

V99XS-GT2-AG COALESCER PANEL

INTRODUCTION

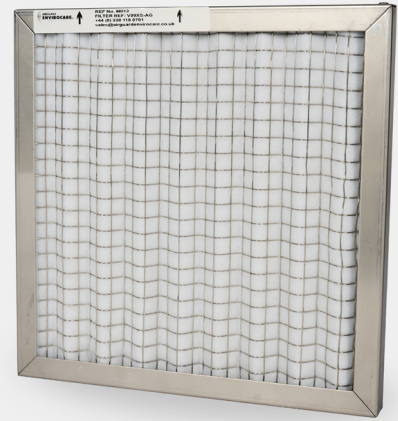
This filter was originally designed for gas turbine air intakes. As well as removing the dust, they also have coalescing properties for the removal of water droplets. These filters are now used in many industrial applications.

CONSTRUCTIONS

The filter consists of a high-efficiency polyester mat between two layers of stainless steel wire mesh, which is then pleated to give a corrugated effect. This increases the effective filter area and adds rigidity. The core is then retained in a robust stainless steel frame.

OTHER MANUFACTURERS EQUIVALENTS

Parker Hannifin/Altair Intake Systems. Altair System 2, Altair Neptune, Altair Vega, Altair Aquila GT2 range of Coalescer Panels. Airfil GT2, Veotec CP2 Coalescer Panels, Wozair CP2 Coalescer Panels. Sterling Thermal K8581, K0840, K26035, K26462, 332-013, 332-016 Coalescer Panels.



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FEATURES AND BENEFITS

- Low Pressure Drop at High Velocity
- Reduces Salt Ingress, typically 0.01 PPM
- Increased Engine Output/Power
- Improved Fuel Efficiency
- High Efficiency Against Salt Aerosol
- SRS Technology to Reduce Turbine Blade Corrosion (If used with)
- Cleanable to Restore Original Efficiency and Pressure Loss
- Easily Recyclable

TECHNICAL SPECIFICATION

- 100% Silicone Free Synthetic Media
- Class G4, EU4 EN779: 2002 /ASHRAE 52.2
- UL Class 1 and Self-Extinguishing According to DIN 53438 – F1
- Initial Arrestance: 87%
- Average Arrestance: 93%
- 99% Efficient up to 5 Micron
- Stainless Steel Metal Support Mesh
- V pleats to Increase Surface Area
- Stainless Steel Frame Available 22mm or 50mm Depths
- Standard and Non-Standard Sizes Available
- Can be supplied with adjoining clips and Seals

MAINTENANCE

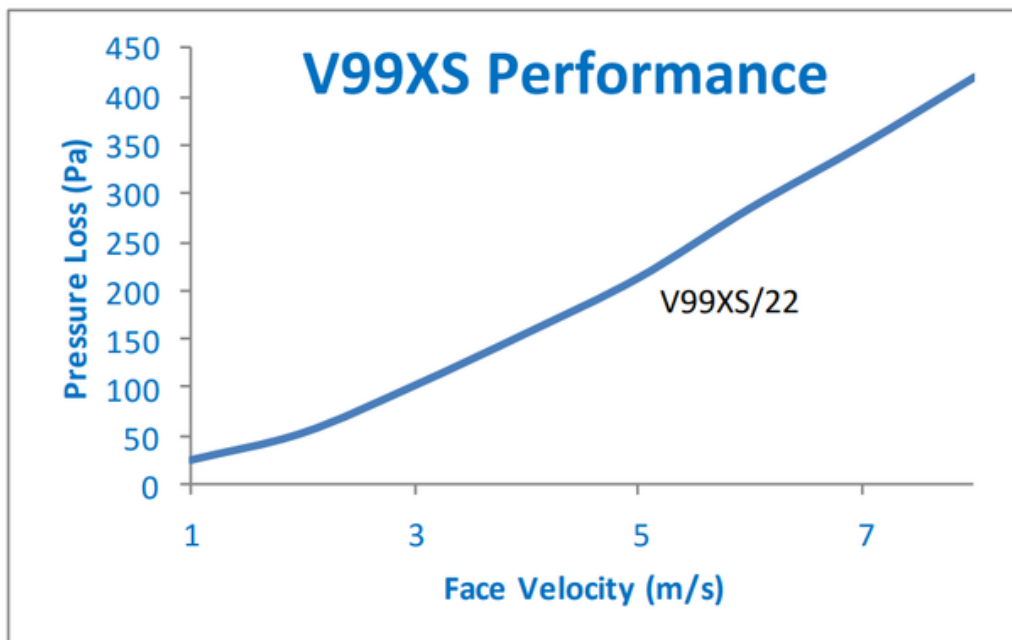
The Airguard V99XS-GT2-AG is easily cleaned using low-pressure cold water. If necessary, greasy contaminants can be removed by washing with non-ionic cleaning detergent and rinsing with fresh water. When cleaned correctly, the filter should be restored to its original efficiency and pressure loss.

TYPICAL APPLICATIONS

- Gas Turbine Ventilation System
- Diesel or Gas Engine Air Intake
- Platform HVAC Filtration
- Offshore Wind Turbine Ventilation

Performance Details

Filter	V99XS/22	
Standard Sizes	Airflow (m ³ /hr)	Pressure Loss (Pa)
597 x 597	2500	58
597 x 597	3200	82
597 x 597	5000	155
498 x 498	1750	60
498 x 498	2300	128
498 x 498	3600	167



EN779 F7 Classification