

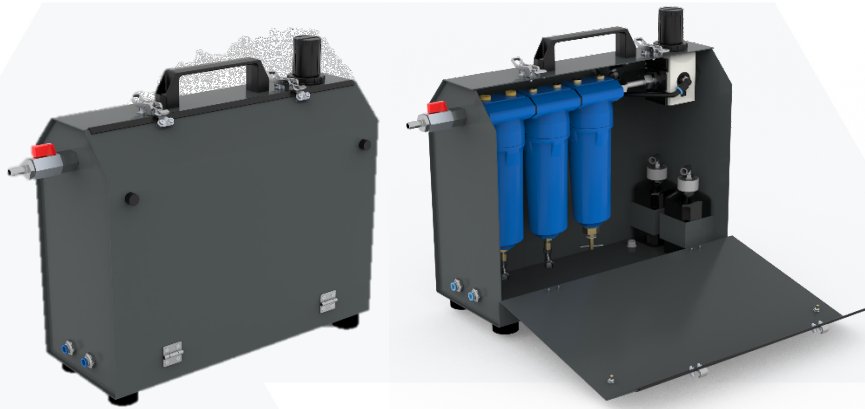
Datasheet

Compressed air filter AirPure K for breathing air treatment



With Safety.

Designation:	AirPure K compressed air filter, breathing air treatment in a transportable case.
Description:	The AirPure K compressed air filter is a portable breathing air treatment system. It is designed to produce high-quality breathing air that complies with the breathing air standards for compressed air breathing apparatus. Breathing air purification is achieved in three stages. All stages, including the extraction points, are arranged in a sturdy, transportable metal housing.
Article-Number:	202512



Application:	The filters of the AirPure K compressed air filter are designed to separate solid particles, aerosols, oil vapours and odours from non-aggressive compressed air and are used to treat compressed air from an industrial compressed air network to produce clean breathing air, arranged in a transportable breathing air case.
Components:	<p>First stage: Filter element APE23 MFO (1μ particles) with automatic condensate separator:</p> <p>second stage: APE23 SMA filter element (0.01μ particles) with automatic condensate separator</p> <p>Third stage: Filter element APE70 CAK (activated carbon cartridge for oil vapour and odours) with manual condensate drain</p> <p>Additional elements: Pressure regulator with pressure gauge 2 condensate collection containers AK2 plug-in nipple on the inlet side 2 AK2 couplings in a Y-piece outlet side Case housing including carrying handle and fastening buckles</p>

Revision 05.2025– Errors and omissions excepted. All data are non-binding guide values.

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Dimensions:	approx. 415 x 620 x 190 mm (height x width x depth)
Weight:	approx. 12 kg
Inlet pressure:	minimum 4 bar at the point of use maximum 10 bar at the point of use
Output pressure:	minimum 0,5 bar Maximum 8 bar
Flow rate:	minimum 350l/min (approx. 20m³/h) at 7bar maximum 600l/min (approx. 35m³/h) at 7bar
Operating temperature:	minimum +2°C maximum +50°C (recommended +35°C)
Function:	<p>Filter MFO and SMA With the filter elements of the MFO and SMA separation specifications, solids are separated by impact and inertia. Oil and water aerosols are separated by the coalescence effect. Due to the effect of gravity, the filtered liquid particles collect in the lower filter containers and are automatically discharged there. The flow direction is from the inside to the outside.</p> <p>Filter CAK This filter element adsorbs oil vapours and odours. These accumulate in the activated carbon. An SMA stage must be connected upstream. The cartridge contains an integrated fine dust filter element of class DMF to filter out any dust that may occur. Please be sure to observe the design data for the cartridge series.</p> <p>The standard scope of delivery of the AirPure K compressed air filter includes the MFO, SMA and CAK filters.</p>

Order details:

Article-Number	Description
202512	Compressed air filter AirPure K
202987	Maintenance set for compressed air filter consisting of: 1 filter element APE26 MFO 1 filter element APE26 SMA 1 filter element APE70 CAK 2 pieces automatic condensate drain D150 3 O-rings for filter housing APF 23-73 1 piece Maintenance instructions
202536	Filter element APE26 MFO for compressed air filter
202537	Filter element APE26 SMA for compressed air filter
202538	Filter element APE70 CAK for compressed air filter
202985	Automatic condensate drain D150 for compressed air filter housing
202986	O-ring for filter housing APF 23-73, for compressed air filter

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