

Filtro Carb T

Activated Carbon Filter Tray



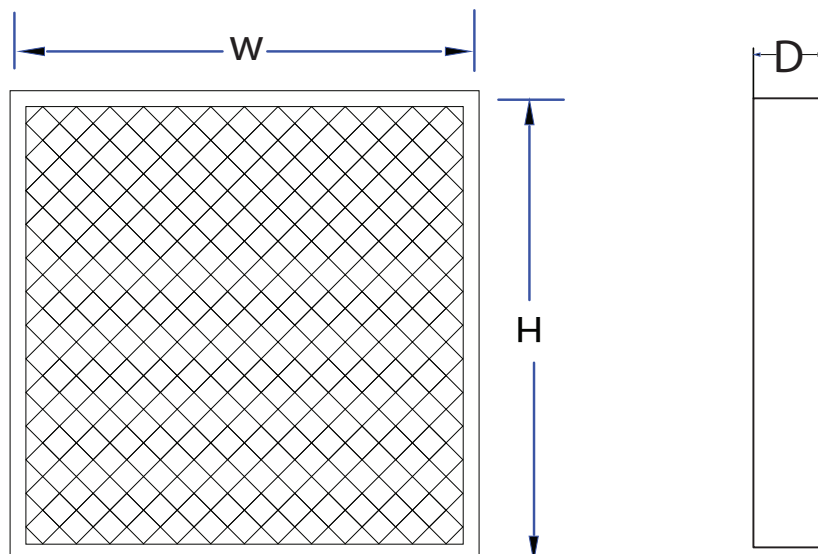
Key Features

- Targeted gases - VOCs , SO₂ , NO₂ , Formaldehyde and Ozone
- Activated carbon media
- Long service life
- Low weight
- Easy installation
- High air residence time due to deep - bed tray design
- ▼ **Frame** GI / SS / Plastic
- ▼ **Style** Box type
- ▼ **Media** Activated carbon / Blended / Chemical
- ▼ **Mesh Support** Both side
- ▼ **Max. operating temperature** 75°C / 167°F
- ▼ **Relative Humidity** 90%

Filtro Carb T are robust, leak-free filters to provide efficient gas-phase filtration and odor control in diverse indoor environments such as commercial buildings, data centers, educational institutions, and clean process facilities. These trays are designed to be pre-filled with user-specific chemical media, including activated impregnated carbon, or custom-blended sorbents tailored to target specific contaminants. Available in standard depths 1"/25mm and 2"/45mm and custom sizes.

Construction

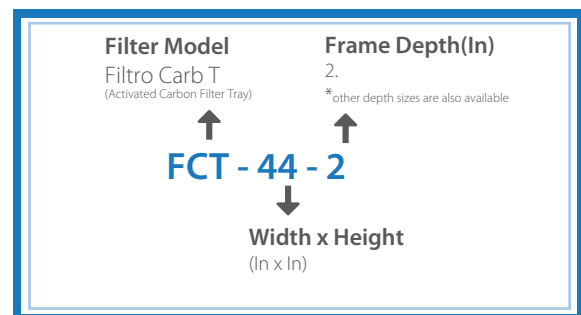
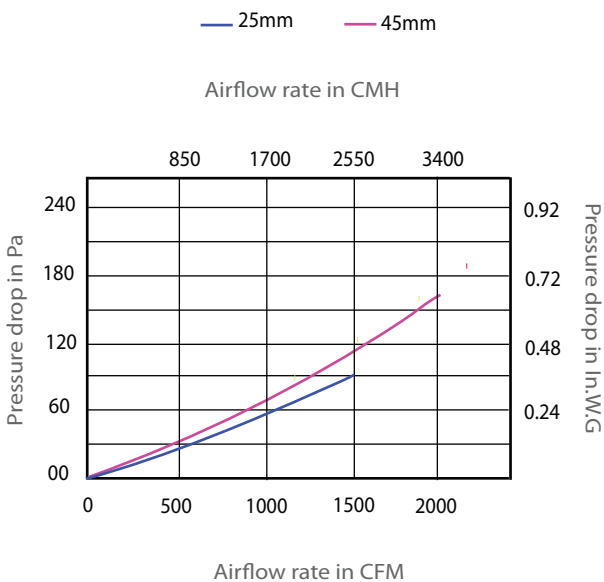
The carbon tray is constructed using high-quality galvanized steel, with optional stainless steel or powder-coated finishes for enhanced corrosion resistance. The filtration media consists of granular activated carbon with large surface area arranged in a loose fill structure, optionally blended with activated alumina, depending on the target gas profile. The media is vibrated during filling to ensure uniform packing and to prevent settlement during operation, maintaining consistent performance and minimizing pressure drop. The Carb Trays are also arranged in V Bank form to handle even larger flow and maintaining high residence time of 0.1 second.





Product Information

Filter Model	Nominal size (inches)	Actual size (mm)	Rated Air velocity (m/s)	Rated Airflow (CMH/CFM)	Initial Pressure Drop (Pa/in.WG)
FCT-24-1	12 x 24 x 1	287 x 592 x 25	1.5	1020/600	70 / 0.28
FCT-60-1	16 x 20 x 1	395 x 495 x 25		1132/666	70 / 0.28
FCT-65-1	16 x 25 x 1	395 x 695 x 25		1417/834	70 / 0.28
FCT-00-1	20 x 20 x 1	495 x 495 x 25		1417/834	70 / 0.28
FCT-44-1	24 x 24 x 1	592 x 592 x 25		2040/1200	70 / 0.28
FCT-55-1	25 x 25 x 1	625 x 625 x 25		2213/1302	70 / 0.28
FCT-24-2	12 x 24 x 2	287 x 592 x 45	2.5	1700/1000	163 / 0.65
FCT-60-2	16 x 20 x 2	395 x 495 x 45		1887/1110	163 / 0.65
FCT-65-2	16 x 25 x 2	395 x 695 x 45		2363/1390	163 / 0.65
FCT-00-2	20 x 20 x 2	495 x 495 x 45		2363/1390	163 / 0.65
FCT-44-2	24 x 24 x 2	592 x 592 x 45		3400/2000	163 / 0.65
FCT-55-2	25 x 25 x 2	625 x 625 x 45		3689/2170	163 / 0.65



✓ Rugged Build Quality

Engineered with corrosion-resistant materials to ensure durability and reliable operation in demanding environments.

✓ User-Friendly Design

Designed for effortless setup and low-maintenance performance to save time and resources.

✓ Flexible Dimensions

Offered in various sizes to match your specific installation requirements and spatial constraints.

✓ Adaptable Filtration Media

Available in options such as activated carbon, treated carbon, chemical, or hybrid blends to effectively target diverse contaminants.

Frame	Plastic / GI / SS
Media	Activated carbon / Blended / Chemical
Mesh support	Both side
Temperature	75°C / 167°F Max. operating temperature
Relative humidity	90%
Gasket	Available upon request
Final pressure drop	250Pa / 1" WG

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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Filtrowin | Carbon Filter
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