

INTRODUCTION

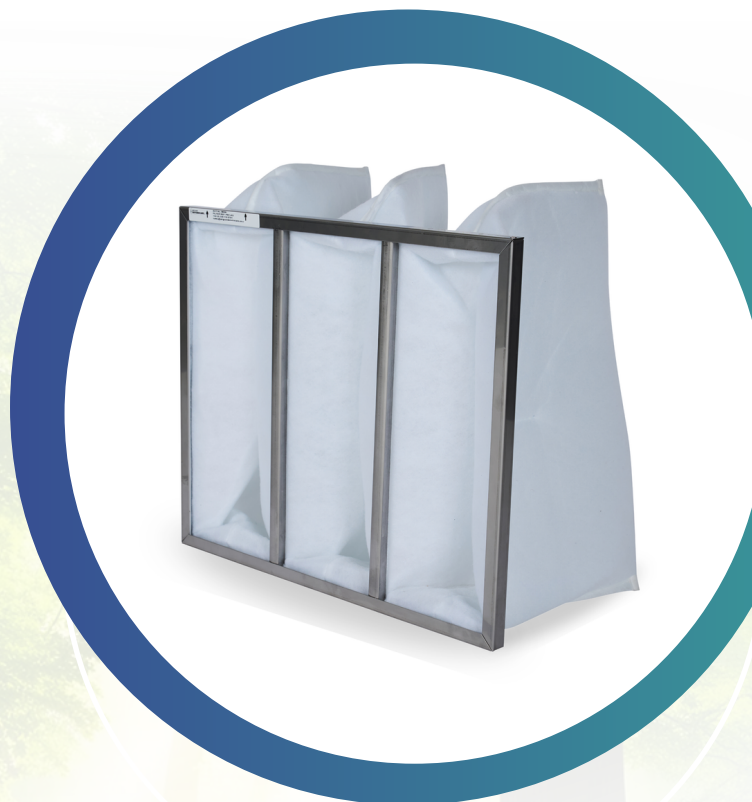
The Airguard PB1-AG prefilter is designed for gas turbine air intake systems. It provides an exceptional level of protection for turbines located in offshore and coastal environments. The filter is optimised to operate at high velocities in both wet and dry conditions, protecting High-Efficiency Filters.

CONSTRUCTION

The Three & Four 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: PB1/000213F, PB1/000203F, PB1/000131F, PB1/000213F, PB1/000213F, PB1/000460F, PB1/000212F, PB1/001424F, PB1/000228F, 80KB587, PB1/000198F, PB1/000093F, PB1/003812F



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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 | 3 Pocket | 22 mm Header

