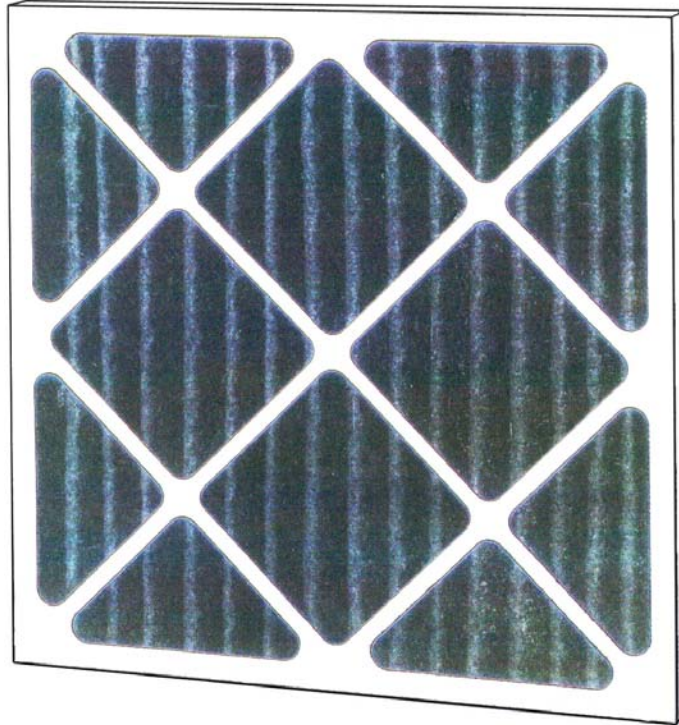


# FILTRATION GROUP

## SERIES 550 ODOR REMOVAL PLEAT



- Effective gas phase filtration for common, compact applications
- Excellent gas phase filter for intermittent gas applications
- Excellent filter to determine if carbon filters will help remove the odor
- Low pressure drop
- Fits all standard front access frames & side access housings
- Disposable, easy to use low service cost
- Produces little to no dust
- Efficient removal of particulate MERV 6 (per ASHRAE Standard 52.2)
- All filters wrapped and sealed in protective plastic bags



### DESCRIPTION

These carbon pleated filters are designed for the control of intermittent odor problems. Carbon pleated filters remove a wide range of odors and common indoor air pollutants. The advanced media has improved capability to adsorb nuisance odors. The filter is constructed with a water resistant board with pleated media to increase capacity and reduce pressure drop. The Series 550 pleated filters are suitable for use in light duty commercial applications.

### BENEFITS

In some light duty applications, the effectiveness of carbon pleated filters can equal many long-term solutions used for controlling odor problems. Carbon pleated filters can be used as a low cost method to verify the potential effectiveness of carbon for controlling an odor problem.

### APPLICATIONS

The carbon pleated filter is well suited for use where gas contaminants are low and/or intermittent.

The carbon pleated filters are well suited for use in air make-up and re-circulation applications in office buildings, hospitals, airports, food courts, and manufacturing facilities.

