

- C. Fan Performance Rating: Factory test fan performance for airflow, pressure, power, air density, rotation speed, and efficiency. Rate performance according to AMCA 210, "Laboratory Methods of Testing Fans for Aerodynamic Performance Rating."
- D. ARI Compliance:
 - 1. Capacity ratings for air-to-air energy recovery units shall comply with ARI 1060, "Performance Rating of Air-to-Air Heat Exchangers for Energy Recovery Ventilation Equipment."
- E. UL Compliance:
 - 1. Packaged heat recovery ventilators shall comply with requirements in UL 1812, "Ducted Heat Recovery Ventilators".

1.6 COORDINATION

- A. Coordinate installation of concrete equipment pads.

1.7 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of air-to-air energy recovery units that fail in materials or workmanship within specified warranty period.
 - 1. Energy Recovery Wheel: 5 years.

PART 2 - PRODUCTS

2.1 INDOOR ENERGY RECOVERY UNITS WITH ENERGY RECOVERY WHEEL

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. CONSERV.
 - 2. Des Champs/Munters.
 - 3. Greenheck
 - 4. Haakon Industries.
 - 5. JCI/YORK.
 - 6. MAFNA Air Technologies.
 - 7. McQuay.
 - 8. SEMCO.
 - 9. Venmar/CES Group.
 - 10. Xetex
- B. General Fabrication Requirements for Casings:
 - 1. General: Casing deflection shall not exceed a 1:200 ratio when subject to an internal pressure of +/- 6-in. wg. Casing leakage rate shall be less than 1% at 6-in. wg. of nominal unit airflow or 50 CFM, whichever is greater.
 - 2. Sealing: Seal all joints with water-resistant sealant.
 - 3. Exterior Casing: Galvanized steel.
 - 4. Interior Casing: Galvanized steel; solid, perforated in fan sections.