

Air Bear[®] Supreme

Media Whole-House Air Cleaners



TECHNICAL ENGINEERING SPECIFICATION



Performance:

- Rated Air Flow Up to 2000 CFM
- Non-Woven, 5-Inch Thick, Pleated Air Bear Media Filter Traps Particles as Small as One Micron
- Tested Using ANSI/Ashrae 52.2 - 2007 Standard Procedures
- Efficiency Rating of MERV 8 or MERV 11

Features:

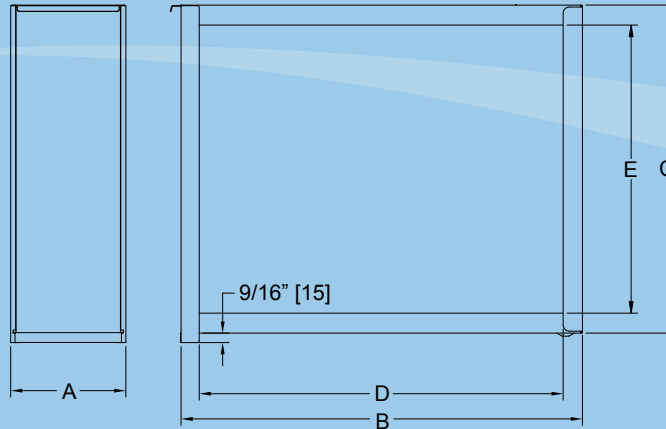
- Quick and Easy Installation
- Air Bear Filters Capture and Hold Pollutants Inside the Filter, Allowing Air to Flow Freely Through the System
- Highly-Efficient, 100% Electrostatically-Charged Synthetic Material Features Extended Surface Pleats that have a Higher Dirt-Holding Capacity than Competitive Filters
- Available In a Wide Variety of Sizes
- Mounts Directly to Heating and Cooling Systems
- Suitable for Use with All Types of Central Forced-Air Configurations
- Rugged Cabinet Construction For Long Life

Warranty:

- 10-Year Limited Warranty on Cabinet

TECHNICAL ENGINEERING SPECIFICATION

Air Bear[®] Supreme Dimensions



Model	Air Bear [®] Supreme 2000		Air Bear [®] Supreme 1400	Air Bear [®] Supreme 20 X 20
Part No.	455602-019	459200-005	455602-119	455604-019
Rated Air Flow	2000 CFM (3398 m ³ /hr)	2000 CFM (3398 m ³ /hr)	1400 CFM (2379 m ³ /hr)	1400 CFM (2379 m ³ /hr)
MERV Rating	8	11	8	8
Media Size Inches (mm)	5 D x 20 H x 24 1/4 W (127 x 508 x 616)	5 D x 20 H x 24 1/4 W (127 x 508 x 616)	5 D x 16 H x 24 1/4 W (127 x 406 x 616)	5 D x 20 H x 20 1/4 W (127 x 508 x 527)
Shipping Weight lbs (kg)	20 (9.07)	20 (9.07)	15 (6.07)	19 (8.62)
Optional Accessories	Pre-Filter	Pre-Filter	Pre-Filter	Pre-Filter
	Charcoal After-Filter	Charcoal After-Filter	Charcoal After-Filter	Charcoal After-Filter
Dimensions Inches				
A	7 1/8 (181)	7 1/8 (181)	7 1/8 (181)	7 1/8 (181)
B	24 7/8 (632)	24 7/8 (632)	24 7/8 (632)	21 3/8 (543)
C	20 1/4 (514)	20 1/4 (514)	16 1/4 (413)	20 1/4 (514)
D Duct Opening (mm)				
D	22 1/2 (572)	22 1/2 (572)	22 1/2 (572)	19 (483)
E	17 7/8 (454)	17 7/8 (454)	13 7/8 (352)	17 7/8 (454)
Resistance				
CFM (m ³ /hr)	Inches W.G. / Pascals			
600 (1019)	.03 (7.5)	.05 (12.5)	.04 (9.9)	.04 (9.9)
800 (1359)	.05 (12.4)	.07(18)	.08 (19.9)	.08 (19.9)
1000 (1699)	.07 (17.4)	.09 (23)	.12 (29.8)	.12 (29.8)
1200 (2039)	.10 (24.9)	.12 (80)	.18 (44.8)	.18 (44.8)
1400 (2379)	.14 (34.8)	.17 (43)	.24 (59.7)	.24 (59.7)
1600 (2718)	.18 (44.8)	.21 (53)	-	-
1800 (3058)	.22 (54.7)	.26 (65)	-	-
2000 (3398)	.27 (67.1)	.32 (80)	-	-

Air Bear[®] Air Cleaners have been tested using ANSI / ASHRAE 52.2-2007 standard test procedures.

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