Dayton

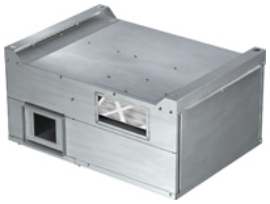
Stock No.
2RB85

Job Name:
Mark:

Submitted By:
Date:6/17/2026

Power Roof Ventilators

Energy Recovery Ventilator



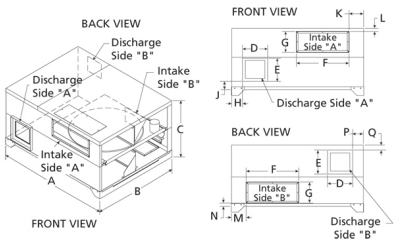
Designed for indoor installations in commercial and institutional applications. Two air streams simultaneously bring in fresh, incoming outdoor air and exhaust stale air from the space. An energy recovery wheel rotates between the two air streams recovering temperature and moisture from the exhaust air to precondition the outdoor air. Removable panels enable easy access to filters and energy recovery wheel for maintenance.

- Supplies 300-800 CFM of outdoor air
- Removes 300-800 CFM of exhaust air
- Saves on both heating and cooling requirements

GREEN Product
- Improve HVAC System Efficiency up to 40%
- Improve dehumidification capacity up to 75%
- Filters - 30%
- Meets Minimum & Optimize Energy Performance
- Meets Minimum IAQ Performance
- Indoor Chemical & Pollutant Source Control
- Indoor Controllability of Systems
- Fundamental Refrigerant Management
- Increased Ventilation
- Outdoor Air Delivery Monitoring
- Thermal Comfort Design

ETL

CSA Certified Motor

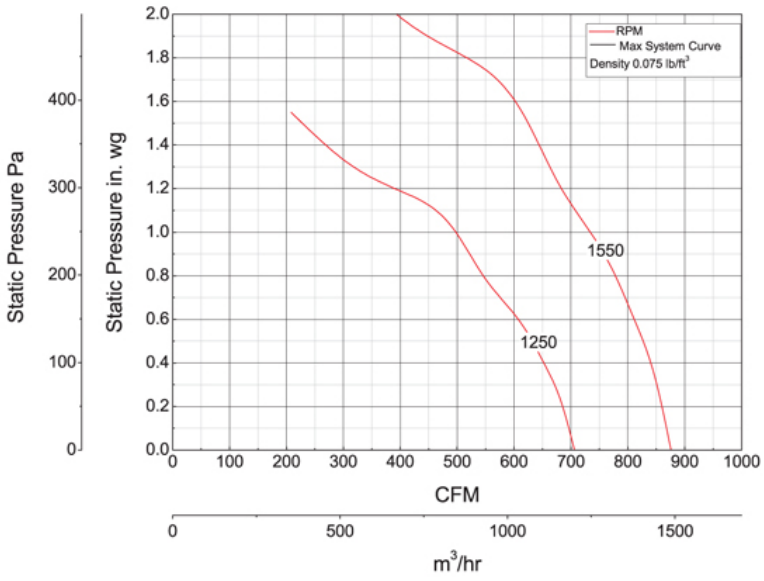


A	B	C	D	E	F
45 4/5 in	35 3/10 in	23 7/10 in	10 in	10 in	18 in

G	H	J	K	L	M
7 in	4 in	2 3/16 in	5 1/8 in	1 1/2 in	5 1/8 in

N	P	Q
1 1/8 in	4 in	1 1/2 in

Performance Characteristics



Construction Features

Warranty Length	1 Year

Motor Information

Motor Item Number	50B899
Voltage	115/208-230
Hertz (Cycle)	60 Hz
Motor Phase	1
Motor Enclosure	Open Drip Proof
RPM	1,625 rpm
Full Load Amps	3.9-3.9/7.8

Air & Sound Performance

Motor HP	Max BHP	Fan RPM	CFM @	0.125" SP	0.250" SP	0.375" SP	0.500" SP	0.625" SP	0.750" SP	0.875" SP	1.000" SP
1/3	—	1250	CFM	693	678	657	631	598	561	527	497
			Sones	—	—	—	—	—	—	—	—
1/3	—	1550	CFM	865	854	842	825	807	786	763	733
			Sones	—	—	—	—	—	—	—	—