Compressed air filter with activated carbon A F007 1/2" 1300 l/min 0.01 µm <0.005 mg/m³ - final

450120A-A









Product details

EAN	8712418396119
Brand	Airpress
GPSR Airpress	Airpress Polska Sp. z o.o.
Weight	0.92 kg (920 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-A
Series	A
Housing material	Aluminium
Element material	Borosilicate micro fibres (activ. carbon)
Type condensation drain	Manual
Replaceable cartridge	Yes
Distance sensor	No
Pressure reducer	No
Residual oil content (mg/m3)	<0.005
Air connection (")	1/2
Working pressure (bar)	0 - 16
Maximum pressure (bar)	16
Minimum ambient temperature (°C)	1.5
Maximum ambient temperature (°C)	45
Filter type	Activated carbon
Micron rating (µm)	0.01
Air flow rate (L/min)	1300
Air flow rate (m3/h)	78

Description

Compressed Air Filter with Activated Carbon A F007 1/2" 1300 l/min 0.01µm <0.005 mg/m³ - Final Filter
The Airpress series A compressed air filter with activated carbon has been developed for high-performance removal of oil, hydrocarbons, vapours and odours from compressed air. It is essential to install a coalescing filter element as a pre-filter before the Class A filter. The Airpress series A compressed air filter with activated carbon provides ultra-clean air, making it an ideal solution as a final filter in compressed air systems. Equipped with a molecular sieve activated carbon insert, it achieves a filtration degree of 0.01 µm, resulting in the removal of oil particles to a level of no more than <0.005 mg/m³.
Technical Specification
Filter Type: Final filter, achieves a filtration degree of 0.01 µm – removes oil particles to a level of no more than <0.005 mg/m³
Included in the set: housing, insert, compact ball valve
Working Pressure: 0 - 16 bar

Property	Value
SKU	450120A-A
Series	A
Air Flow (l/min)	1300
Filtration Accuracy (µm)	0.01
Max Pressure (bar)	16
Ambient Temperature Range (°C)	1.5 - 45
Connection	1/2
Dimensions A (height, mm)	189
Dimensions B (diameter, mm)	88
Weight (kg)	0.92

SKU	Series	Air Flow (l/min)	Filtration Accuracy (µm)	Max Pressure (bar)	Ambient Temperature Range (°C)	Connection	A - Height (mm)	B - Diameter (mm)	Weight (kg)
450120A-A	A	1300	0.01	16	1.5 - 45	1/2"	189	88	0.92

Materials
Filter Element: Borosilicate micro fibres (activ. carbon) (activated carbon) (filter material)
Filter Housing: Aluminium (housing)
Note! The indicator is an optional extra and is not included in the standard set.
The following types of filters and microfilters are available from Airpress

Type	Description
P	Pre-filters, filtration degree 3 µm.
R	Pre-filters, filtration degree 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 insert 0.01 µm, oil ≤ 0.005 mg/m³.
A2	Molecular sieve insert, 0.01 µm, oil < 0.005 mg/m³, class 0/1 ISO 8573-1.

Code	Type	Filtration Degree	Oil Residue	ISO 8573-1 Class
P	Pre-filter	3 µm	–	–
R	Pre-filter	1 µm	–	–
M	Microfilter	0.1 µm	≤ 0.1 mg/m³	–
S	Microfilter	0.01 µm	≤ 0.01 mg/m³	–
A	Activated Carbon	0.01 µm	≤ 0.005 mg/m³	–
A2	Molecular Sieve	0.01 µm	< 0.005 mg/m³	0 / 1

Our offer includes filters with various filtration classes, tailored to the specific air quality requirements in compressed air systems.

