FEATURES

- Completely factory packaged
- Hermetically sealed scroll compressors
- Angled coils for hail protection
- Double wall construction
- Intertwined coil yields larger heat transfer surface
- Sloped, removable, drain pans
- Full factory charge of R-410A
- Mechanical cooling to 40°F
- Single power point connection
- Hi and low pressure/loss of charge switches
- ETL/cETL and CSA approval to applicable US and Canadian standards
- Powder paint to 1000 HR. ASTM B-117

FACTORY INSTALLED OPTIONS

SUPPLY AIR
- Constant Volume
- Variable Air Volume
- Inlet guide vanes
- Factory installed VFD
- Prewired to accept field supplied VFD
- Factory installed VFD with bypass

OUTDOOR AIR
- Adjustable outdoor air damper
- Economizer
- Dry bulb control
- Single input enthalpy control
- Dual input enthalpy control
- Low leak economizer seals
- Gas-fired heat exchanger (Model ___________, input capacity ___ MBH)
- Gas rate ___ MBH/FT²/HR
- Standard staged
- Modulating
- Stainless steel heat exchanger
- Phenolic coated condenser coil
- Phenolic coated evaporator coil
- Copper/copper condenser coil
- 2" Throwaway
- 2" 35% efficient
- 6" rigid (65%) efficient w/2" TA pref
- 6" rigid (95%) efficient w/2" TA pref
- Other
- Low ambient (0°F)
- Disconnect
- Without convenience outlet
- Hot gas bypass (standard w/VAV)
- Phenolic coated condenser coil
- Phenolic coated evaporator coil
- Copper/copper condenser coil
- 2" rigid (65%) efficient w/2" TA pref
- 6" rigid (95%) efficient w/2" TA pref

SUPPLY AIR BLOWER PERFORMANCE
- Total supply air___ CFM
- Total res. ext. to unit___ IWG
- Blower speed___ RPM
- Power output req.____ BHP
- Motor rating___ HP
- Motor efficiency___ High ___ Std
- Power input req.____ KW

EXHAUST AIR FANS PERFORMANCE (Optional)
- Total return air___ CFM
- Total res. ext. to unit (return air side)___ IWG
- Fan speed___ RPM
- Power output req.____ BHP
- Motor rating (EA.)___ HP (EA.)

ELECTRICAL DATA
- Power supply
- Total unit ampacity___ AMPS
- Minimum wire size—___ AWG ___ MCM
- Maximum fuse size___ AMPS

TOTAL UNIT WEIGHT
- Including factory-installed options___ LBS

DIMENSIONS
- Refer to drawing on reverse side

COOLING PERFORMANCE
- Total capacity ___ MBH
- Sensible capacity ___ MBH
- Outdoor design tmp. ___ °F DB/WB
- Total supply air ___ CFM
- Temp. of air entering evaporator coil ___ °F DB/WB
- Power input req. ___ KW

HEATING PERFORMANCE
- Refer to factory-installed options

TOTAL CAPACITY
- Sensible capacity
- Outdoor design temp.
- Total supply air
- Temp. of air entering evaporator coil
- Power input req.
FACTORY INSTALLED OPTIONS (CONTINUED)

- COPPER/COPPER EVAPORATOR COIL
- POWDER COATED STEEL DRAIN PAN
- STAINLESS STEEL DRAIN PAN
- RUBBER IN SHEAR ISOLATORS (SUPPLY DRIVE)
- 1" DEFLECTION SPRINGS (SUPPLY DRIVE)
- 2" DEFLECTION SPRINGS (SUPPLY DRIVE)
- FORWARD CURVE FAN
- CLASS I
- CLASS II
- AIRFOIL FAN (CLASS II) COOLING ONLY
- STANDARD CABINET
- PREMIUM CABINET
- RUBBER IN SHEAR ISOLATORS (SUPPLY DRIVE)
- 1" DEFLECTION SPRINGS (SUPPLY DRIVE)
- 2" DEFLECTION SPRINGS (SUPPLY DRIVE)

FIELD-INSTALLED ACCESSORIES

- TEMPERATURE SENSOR
- TEMPERATURE SENSOR WITH OVERRIDE BUTTON
- TEMPERATURE SENSOR WITH SETPOINT ADJUSTMENT AND OVERRIDE BUTTON
- TRANSPORTER
- SPACE CO2 SENSOR
- PHASE MONITOR KIT
- PARTIAL PERIMETER ROOF CURB
- BAROMETRIC RELIEF KIT
- (END RETURN MODELS ONLY)
- PROPANE CONVERSION KIT (GAS UNITS)
- HIGH ALTITUDE KIT (GAS UNITS)

CLEARANCES

<table>
<thead>
<tr>
<th>Location</th>
<th>Clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front</td>
<td>60°</td>
</tr>
<tr>
<td>Back</td>
<td>60°</td>
</tr>
<tr>
<td>Left Side (Filter Access)</td>
<td>60°</td>
</tr>
<tr>
<td>Right Side (Condenser Coil)</td>
<td>60°</td>
</tr>
<tr>
<td>Below Unit</td>
<td>60°</td>
</tr>
<tr>
<td>Above Unit</td>
<td>10° with 36” Maximum Horizontal Overhang (For Condenser Air Discharge)</td>
</tr>
</tbody>
</table>

1. Locate unit so that the vent air outlet hood is at least:
   - Three (3) feet above any forced air inlet located within 10 horizontal feet (excluding those integral to the unit)
   - Four (4) feet below, 4 horizontal feet from, or 1 foot above any door or gravity air inlet into the building
   - Four (4) feet from electric meters, gas meters, regulators and relief equipment.
2. Units (Applicable in U.S.A. only) may be installed on combustible floors made from wood or class A, B or C roof covering material.
3. Units may be installed outdoor. Overhanging structures or shrubs should not obstruct condenser air discharge outlet.

**Note:** A 1" clearance must be provided between any combustible material and the supply air ductwork for a distance of 3 feet from the unit. The products of combustion must not be allowed to accumulate within a confined space and recirculate.
For Cooling Only and All Heating Applications

NOTE: The above unit drawing (40 Ton Units) shows the 15" condenser extension dimension in the plan view. The base dimension stays the same on all models.

40 Ton Units
Rain Hood Projections
(after installation)

NOTES

REFER TO TECHNICAL GUIDE FOR THE LIST OF STANDARD FEATURES
ATTACHED ☐ NOT ATTACHED ☐