

# Filtro Pleat

## Disposable Pleated Filters



### Our Models

#### Filtro Pleat SC

- Filters with 10 pleats per linear foot
- Available in 1"/25mm, 2"/45mm and 4"/95mm depths

#### Filtro Pleat HC

- Filters with 15 pleats per linear foot
- Available in 1"/25mm, 2"/45mm and 4"/95mm depths

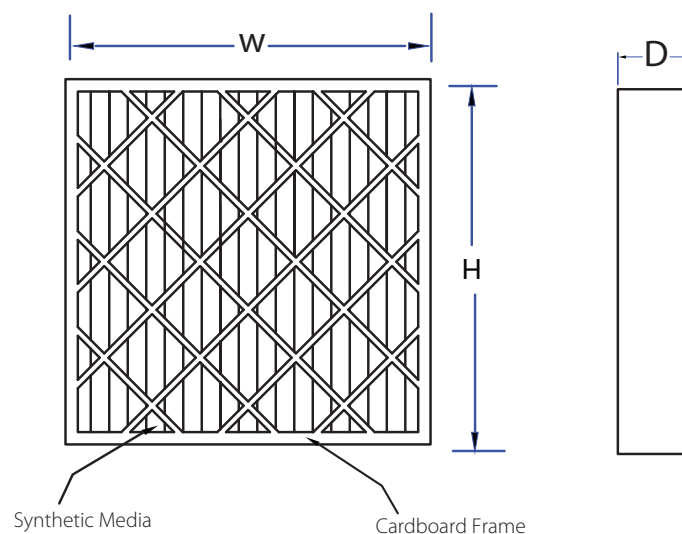
### Key Features

- Simple and light weight
  - Integrated supporting grid on both sides
  - Easy installation
  - Solid cardboard frame
  - High dust holding capacity
  - Corrosion resistant expanded metal mesh support on air leaving side of the media
- ▼ **Filter Standard** ASHRAE 52.2 / EN 779 / ISO 16890
  - ▼ **Frame Type** Cardboard
  - ▼ **Media** Synthetic fiber
  - ▼ **Max. Operating Temperature** 75°C / 167°F
  - ▼ **Final Pressure Drop** 250 Pa / 1" WG
  - ▼ **Standard Depth** 25-45-95mm / 1"-2"-4"
  - ▼ **Efficiency** G4 / MERV 8 / ISO Coarse  $\geq 65\%$

**Filtro Pleat** filters are designed as pre filters in air conditioning and air intake applications. The filters are made up of cotton and synthetic fibers are encased in wet strength cardboards. Filters are classified with MERV8/G4 efficiency rating. Filtro Pleat SC filters with standard capacity are made with a pleat distribution of 10 pleats per linear foot. Filtro Pleat HC filters with high capacity are made with a pleat distribution of 15 pleats per linear foot. Filters are available in 1"/25mm, 2"/45mm and 4"/95mm depths. **Tailor made sizes are offered in addition to standard sizes.**

### Construction

**Filtro Pleat** filters are manufactured from high quality polycotton or synthetic media. The filter media is firmly bonded to a corrosion resistant expanded metal mesh on the air leaving side. The media is pleated to desired pack heights and then encased in a heavy duty wet strength cardboards. Media packs are fixed to the multi layered frame to make a leak free filter.



