



## SPECIFICATIONS

# EVDH

VARIABLE AIRFLOW DUAL SPEED  
EXHAUST FAN



130 CFM/<0.3 Sones @ 0.10" SP.  
120 CFM/<0.3 Sones @ 0.10" SP.  
110 CFM/<0.3 Sones @ 0.10" SP.  
100 CFM/<0.3 Sones @ 0.10" SP.

90 CFM/<0.3 Sones @ 0.10" SP.  
80 CFM/<0.3 Sones @ 0.10" SP.  
70 CFM/<0.3 Sones @ 0.10" SP.  
60 CFM/<0.3 Sones @ 0.10" SP.

50 CFM/<0.3 Sones @ 0.10" SP.  
40 CFM/<0.3 Sones @ 0.10" SP.  
30 CFM/<0.3 Sones @ 0.10" SP.

**BOOST SPEED: 150 CFM/0.6 Sones @ 0.10" SP, 113 CFM @ 0.25" SP.**

### • Grill

White, polymeric grill secured in place with torsion springs; easily removed if necessary, dimensions - 14 1/4" x 14 1/4".

### • Blower Wheel

Balanced polymeric dual inlet blower wheel secured in place using a hex nut.

### • Adjustable Capacity Motor

8 capacity settings on low speed allow the fan to be set to the required exhaust rate for continuous ventilation. Low speed set points include: 30 40 50 60 70 90 100 & 120 CFM

High speed rapidly clears the air of moisture, odors or other contaminants. High speed set points include: 80 110 130 Boost

Quiet 4 Pole motor, suitable for continuous operation, permanently lubricated, 115/120V 60 Hz., 0.30 amps. Ideal for compliance with Ashrae 62.2, LEED, ENERGY STAR® for Homes, California Title 24 and other programs.

### • Humidity Sensor

Integrated humidity sensor, adjustable up to 80% RH automatically turns fan to high speed until humidity drops to the desired set point.

### • Fan Housing

23 gauge galvanized steel housing. Overall dimensions: 12 7/8" x 12 3/4" x 9 7/8".

### • Duct Collar

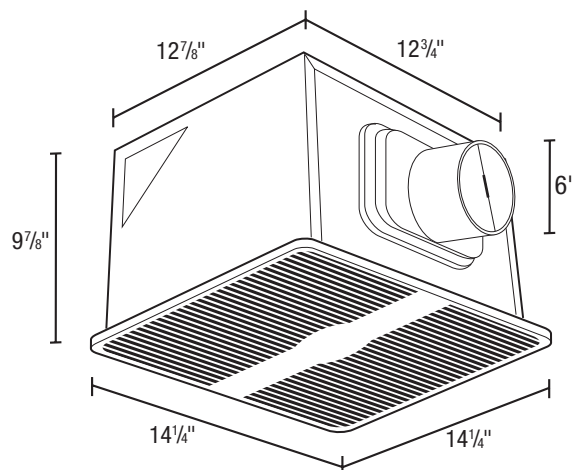
6" round, zinc plated metal collar adapter. Gasketed, spring loaded aluminum backdraft damper.

### • Electrical Connections

0.5" electrical knockouts provided. Easy wiring access via either internal or external wiring compartment cover.

### • Single Pack Shipping Info

Box Dim: 20" x 15 7/8" x 11 3/8"  
UPC: 0-8316294190-9  
Shipping Weight: 14.5 lbs.



Acceptable for use over  
tub or shower when  
installed in a GFCI  
protected branch circuit.



### • Unit Mounting

The housing will mount through drywall thickness up to 3/4", with a rough-in opening of 13" x 12 7/8". The housing will mount either between 16" or 24" on center joists, using the 2 supplied housing mounting brackets. The housing mounting brackets can be adapted for overhead mounting (hardware not provided).

