• Optional DDC Microprocessor Controls
• New Duct Connections
• Improved Door Design
• New Remote Panel and More
• Energy Recovery Ventilator Controls and Features Supplement

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Standard features

- **System Monitoring**
  - Integrated six line graphic LCD display
  - Keypad for on-site modification of configuration and set points
  - Standard with ModBus® communication for remote control monitoring
  - Standard sensors for Supply Air (SA) and Outside Air (OA) temperature
  - Temperature sensor for Outside Air After Wheel (OAAW) (Included on units with heating and cooling coils)
  - Occupied / Unoccupied status indicator
  - Heat / Cool mode indicator
- **Time Clock / Calendar Features**
  - Define Occupied / Unoccupied Times
  - Define Holiday Schedules
- **Cooling Coil Control**
  - Digital control of single or two stage compressors
  - Time delay on compressor restarts and stage changes
  - Analog control of chilled water valves (Water valves are included to ensure compatibility)
- **Heating Coil Control**
  - Multi-step or variable (SCR) control of electric heat
  - Analog control of hot water valves (Water valves are included to ensure compatibility)
- **Summer / Winter Changeover**
  - Automatic changeover based on outdoor conditions
  - Economizer Mode (Enabled based upon free cooling set points)

Options

- **Additional Communication Protocols**
  - LonWorks™ communication
  - BACnet® communication
- **Sensors**
  - Temperature Sensors:
    - Return Air (RA)
    - Exhaust Air After Wheel (EEAAW)
    - Outside Air After Cooling Coil (OAAWC)
  - Humidity Sensors:
    - Outdoor Air
    - Room Air
    - Supply Motor Current Sensor
    - Exhaust Motor Current Sensor
    - Rotation Sensor
    - Dirty Filter Sensor
    - Clogged Wheel Sensor
    - CO2 Sensor
    - Remote Interface Panel
    - Thermostat
    - Humidistat

**Remote Panel**

- Seven Day Programmable Timer
- Two Hour Spring Timer
- Indicator Lights
  - Rotation Sensor
  - Dirty Filter Sensor
  - Economizer Mode
  - Frost Control
- Three-Way (HOA) Switch
- Lighted On/Off Switch

**New ERV Options**

- Vapor Tight Lights
- VFD Controlled Blowers
- Filters up to MERV 11
- 3A Molecular Sieve Wheel

**Remote Panel** offers a multitude of new features and enhancements.

**DDC Microprocessor Controls**

**Improved Door Design**

1. New full frame design for better air and water seal
2. New “AHU Style” hinges with quick-release pins for easy door removal
3. New “AHU Style” handles for improved clamping force and easier operation
4. New access panel for microprocessor control
5. New heavy duty external interlocking disconnect

**Duct Connections**

- New: Top Connections
- New: Straight Thru
- Vertical
- Horizontal
- Combination

**New: Straight Thru Vertical Horizontal Combination**
The optional microprocessor control offers a multitude of new features and enhancements.

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**NEW ERV OPTIONS**
- Vapor Tight Lights
- VFD Controlled Blowers
- Filters up to MERV 11
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**DUCT CONNECTIONS**
- New: Top Connections
- New: Straight Thru
- Vertical
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- Combination

**DUCK CONNECTIONS**
- New: Top Connections
- New: Straight Thru
- Vertical
- Horizontal
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