C wb inlet air temperature; high speed
- (2) At the following nominal conditions: 50°C inlet water temperature; 20°C inlet air temperature; same water flow as for cooling; high speed
- (3) Sound pressure levels are tested at 1.4m below the unit (free return and the discharge air was ducted to adjacent room)

Weight and dimensions		075BW	100BW	125BW	150BW
Shipping weight	kg	96	100	140	145
(A) Length	mm	1502	1502	1640	1640
(B) Width	mm	761	761	980	980
(C) Height	mm	572	572	885	885

