

MFM

Modular filter unit for dust applications



MFM

MFM 1B - 2B - 3B - 4B
MFM 1N - 2N - 3N - 4N
MFM 1H - 2H - 3H - 4H

Design

Built with sturdy galvanized panels, it has been designed for easy and quick installation.

The integrated cleaning system allows you to maintain maximum performance of the entire suction and filtration system.

Equipped with COL 270 A gr/m² type polyester filter bags (standard version) or optionally, for fine sanding dust, COL 400 B gr/m² type polyester filter bags or antistatic polyester (optional) are recommended.

Compact filtering unit, with large filtering surface, allows installation in small spaces, without giving up its style and high efficiency technical characteristics.

MFM

1

product range

9

models

Principle of operation



FILTERED AIR



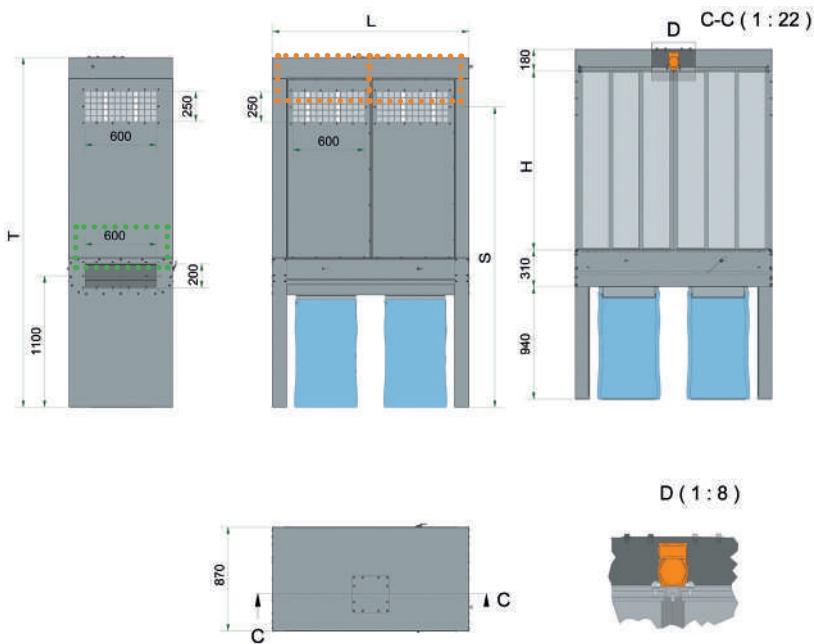
POLLUTED

- ① Cable gland
- ② Motor vibrator
- ③ COL 270 A filter bags
- ④ Transparent collection bags
- ⑤ Flow regulation damper

Technical features

Model	Maximum air flow capacity recommended for sanding	Maximum air flow capacity recommended for sawdust	Filter surface	Sleeve height Ø 220 mm	N. of sleeves	N. of collection bags	Maximum bag containment capacity	Weight	
								Kg	
MFM	m ³ /h	m ³ /h	m ²	mm		Ø 500 mm	m ²	STANDARD	PANELED
MFM P						H 1500 mm			
1B	972	1296	9	1500	9	1	0,25	112	140
2B	1944	2592	18	1500	18	2	0,49	149	207
3B	2916	3888	27	1500	27	3	0,74	186	273
4B	3996	5328	37	1500	36	4	0,98	245	356
1N	1296	1728	12	2000	9	1	0,25	124	159
2N	2678	3571	25	2000	18	2	0,49	162	236
3N	3996	5328	37	2000	27	3	0,74	200	310
4N	5367	7156	50	2000	36	4	0,98	263	404
1H	1674	2232	15,5	2500	9	1	0,25	137	178
2H	3348	4464	31	2500	18	2	0,49	175	264
3H	5022	6696	46,5	2500	27	3	0,74	214	347
4H	6696	8928	62	2500	36	4	0,98	280	452

Overall dimensions (mm)



MFM P Paneled version

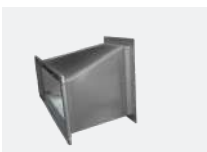
mm	H	L	T	S
1B	1500	870	2930	2520
2B	1500	1650	2930	2520
3B	1500	2430	2930	2520
4B	1500	3300	2930	2520
1N	2000	870	3430	3020
2N	2000	1650	3430	3020
3N	2000	2430	3430	3020
4N	2000	3300	3430	3020
1H	2500	870	3930	3520
2H	2500	1650	3930	3520
3H	2500	2430	3930	3520
4H	2500	3300	3930	3520

Model MFM-MFM P	Inputs (mm)	N°	Model MFM-MFM P	Outputs (mm)	N°
1	600 x 200	1	1	600 x 250	2
2	600 x 200	1	2	600 x 250	4
3	600 x 200	1	3	600 x 250	5
4	600 x 200	1	4	600 x 250	6

- MFM B = Low version, sleeve height: 1500 mm
- MFM N = Normal version, sleeve height: 2000 mm
- MFM H = High version, sleeve height: 2500 mm
- MFM P = Paneled version

Optional

MFM B | N | H | P



Connection between fan and filter

MFM B | N | H | P



PRM/PDC/PDM series high performance centrifugal fans

MFM B | N | H | P



Composit series soundproof box for fans

MFM B | N | H | P



Stand for fan

MFM B | N | H | P



Control panel for fan and cleaning system programming

MFM B | N | H | P



Ducting and accessories for complete system please consult our sales technicians at Coral

All images and values on this catalogue are indicative and can be subject to modification and improvements. CORAL reserves the right to change them without previous advice.



A global production

Coral manufactures 100 percent of the components of an industrial air intake and filtration system at our factory in Volpiano, just outside Turin. The quality of the materials used and our experience in the industry guarantee a high level of production for everything we make.

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