Job Name: Mark:

Submitted By: Date:11/2/2025

# Centrifugal Direct-Drive Upblast Wall-Mount 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 building. Leakproof, spun aluminum construction features a fully rolled windband for increased

- 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

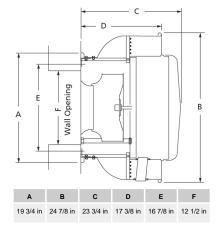
UL/CUL 762 Listed for Restat

AMCA Sound & Air

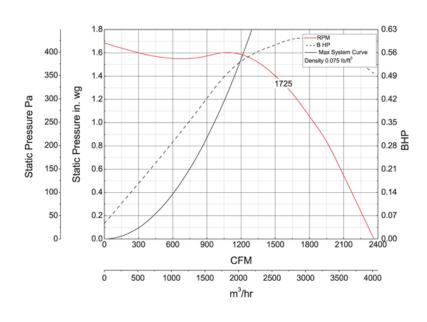
 Dayton Electric Mfg.
 d. certifies that the vehillators shown herein are licensed to herein are licensed to herein are licensed to herein are licensed on tests and herein herein with the requirements of the AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 762 c(UL)US LISTED F53236 MH12596

CSA Certified Motor



## **Performance Characteristics**



## **Construction Features**

Impeller Diameter (Typ.)	13 1/4 in
Impeller Type	Backward Inclined Centrifugal
Impeller Material	Aluminum
Max Inlet Temp	300 °F
Warranty Length	1 Year

#### **Motor Information**

Motor Item Number	4YU29
Voltage	115/230
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Open Air-Over
RPM	1,725 rpm
Full Load Amps	7.0/3.5

#### **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	0.875" SP	1.000" SP	1.250" SP	1.500" SP
3/4	/4 0.60	0.60 1725	CFM	2366	2305	2244	2183	2122	2061	1994	1926	1838	1646	1365
3/4 0.00	0.00		Sones	18.8	18.6	18.4	18.2	18.0	17.6	17.2	16.8	16.4	15.3	14.1

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