Submittal Data

— PERFORMANCE DATA
— CERTIFIED DIMENSION PRINT
DESCRIPTION

38AUQ air-cooled heat pump split system units are easily connected by refrigerant lines and low voltage control wiring to matching Carrier 40RUQ packaged air-handling units or other suitable evaporator units. They are ideal for new construction or renovation applications where quality and performance are required.

STANDARD FEATURES

- Puron (R-410A) HFC refrigerant
- Single-stage cooling capacity control on 07-12 models.
- Single circuit two-stage cooling capacity control on 07, 08, 12 models
- Two-stage cooling capacity control on 16 and 25 models
- All models utilize Round Copper Tube/Aluminum Plate Fin (RTPF) condenser coil.
- Cooling operating range up to 125°F (52°C) and down to 35°F (2°C)
- Brass suction and liquid line service valves
- Fully Hermetic Scroll compressor with crankcase heater
- New terminal board facilitating simple safety circuit troubleshooting and simplified control box arrangement.
- 24-volt 75va control system.
- High pressure and loss of charge protection.
- UL or UL, Canada listed (07-14 models) applies to standard units; 575-volt units UL, Canada only.
- ETL listed (16-25 models)
- Suction line accumulator on each circuit

- Comfort Alert™ Diagnostic Board:
  - LED Go-No-Go and fault code
  - Built in time guard anti short cycle
  - Phase protection
  - Fault code retention logic
  - Low voltage compressor contactor protection
- Full perimeter base rails with built-in rigging adapters and fork truck slots.
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection.
- Direct drive permanently lubricated condenser fan motors.
- All units factory run tested.
- Compressors mounted on independent vibration isolators
- High Capacity filter drier shipped for each refrigerant circuit and field installation.
- Standard limited parts warranty,
  - 5-year compressor parts
  - 1-year condenser coil parts
  - 1-year parts
PERFORMANCE DATA

Operating Weight: ______________________ lbs

When used with indoor unit: ________________, the following combination ratings apply:

**Cooling** —
- Total Capacity: ______________________ Btuh
- Sensible Capacity: ______________________ Btuh
- Outdoor db: ______________________ °F
- Entering Indoor wb: ______________________ °F
- Indoor Unit CFM: ____________ @ in. wg ESP
- Power Input to Unit: ______________________ kW

**Heating** —
- Integral Capacity: ________ Btuh at _______ F db
- Power Input to Unit: ______________________ kW
- Indoor Entering Air db: ______________________ F dB
- High Temp: ______________________ COP

ELECTRICAL DATA

Power Supply to Unit _________________ Volts _____________ Phase _________________ Hz

Minimum Circuit Amps _________________ Maximum Overcurrent Protection ______________________

SUBMITTAL DATA

Job Name ________________________________

Architect ________________________________

Engineer ________________________________

Contractor ________________________________

OPTIONS AND ACCESSORIES

**FACTORY-INSTALLED OPTIONS (FIOPs)**
- E-Coated Condenser Coil
- Pre Coat Condenser Coil
- Motormaster® Low ambient head pressure controller, down to -20°F (-29°C)
- Non-fused disconnect
- Powered 115-volt convenience outlet
- Non-powered 115-volt convenience outlet
- Condenser hail guard - louvered style

**FIELD INSTALLED ACCESSORIES**
- Motormaster® Low ambient head pressure controller, down to -20°F (-29°C)
- Liquid Line Solenoid Valve
- Liquid Line Solenoid Valve Coil
- Filter Drier
- Sight Glass
- Condenser coil hail guard - louvered style
- Thermostats and thermostat accessories

**OPTIONAL WARRANTIES**
- Complete Unit Parts only up to 5 years
- Complete Unit Parts and Labor up to 5 years

Many other optional warranties are available. See the Commercial Start-Up and Optional Extended Warranty Price price pages for further information.
### CERTIFIED DIMENSION 38AUQ*07, 08, 12

<table>
<thead>
<tr>
<th>UNIT</th>
<th>ELECTRICAL CENTERLINE</th>
<th>CENTER A</th>
<th>CENTER B</th>
<th>CENTER C</th>
<th>CENTER D</th>
<th>CENTER OF GRAVITY</th>
<th>UNIT DECAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>38AUQ-01 (HCR)</td>
<td>259/260</td>
<td>-63.65/63.65</td>
<td>25/30</td>
<td>20/25</td>
<td>15/20</td>
<td>20/25</td>
<td>25/30</td>
</tr>
<tr>
<td>38AUQ-02 (HCR)</td>
<td>259/260</td>
<td>-63.65/63.65</td>
<td>25/30</td>
<td>20/25</td>
<td>15/20</td>
<td>20/25</td>
<td>25/30</td>
</tr>
<tr>
<td>38AUQ-03 (HCR)</td>
<td>259/260</td>
<td>-63.65/63.65</td>
<td>25/30</td>
<td>20/25</td>
<td>15/20</td>
<td>20/25</td>
<td>25/30</td>
</tr>
<tr>
<td>38AUQ-04 (HCR)</td>
<td>259/260</td>
<td>-63.65/63.65</td>
<td>25/30</td>
<td>20/25</td>
<td>15/20</td>
<td>20/25</td>
<td>25/30</td>
</tr>
</tbody>
</table>

**NOTES:**

1. **MINIMUM CLEARANCE (LOCAL CODES OR JURISDICTION MAY PREVAIL):**
   - **A. BOTTOM TO COMBUSTIBLE SURFACES:** 0 INCHES.
   - **B. OUTDOOR COIL, FOR PROPER AIR FLOW:** 36 INCHES.
   - **C. BETWEEN UNITS:** CONTROL BOX SIDE, 42 INCHES PER NEC.
   - **D. BETWEEN UNIT AND UNGROUNDED SURFACES:** CONTROL BOX SIDE, 36 INCHES PER NEC.
   - **E. BETWEEN UNIT AND BLOX OR CONCRETE WALLS:** 42 INCHES PER NEC.

2. **WITH EXCEPTION OF THE CLEARANCE FOR THE OUTDOOR COIL AS STATED IN NOTE 1B, A REMOVABLE FENCE OR BARRICADE REQUIRES NO CLEARANCE.**

3. **UNITS MAY BE INSTALLED ON COMBUSTIBLE FLOORS MADE FROM WOOD OR CLASS A, B OR C ROOF COVERING MATERIAL.**

**NOTE:** MCHX units are not currently available.