

TS1000-AG Coalescer Panel Filter

INTRODUCTION

The Airguard TS1000-AG Coalescer Panel Filter is engineered for gas turbine air intake systems, delivering superior coalescing efficiency in challenging coastal and desert environments.

CONSTRUCTION

Constructed from 100% synthetic high-performance woven mesh, the TS1000-AG is optimised for both wet and dry operating conditions, ensuring low pressure drop and extended service life.

The core is then retained in a robust stainless-steel frame. All stainless construction is available. Filters can be supplied with adjoining clips and seals.

OTHER MANUFACTURER EQUIVALENTS

Parker Hannifin/Altair: Part no: TS1000/005991F, TS1000/006033F, TS1000/006238F



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FEATURES AND BENEFITS

- Excellent fine mist/fog coalescing efficiency
- Low maintenance
- Low pressure drop
- Long operating life
- Contributes to reduced final filter pressure loss and reduced operating costs
- Fits a range of new and retrofit configurations
- Filters can be supplied with adjoining clips and seals
- Standard & Non-Standard sizes are available in 304L/316L stainless steel frames.

TECHNICAL SPECIFICATION

- 100% Synthetic Woven Mesh Media
- Hydrophobic Design to Resist Moisture Penetration
- Maintains Coalescing and Pressure Performance in Wet Conditions
- Suitable for Coastal and Desert Locations
- Washable Without Filter Removal
- Compatible with Low-Pressure Cold Water and Air Cleaning
- Cleaning Restores Efficiency and Low Pressure Drop

MAINTENANCE

The Airguard TS1000-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.

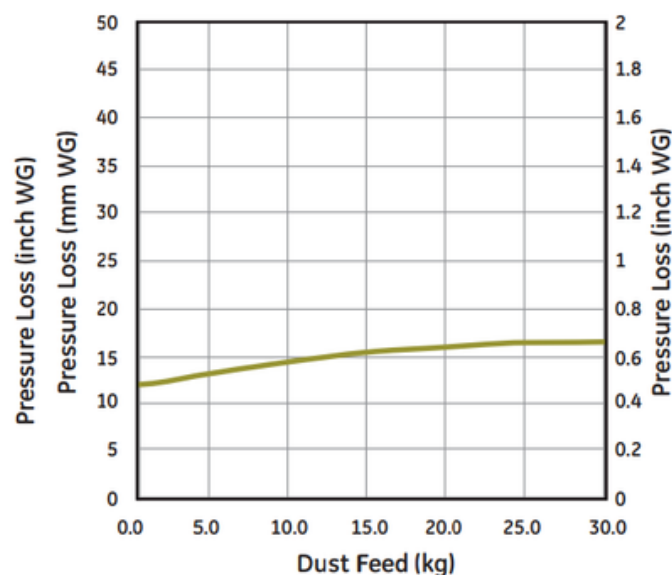
TYPICAL APPLICATIONS

- Gas Turbine Air Intake Systems
- Coastal and Marine Environments
- Desert Installations
- Industrial Ventilation and HVAC Systems

Performance Details

	Pressure Drop at Rated Flow	
	Pa	Inch w.g.
For Donaldson weather hoods	140	0.56
For Braden weather hoods	75	0.30

Dust Retention at 450 ft/min Face Velocity



Water Droplet Coalescing Efficiency at 450 ft/min