## SEE REVERSE SIDE FOR STATIC PRESSURE RANGES

<b>PROJECT</b>							<b>ARCHITECT</b>		
<b>LOCATION</b>							<b>ENGINEER</b>		
<b>CONTRACTOR</b>							<b>SUBMITTED BY</b>		<b>DATE</b>
<b>FAN NUMBER</b>	<b>MODEL NUMBER</b>	<b>CFM</b>	<b>IN W.G.</b>	<b>RPM</b>	<b>WATTS</b>	<b>AMPS</b>	<b>SONES</b>	<b>QTY</b>	<b>OPTIONAL EQUIPMENT &amp; REMARKS</b>



**U.S.:** 820 Lincoln Avenue  
West Chester, Pennsylvania 19380-4466  
Tel: (610) 692-7400 • 877-304-3785  
Fax: (610) 696-8048

**Canada:**  
Bolton, Ontario  
Tel: 905-456-2033

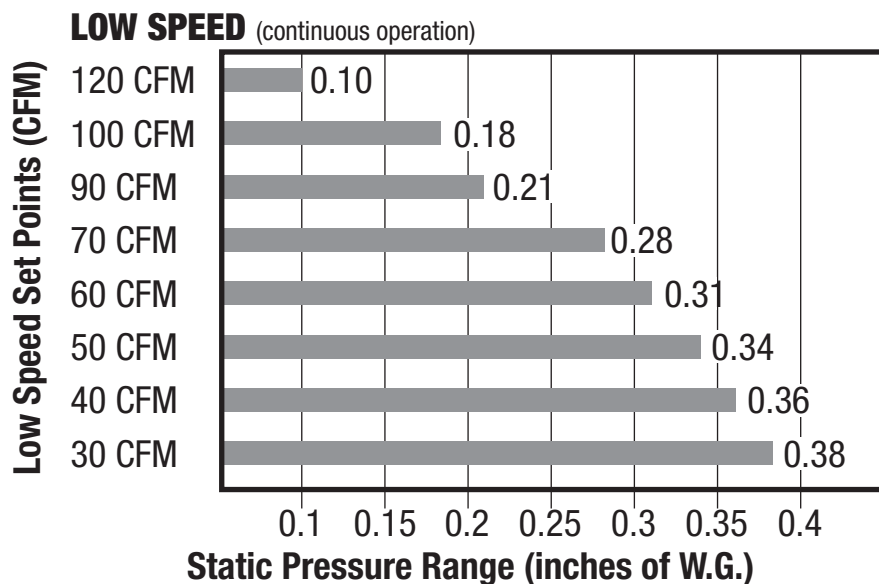
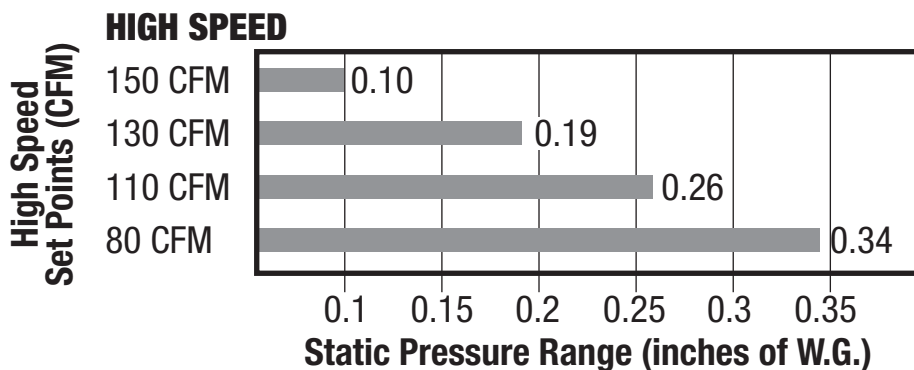


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## ACHIEVABLE STATIC PRESSURES



## ENERGY USAGE (CFM/Watt)

Speed Setting	Watts	Watts/CFM
150 CFM (Boost)	37.0	4.05
130 CFM	33.0	3.94
120 CFM	32.3	3.72
110 CFM	31.5	3.49
100 CFM	28.0	3.57
90 CFM	26.8	3.36

Speed Setting	Watts	Watts/CFM
80 CFM	28.5	2.81
70 CFM	19.8	3.54
60 CFM	18.7	3.21
50 CFM	17.7	2.82
40 CFM	16.8	2.38
30 CFM	15.5	1.94



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