Compressed air microfilter (precise filter) M F007 | 1/2" | 1300 l/min | 0.1 µm | <0.1 mg/m³

450120A-M





Product details

EAN	8712418395914
Brand	Airpress
GPSR Airpress	Airpress Polska Sp. z o.o.
Weight	0.8 kg (800 g)
Gross weight	0.92 kg (920 g)
Length	88 mm (8.8 cm)
Width	88 mm (8.8 cm)
Height	189 mm (1.89 dm)
Diameter (mm)	88
SKU	450120A-M
Series	M
Housing material	Aluminium
Element material	Borosilicate micro fibres
Type condensation drain	Automatic
Replaceable cartridge	Yes
Distance sensor	No
Pressure reducer	No
Residual oil content (mg/m3)	<0.1
Air connection (")	1/2
Working pressure (bar)	0 - 16
Maximum pressure (bar)	16
Minimum ambient temperature (°C)	1.5
Maximum ambient temperature (°C)	65
Filter type	Microfilter
Micron rating (µm)	0.1
Air flow rate (L/min)	1300
Air flow rate (m3/h)	78

Description

Compressed air filter M (Microfilter) F007 | 1/2" | 1300 l/min | 0.1 µm | <0.1 mg/m³
The M compressed air filters are high-performance dust filters, designed to remove solid contaminants and oil aerosols. These coalescing filters are a key component in compressed air treatment systems, providing protection to end-use equipment. The M filters effectively reduce the oil content in the air to a level of <0.1 mg/m³ (at 20°C, 7 bar) and solid particles to a level of 0.1 µm. They are often used as the second stage of filtration, positioned after prefilters and before finer or carbon filters.
Technical specification
Filter type: microfilter, filtration efficiency for particles of size 0.1 µm and for residual oil content <0.1 mg/m³
Automatic condensate drain
Included in the set: housing, cartridge, condensate drain AOK16B
Working pressure: 0 - 16 bar

Characteristic	Value
SKU	450120A-M
Series	M
Air flow (l/min)	1300
Micron rating (µm)	0.1
Max. pressure (bar)	16
Ambient temperature range (°C)	1.5-65
Connection size	1/2
Dimension A (height, mm)	189
Dimension B (diameter, mm)	88
Weight (kg)	0.8

SKU	Series	Air flow (l/min)	Micron rating (µm)	Max. pressure (bar)	Ambient temperature range (°C)	Connection size	A - height (mm)	B - diameter (mm)	Weight (kg)
450120A-M	M	1300	0.1	16	1.5-65	1/2"	189	88	0.8

Materials
Filtering element: Borosilicate micro fibres (filtering material)
Filter housing: Aluminium (housing), PA6 (cover), NBR (seal), with corrosion protection (powder coating)
Automatic condensate drain: PA6 (housing), NBR (seal)
Note : The indicator is an optional extra and is not included in the standard set.
The following types of air treatment filters are available in the Airpress offer:

Type	Description
P	Prefilter, filtration grade 3 µm.
R	Prefilter, filtration grade 1 µm.
M	Microfilter 0.1 µm, oil residue ≤ 0.1 mg/m³.
S	Microfilter 0.01 µm, oil residue ≤ 0.01 mg/m³.
A	Activated carbon cartridge 0.01 µm, oil ≤ 0.005 mg/m³.
A2	Molecular sieve cartridge, 0.01 µm, oil < 0.005 mg/m³, class 0/1 ISO 8573-1.