

# AIR BEAR® SUPREME SERIES

## MEDIA WHOLE-HOUSE AIR CLEANERS

### FILTERS THAT LIVE UP TO THEIR NAME: SUPREME!

The Air Bear® Supreme series provide a clean, controlled indoor environment. Trion Air Bear® whole-house media air cleaners are much more efficient than ordinary furnace filters. In fact, Air Bear® media filters consistently outperform the competition, thanks to their highly-efficient synthetic material, featuring extended-surface pleats that have been proven to have a higher dirt-holding capacity than competitive filters.

The Air Bear® family features the excellent qualities of low resistance for HVAC systems, quick-and-easy installation, and a 10-year Trion-backed warranty.



### THE AIR BEAR® SUPREME SERIES PROVIDES:

- **A Wide Variety of Sizes** — Available in 16" x 25" x 7", 20" x 20" x 7", and 20" x 25" x 7" — allows dealers a variety of flexible applications.
- **Outstanding Performance** — The series boasts a high MERV rating, which means the filters effectively remove mold spores, pollen, and other airborne contaminants.
- **High Efficiency** — Thanks to an extended surface pleated filter with maximum dust-holding capacity, and 100% electrostatically-charged synthetic fibers, this series performs with a very low resistance to air flow, enabling the heating and cooling system to run cleaner and more efficiently, while saving on energy bills.
- **10-Year Limited Warranty** on the cabinet.

### How It Works

The non-woven, pleated Air Bear® media filter traps particles as small as one micron, so clean air is circulated back into the home. Most common media filters (Figure 1) restrict airflow throughout the heating and cooling system, causing higher energy costs. This surface accumulation of airborne particles restricts airflow and makes the entire heating/cooling system work harder. Trion Air Bear® filters (Figure 2) capture and retain pollutants inside the filter, allowing air to flow freely through the system.

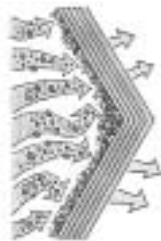


FIGURE 1  
MOST MEDIA  
FILTERS



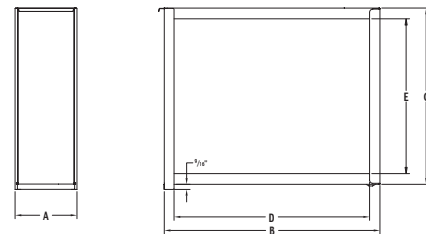
FIGURE 2  
AIR BEAR® FILTERS

**TRION**®  
by **FEDDERS**

# AIR BEAR® SUPREME SERIES MEDIA AIR CLEANERS SPECIFICATIONS

MODEL	AIR BEAR® SUPREME 2000	AIR BEAR® SUPREME 1400	AIR BEAR® SUPREME 20 x 20
PART NO.	455602-019	455602-119	455604-019
RATED AIR FLOW	2000 cfm (3398 m <sup>3</sup> /hr)	1400 cfm (2379 m <sup>3</sup> /hr)	1400 cfm (2379 m <sup>3</sup> /hr)
MERV RATING	8	8	8
MEDIA SIZE INCHES (mm)	5 D x 20 H x 24 <sup>1</sup> / <sub>4</sub> W (127 x 508 x 616)	5 D x 16 H x 24 <sup>1</sup> / <sub>4</sub> W (127 x 406 x 616)	5 D x 20 H x 20 <sup>3</sup> / <sub>4</sub> W (127 x 508 x 527)
SHIPPING WT LBS. (kg)	20 (9.07)	15 (6.80)	19 (8.62)
OPTIONAL ACCESSORIES	PRE-FILTER CHARCOAL AFTER-FILTER	PRE-FILTER CHARCOAL AFTER-FILTER	PRE-FILTER CHARCOAL AFTER-FILTER
<b>DIMENSIONS INCHES (mm)</b>			
A	7 <sup>1</sup> / <sub>8</sub> (181)	7 <sup>1</sup> / <sub>8</sub> (181)	7 <sup>1</sup> / <sub>8</sub> (181)
B	24 <sup>7</sup> / <sub>8</sub> (632)	24 <sup>7</sup> / <sub>8</sub> (632)	21 <sup>3</sup> / <sub>8</sub> (543)
C	20 <sup>1</sup> / <sub>4</sub> (514)	16 <sup>1</sup> / <sub>4</sub> (413)	20 <sup>1</sup> / <sub>4</sub> (514)
<b>DUCT OPENING INCHES (mm)</b>			
D	22 <sup>1</sup> / <sub>2</sub> (572)	22 <sup>1</sup> / <sub>2</sub> (572)	19 (483)
E	17 <sup>7</sup> / <sub>8</sub> (454)	13 <sup>7</sup> / <sub>8</sub> (352)	17 <sup>7</sup> / <sub>8</sub> (454)
<b>RESISTANCE</b>			
CFM (m <sup>3</sup> /hr)	<b>INCHES W.G. / PASCALS</b>		
600 (1019)	.03 (7.5)	.04 (9.9)	.04 (9.9)
800 (1359)	.05 (12.4)	.08 (19.9)	.08 (19.9)
1000 (1699)	.07 (17.4)	.12 (29.8)	.12 (29.8)
1200 (2039)	.10 (24.9)	.18 (44.8)	.18 (44.8)
1400 (2379)	.14 (34.8)	.24 (59.7)	.24 (59.7)
1600 (2718)	.18 (44.8)	—	—
1800 (3058)	.22 (54.7)	—	—
2000 (3398)	.27 (67.1)	—	—

Air Bear® Air Cleaners have been tested using ANSI / ASHRAE 52.2-1999 standard test procedures.



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