

MFM SERIES - MICRONIC FILTER

MFM basic filtration - Filtration
threshold : 1 µm

This micron filter ensures efficient air treatment, allowing for cleanliness levels of class 2 (particles and oil according to ISO 8573-1 standard). Thanks to its double filtration and automatic purge system, it ensures effective removal of particles and condensate, while being easy to install and maintain.



ACHIEVES LEVEL 2 CLEANLINESS CLASSES (PARTICLES AND OIL) ACCORDING TO ISO 8573 -1 STANDARD

Dual filtration (both mechanical at 1 µm and by coalescence) allows the most efficient filtration of the air. Particles larger than 1µm are captured by the filter, then in the second phase of coalescence filtration, liquid particles in suspension are agglomerated and then eliminated via the automatic purge of the filter. It guarantees a residual oil content of 0.1 mg per m³ at 20°C and atmospheric pressure.

EASY TO INSTALL AND MAINTAIN

Thanks to the adjustable wall mounting brackets and collar assembly system, this filter is easy to install on compressed air networks. A major innovation for maintenance, the zero-clearance design allows for simpler and quicker filter cartridge replacements in minimal space (dimension D) without the need of special tools.

AUTOMATIC CONDENSATE EVACUATION WITHOUT PRESSURE DROP

This filter incorporates a float drain at the bottom of the tank, which autonomously evacuates condensates without any pressure loss in the network.

Max. operating pressure

20 bar

Filtration (µm)

1.00

Min. / Max temperature

3 / 80 °C

Part number	Female thread	Flow rate at 7 bar (m³/h) (ΔP= 0.08 bar)	Compatibility	Net weight (Kg)	Dim. A (mm)	Dim. B (mm)	Dim. C (mm)	Dim. D (mm)
MFM 55	G1/2	55.00	MFMC 5532	1.2	90	289	230	19
MFM 70	G1/2	70.00	MFMC 7040	2.1	128	318	250	32
MFM 100	G1/2	100.00	MFMC 10060	2.3	128	348	279	32
MFM 150	G3/4	150.00	MFMC 15090	3.2	140	415	335	31
MFM 225	G1	225.00	MFMC 22513	3.3	140	443	365	31
MFM 300	G1 1/2	300.00	MFMC 30017	4	140	519	432	31
MFM 400	G1 1/2	400.00	MFMC 40023	4.7	140	609	522	31
MFM 500	G2	500.00	MFMC 50029	4.7	151	556	465	25
MFM 800	G2	800.00	MFMC 80047	6	151	741	650	25
MFM 1550	G2 1/2	1550.00	MFMC 15509	12.8	240	752	660	25