

CCH0055LBBCZA0000 - SUBMITTAL



| | | | |
|----------------|----------------|-------------------|------------|
| Project Name: | QUOTE R3852982 | Project Location: | CA |
| Quote ID: | R3852982 | Item #: | 1000 |
| Submitted For: | - | Submitted On: | 10/10/2025 |
| Submitted By: | Michal Kreft | Submitted From: | - |
| Identity #: | - | Tag: | - |

☐ For Record

☐ For Approval

By: _____

Date: _____

General Product Information

| | | | |
|------------------------|--------------|--------------------------|-----------------|
| Product Family: | HTS | Compressor Brand: | Copeland |
| Application: | Outdoor | Compressor Type: | Scroll |
| Temperature Range: | Low Temp | Compressor Hp: | 5.5 |
| Voltage: (Volts/Ph/Hz) | 208-230/1/60 | Compressor Model: | ZF15K4E-PFV-251 |
| Refrigerant Type: | R448A | Number of Compressor(s): | 1 |
| Piping: | Standard | Coil Type: | Microchannel |

Technical Information

Performance Data

| Ambient Temperature (°F) | Saturated Suction Temperature (°F) | Application Capacity* (BTU/H) | Altitude (ft) | AWEF Value |
|--------------------------|------------------------------------|-------------------------------|---------------|------------|
| 95 | -10 | 20,680 | 0 | 3.15 |

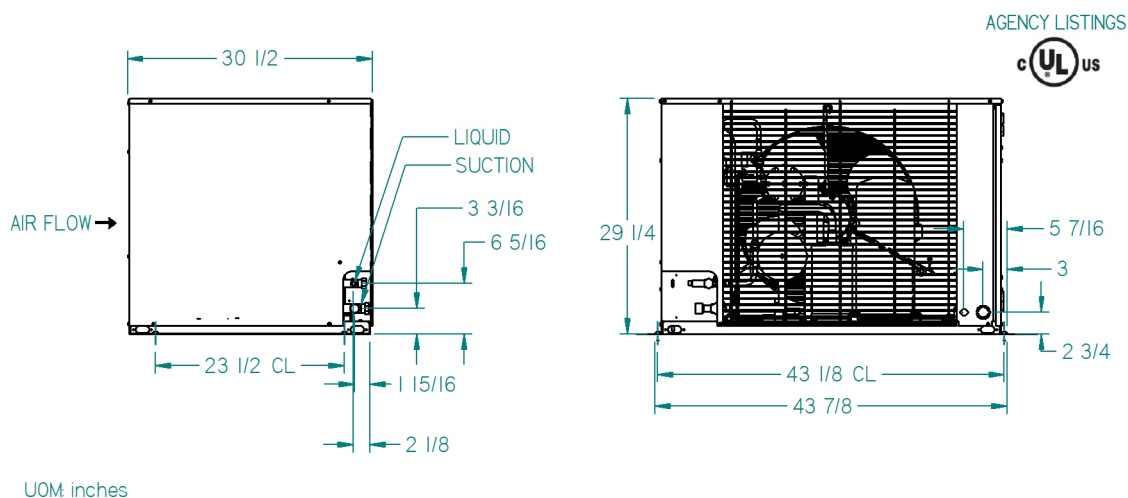
Electrical Data

| Compressor(s) | | Fan Motor(s) | | | Electric Ratings | | | | | | |
|---------------|-----|--------------|-----|-----|------------------|-------------------|----------------------|------|------|----------------|---------------------|
| RLA | LRA | Quantity | Hp | FLA | Defrost Type | High or Low Amps? | Number of Contactors | MCA | MOPD | Evap. Fan Amps | Defrost Heater Amps |
| 24.7 | 169 | 1 | 1/3 | 3.5 | AIR DEFROST | - | - | 34.3 | 50 | - | - |

Unit Specifications

| Connections (in.) | | Receiver 90% Full (lbs) | | Fan Blade(s) Diameter (in) | Sound Data (dB) | Approx. Net Weight (lbs) |
|-------------------|---------|-------------------------|------------|----------------------------|-----------------|--------------------------|
| Liquid Line | Suction | Standard | Over Sized | | | |
| 0.5 | 0.875 | 20 | 40 | 22 | 64 | 338 |

Dimensional Drawing(s)



