

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



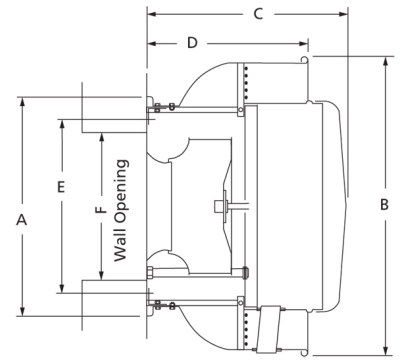
Designed for use in schools, commercial, and industrial applications to exhaust contaminated air, up and away from the building. Leakproof, spun aluminum construction features a fully rolled windband for increased stability.

- Aluminum backward inclined, nonoverloading centrifugal wheel design
- Maximum inlet air temperature: 130° F
- UL/cUL 705 Listed for Power Ventilators
- NEMA 1 junction box located in motor enclosure
- Optional NEMA 1 and 4 disconnects available



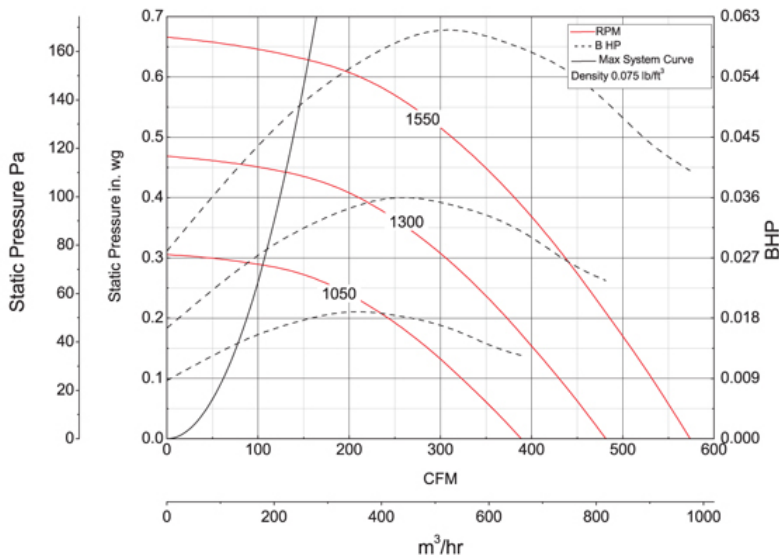
Dayton Electric Mfg. Co. certifies that the ventilators shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

UL/cUL 705



| A         | B     | C         | D         | E     | F         |
|-----------|-------|-----------|-----------|-------|-----------|
| 17 7/8 in | 21 in | 13 3/8 in | 11 1/2 in | 15 in | 10 1/2 in |

### Performance Characteristics



### Construction Features

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Impeller Diameter (Typ.)</b> | 11 in                         |
| <b>Impeller Type</b>            | Backward Inclined Centrifugal |
| <b>Impeller Material</b>        | Aluminum                      |
| <b>Max Inlet Temp</b>           | 130 °F                        |
| <b>Warranty Length</b>          | 1 Year                        |

### Motor Information

|                          |                                 |
|--------------------------|---------------------------------|
| <b>Motor Item Number</b> | 1AGF8                           |
| <b>Voltage</b>           | 115                             |
| <b>Hertz (Cycle)</b>     | 60 Hz                           |
| <b>Motor Phase</b>       | 1                               |
| <b>Motor Enclosure</b>   | Open Air-Over                   |
| <b>RPM</b>               | 1,550 rpm, 1,300 rpm, 1,050 rpm |
| <b>Full Load Amps</b>    | 2.0/1.6/1.3                     |

### 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 |
|----------|---------|---------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1/20     | 0.06    | 1050    | CFM   | 389       | 305       | 182       | —         | —         | —         |
|          |         |         | Sones | 4.0       | 3.9       | 4.3       | —         | —         | —         |
| 1/20     | 0.06    | 1300    | CFM   | 481       | 416       | 340       | 235       | —         | —         |
|          |         |         | Sones | 5.4       | 5.3       | 5.3       | 5.5       | —         | —         |
| 1/20     | 0.06    | 1550    | CFM   | 574       | 520       | 461       | 395       | 312       | 161       |
|          |         |         | Sones | 7.5       | 7.4       | 7.4       | 7.4       | 7.6       | 8.1       |

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.