Donaldson
FILTRATION SOLUTIONS

PowerCore Panel Filters

PowerCore™
A DONALDSON FILTRATION TECHNOLOGY

PowerCore ® technology is a unique filter media packaging technique for creating high efficiency, lightweight, disposable air filters. When combined with our exclusive patented Spider-Web® nanofiber media treatment, the result is significantly increased filter performance! PowerCore ® yields longer filter service life and maintains lower ΔP over the life of the filter, resulting in improved turbine output. PowerCore ® is clearly the 'higher value' filter for air inlet systems!

Low ΔP in the long term is what is important for best value!

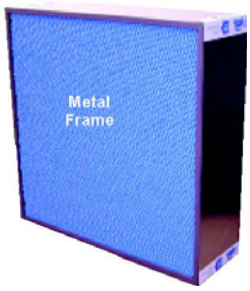
PowerCore ® yields a significant performance gain over conventional panel filters!

- Lower service resistance
- Longer filter life
- Higher dust-holding capacity
- Higher value

Donaldson applies PowerCore ® technology in filters for diesel & gasoline engines and in chemi-adsorptive filters for semi-conductor processing, as well as in various configurations.

Donaldson PowerCore® panels yield longer filter service life and maintain lower ΔP than mini-pleat style filters, yielding improved turbine output.

Many PowerCore panel filters include our exclusive and patented Spider-Web® media treatment, resulting in significantly increased filter performance for your existing turbine inlet air panel filtration system.



Typically used in:

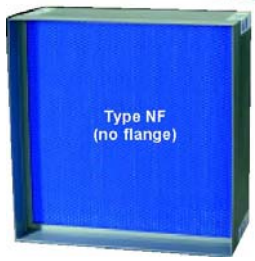
- Existing panel filter inlet air systems
- Systems that use 24" x 24"

Features

- Increased dust holding capacity yields longer filter service interval
- Polymer construction -- no rust!
- The fluted media means no pleat bunching
- Pre-filter available (NF style includes retention frame for prefilter)
- Polymer frames are for use in temperatures less than 150°F/66°C

Dimensions

- Type F: 23.38"/594 mm WxH*
  21.75"/552 mm at rear
- Type NF: 23.38"/594 mm WxH*
- Metal frame: 23.38"/594 mm WxH
- Half-panel: 24" x 12"/610 x 305mm



* Gasket is mounted on the upstream side of the filter.

Type	Media	Commets
F	Spider-Web	Polymer frame
F	Synthetic	Polymer frame
NF	Spider-Web	Polymer frame
NF	Spider-Web	Polymer frame
NF	Synthetic	Polymer frame
NF	Synthetic	Half panel, polymer frame
NF	Spider-Web	Metal frame

North - & South America
Phone: +01 800 431 0555
Mail: filterinfo@donaldson.com

Europe, Middle East, Africa & Israel
Phone: +32 16 38 39 40
Mail: GTS-europe@donaldson.com

Asia Pacific
Phone: +65 6546 4400
Mail: GTS-asiapacific@donaldson.com