



Ventilation Systems Oy



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MF MIXED FAN

MF

Series



(High pressure in line fan)



Parts

- | | |
|------------------|------------------|
| 1 Air Inlets | 5 Motor |
| 2 Wind Catcher 1 | 6 The center box |
| 3 Impeller | 7 Wire Sealer |
| 4 Snap Joint | 8 Wire box |

Specifications

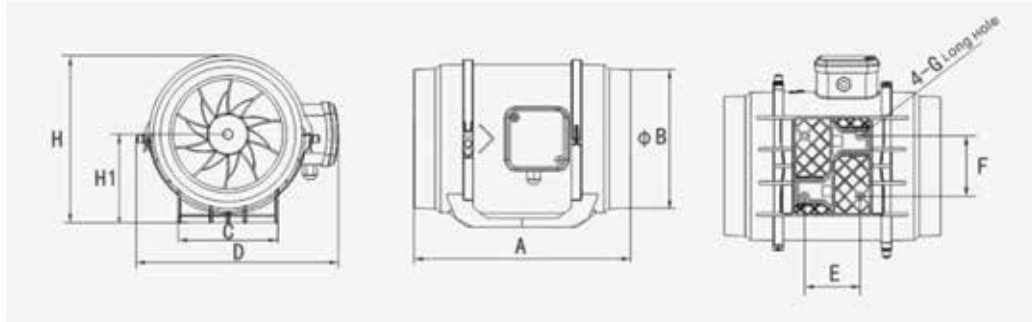
MF series Mixed Flow Duct Ventilator has the advantages of low noise, large air flow and high static pressure, this design is more suitable for most of the ventilation situations comparing with axial fan and centrifugal fan. Moreover, the motor and impeller are located at the center of the structure which means you can easily install, remove or maintain them without adjusting the pipeline even in sealed space. Also, it can be installed randomly in any sides of the pipeline, with any angle of the pipeline. Furthermore, this product can be installed with series connection if you need more pressure.

Product Features

- ① Full ABS plastic body, light weight but with enough strength, double insulation.
- ② Mixed-flow impeller design, high pressure and large air flow, high efficient, low noise.
- ③ Special snap joints design, easy installation, perfect seal conditions, easy maintenance.

Can be wisely used in ventilating meeting room, office, public space, hotel and residence.

Overall and Installation Dimension



Dimensional Table (Unit: mm)

Model	A	φB	C	D	E	F	G Long Hole	H	H1
100 MF	300	φ 100	100	214	62	60	7X5	182	95
150 MF	293	φ 150	120	237	72	70	7X5	211	110
200 MF	304	φ 200	140	258	78	85	8X6	235	124
250 MF	383	φ 250	180	298	119	92	11X8	291	152
315 MF	413	φ 315	220	364	127	140	11X8	359	189

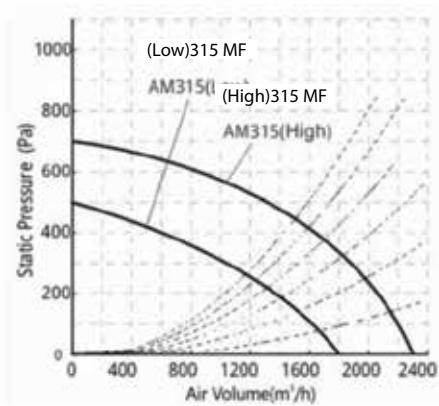
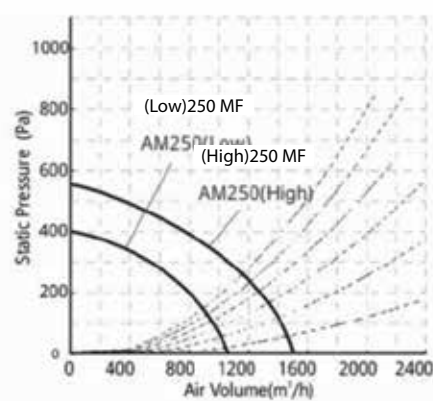
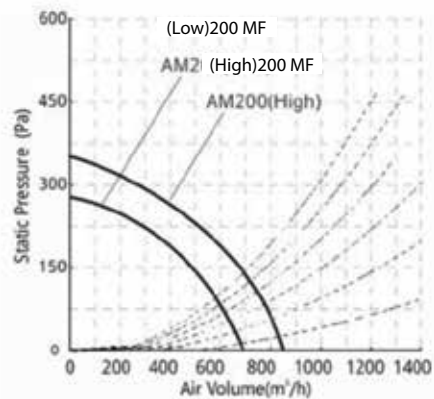
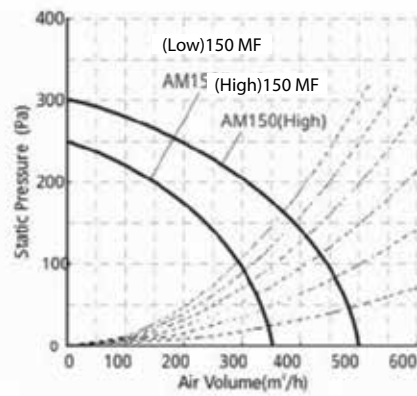
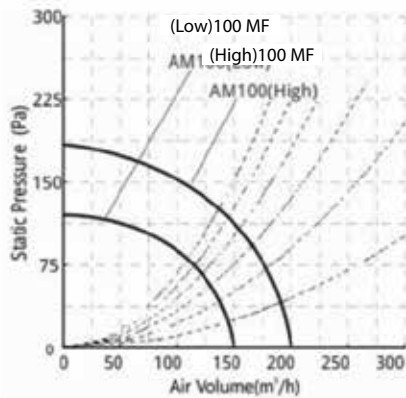
Performance Table (Voltage 220V/ Frequency 50Hz)

Model	Power (W)	Air Volume (m³/h)	Static Pressure (Pa)	Noise (dB)	Duct Size Φ (mm)	Net Weight (Kg)	Applicable Area (m²)
100 MF	40/38	200/150	180/130	30/25	100/125	1.8	8-16
150 MF	60/50	500/400	300/250	35/30	150/160	2.2	18-36
200 MF	100/85	850/700	350/280	50/50	200	3.1	34-76
250 MF	200/130	1500/1100	550/400	60/54	250	7.0	42-84
315 MF	350/280	2300/1800	700/500	66/61	315	9.7	60-120

Application



Performance Curve



Performance Curve

The curve "—————" in picture is the pipeline pressure loss reference curve of 5m/10m/15m/20m/25m/30m.

Parameters of air volume, power and noise are acquired under the static pressure of 0 Pa. Air volume and static pressure is acquired from own testing center, which may lead to $\pm 10\%$ difference.

Noise value of the sample is the average value of result acquired at 1m from the left, right and downward side of the sample. This may lead to +3dB difference.