

**Variable Speed Electronically Commutated (EC) Ventilator**

Designed for use in schools, commercial, and industrial applications to exhaust clean air, up and away from the roof. Leakproof, spun aluminum construction features a fully rolled windband for increased stability. Energy Saving units feature EC motors which allow up to 80% usable turndown. Motor features potentiometer dial for speed adjustment. Optional Variable-Speed Control Kit (43Y140) can be used to remotely control speed.

- Aluminum backward inclined, nonoverloading centrifugal wheel design
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- Maximum inlet air temperature: 130° F
- High-efficiency brushless DC motor
- UL/cUL 705 Listed for Power Ventilators

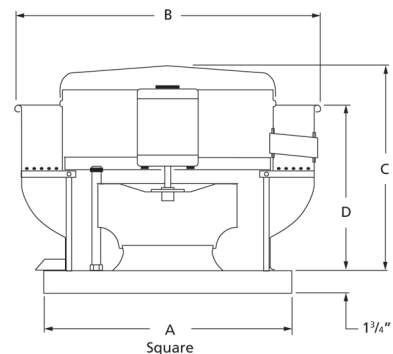
**GREEN Product**

- Variable Speed capable of 80% turn down at a minimum of 85% efficiency at all speeds
- Reduce Energy Consumption

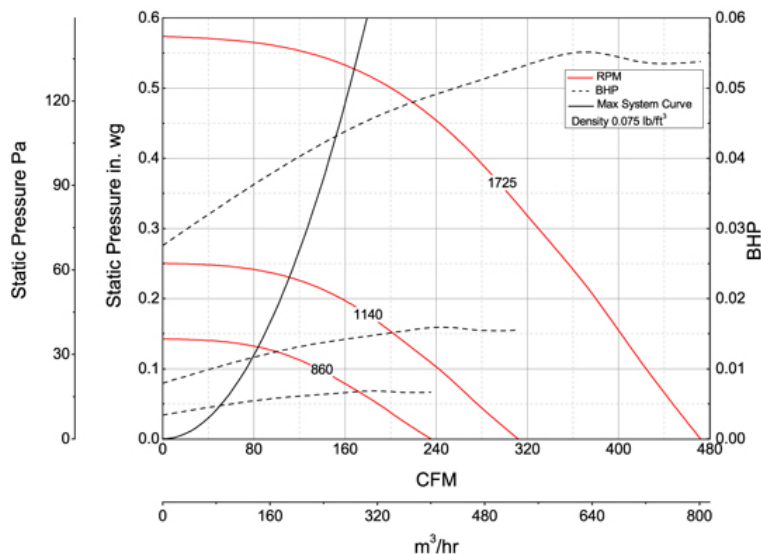
**AMCA Sound & Air**

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
17 in	18 3/8 in	13 1/2 in	11 3/8 in

**Performance Characteristics****Construction Features**

	Impeller Diameter (Typ.)
Impeller Material	8 1/4 in
Impeller Type	Aluminum
Max Inlet Temp	Backward Inclined Centrifugal
Impeller Material	300 °F
Bearing Type	Regreaseable Pillow Block
Aluminum	Drive Package Description
Max Inlet Temp	Drives Assembled
130 °F	Warranty Length
Warranty Length	1 Year

**Motor Information**

Voltage	Motor Item Number
115	6XWJ0
Hertz (Cycle)	Voltage
60 Hz	Motor Phase
1	Motor Enclosure
208-230/460	Hertz (Cycle)
Totally Enclosed	RPM
60 Hz	Motor Phase
rpm	3
Full Load Amps	Motor Enclosure
3.1	Open Drip Proof
RPM	rpm
Full Load Amps	

**Air & Sound Performance**

Impeller Diameter (Typ.)		—
		—
24 1/2 in		—
		—
Impeller Type		—
		—
1/6		0.06
1725		CFM
		Sones
472		413
8.0		7.0
355		289
6.1		6.0

Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances (accessories). 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 sone levels.