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# FILTRATION GROUP

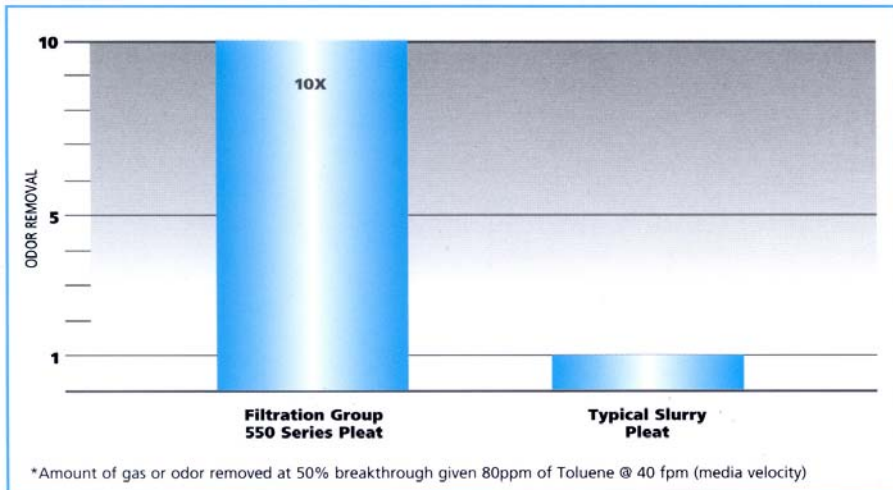
## SERIES 550 ODOR REMOVAL PLEAT

### SERIES 550 DIMENSIONS AND PERFORMANCE DATA

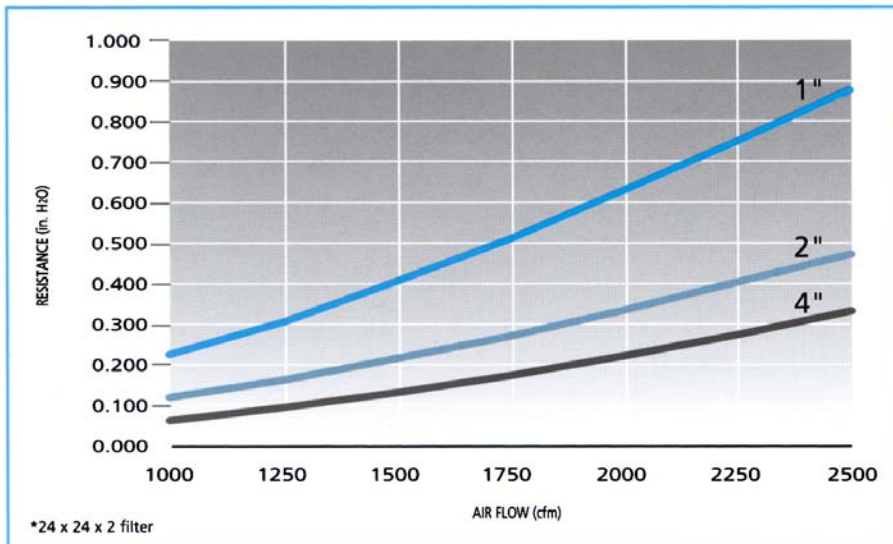
PART NUMBER*	NOMINAL SIZE (HxWxD)	INITIAL ACTUAL SIZE (HxWxD)	INITIAL RESISTANCE @ 250 fpm ("w.g.)	RESISTANCE @ 500 fpm ("w.g.)
15842	24 x 24 x 1	23 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x <sup>3</sup> / <sub>4</sub>	0.23	0.63
15841	20 x 24 x 1	19 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x <sup>3</sup> / <sub>4</sub>	0.23	0.63
15839	12 x 24 x 1	11 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x <sup>3</sup> / <sub>4</sub>	0.23	0.63
16336	24 x 24 x 2	23 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>	0.13	0.34
39928	20 x 24 x 2	19 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>	0.13	0.34
17077	12 x 24 x 2	11 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 1 <sup>3</sup> / <sub>4</sub>	0.13	0.34
17087	24 x 24 x 4	23 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 3 <sup>5</sup> / <sub>8</sub>	0.07	0.23
39811	20 x 24 x 4	19 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 3 <sup>5</sup> / <sub>8</sub>	0.07	0.23
16385	12 x 24 x 4	11 <sup>3</sup> / <sub>8</sub> x 23 <sup>3</sup> / <sub>8</sub> x 3 <sup>5</sup> / <sub>8</sub>	0.07	0.23

\*Other sizes available upon request.

### ODOR REMOVAL \*



### AIR FLOW VS. RESISTANCE\*



### APPLICATION & MATERIALS

Rec. Final Resistance:  
1.25" w.g.

Frame:

Moisture resistant die cut

Media:

The pleated media is constructed of a bi-component polyester fiber. A thermal bonding process attaches the fibers to the activated carbon particles, keeping the carbon in place without the use of adhesives. This unique process maximizes the amount of carbon surface area that is exposed to odors.

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