



# Mini-Pleat Air Filters

The Donaldson mini-pleat replacement filter is designed to fit most gas turbine air filtration systems that currently use mini-pleat style panel filters. If your system currently uses mini-pleat filter from AAF, Airguard, Braden, Camfil Farr, EMW, Fruedenberg, Koch, Pneumafil, United or Viledon, it could benefit by the use of the Donaldson mini-pleat filter.

## High Performance Glass Fiber Media

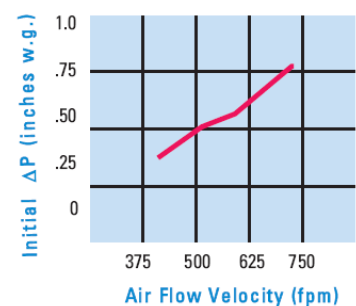
- Provides high dust-loading capacity and high filtration efficiency.
- Sturdy and able to withstand higher pressure drop.
- Low initial  $\Delta P$  (.58" @ 2500 cfm or 137 Pa @ 4250 m<sup>3</sup>/hr).
- Operates well even in high-moisture conditions.

## Robust Construction

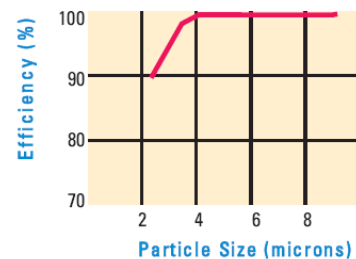
The difference with this filter is its robust construction, specifically designed for turbomachinery applications.

- The edges of the filter media are completely sealed into the frame with urethane potting compound, eliminating leakage or bypass. Laboratory tests reached 10" w.g. with leaks.
- The filter unit includes no metal parts and the filter can be incinerated after use.
- The high-impact polystyrene frame is resistant to chemicals and corrosion.
- The filter units is manufactured without fasteners to eliminate the possibility of FOD from the filters.

Initial  $\Delta P$  vs Airflow Velocity



Efficiency by Particle Size



## Dimensions

### Nominal Size:

Inches: 24 x 24 x 12

Mm: 610 x 610 x 305

### Actual Size:

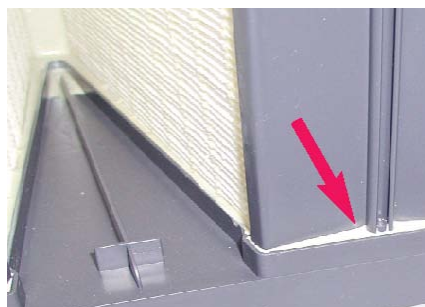
Inches: 23.38 x 23.38 x 11.5

Mm: 594 x 594 x 292

### Rated Airflow Capacity:

2500 cfm

4250 m<sup>3</sup>/hr



Urethane potting compound holds the filter media securely in the frame to ensure leak-free