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Standard Features

CABINET AND CONSTRUCTION

- MICROCHANNEL COIL TECHNOLOGY STANDARD ON ALL UNITS
- PAINTED STEEL CABINETS FOR SUPERIOR STRENGTH AND CORROSION PROTECTION
- HEAVY DUTY, STEEL, 1-1/2" TALL BASE

SERVICEABILITY

- SUCTION SERVICE VALVES FOR HERMETIC AND SCROLL COMPRESSORS LOCATED OUTSIDE THE CABINET FOR QUICK INSTALLATIONS.
- RECEIVER WITH FUSIBLE PLUG, LIQUID SHUTOFF VALVE AND CHARGING PORT IS STANDARD
- LARGE ELECTRICAL PANEL FOR EASE OF ACCESS
- PREFABRICATED WIRING HARNESSSES FOR TIGHT CRIMP CONNECTIONS AND CONSISTENT LABELING
- UNIT STAYS ON IF THE HOOD IS REMOVED FOR SERVICING
- SIGHT GLASS IS EASILY VIEWABLE

QUALITY

- ALL UNITS ARE COMPLETELY LEAK TESTED IN A HELIUM ENVIRONMENT, BUMP TESTED AND ALLOWED TO CYCLE OFF ON THE HIGH AND LOW PRESSURE CONTROL. EACH UNIT HAS A COPY OF THE RUN DATA SHIPPED INSIDE THE ELECTRICAL PANEL
- ELECTRICAL CIRCUITS ARE COMPLETELY CHECKED FOR CONTINUITY
- PIPING IS LAID OUT TO MINIMIZE STRESS AND VIBRATION AND IS PRE-BENT TO ELIMINATE LEAKS
- ENCAPSULATED, AUTO-RESET, HIGH AND LOW PRESSURE CONTROLS TO ELIMINATE LEAKS (ADJUSTABLE LOW PRESSURE CONTROL STANDARD)

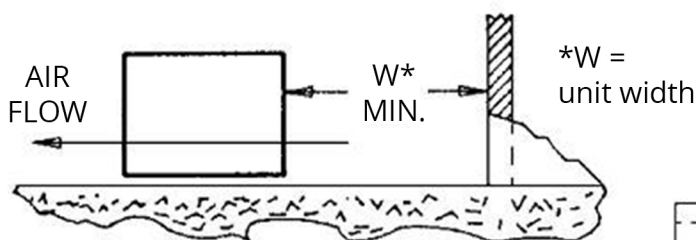
Options

Mounted Options

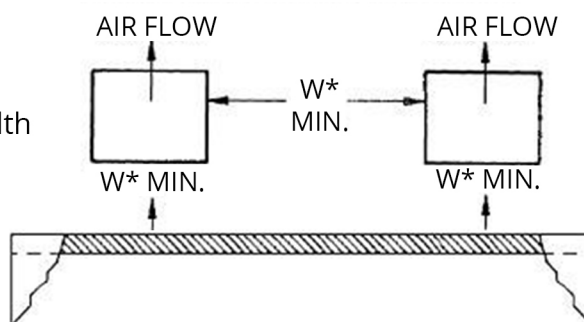
- BRAND LABEL OPTION - CLIMATE CONTROL
- Pressure Options - ADJUSTABLE LOW - FIXED HIGH
- Crankcase Heater - CRANKCASE HEATER
- Fused Disconnect - NO FUSED DISCONNECT
- Coil Selection - MICROCHANNEL COIL
- Liquid Line Options - FILTER DRIER AND SIGHT GLASS
- Discharge Line Options - HEAD PRESSURE VALVE 145#
- BASE LEG BRACKET OPTIONS - None
- COMPLIANCE - DOE COMPLIANT
- Defrost Timer Options - NO TIMER
- Motor - FIXED SPEED EC
- Phase Loss Monitor - NONE
- Cabinet Selection - Painted
- Receiver Options - STANDARD
- Suction Line Options - SUCTION TUBE ONLY
- PRE-CHARGE OPTIONS - None
- HAIL GUARD - None

Minimum Unit Clearances

Walls or Obstructions for Horizontal Air Flow



Multiple Units with Horizontal Air Flow



Notes

* Capacities shown are Application Capacities reflecting nominal operation at 10°F TD. For models within the scope of the DOE AWEF (Annual Walk-in Energy Factor) standard, the Net Capacity is determined by the AHRI 1250 test method. DOE will publish this compliance data at www.regulations.doe.gov

*Only refrigerants in compliance with New York state regulations can be used in the state of New York.