

Centrifugal Direct-Drive Upblast Wall-Mount Exhaust Ventilator

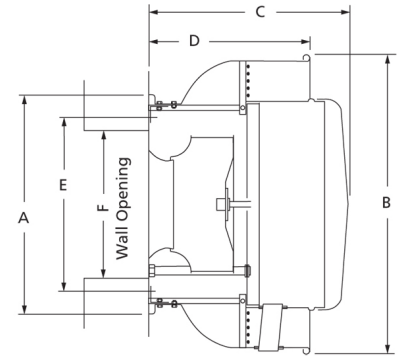


Designed for use in restaurants, schools, commercial, and industrial applications to exhaust contaminated air from kitchen range hoods, up and away from the building. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

- 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

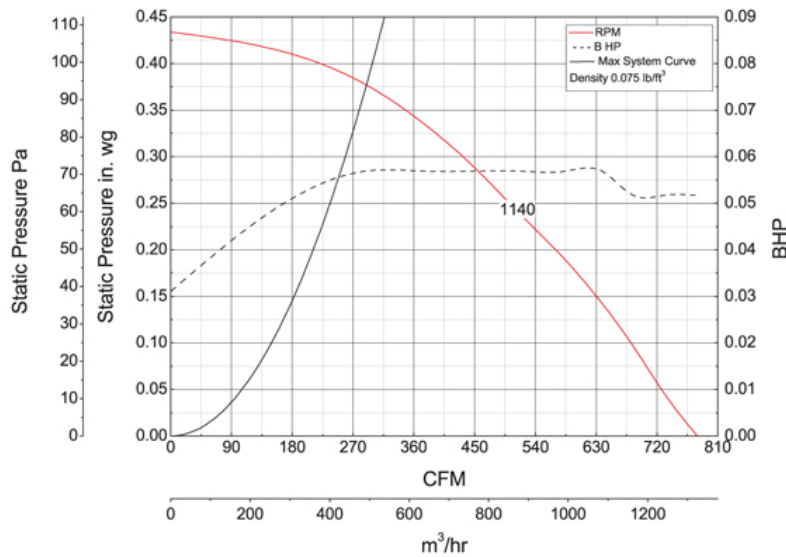


Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



A	B	C	D	E	F
19 3/4 in	24 7/8 in	22 in	17 3/8 in	16 7/8 in	12 1/2 in

Performance Characteristics



Construction Features

Impeller Diameter (Typ.)	36 in
Impeller Type	Propeller
Impeller Material	Galvanized Steel
Number of Blades	6
Max Inlet Temp	104 °F
Bearing Type	Regreaseable Pillow Block
Drive Package Description	Drives By Others
Warranty Length	1 Year

Motor Information

Motor Item Number	4YU23
Voltage	115
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Open Air-Over
RPM	1,140 rpm
Full Load Amps	2.2

Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.000" SP	0.125" SP	0.250" SP	0.375" SP
1/3	0.39	477	CFM	10,484	8176	—	—
			Sones	12.5	11.9	—	—
1/2	0.60	556	CFM	12,220	10,328	—	—
			Sones	15.8	14.9	—	—
3/4	0.90	628	CFM	13,802	12,156	10,205	—
			Sones	18.7	18.3	18.2	—
1	1.20	694	CFM	15,253	13,798	12,111	9875
			Sones	21.0	20.0	19.9	19.9
1 1/2	1.80	792	CFM	17,407	16,198	14,753	13,170
			Sones	28.0	27.0	27.0	28.0

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.