

INTRODUCTION

The Airguard Envirocare range of FDSB8-AG panel pre-filters is engineered to enhance the durability and efficiency of gas turbine air intake systems, particularly in high-dust, offshore, and coastal environments. Serving as the first line of defense, these filters effectively protect and extend the service life of high-efficiency filters downstream.

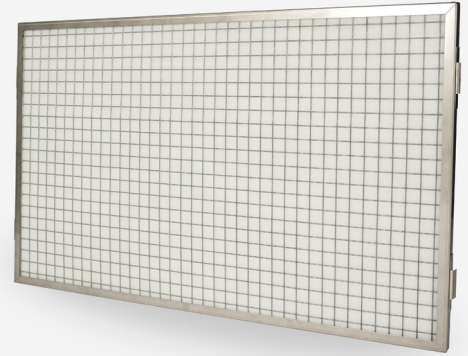
CONSTRUCTION

The FDSB8-AG series is specifically developed for seamless integration with a wide range of Airguard Envirocare pocket and panel filters, ensuring optimal system performance and reliability in challenging conditions.

OTHER MANUFACTURER EQUIVALENTS

Suitable for Altair System2, Altair Neptune, Altair Vega, Parker Hannifin/Altair Part No's DSB8/002373F

DSB8/001633F,	DSB8/005861F,	DSB8/005863F
DSB8/005865F,	DSB8/005861F,	DSB8/005867F
DSB8/005855F,	DSB8/005857F,	DSB8/005859F
DSB8/005869F,	DSB8/005871F,	DSB8/005873F
DSB8/005875F,	DSB8/005877F,	DSB8/001634F
DSB8/004742F,	DSB8/004743F,	DSB8/005720F
DSB8/005855F,	DSB8/005857F,	DSB8/005859F
DSB8/005871F,	DSB8/005720F,	DSB8/001065F



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FEATURES AND BENEFITS

- Substantially increases the life of high-efficiency final filters operating in dusty environments
- Fully cleanable and can be changed out on load, avoiding the need for turbine shutdown
- High volume flow, leading to a smaller filter face area (up to 65% smaller than many conventional designs)
- High dust-holding capacity and long filter life help to reduce filtration costs
- Low pressure loss helps contribute to increased power output and/or improved fuel efficiency
- Standard & Non-Standard sizes are available with 304L/316L stainless steel frames
- Filters can be supplied with adjoining clips and seals

TECHNICAL SPECIFICATION

- Compatible with Multiple High-Efficiency Filter Models
- Bag-in-Bag Design for Seamless Integration
- Panel Filter (FDSB8-AG) Can Be Used Standalone or as a Pre-Filter
- Pre-Filters Fit on Same Holding Frames as Final Filters
- Adds Minimal Depth (FDSB8-AG = 22 mm / 0.9")
- Can Be Installed as a Retrofit for Additional Protection

TYPICAL APPLICATIONS

- Gas Turbine Air Intake Systems
- Coastal and Offshore Installations
- Industrial Ventilation and HVAC Systems
- Supplemental Protection During High-Dust Seasons

Performance Details

	FDSB8-AG
EN779:2002 rating	G2
ASHRAE dust-holding capacity (700 Pa)	115 g / 0.25 lb

