

# Air Ventilator Heavy-Duty

Specifications

January 2014

**Construction:** Thick PVC vinyl coated polyester fabric hose reinforced with a spring steel wire helix & external wearstrip. All hoses ends have a belted cuffed end for easy installation.

**Product Features:**

- \* Heavy-weight duct hose.
- \* Highly compressible and easy to transport
- \* Ultra-durable air ventilation hose
- \* Wearstrip offers external abrasion resistance
- \* Retractability allows for convenient storage and easy transport in a fraction of its fully extended length

**Applications:** Recommended for industrial air movement applications.

**Temperature Range:** - 20 F to + 180 F

**Sizes I.D. (inches):** 6, 8, 12, 14, 16, and 24 Inch I.D.  
Custom sizes up to 24" ID available with a 1,000 ft. minimum.

**ID Tolerances:** To 12 Inch: -0.00 to + 0.125 Inch  
12 Inch and over: - 0.00 to + 0.250 Inch

**Standard Length:** 25 Feet

**Standard Colors:** Yellow with black wearstrip

**End Finish:** All hoses ends have a belted cuffed end for easy installation.

**Markets:** Aerospace, Air Duct Cleaning, A/C Ventilation, Blower Hose, Chiller, Cold Air Supply, Confined Space Ventilation, Dehumidification, Fans and Blowers, Flight Simulators, Function Tent HVAC, HEPA, Humidity Control, HVAC, Laser Engraving, Mining, Pet Training Hose, Rocket Support Duct, Safety Equipment, Smoke Ejectors, Utility Blowers, Ventilation, Wave Pool Blowers

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Size Inside Diameter (Inches)	Approximate Weight Lbs./ft.	Min Centerline Bend Radius (Inches)	Compression Ratio	Max Recommended Negative Pressure (IN./HG)	Max Recommended Positive Pressure (PSI)
6	0.30	N/A	8 to 1	N/A	N/A
8	0.40	N/A	8 to 1	N/A	N/A
12	0.65	N/A	8 to 1	N/A	N/A
14	0.75	N/A	8 to 1	N/A	N/A
16	0.85	N/A	8 to 1	N/A	N/A
24	1.30	N/A	8 to 1	N/A	N/A

Note: Technical data based on 2 ft. straight lengths of hose 72 F.

**Disclaimer:** The proper use and maintenance of the hose and/or duct is the sole responsibility of the purchaser and ultimate user of the product. This information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible. Adequate testing under actual service conditions is necessary to properly establish suitability. We take pride in the quality of all of our products and we welcome comments and suggestions from our customers.

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