

altair® PRO Cartridge Filter



High Performance Filtration

For mechanical drive and generator applications in the Oil & Gas sector, unexpected outages and routine maintenance cycles are an expensive prospect.

Filter efficiency classification is an important factor, but not the only one. The **altair** PRO Cartridge Filter is designed to protect against wet and dry fine and corrosive contaminants, and maintains low pressure loss in high humidity throughout the life of the filter.

A multi-year fleet wide study provided data based evidence that the **altair** PRO will reduce compressor fouling, increase power output and lower heat rate – all in all delivering a '*Predictable, Reliable Operation*' to gas turbine operators.

Key Benefits

- Extended operation reduces maintenance costs
- Reliable, proven performance
- Predictable lower pressure loss
- Superior hydrophobic protection in wet environments
- Mist and fog resistant
- Reduced fouling
- Reduced cold and hot end corrosion

Performance Data

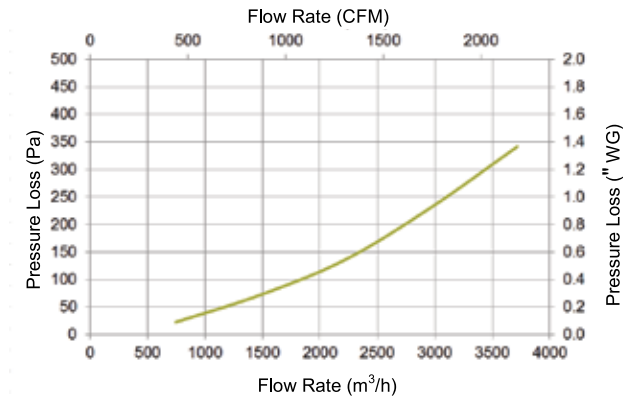
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|-----------------------------|---|
| ASHRAE 52.2: 2012 Rating | MERV 14 |
| EN779: 2002 Rating | F9 |
| Rated Airflow | 2975 m³/h, (1750 CFM) |
| Dust-holding capacity | 7.5kg (16.5 lbs) ISO A2 Fine dust at 4" WG 1.8kg (4lbs) ASHRAE dust at 4" WG |
| Operating Temperature Range | -60°C to 50°C (-76°F to 122°F) |

Filter Facts

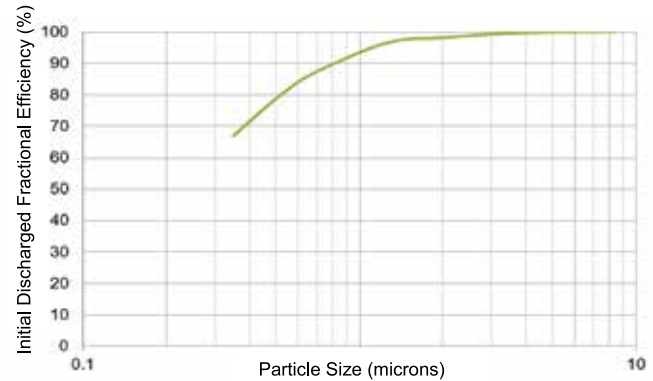
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|--------------|--|
| Construction | Stainless Steel 316L, stainless steel 304L or G90 galvanized steel |
| Gasket | Closed cell gasket design and positive sealing arrangement eliminates unfiltered air bypass |
| Dimensions | Cylinder: 12.75" x 26" / 324mm x 660mm Conical: 12.75" x 17.50" x 26" / 324mm x 445mm x 660mm |
| Clean Weight | Conical: 7kg (15 lbs) Cylinder: 6kg (13 lbs) |
| Media | PRO 3-layer synthetic glass fiber non woven media |

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Pressure Loss



Initial Fractional Efficiency



Key Features

PRO 3-layer synthetic/glass fiber nonwoven media

Integrated Pleat Spacing



Urethane pleat potting compound



Closed cell gasket; consistent seal, avoids leaks



G90 galvanized caps and inner cage OEM requirements