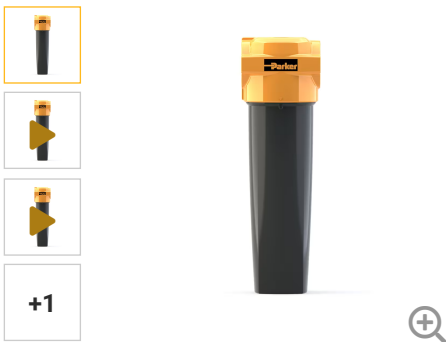


OIL-X Compressed Air Filter (For Pressures up to 16 and 20 bar g)

Part #: AAPX045HNFX



High efficiency coalescing and dry particulate filters with very low pressure drop providing excellent energy savings.

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Technical Specifications

Division:	Gas Separation and Filtration EMEA	Materials of Construction:	Die Cast Aluminium
Maximum Flow Rate:	1188 m ³ /h @ 7 barg (699 cfm @ 102 psig)	Drain:	Automatic Float
Brand:	Parker	Operating Pressure:	1.5 to 16 barg (22 to 232 psig)
Filter Type:	High Efficiency Coalescing	Operating Temperature:	2°C to 65°C (35°F to 149°F)
Micron Rating:	Down to 0.01 micron	Compatible Element:	P045AA
Technology:	Filtration	Element Change Interval:	12 Months
Connection Type:	NPT	Specifications Met:	Filtration performance independently validated - by Lloyds Register.
Product Type:	Compressed Air Filter		PED 2014/68/EU Fluid Group II.
Port Size:	2 inch	Height:	532 mm (20.94 inch)
Product Series:	OIL-X Grade AA Industrial Manufacturing Equipment Food & Beverage Automotive Electronics Pharmaceuticals Medical & Dental	Width:	164 mm (6.46 inch)
Application:		Depth:	157 mm (6.18 inch)
Filter Efficiency Rating:	99.9999%	Weight:	7.18 Kg (15.82 lbs)
Residual Oil Content:	0.01 mg/m ³ / 0.01 ppm(w) @ 21°C (70°F)		
Pressure Differential:	Initial Saturated, 100% Flow: 108 mbar (1.6 psi)		

Item Information

The Parker OIL-X range of die-cast compressed air filters has been designed from the outset to meet the air quality requirements of all editions of ISO8573-1, when validated in accordance with the stringent requirements of ISO12500-1.

An efficient and cost effective manufacturing process is a major factor in maintaining the profitability and growth of your business. Designed using donnick hunter filtration technology, OIL-X filters are designed to not only minimise the use of compressed air and electrical energy in their operation, but also to significantly reduce the operational costs of the compressor by minimising pressure losses.

OIL-X filters incorporate a number of unique and patented design features to minimise differential pressure and provide a filter and element combination where the differential pressure starts low and stays low to maximise energy savings and provide the lowest lifetime costs without compromising air quality.

Features

- For the removal of bulk liquid, water and oil aerosols, atmospheric dirt and solid particles, rust, oil vapour, pipescale and micro-organisms
- Coalescing filter performance tested to the stringent requirements of ISO12500-1, ISO8573-2 and ISO8573-4
- Dry particulate filter performance tested in accordance with the requirements of ISO8573-4

Benefits

- Highest air quality
- Lowest operational differential pressure
- Lowest energy consumption
- Lowest CO2 emissions
- Lowest total cost of ownership

Sizing and Selection

To ensure quoted air purity specification is met, more than one filtration grade may be required.

Important Note: For quoted air purity performance, compressed air filters must be sized correctly for minimum operating pressure and maximum inlet flow rate using the correction factors found in the Product Information Sheet.

For more information or a detailed discussion about your specific requirements please contact Parker or an authorised Parker distributor.

CAD Drawings + Files



Related Documents



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