

Honeycomb Filter

Any of PureAir's high quality chemisorbant media can be housed in a Honeycomb Filter for integration into an air handling unit. The honeycomb design provides a large surface area while allowing air or gas to flow through with relatively low pressure drop.

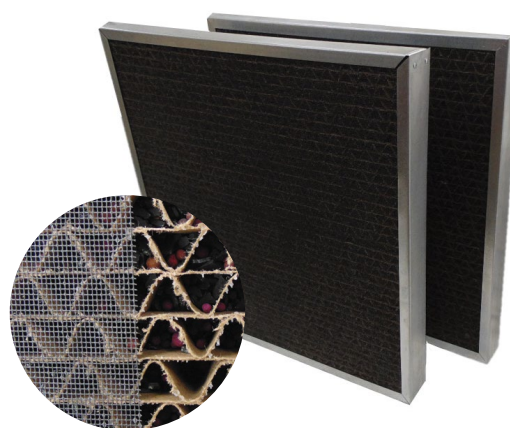
Honeycomb filters are offered in a variety of dimensions, 1", 2", or 4" depths, making it suitable for retrofit applications and HVAC systems with limited space.

Developed as a thinner filter alternative to the Matrix™ (4" depth), the filter can be filled with a variety of PureAir chemisorbant media to support applications that need blended media for targeted gas removal.

Honeycomb Filters are available in 50%, 75%, or 100% media fills which affect pressure drop. Both nominal and exact sizes are listed below.

Key Benefits

- *Disposable*
- *Easy to use*
- *Excellent for retrofit applications*
- *Adjustable media fill allowing a balance between contaminant removal capacity and pressure drop*



Nominal sizes	Exact sizes
24X24X2	23 ³ / ₈ X 23 ³ / ₈ X 1 ⁷ / ₈
12X24X2	11 ³ / ₈ X 23 ³ / ₈ X 1 ⁷ / ₈
20X25X2	19 ¹ / ₂ X 24 ¹ / ₂ X 1 ⁷ / ₈
16X25X2	15 ¹ / ₂ X 24 ¹ / ₂ X 1 ⁷ / ₈
20X20X2	19 ¹ / ₂ X 19 ¹ / ₂ X 1 ⁷ / ₈
16X20X2	15 ¹ / ₂ X 19 ¹ / ₂ X 1 ⁷ / ₈

Nominal sizes	Exact sizes
24X24X1	23 ³ / ₈ X 23 ³ / ₈ X ⁷ / ₈
12X24X1	11 ³ / ₈ X 23 ³ / ₈ X ⁷ / ₈
20X25X1	19 ¹ / ₂ X 24 ¹ / ₂ X ⁷ / ₈
16X25X1	15 ¹ / ₂ X 24 ¹ / ₂ X ⁷ / ₈
20X20X1	19 ¹ / ₂ X 19 ¹ / ₂ X ⁷ / ₈
16X20X1	15 ¹ / ₂ X 19 ¹ / ₂ X ⁷ / ₈

Available Depths	Estimated Pressure Drop at 2.5 m/s (500 ft./min) with 50% Media Fill	Estimated Pressure Drop at 2.5 m/s (500 ft./min) with 75% Media Fill	Estimated Pressure Drop at 2.5 m/s (500 ft./min) with 100% Media Fill
2.5 cm (1 in)	55 Pa (.22 iwg)	124 Pa (.5 iwg)	224 Pa (.9 iwg)
5 cm (2 in)	311 Pa (1.25 iwg)	572 Pa (2.3 iwg)	Not Available
10 cm (4 in)	493 Pa (1.98 iwg)	672 Pa (2.7 iwg)	Not Available