

# Donaldson PowerCore® 24x24 Panel Filters

Donaldson PowerCore® panels yield longer filter service life and maintain lower  $\Delta P$  than mini-pleat style filters -- yielding improved turbine output.

PowerCore panel filters are the culmination of our revolutionary filter packaging technique combined with our exclusive Spider-Web® media treatment -- resulting in significantly increased filter performance for your existing turbine inlet air panel filtration system. PowerCore is clearly the 'higher value' filter for air inlet systems protecting gas turbines!

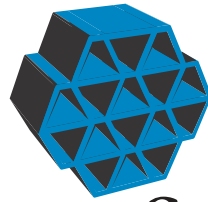


The fluted/layered design yields a rugged structure for Donaldson PowerCore

## High Performance

Available with polymer or metal frames, PowerCore Panels offer many performance advantages:

- Higher dust holding capacity.
- Higher filtration efficiency.
- More filter media per unit volume
- Low service  $\Delta P$ .
- Models with polymer frames can be easily disposed via incineration.



**PowerCore™**  
A DONALDSON FILTRATION TECHNOLOGY

## Features

- Increased dust holding capacity yields longer filter service interval.
- Polymer construction -- no rust!
- Less weight -- easier to install and service.
- Media is fluted so there's no pleat bunching.
- Uses existing mounting hardware.
- Pre-filter available (NF style includes retention frame for prefilter.)
- Polymer frames are for use in temperatures less than 150°F/66°C.

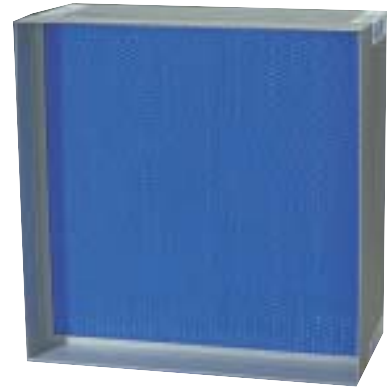
Learn more about how PowerCore provides superior performance on page 16.

## Dimensions

Type F	23.38"/ 594mm W&H*
	21.75"/ 552mm at rear
Type NF	23.38"/ 594mm W&H*
Metal Frame	23.38"/ 594mm W&H
Half-Panel	24"x 12"/ 610x305mm
* Dimension includes gasket	

## Typically Used In

- Existing panel filter inlet air systems
- Systems that use 24" x 24" (610 x 610 mm) nominal size filters

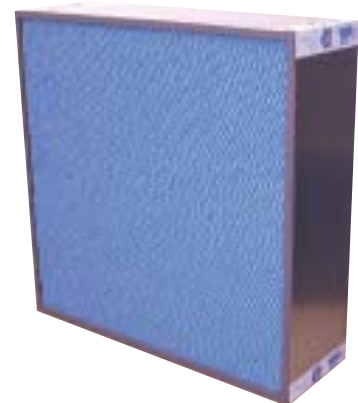


Type NF (non-flanged)



Type F (flanged)

Metal Frame



## PowerCore Order Numbers

Part No.	Type	Media	Comments
P19-1334	F	PowerCore/Spider-Web	Polymer frame
P19-1705	F	PowerCore/Synthetic	Polymer frame
P19-1358	NF	PowerCore/Spider-Web	Polymer frame
P19-1751	NF	PowerCore/Spider-Web	Polymer frame, gasket UP*
P19-1708	NF	PowerCore/Synthetic	Polymer frame
P19-1774	NF	PowerCore/Synthetic	Half panel, polymer frame
P19-8576	NF	PowerCore/Synthetic	Metal frame
P19-1955	NF	PowerCore/Spider-Web	Metal Frame, gasket UP*
P19-1968	NF	PowerCore/Spider-Web	Metal frame
P19-1249	Pre-Filter	poly	details on page 21
67009	for NF	element retention clip	for Farr filter systems. Pg 47

\* Gasket is mounted on the upstream side of the filter.  
(All other models have gaskets on the downstream side.)