Bel-Aire
ElectronicAirCleaners.com

Air Bear® Series
Media Whole-House Air Cleaners

The Air Bear series provides a clean, controlled inside environment. Trion Air Bear whole-house Media Air Cleaners are much more efficient than ordinary furnace filters. The Air Bear media filter outperforms the competition because of its highly-efficient synthetic material, featuring radial pleating and an omnidirectional airflow design, and has proven to have a higher dirt holding capacity than competitive filters.

The Air Bears feature the excellent qualities of the Air Bear family including low resistance for HVAC systems, quick and easy installation, and a 10-Year Trion-backed warranty.

Features / Benefits

- Available in 16x25 (1200 cfm), 20x20 (1400 cfm) and 20x25 (2000 cfm) and 25x20 (2000 cfm) – offers dealers a variety of optional applications
- Radial Pleating and Omnidirectional fiber design - allows maximum dust holding capacity while not obstructing air flow
- 10-Year Limited Warranty on the Cabinet - gives both dealer and customer quality assurance
- Optional Antimicrobial Treated Replacement Air Bear Filter - helps inhibit the growth of microorganisms trapped by the filter
- Low Resistance - enables heating and cooling system to run cleaner and more efficiently, while saving on energy bills

How It Works

The nonwoven, pleated Air Bear media filter traps particles as small as 1 micron (1/24,000 of an inch in diameter) so cleaned air is recirculated into the home.

Most common media filters (figure 1) restrict airflow throughout the heating and cooling system, causing higher energy costs. The accumulation of airborne particles trapped on the outside of the media, restrict airflow and make the entire heating cooling systems work harder. Trion Air Bear filters (figure 2), capture and retain pollutants inside the filter, allowing air to flow freely through the system.

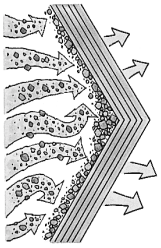


FIGURE 1
MOST MEDIA FILTERS

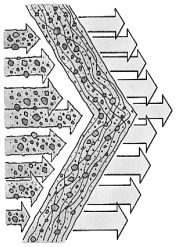


FIGURE 2
AIR BEAR FILTERS

TRION®

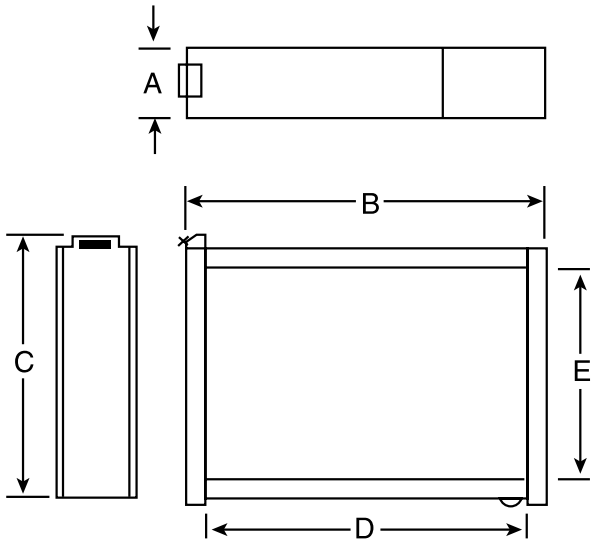
.....Specifications Air Bear • Media Air Cleaners

Model:	Air Bear	Air Bear TM	Air Bear 20 x 20	Son of Bear	Air Bear 25 x 20
Part Number:	435790- 027	435790-028	435790-029	435790-048	453000-001
Rated Air Flow:	2000 cfm	1200 cfm	1400 cfm	2000 cfm	2000 cfm
Media Size:	5" D x 20" H x 24 1/4" W	3" D x 16" H x 24 1/4" W	5" D x 20" H x 20 3/4" W	5" D x 20" H x 24 1/4" W	5" D x 20" H x 24 1/4" W
Shipping Wt:	20 Lbs.	15 Lbs.	19 Lbs.	20 Lbs.	20 Lbs.
Optional Accessories:	Antimicrobial Media Pre-filter Charcoal After-filter	Antimicrobial Media Pre-filter Charcoal After-filter	Antimicrobial Media Pre-filter Charcoal After-filter	Antimicrobial Media Pre-filter Charcoal After-filter	Antimicrobial Media Pre-filter Charcoal After-filter

Media Listing: UL Classified (see complete marking on product)

Model	Air Bear	Air Bear TM	Air Bear 20 x 20	Son of Bear	Air Bear 25 x 20
Dimensions:					
A	7 1/4"	5 1/4"	7 1/4"	7 1/4"	7 1/4"
B	25"	25"	21 1/2"	25"	20 1/4"
C	20 1/4"	16 1/4"	20 1/4"	20 1/4"	25"
Duct Opening					
D	22 1/2"	22 1/2"	19"	22 1/2"	22 1/2"
E	17 7/8"	13 7/8"	17 7/8"	17 7/8"	17 7/8"
Resistance					
cfm	**Inches W.G.**				
600	.020	.050	.020	.020	.020
800	.050	.050	.050	.050	.050
1000	.067	.067	.067	.067	.067
1200	.093	.093	.093	.093	.093
1400	.133		.133	.133	.133
1600	.177			.177	.177
1800	.223			.223	.223
2000	.270			.270	.270

Air Bear Air Cleaners have been tested using ANSI / ASHRAE 52.1-1992 standard test procedures.



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Fedders Unitary Products • P.O. Box 7938 • Longview, TX 75607 • (800) 225-6753 • FAX: (903) 643-2222

Fedders Unitary Products, having a policy of continuous product improvement, reserves the right to make changes in design and specification without notice.

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