Job Name: Mark: Submitted By: Date:10/30/2025

# **Centrifugal Direct-Drive Downblast Exhaust Ventilator**



Designed to meet the general clean air exhaust requirements for industrial and commercial buildings. Features a fully rolled windband bead for increased stability and easy transport. Fresh outside air is drawn in under the motor cover to maximize motor life.

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

AMCA Sound & Air

Dayton Electric Mg.

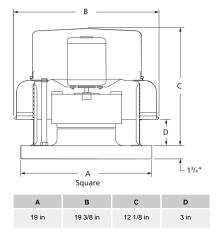
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vehitlators shown
herein are licensed to
herein the AMCA seal.

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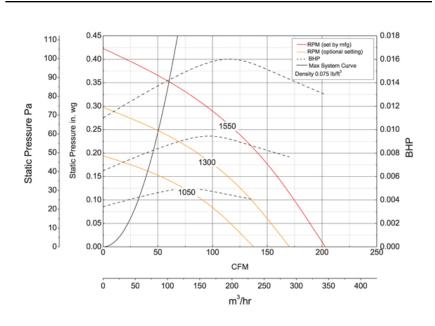
MCA Publication 211
and AMCA Publication
311 and comply with
the requirements of the
AMCA Certified Ratings
Program.



CSA Certified Motor



### **Performance Characteristics**



### **Construction Features**

Impeller Diameter (Typ.)	8 1/4 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	130 °F
Warranty Length	1 Year

# **Motor Information**

Motor Item Number	53J556
Voltage	115
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Open Drip Proof
RPM	1,550 rpm, 1,300 rpm, 1,050 rpm
Full Load Amps	

#### **Air & Sound Performance**

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP
1/60 0.01 1050	1050	1050 CFM Sones	138	73	_	
	1000		1.7	1.7	_	
1/60	1/60 0.01 1300	1300	CFM	170	125	_
1,00	1000	Sones	2.9	2.7	_	
1/60 0.02 1550	CFM	203	166	120		
	1000	Sones	4.3	3.8	3.7	

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 fan sone levels.

Catalog 405, January 2010