
Airefil P-Cell Filters



- **Low profile – only 95 mm thick**
- **Light weight – 594×594×95—2.5 kg**
- **High performance – lower resistance**
- **Range of efficiencies – F6 to F8**
- **System savings!**

Performance Data

Description

Airefil P-Cell filters are 95 mm thick rigid mini-pleat filters. They are thinner, lighter and offer higher performance than other types of rigid filters. They are packed full of media for long service life. They are available in 60-65 % (F6), 80-85% (F7) and 90-95% (F8) efficiencies.

Construction

Airefil P-Cell filters are made from water-repellant synthetic fibre media offering maximum dust holding capacity. The media is pleated and held in position with adhesive beads to minimise resistance. The standard frame consists of a double wall of cardboard. Aluminium frames are also available.

Applications

Rigid filters are preferred for variable air volume (VAV) Systems. **Airefil** P-Cell filters may be economical choices in new systems because the system size can be reduced. They are ideal for 'tight' applications and for terminal mounting. They can be used as final filters or prefilters for downstream HEPA filters.

Mounting

Airefil P-Cell filters should be installed with the pleats vertical wherever possible.

Options include:

Airefil Filter Frames for front access.

PAPWORTH ENGINEERING Side Access Filter Housings.

AirCare Terminal Modules for terminal mountings in rooms.

EFFICIENCY: 60-65% (F6)

Part Number	Actual Size (mm) W x H x D		Rated Air Flow Capacity (L/s)	Initial Resistance (Pa)
FI2610	594	594		
FI2611	289	594	470	
FI2612	390	492	520	
FI2613	492	492	660	

EFFICIENCY: 80-85% (F7)

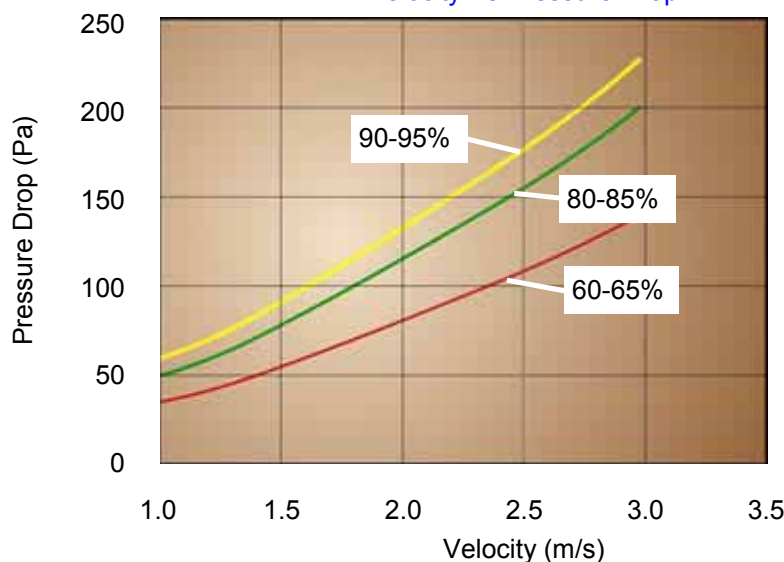
Part Number	Actual Size (mm) W x H x D		Rated Air Flow Capacity (L/s)	Initial Resistance (Pa)
FI2710	594	594		
FI2711	289	594	470	
FI2712	390	492	520	
FI2713	492	492	660	

EFFICIENCY: 90-95% (F8)

Part Number	Actual Size (mm) W x H x D		Rated Air Flow Capacity (L/s)	Initial Resistance (Pa)
FI2810	594	594		
FI2811	289	594	470	
FI2812	390	492	520	
FI2813	492	492	660	

Note: Maximum recommended final resistance is 375 Pa

Velocity Vs Pressure Drop



Related Products:

AirCare Terminal Modules

Airefil Holding Frames

PAPWORTH ENGINEERING Filter Housings

Data Sheets:

E54102

E54134

E54146

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