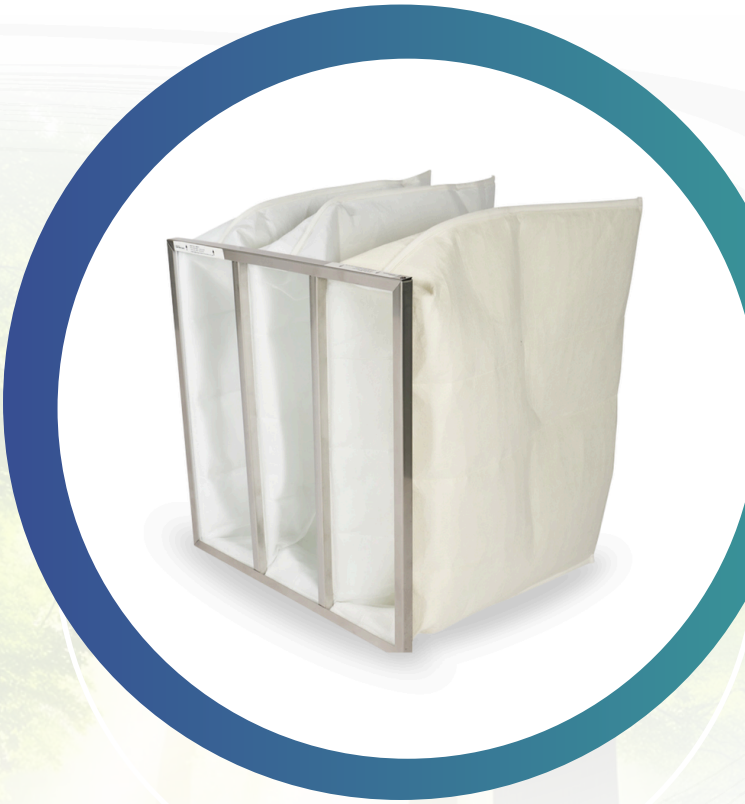
AIRGUARD ENVIROCARE Ltd
caring for your environment

HV2-AG HIGH EFFICIENCY POCKET FILTER

INTRODUCTION

The Airguard HV2-AG was initially designed for gas turbine air intake systems. HV2-AG provides an exceptional level of protection for turbines located in offshore and coastal environments. The filter is optimized to operate at high velocities in wet or dry conditions.



CONSTRUCTION

The individual filter pockets are of a three-stage construction. The first stage is a filter net to protect the second stage, a high-loft filter pre-filter mat. The second stage provides the high dust loading capacity of the filter.The third stage is a needlefelt nonwoven which provides final efficiencies

OTHER MANUFACTURERS EQUIVALENTS

Suitable for Altair System2, Altair Neptune, Altair Vega. Parker Hannifin/Altair Part No's: HV2/00072F,HV2/000240F,HV2000241F, HV2/000246F, HV2/000253F,HV2/000266F,HV2/00125F

Enquire Now

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
- Wide Range of Operating Temperatures (to 80 degrees Celsius)
- Cleanable to Restore Original Efficiency and Pressure Loss
- Unaffected by Humidity
- Easily Recyclable
- Staged Construction for High Dust Loading and Efficiency
- Interchangeable With Manufacturers Makes

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 650 GMS
- 95% 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

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Registered In England & Wales No: 13521433 | VAT No: 385994817

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Performance Details

Micron	10	5	4	3	2
@ 3 m/s	99.99	99.98	99.89	99.40	96.30
@ 6 m/s	99.99	99.86	99.52	98.30	93.00
@ 8 m/s	99.99	99.73	99.40	98.20	94.70

Pressure Loss

Face Velocity m/s	2	3	6	9
Pressure Loss Pa	30	64	230	480

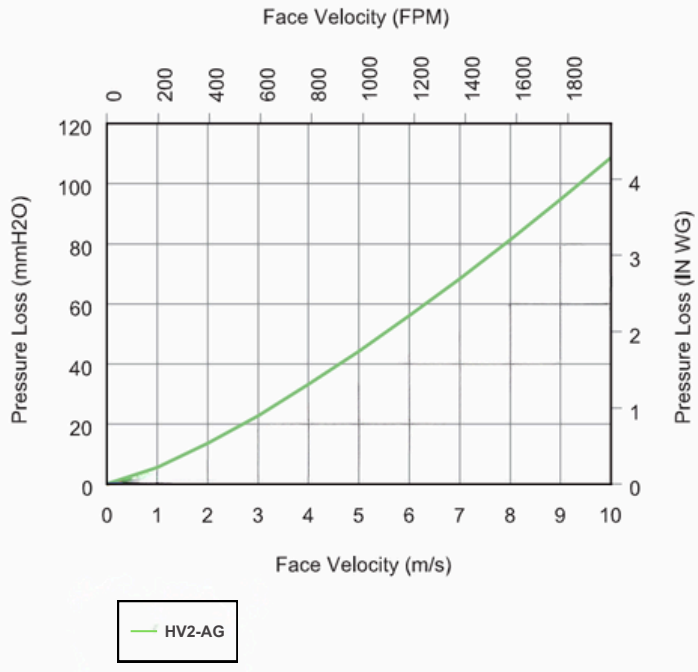
Dust Holding Capacity

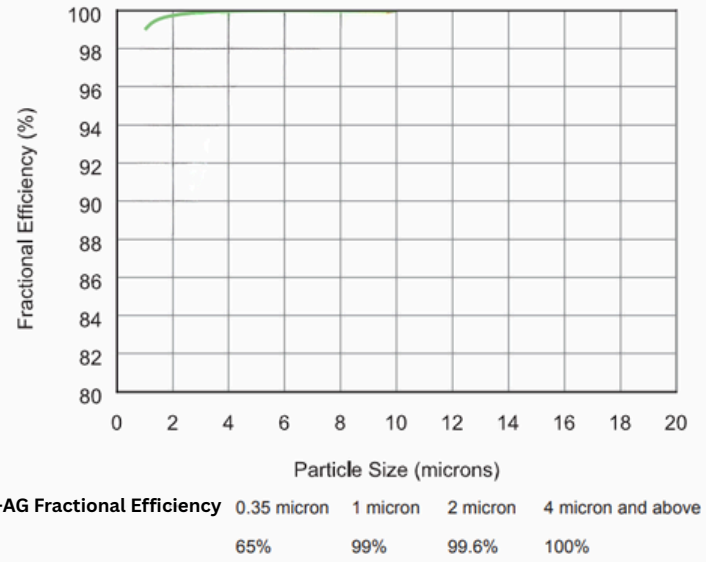
6 m/s	6500 grams

Capacity

Velocity m/s	Capacity m^3/h
1.5	1950
9.0	11,500

NOTE: The Standard Filter Size is 597 x 597 x 610 mm deep | 3 Pocket | 22 mm Header





HV2-AG Fractional Efficiency	0.35 micron	1 micron	2 micron	4 micron and above
	65%	99%	99.6%	100%

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