40RM007-034, 40RMQ008-028
DIRECT-EXPANSION
AIR-HANDLING UNIT

— PERFORMANCE DATA
— CERTIFIED DIMENSION PRINTS
— FAN COIL ACCESSORY DIMENSION PRINTS
DESCRIPTION

The 40RM fan coil units are a completely packaged unit offering the ultimate in installation ease and flexibility. Combined with Carrier 38 Series condensing units these fan coils offer system capacities from 6 to 30 tons. These units may be installed in either the vertical or horizontal configuration with no modifications. Heating capability is provided by electric heaters, hot water coils, steam coils, or if heat pump application is called for, Carrier offers the 40RMQ units.

FEATURES

- Cleanable insulation treated with an anti-microbial agent.
- Sloped condensate pans.
- 2-in. filters.
- Powerful belt-driven forward curved fans.
- Factory-installed fan motor and contactor.
- Refrigerant metering device — factory-installed.
- Easy maintenance — removal of a single panel allows access to virtually all components.
- Single blower on 6 to 10 ton units; dual blower on 12 1/2 to 30 ton units.
- 24-volt terminal block for control wiring connection.
- Standard one-year warranty.

PERFORMANCE DATA

Total Cooling Capacity ____________________________ MBtuh
Sensible Cooling Capacity __________________________ MBtuh
Air Quantity ______________________________________ Cfm
Entering Air _________________ °F db _________________ °F wb
External Static Pressure_____________________________ in. wg
RPM __________, BHP ____________
Saturated Suction Temperature________________________ °F
Total Heating Capacity ____________________________ MBtuh

ELECTRICAL DATA

Power Supply _____________________ Volts, ___________ Phase, __________ Hz
MOCP __________________________ MCA __________________________

ACCESSORIES

- Subbase for Vertical Applications
- Free-Blow Discharge Plenum
- Return Air Grille Panel
- Overhead Suspension Brackets
- Two-Row Hot Water Coil
- One-Row Steam Distributing Coil
- Economizer
- Electric Heat _____________ Volts, ________________ kW
- CO₂ Sensor
- Programmable Thermostat
- Condensate Drain Trap
- UV-C Germicidal Lamps
CERTIFIED DIMENSION PRINT

<table>
<thead>
<tr>
<th>UNIT</th>
<th>UNIT WEIGHT (W/XX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40RM 014</td>
<td>870 lbs</td>
</tr>
<tr>
<td>40RM 015</td>
<td>695 lbs</td>
</tr>
<tr>
<td>40RM 024</td>
<td>580 lbs</td>
</tr>
<tr>
<td>40RM 014</td>
<td>661 lbs</td>
</tr>
<tr>
<td>40RM 015</td>
<td>677 lbs</td>
</tr>
<tr>
<td>40RM 024</td>
<td>603 lbs</td>
</tr>
<tr>
<td>40RM 015</td>
<td>713 lbs</td>
</tr>
<tr>
<td>40RM 024</td>
<td>720 lbs</td>
</tr>
</tbody>
</table>

Access for Controls, Motor & Belt

Duct Flange (See Note A)

Duct Flange (See Note C)

Access for Controls, Motor & Belt

Notes:
2. Dimensions are approximate, based on engineering judgment. Use in conjunction with manufacturer's data for final installation.
3. Air flow capacities are approximate and subject to change.
4. Local codes or jurisdictions may prevail.
5. See Note A for additional information.

Accessories
- Discharge Plenum 40RM 00097
- Economizer 40RM 01000
- Steam Coil 40RM 01000
- Hot Water Coil 40RM 01000
- Return Air Grille 40RM 00097
- Overhead Suspension 40RM 00097
- Sub-base 40RM 00097
- Electric Heat 40RM 01002

Dimensions:
- 1-1/4" x 1-1/2" (31.75)
- 1-1/2" x 1-1/2" (38.1)
- 1-1/2" x 1-1/4" (39.62)
- 1-1/4" x 1-1/2" (38.1)
- 1-1/2" x 1-1/4" (39.62)
- 1-1/4" x 1-1/2" (38.1)
- 1-1/2" x 1-1/4" (39.62)