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

Part # AOPX010BNFX

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

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Technical Specifications

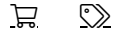|			
Maximum Flow Rate:	36 m³/h @ 7 barg (21 cfm @ 102 psig)	Materials of Construction:	Die Cast Aluminium
Division:	Gas Separation and Filtration EMEA	Drain:	Automatic Float
Brand:	Parker	Operating Pressure:	1.5 to 16 barg (22 to 232 psig)
Filter Type:	General Purpose Coalescing	Operating Temperature:	2°C to 65°C (35°F to 149°F)
Technology:	Filtration		
Micron Rating:	Down to 1 micron	Compatible Element:	P010AO
Connection Type:	NPT		
Product Type:	Compressed Air Filter	Element Change Interval:	12 Months
Port Size:	⅜ inch		
Product Series:	OIL-X Grade AO		Fully tested - In accordance with ISO12500-1 / ISO8573-2 for oil aerosol and ISO8573-4 for particulate.
Application:	Industrial Manufacturing Equipment Food & Beverage Automotive Electronics Pharmaceuticals Medical & Dental	Specifications Met:	Filtration performance independently validated - by Lloyds Register. PED 2014/68/EU Fluid Group II.
Filter Efficiency Rating:	99.925%	Height:	180 mm (7.09 inch)
Residual Oil Content:	0.5 mg/m³ / 0.5 ppm(w) @ 21°C (70°F)	Width:	76 mm (2.99 inch)
Pressure Differential:	Initial Saturated, 100% Flow: 124 mbar (1.8 psi)	Depth:	65 mm (2.56 inch)
		Weight:	0.81 Kg (1.78 lbs)

⚠ Safety Warning

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 domnick 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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