

ENERGY RECOVERY VENTILATORS

Model WEHC Enthalpy Wheel

100% Outside Air

300 to 8,000 CFM

1.5 in wg External Static Pressure



Features/Options

- AHRI 1060 certified for performance assurance
- 4 standard duct arrangements
- Removable lift off hinged access doors
- Outdoor or interior installation
- Belt drive forward curve fans w/vibration isolation
- Single point power connection with NEMA 3R disconnect for ease of installation
- Foil faced 1" insulation

Control options:

- Economizer controls, temperature or enthalpy
- Variable speed wheel for supply air temperature control and low speed defrost
- Defrost options: preheat, exhaust only
- Variable speed fan drives
- Microprocessor controls with BACnet, LonWorks
- CO2 sensor, smoke detector, rotation detector
- Fan current monitors, airflow gages
- Dirty filter switches, 7 day time clock, remote panel, rotation detector

MERV8 filters, 2", optional MERV13

Cabinet options:

- Double wall, GFI outlet, duct flanges
- Intake hood w/aluminum moisture eliminators
- Motorized dampers, low leakage and insulated
- Exterior paint finish
- Roof curbs, 8" or 14" high
- Transition curbs for retrofit to old model WVB Energy Recovery Ventilators
- LEEDs compliant packaging

Warranty:

Standard 5 year wheel, 1 year unit
Optional 5 year wheel and unit

Model WEHC Energy Recovery Ventilators provide affordable outside ventilation by combining an exhaust fan, make-up air handler and Carnes Energy Recovery Wheel into a compact package that minimizes capital investment and maximizes payback for heating and cooling equipment. Units available for both inside and outside mounting.

Benefits

- Low investment with maximum payback
- Easy to use in new construction or renovation
- Flexible, convenient installation and startup

| Size | CFM | DIMENSIONS LISTED IN INCHES (Millimeters) | | | |
|------|-----------|---|-----------|---------------|-------------|
| | | Length | Width | Height | Lbs. (Kg) |
| 01 | 300-700 | 49 (1247) | 32 (813) | 32 (813) | 550 (249) |
| 02 | 600-1700 | 58 (1473) | 46 (1168) | 38 (965) | 950 (431) |
| 03 | 1200-2800 | 70 (1778) | 54 (1372) | 49 (1247) | 1200 (544) |
| 04 | 1550-4100 | 72 (1829) | 54 (1372) | 55-1/2 (1410) | 2000 (907) |
| 06 | 2450-6500 | 80 (2032) | 72 (1829) | 67-1/2 (1715) | 2400 (1089) |
| 08 | 3000-8000 | 87-1/2 (2223) | 78 (1981) | 72-1/2 (1842) | 2500 (1134) |

