### Skeletal Readout

**COOLING/HEATING WITH WATER COOLED SOLUTION**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>RX-25</td>
</tr>
<tr>
<td><strong>Supply Air</strong></td>
<td>4,500 CFM</td>
</tr>
<tr>
<td><strong>Exhaust Air</strong></td>
<td>4,500 CFM</td>
</tr>
<tr>
<td><strong>SA External Static</strong></td>
<td>15-2.2&quot; e.s.p.</td>
</tr>
<tr>
<td><strong>EA External Static</strong></td>
<td>15-2.2&quot; e.s.p.</td>
</tr>
<tr>
<td><strong>Supply Fan</strong></td>
<td>48 HP</td>
</tr>
<tr>
<td><strong>Exhaust Fan</strong></td>
<td>48 HP</td>
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</tbody>
</table>

**Cabinet Dimensions**

- **Cabinet Height**: 105.83"
- **Cabinet Width**: 62.99"
- **Cabinet Length**: 70.71"

**Rotary Wheel Sensible Efficiency**: 82.5%

**Return Air**

- **RA EWB Temp (F)**: 68°F
- **RA EDB Temp (F)**: 80°F

**After Wheel**

- **Return Air**
  - **50% RH**: 75°F db
  - **55°F db**: 54.5°F wb
  - **4% RH**: 90°F db

- **Supply Air**
  - **90% RH**: 75°F db
  - **106.6 gr/lb**: 105°F db
  - **5% RH**: 75°F db

**Electrical Specifiable Standards**:

- **Controls**: BACnet IP native and BTL Certified.
- **LEV-AHU Kit**: Accepts entering air temps down to 0 Deg F in Heat Pump operation.
- **Cooling Coil**: Minimum turndown of 7 – 15% based on Outdoor Unit selection.
- **Units**: Service accessible from one side, filters side loaded and seal against fixed frame on all four sides.
- **Factory Installed Controls**: Field configurable to achieve specified operating functions.
- **Enthalpy Wheel**: Stepper motor allowing speed control from 0.5 – 20 rpm. Unit controller manages rotor speed to optimize energy transfer, purge sector airflow, and avoid frosting.
- **ECM Motors**: Direct drive plenum fans, CFM airflow station on supply and return fans.

### Key Specifiable Features:

1. ECM Motors, direct drive plenum fans, CFM airflow station on supply and return fans.
2. Enthalpy wheel with 3 angstrom molecular sieve desiccant, energy recovery carry-over not exceeding 0.45% certified by a third-party test agency.
3. Enthalpy wheel shall have stepper motor allowing speed control from 0.5 – 20 rpm. Unit controller shall manage rotor speed to optimize energy transfer, purge sector airflow, and avoid frosting.
4. Unit shall include factory installed and tested controls, field configurable to achieve specified operating functions.
5. Controls shall maintain the airflow setpoint regardless of air density, filter loading, or ESP.
6. Controls shall be BACnet IP native and BTL Certified.
GOLD SYSTEM APPLICATION  MITSUBISHI ELECTRIC VRF

**Swegon IQLogic Controller**
Gold units include factory mounted and tested IQLogic controller to operate fans, energy recovery and integrate with Mitsubishi Electric systems. IQLogic offers BACnet, Johnson N2 and Modbus communications.

**PAC Panel**
Mitsubishi Electric PAC control panels included with GOLD unit and integrated with IQLogic controller. PAC controller communicates with condensing unit and Mitsubishi Electric System controller for seamless system integration.

**Mitsubishi Electric Condensing Unit**
Inverter based condensing unit(s) can be cooling only or heat pump. Air cooled and water cooled available with up to 17 EER based on AHRI 1230 test method. Fluid refrigerant piping connects condensing unit to DX coil in GOLD unit. LEV (linear expansion valve kit) included with Gold unit, ready for field installation.

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