

altair® BP NanoPleat™ Cartridge Filter



Key Benefits

- Excellent particulate removal efficiency reduces compressor fouling and lengthens intervals between water washes
- Low initial and operational pressure drop helps increase turbine output and/or enhance fuel efficiency
- Optimized when operating in wet or dry conditions, and at high or low levels of humidity and dust loading
- Positive sealing arrangement eliminates unfiltered air by-pass in the system

High Performance Filtration

The Parker Hannifin **altair** filter business offers extremely high levels of turbine protection in a wide range of environments with its selection of inlet filters. Our nearly 50 years of expertise in gas turbine inlet filtration design has influenced the development of this water resistant filter. Its high dust-holding capacity helps prolong filter life and significantly lowers operating costs.

Exceptional Results

The **altair** BP NanoPleat cartridge filter is an alternative to the **altair** PRO cartridge filter. Designed to fit a range of new and retrofit systems in cross-flow, up-flow, and split up-flow configurations and available in various sizes and materials in both cylindrical and conical styles. The element has been tested to, and complies with, a wide range of industry specifications for gas turbine inlet filtration.

Performance Data

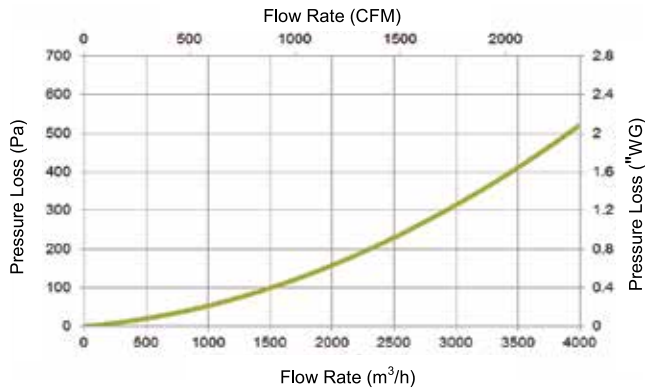
EN779: 2002 Rating	F9
ASHRAE 52.2: 2012 Rating	MERV 13
Rated Airflow	2975 m ³ /h (1750 CFM)
Dust-holding capacity	1300 g (2.87 lb) ASHRAE at 1000Pa (4" WG)
Operating Temperature Range	-40°C to 50°C (-40°F to 122°F)

Filter Facts

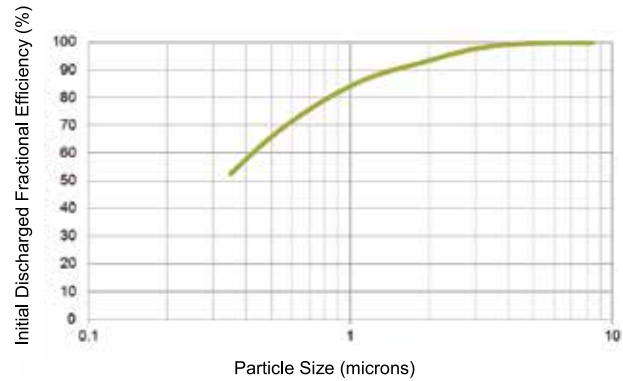
Construction	G60 Galvanized steel
Gasket	Gasket design and positive sealing arrangement eliminates unfiltered air bypass
Dimensions	Cylinder: 324mm x 660mm (12.75" x 26") Conical: 324mm x 445mm x 660mm (12.75" x 17.50" x 26") Also available for Pre-2001 Braden Geometry AAF Pulstar Geometry and 22" upflow geometry
Clean Weight	Conical: 7 kg (15 lbs) Cylinder: 6kg (13 lbs)
Media	Premium proprietary moisture resistant cellulose/ Polyester Blend with Advanced NanoPleat™ Nanofiber Technology

altair® BP NanoPleat™ Cartridge Filter

Pressure Loss



Initial Fractional Efficiency



Key Features



BP Nanopleat nanofiber technology



Positive sealing arrangement eliminates air bypass

Urethane pleat potting compound

