Job Name: Mark: Submitted By: Date:11/4/2025

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



Designed for use in restaurants, schools, commercial, and industrial applications to exhaust contaminated air from kitchen range hoods, up and away from the roof. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

- 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: 300° F
- UL/cUL 705 Listed for Power Ventilators
- UL/cUL 762 Listed for Restaurant Exhaust Appliances

AMCA Sound & AI

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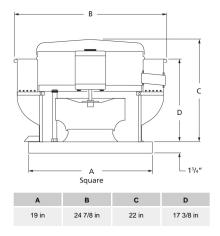
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 311 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 762

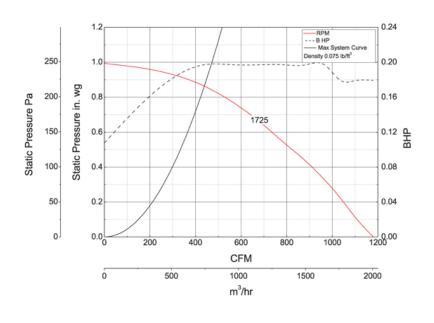
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## **Performance Characteristics**



#### **Construction Features**

Impeller Diameter (Typ.)	11 in			
Impeller Type	Backward Inclined Centrifugal			
Impeller Material	Aluminum			
Max Inlet Temp	300 °F			
Warranty Length	1 Year			

### **Motor Information**

Motor Item Number	4YU27				
Voltage	115				
Hertz (Cycle)	60 Hz				
Motor Phase	1				
Motor Enclosure	Open Air-Over				
RPM	1,725 rpm				
Full Load Amps	3.6				

### **Air & Sound Performance**

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP	0.375" SP	0.500" SP	0.625" SP	0.750" SP
1/4 0.20	0.20	1725	CFM	1180	1094	1017	929	824	712	586
	0.20		Sones	13.8	13.4	13.0	12.7	12.2	12.1	12.3

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.

Catalog 405, January 2010