

HV3-AG HIGH EFFICIENCY POCKET FILTER

INTRODUCTION

The Airguard HV3-AG was initially designed for gas turbine air intake systems. HV3-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 or dry conditions.

CONSTRUCTION

The three & four pockets are manufactured from nonwoven needlefelt polyester filter media, which gives it the high efficiency characteristics.

OTHER MANUFACTURERS EQUIVALENTS

Suitable for Altair System2, Altair Neptune, Altair Vega.
Parker Hannifin Part No's: HV3/000827F, HV3/000362F, HV3/000363F, HV3/000374F, HV3/000375F, HV3/000378F, HV3/000379F, HV3/000380F, HV3/000381F, HV3/000383F, HV3/000813F, HV3/000823F, HV3/000827F, HV3/000837F, HV3/002594F.



[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
- 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

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

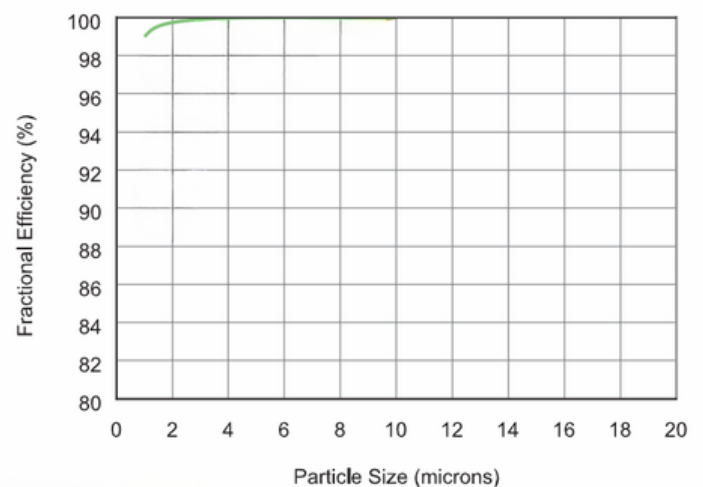
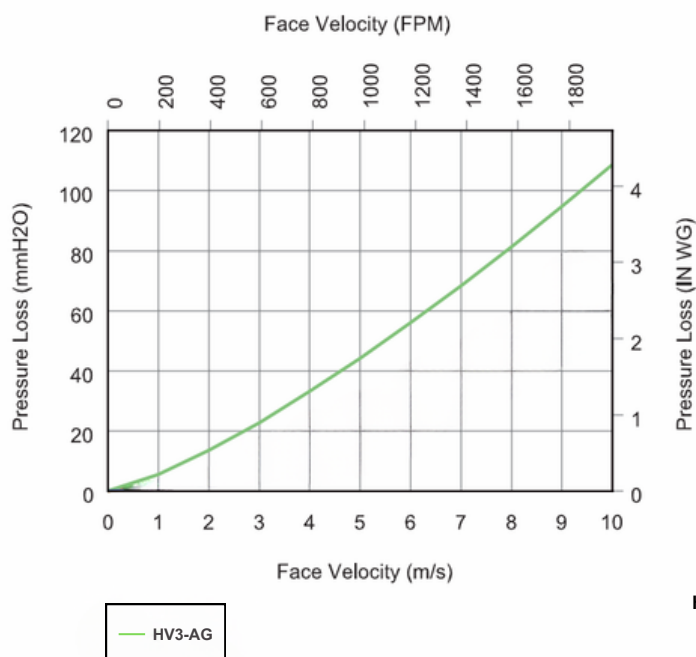
Dust Holding Capacity

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



HV3-AG Fractional Efficiency	0.35 micron	1 micron	2 micron	4 micron and above
	65%	99%	99.6%	100%