

Filtro Carb P

Activated Carbon Pleated Filter



Key Features

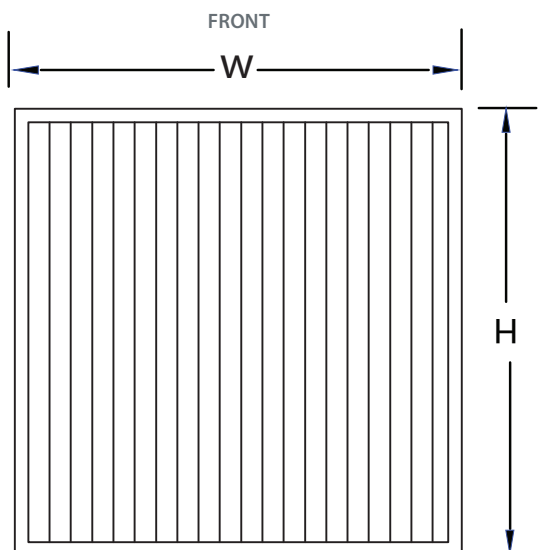
- High odor absorption
- Extended surface area
- Impregnated carbon media
- High dust holding capacity
- Long service life
- Low resistance
- Low weight

- ▼ **Filter Standard** EN 779 / ASHRAE 52.2 / ISO 16890
- ▼ **Frame** Metal / Plastic / Cardboard
- ▼ **Media** Impregnated carbon media
- ▼ **Standard depth** 1" - 2" - 4" / 25 - 24 - 95 mm
- ▼ **Efficiency** G4 / MERV 8
- ▼ **Max. operating temperature** 75°C / 167 F
- ▼ **Final pressure drop** 1" WG / 250 Pa

Filtro Carb P filters are disposable type pleated panel which offers extended surface filtration combined with odor control, designed to suit a wide variety of HVAC applications including Hospitals, Pharmaceuticals companies, Food processing units, Restaurants, Airports, Commercial Building etc. Filtro Carb P filters are available in MERV8 / G4 / EU4 efficiency. These filter come in 25mm, 45mm and 95mm depths. These filters are recommended as direct replacement to existing pleated air filters

Construction

The filter media is composed of 100% polyester, impregnated with activated carbon to ensure effective odor adsorption and fine particulate filtration. In the **Filtro Carb P** model, the media is firmly bonded to a corrosion-resistant expanded metal mesh on the air-leaving side, providing durability and consistent performance. For the **Filtro Carb PF** model, the media is supported using PVC-coated wire mesh, kept straight on both sides for flat panel construction. The pleated media pack is securely encased in a heavy-duty metal frame using industrial-grade adhesive, ensuring a 100% leak-free seal. Optional frame materials include metal or plastic to suit various application requirements. The filter's robust and dual-function design offers both efficient gas-phase filtration and particulate capture, making it ideal for demanding HVAC environments.



Our Models

Filtro Carb P

- Filter with 10 pleats per linear foot
- Available in 2" - 4" / 45mm - 95mm depth

Filtro Carb PF

- Filter with flat construction
- Available in 1" / 25 mm depth

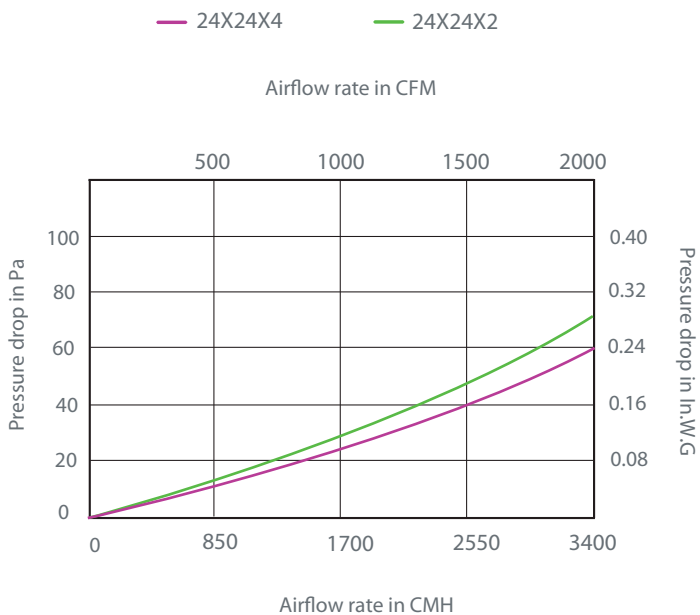


Performance Data

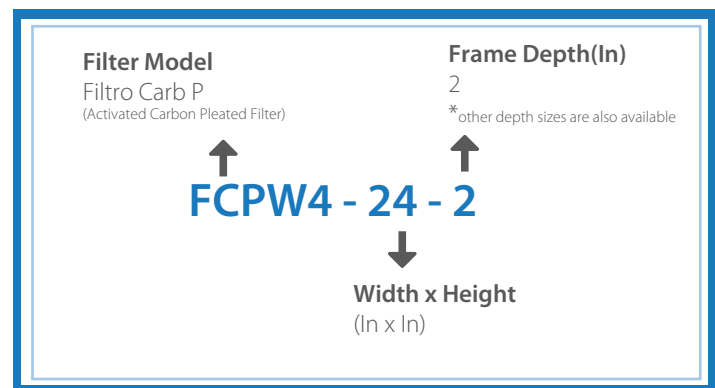
Filter Models	Nominal Size (in)	Actual Size (mm)	Rated Air Flow (CMH/CFM)	Initial Resistance (Pa / in.W.G)
FCPW4-24-2	12x24x2	287X592X45	1700/1000	70 / 0.28
FCPW4-00-2	20x20x2	495X495X45	2378/1400	70 / 0.28
FCPW4-44-2	24x24x2	592X592X45	3400/2000	70 / 0.28
FCPW4-55-2	25x25x2	625X625X45	3695/2175	70 / 0.28
FCPW4-24-4	12x24x4	287X592X95	1700/1000	60 / 0.24
FCPW4-00-4	20x20x4	495X495X95	2378/1400	60 / 0.24
FCPW4-44-4	24x24x4	592X592X95	3400/2000	60 / 0.24
FCPW4-55-4	25x25x4	625X625X95	3695/2175	60 / 0.24

1" filter operates at an air velocity of 300 FPM . 2" & 4" filters operates at an air velocity of 500 FPM

Airflow vs Initial Resistance



Model Details Breakdown



Frame	Plastic / Metal / Cardboard
Media	Impregnated carbon
Standard depth	1" - 2" - 4" / 25mm - 45mm - 95mm
Mesh support	Air leaving side
Max.operating temp.	75°C / 167 F
Air flow	3400 CMH / 2000 CFM
Final pressure drop	250 Pa / 1" W.G
Efficiency standard	ASHRAE 52.2 / EN 779 / ISO 16890

Available upon request	Filtro Carb T
	Filtro Carb H
	Filtro Carb ACYL

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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