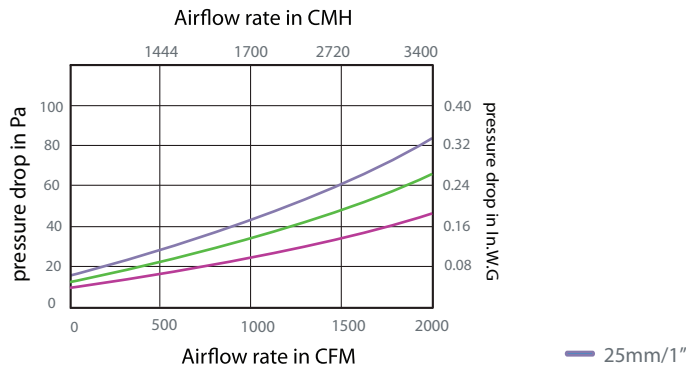


# Performance Data

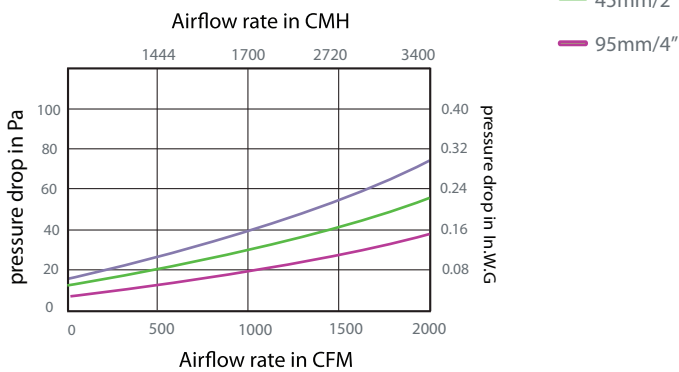
Filter Model	Nominal Size (Inches)	Actual Size (Inches)	Actual Size (mm)	Air Flow (CFM/CMH)	Pleats per linear foot	Efficiency	Initial Resistance Pa / " WG
<b>Filtro Pleat SC</b>							
F PSC4-24-1	12 x 24 x 1	11.29 x 23.4 x 0.98	287 x 592 x 25	1000/1700	10	MERV8 / G4	82 / 0.32
F PSC4-04-1	20 x 24 x 1	19.3 x 23.4 x 0.98	492 x 592 x 25	1600/2720	10	MERV8 / G4	82 / 0.32
F PSC4-44-1	24 x 24 x 1	23.4 x 23.4 x 0.98	592 x 592 x 25	2000/3400	10	MERV8 / G4	82 / 0.32
F PSC4-24-2	12 x 24 x 2	11.29 x 23.4 x 1.8	287 x 592 x 45	1000/1700	10	MERV8 / G4	62 / 0.24
F PSC4-04-2	20 x 24 x 2	19.3 x 23.4 x 1.8	492 x 592 x 45	1600/2720	10	MERV8 / G4	62 / 0.24
F PSC4-44-2	24 x 24 x 2	23.4 x 23.4 x 1.8	592 x 592 x 45	2000/3400	10	MERV8 / G4	62 / 0.24
F PSC4-24-4	12 x 24 x 4	11.29 x 23.4 x 3.8	287 x 592 x 95	1000/1700	10	MERV8 / G4	48 / 0.19
F PSC4-04-4	20 x 24 x 4	19.3 x 23.4 x 3.8	492 x 592 x 95	1600/2720	10	MERV8 / G4	48 / 0.19
F PSC4-44-4	24 x 24 x 4	23.4 x 23.4 x 3.8	592 x 592 x 95	2000/3400	10	MERV8 / G4	48 / 0.19
<b>Filtro Pleat HC</b>							
F PHC4-24-1	12 x 24 x 1	11.29 x 23.4 x 0.98	287 x 592 x 25	1000/1700	15	MERV8 / G4	74 / 0.29
F PHC4-04-1	20 x 24 x 1	19.3 x 23.4 x 0.98	492 x 592 x 25	1600/2720	15	MERV8 / G4	74 / 0.29
F PHC4-44-1	24 x 24 x 1	23.4 x 23.4 x 0.98	592 x 592 x 25	2000/3400	15	MERV8 / G4	74 / 0.29
F PHC4-24-2	12 x 24 x 2	11.29 x 23.4 x 1.8	287 x 592 x 45	1000/1700	15	MERV8 / G4	56 / 0.22
F PHC4-04-2	20 x 24 x 2	19.3 x 23.4 x 1.8	492 x 592 x 45	1600/2720	15	MERV8 / G4	56 / 0.22
F PHC4-44-2	24 x 24 x 2	23.4 x 23.4 x 1.8	592 x 592 x 45	2000/3400	15	MERV8 / G4	56 / 0.22
F PHC4-24-4	12 x 24 x 4	11.29 x 23.4 x 3.8	287 x 592 x 95	1000/1700	15	MERV8 / G4	40 / 0.16
F PHC4-04-4	20 x 24 x 4	19.3 x 23.4 x 3.8	492 x 592 x 95	1600/2720	15	MERV8 / G4	40 / 0.16
F PHC4-44-4	24 x 24 x 4	23.4 x 23.4 x 3.8	592 x 592 x 95	2000/3400	15	MERV8 / G4	40 / 0.16

## Airflow vs Initial Resistance

### SC

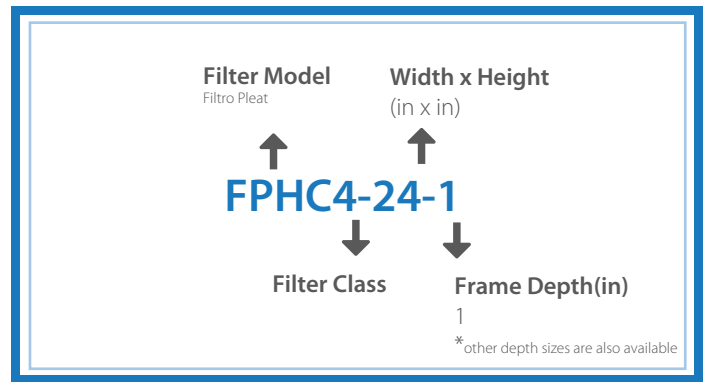


### HC



## Model Details Breakdown

\*Filter size 287 x 592 x 25



Frame	Cardboard
Media	Synthetic
Separator	Cardboard (4" only)
Max. operating temp.	75°C/167°F
Colour	White
Final Pressure drop	250 Pa / 1" WG
Nominal Air flow	3400 CMH / 2000 CFM
Efficiency standard	ASHRAE 52.2 / EN 799 / ISO 16890

## Our Group Companies and Global Network



All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.

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