



Stock No.  
**4HZ52**

Job Name:  
Mark:

Submitted By:  
Date:9/17/2025

**Power Roof Ventilators**

## 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.

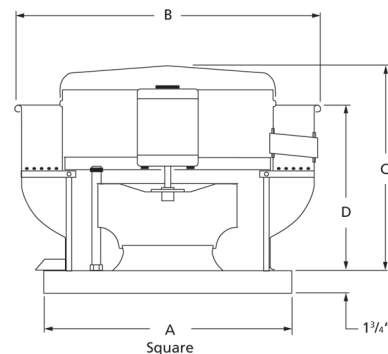
- Aluminum backward inclined, nonoverloading centrifugal wheel design
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available
- Maximum inlet air temperature: 300° F
- UL/cUL 705 Listed for Power Ventilators
- UL/cUL 762 Listed for Restaurant Exhaust Appliances

AMCA Sound & Air  
Dayton Electric Mfg.  
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 762

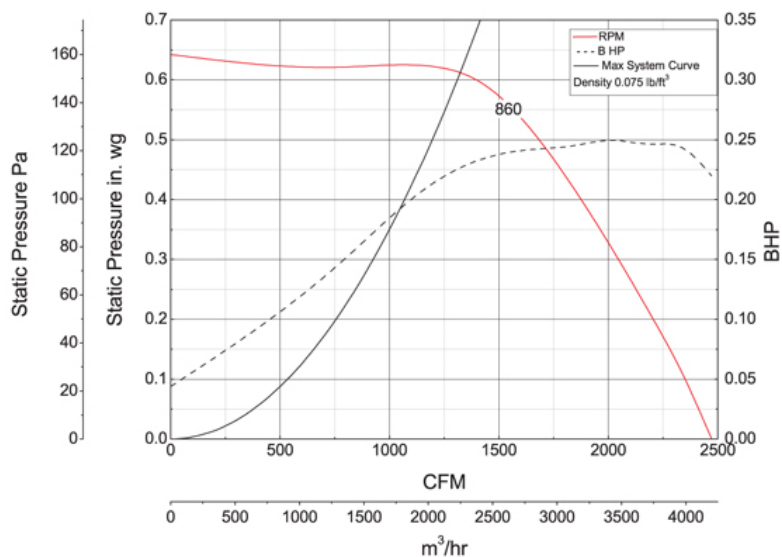


CSA Certified Motor



A	B	C	D
26 in	28 7/8 in	27 1/8 in	19 3/8 in

## 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
			Sones	10.7	10.2	9.9	9.7	9.5

Performance certified 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.