

INTRODUCTION

The Airguard PFAH-AG prefilter is designed for gas turbine air intake systems. PFA-AG provides an exceptional level of protection for turbines located in offshore and coastal environments. The filter is optimised to operate at high velocities in wet and dry conditions, protecting High-Efficiency Filters.

CONSTRUCTION

The four & Three individual pockets are manufactured from non-shedding thermally bonded polyester. The pockets are retained in a robust stainless steel holding frame

OTHER MANUFACTURERS EQUIVALENTS

Suitable for Altair System2, Altair Neptune, Altair Vega, Parker Hannifin/
Altair Part No's: PFAH/006058F
PFAH/001516F, PFAH/001516F



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FEATURES AND BENEFITS

- Low Pressure Drop to Help Optimise Turbine Output
- Reduce Salt Ingress to Minimise Turbine Corrosion
- Withstands High Velocities
- Improved Fuel Efficiency
- High Efficiency Against Salt Aerosol
- High Dust Loading Capacity
- Wide Range of Operating Temperatures (to 80 degrees Celsius)
- Cleanable to Restore Original Efficiency and Pressure Loss
- Unaffected by Humidity
- Easily Recyclable
- Interchangeable With Manufacturers Makes
- This pre-filter can be used with a high-efficiency pocket filter in heavily contaminated environments.

TECHNICAL SPECIFICATION

- 100% Silicone Free Synthetic Media
- Non-Shedding Bonded Polyester
- UL Class 1 and Self-Extinguishing According to DIN 53438 – F1
- Dust Holding Capacity for 1m/s 625 GMS
- 93% Efficient up to 5 Micron
- Stainless Steel Frame Available 22mm
- Standard and Non-Standard Sizes Available
- Adjoining Clips Fitted if Required
- Factory Fitted Seals Available

TYPICAL APPLICATIONS

- Gas Turbine Ventilation System
- Industrial Applications
- Platform HVAC Filtration
- Marine Propulsion

Efficiency

Initial Arrestance	87%
Average Arrestance	93%

Pressure Loss

Face Velocity m/s	5
Pressure Loss Pa	152

Dust Holding Capacity

gm/^2	625
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NOTE: The Standard Filter Size is 597 x 597 x 400 mm deep | 4 Pocket | 22 mm Header

