



Donaldson®

Filtration Solutions
for Gas Turbines,
Generators, and Compressors

High-Efficiency Mini-Pleat Offers Robust Construction

Rated at MERV 15 / F7 / ASHRAE 90-95%, PLUS Special No-Leak Construction

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 filters 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.



Gasket is on the downstream side of the filter flange.

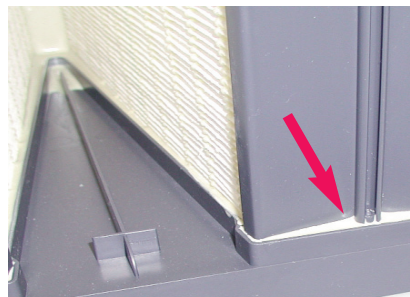
High Performance Glass Fiber Filter Media

- Provides high dust-loading capacity and high filtration efficiency.
- Sturdy and able to withstand higher pressure drops.
- Low initial ΔP (.58" @ 2500 cfm or 137 Pa @ 4250 m³/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. without 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 unit is manufactured without fasteners to eliminate the possibility of FOD from the filters.

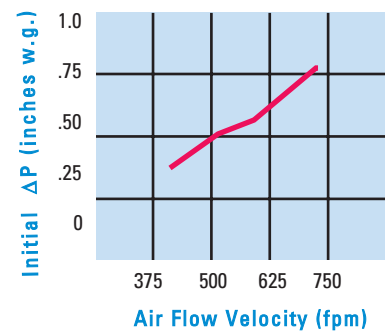


Urethane potting compound holds the filter media securely in the frame to ensure leak-free operation. (Most competitor models don't have potting around all the sides.)

Donaldson Mini-Pleat Air Filter Part No. P03-0323

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 m³/hr

Initial ΔP vs Airflow Velocity



Efficiency by Particle Size

