

## Centrifugal Direct-Drive Upblast Wall-Mount Exhaust Ventilator



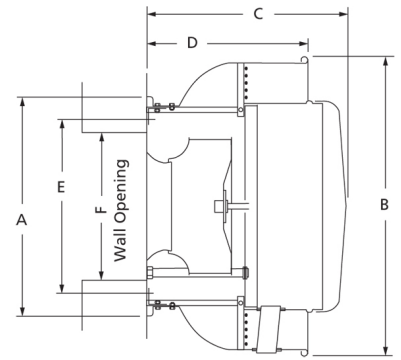
Designed for use in restaurants, schools, commercial, and industrial applications to exhaust contaminated air from kitchen range hoods, up and away from the building. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

- 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.

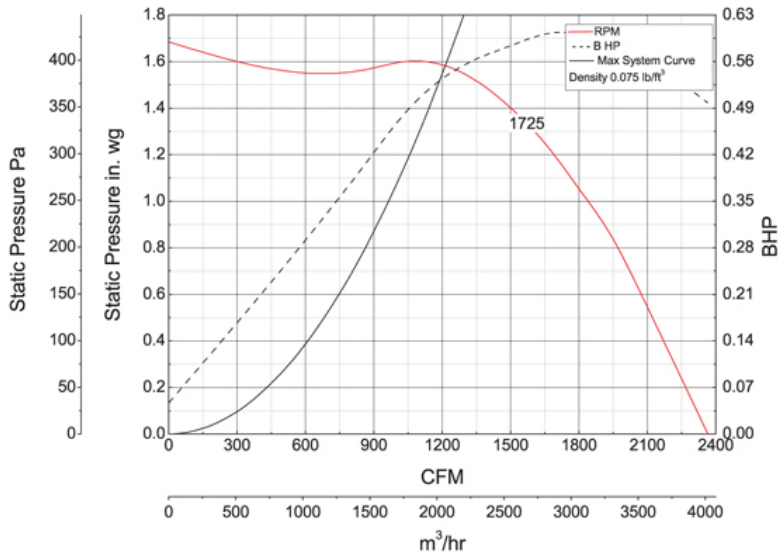
UL/cUL 762  
**UL US LISTED**  
E53236  
MH12596

CSA Certified Motor



A	B	C	D	E	F
19 3/4 in	24 7/8 in	23 3/4 in	17 3/8 in	16 7/8 in	12 1/2 in

### Performance Characteristics



### Construction Features

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

### Motor Information

<b>Motor Item Number</b>	4YU29
<b>Voltage</b>	115/230
<b>Hertz (Cycle)</b>	60 Hz
<b>Motor Phase</b>	1
<b>Motor Enclosure</b>	Open Air-Over
<b>RPM</b>	1,725 rpm
<b>Full Load Amps</b>	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	0.60	1725	CFM	2366	2305	2244	2183	2122	2061	1994	1926	1838	1646	1365
			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.