

# Air Bear<sup>®</sup> 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:

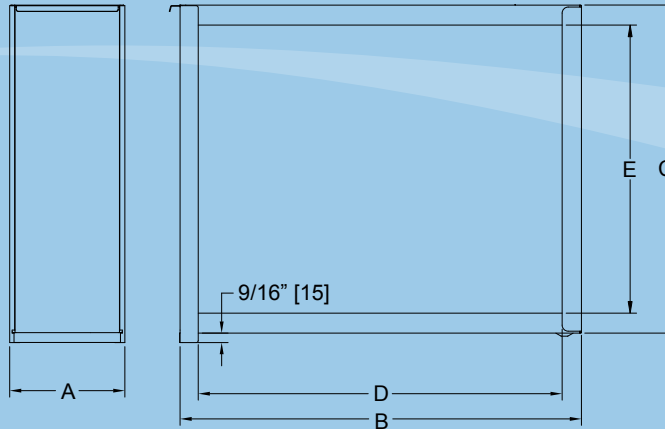
- Quick and Easy Installation
- Air Bear Filters Capture and Hold Pollutants Inside the Filter, Allowing Air to Flow Freely Through the System
- Highly-Efficient, 100% Electrostatically-Charged Synthetic Material Features Extended Surface Pleats that have a Higher Dirt-Holding Capacity than Competitive 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<sup>®</sup> Supreme Dimensions**



Model	Air Bear <sup>®</sup> Supreme 2000		Air Bear <sup>®</sup> Supreme 1400	Air Bear <sup>®</sup> Supreme 20 X 20
Part No.	455602-019	459200-005	455602-119	455604-019
Rated Air Flow	2000 CFM (3398 m <sup>3</sup> /hr)	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	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
<b>Dimensions Inches</b>				
<b>A</b>	7 1/8 (181)	7 1/8 (181)	7 1/8 (181)	7 1/8 (181)
<b>B</b>	24 7/8 (632)	24 7/8 (632)	24 7/8 (632)	21 3/8 (543)
<b>C</b>	20 1/4 (514)	20 1/4 (514)	16 1/4 (413)	20 1/4 (514)
<b>D Duct Opening (mm)</b>				
<b>D</b>	22 1/2 (572)	22 1/2 (572)	22 1/2 (572)	19 (483)
<b>E</b>	17 7/8 (454)	17 7/8 (454)	13 7/8 (352)	17 7/8 (454)
<b>Resistance</b>				
CFM (m <sup>3</sup> /hr)	<b>Inches W.G. / Pascals</b>			
<b>600 (1019)</b>	.03 (7.5)	.05 (12.5)	.04 (9.9)	.04 (9.9)
<b>800 (1359)</b>	.05 (12.4)	.07(18)	.08 (19.9)	.08 (19.9)
<b>1000 (1699)</b>	.07 (17.4)	.09 (23)	.12 (29.8)	.12 (29.8)
<b>1200 (2039)</b>	.10 (24.9)	.12 (80)	.18 (44.8)	.18 (44.8)
<b>1400 (2379)</b>	.14 (34.8)	.17 (43)	.24 (59.7)	.24 (59.7)
<b>1600 (2718)</b>	.18 (44.8)	.21 (53)	-	-
<b>1800 (3058)</b>	.22 (54.7)	.26 (65)	-	-
<b>2000 (3398)</b>	.27 (67.1)	.32 (80)	-	-

Air Bear<sup>®</sup> Air Cleaners have been tested using ANSI / ASHRAE 52.2-2007 standard test procedures.

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