

## Aero Carb Z - Activated Carbon Pleated Filters

Aero Carb Z filters are disposable type pleated panels which offers extended surface filtration combined with odor control, designed to suit a wide variety of HVAC applications including Hospitals, Pharmaceutical companies, Food processing units, Restaurants, Airports, Commercial Buildings etc. Aero Carb Z filters are available in MERV6 / G4 / EU4 and Aero Carb Z85 offers MERV 13 / F7 / EU7 efficiency. These filter comes in 25 mm, 45mm and 95mm depths. These filters are recommended as direct replacements to existing pleated air filters. Filters are easy to install and completely disposable too.

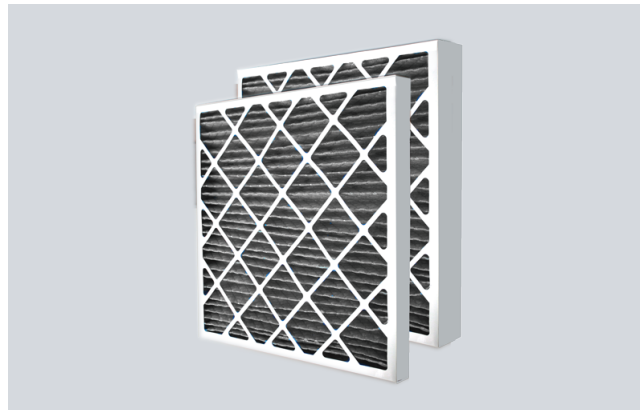
### Aerofil Models

#### Aero Carb Z

Available in 25mm, 45mm and 95mm depths  
MERV7 / G4 / EU4 Efficiency

#### Aero Carb Z85

Available in 45mm and 95mm depths  
MERV13 / F7 / EU7 Efficiency



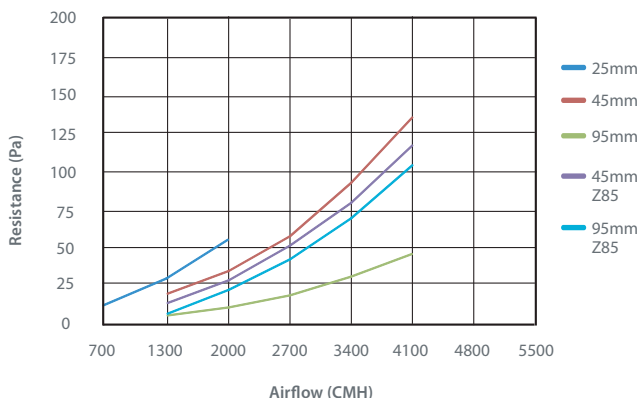
### Media Features and Technical Details

The filter media is granulated activated carbon with large surface area sandwiched between 100% Synthetic Filter Media. The pleated media pack is encased in a heavy duty wet strength beverage board frame with diagonal support on both sides. Filter media is bonded to board frames in all sides using adhesive to make the filter 100% leak free. A specially designed finger separator holds the pleats straight offering minimal pressure drop. Metal or plastic frame options also available. Aero Carb Z85 model filters which has an additional F7 Meltblown layer which enhances the filtration efficiency to F7 grade as per EN 779:2012. Thanks to its unique construction which employs a dual property of odor adsorption as well as fine filtration. We also offer blended media of Activated Carbon and Activated Alumina impregnated to deal with various toxic gases.

### Selection Chart ▼

Model Number	Nominal Size (Inches)	Actual Size (mm)
ACZ-24-1	12 x 24 x 1	287 x 592 x 25
ACZ-60-1	16 x 20 x 1	395 x 495 x 25
ACZ-65-1	16 x 25 x 1	395 x 625 x 25
ACZ-00-1	20 x 20 x 1	495 x 495 x 25
ACZ-44-1	24 x 24 x 1	592 x 592 x 25
ACZ-55-1	25 x 25 x 1	625 x 625 x 25
ACZ-24-2	12 x 24 x 2	287 x 592 x 45
ACZ-60-2	16 x 20 x 2	395 x 495 x 45
ACZ-65-2	16 x 25 x 2	395 x 625 x 45
ACZ-00-2	20 x 20 x 2	495 x 495 x 45
ACZ-44-2	24 x 24 x 2	592 x 592 x 45
ACZ-55-2	25 x 25 x 2	625 x 625 x 45
ACZ-24-4	12 x 24 x 4	287 x 592 x 95
ACZ-60-4	16 x 20 x 4	395 x 495 x 95
ACZ-65-4	16 x 25 x 4	395 x 625 x 95
ACZ-00-4	20 x 20 x 4	495 x 495 x 95
ACZ-44-4	24 x 24 x 4	592 x 592 x 95
ACZ-55-4	25 x 25 x 4	625 x 625 x 95
ACZ85-24-2	12 x 24 x 2	287 x 592 x 45
ACZ85-04-2	20 x 24 x 2	490 x 592 x 45
ACZ85-44-2	24 x 24 x 2	592 x 592 x 45
ACZ85-24-4	12 x 24 x 4	287 x 592 x 95
ACZ85-04-4	20 x 24 x 4	490 x 592 x 95
ACZ85-44-4	24 x 24 x 4	592 x 592 x 95

Aero Carb Z - Airflow vs. Initial Resistance



● Rated face velocity is 1.5 m/s for 25mm and 2.5 m/s for 45 and 95mm

● Recommended Final Resistance : 250 Pa

● Please contact factory for non-standard sizes and special toxic gases

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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