

Johnson Air-Rotation HVAC Systems General Specifications

One Johnson Air-Rotation System Capacity

- 150,000 square feet conditioned with a single system
- Up to 6,250 MBH per heating system
- Up to 450 tons per cooling system (cooling and humidity control)
- Up to 170,000 CFM per system
- Full economizer capability, 0-100% outside air

Air-Rotation System Cooling Sources

- DX
- Chilled water/glycol
- Evaporative cooling
- Ammonia

Air-Rotation System Heating Sources

- Natural gas
- Propane
- #2 Oil or dual fuel
- Steam
- Hot water
- Electric coil
- Heat pump

Features

- ✓ Heavy 18-gauge painted galvanized panels for product longevity
- ✓ Structural steel welded frame construction
- ✓ Variety of filtration levels, with 30% pleated filters standard
- ✓ Stainless steel triple pitch condensate drain pan
- ✓ Thermostat with setback programming option
- ✓ 1 year parts warranty
- ✓ Insulated cabinet
- ✓ Ground mounted coils and filters for easy maintenance and cleaning
- ✓ Adjustable horizontal and vertical discharge louvers and turning vanes for maximum air distribution control
- ✓ Direct expansion or chilled water cooling coils
- ✓ Wiring in-factory for single-point connection
- ✓ Stringent factory test for operation and safety in a UL-approved and monitored test program
- ✓ Rear-fan failure light (double fan systems only)
- ✓ Non-fused motor disconnect switch, motor starter and overload protection
- ✓ Key-lock power and control panels (NEMA 1)
- ✓ Long lasting paint finish and hinged access door
- ✓ The ONLY UL listed Air-Rotation/air turnover system on the market
- ✓ Galvanized steel walkway for easy maintenance of coils, fans and motors
- ✓ Automatic and Manual High limit safety switches

Customization

- Factory Mount Controls
- Re-Heat (Gas, Condenser, EL)
- High Efficiency/Multi-Stage Filtration
- In-House Piping Capabilities
- Humidification/Dehumidification
- Airflow Measuring
- Direct Fired Heat
- Sound Attenuation Casing, Duct, Floor)
- DWDI/SWSI Fans
- Redundancy with Single Unit
- Direct Drive
- Access Platforms
- Air Blenders
- Double-wall construction
- Oil mist eliminators
- Bipolar ionizers
- Bacterial Control
- Custom Paint / SS Wash-Down / Façade
- Face/Bypass or IFB Coils