

## Axial Direct-Drive Downblast Supply Ventilator



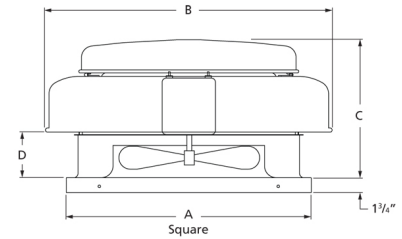
Designed for situations requiring the steady supply of air under low to moderate static pressures. Fully rolled baffle bead for stability and ease of transport with spun aluminum hood construction. Galvanized steel venturi, inlet and supports.

- Maximum inlet air temperature: 120° F
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- UL/cUL 705 Listed for Power Ventilators
- Wall or roof mountable



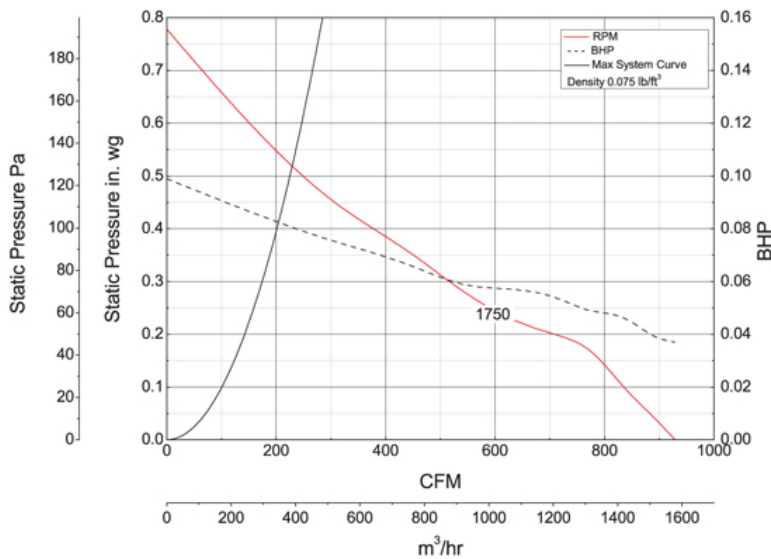
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 705



A	B	C	D
22 in	28 5/8 in	16 1/2 in	6 1/4 in

## Performance Characteristics



## Construction Features

<b>Impeller Diameter (Typ.)</b>	30 in
<b>Impeller Type</b>	Propeller
<b>Impeller Material</b>	Fabricated Steel
<b>Max Inlet Temp</b>	104 °F
<b>Bearing Type</b>	Regreaseable Cast Pillow Block
<b>Drive Package Description</b>	Drives Assembled
<b>Warranty Length</b>	1 Year

## Motor Information

<b>Motor Item Number</b>	50M240
<b>Voltage</b>	115/208-230
<b>Hertz (Cycle)</b>	60 Hz
<b>Motor Phase</b>	1
<b>Motor Enclosure</b>	Totally Enclosed Air-Over
<b>RPM</b>	1,725 rpm
<b>Full Load Amps</b>	11.0/5.5-5.4

## Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP
3/4	0.87	651	CFM	8542	7110	5297
			Sones	17.1	16.2	15.7

Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings include the effects of a birdscreen in the airstream. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type A: Free inlet hemispherical fan some levels.