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 & Air

Dayton Electric Mfg.

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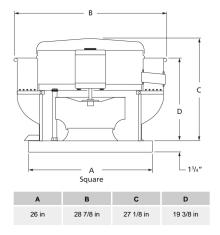
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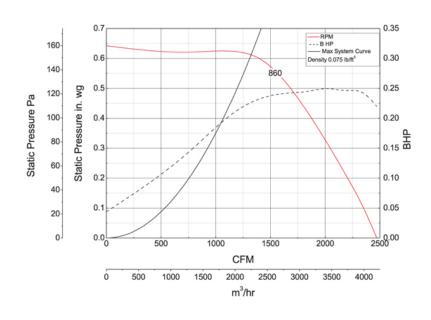
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CSA Certified Motor



## **Performance Characteristics**



## **Construction Features**

Impeller Diameter (Typ.)	16 1/2 in		
Impeller Type	Backward Inclined Centrifugal		
Impeller Material	Aluminum		
Max Inlet Temp	300 °F		
Warranty Length	1 Year		

#### **Motor Information**

Motor Item Number	4YU20		
Voltage	115		
Hertz (Cycle)	60 Hz		
Motor Phase	1		
Motor Enclosure	Open Drip Proof		
RPM	860 rpm		
Full Load Amps	4.8		

#### **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
1/4	0.25	860	CFM	2472	2315	2126	1918	1680
		000	Sones	10.7	10.2	9.9	9.7	9.5

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