



Project Name:	QUOTE R3852982	Project Location:	CA
Quote ID:	R3852982	Item #:	1000
Submitted For:	-	Submitted On:	10/09/2025
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:	ZSCR
Temperature Range:	Medium Temp	Compressor Hp:	2.7
Voltage: (Volts/Ph/Hz)	208-230/1/60	Compressor Model:	ZS20KAE-PFV
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	25	24,950	0	7.6

Electrical Data

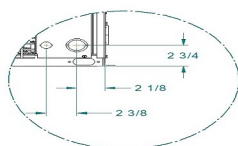
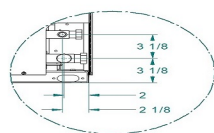
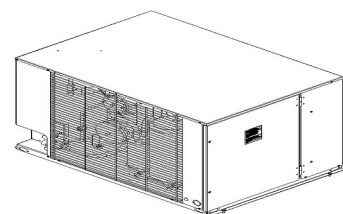
Compressor(s)		Fan Motor(s)			Electric Ratings						
RLA	LRA	Quantity	Hp	FLA	Defrost Type	High or Low Amps?	Number of Contactors	MCA	MOPD	Evap.Fan Amps	Defrost Heater Amps
17.8	88	1	1/3	3.5	AIR DEFROST	-	-	25.7	40	-	-

Unit Specifications

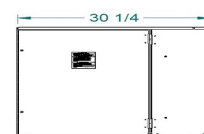
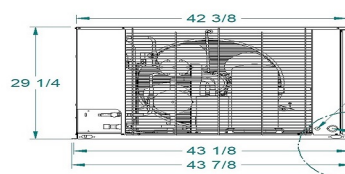
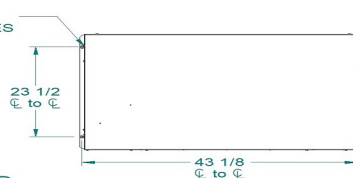
Connections (in.)		Receiver 90% Full (lbs)		Fan Blade(s) Diameter (in)	Sound Data (dB)	Approx. Net Weight (lbs)
Liquid Line	Suction	Standard	Over Sized			
1/2	7/8	20	40	-	63	305

Dimensional Drawing(s)

AGENCY LISTINGS



Ø 3/8
(4) PLACES



- 1/2 X 1 K.O.

3/4 X 1 K.O.

DETAIL A

DETAIL B

AIR
FLOW

— Liquid

— Suction

UOM : IMPERIAL

CCH0027MBACZA0000 - SUBMITTAL



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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)

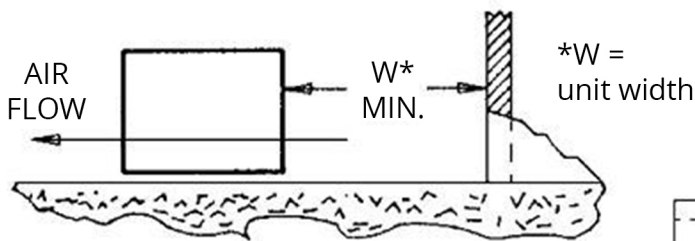
Options

Mounted Options

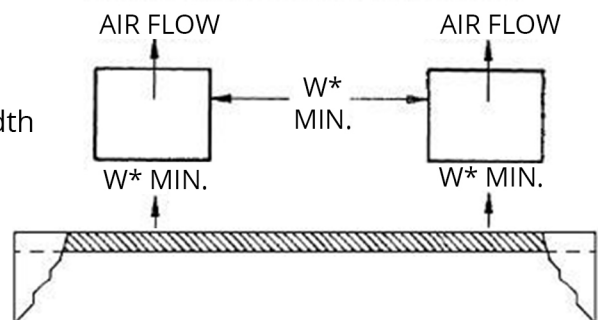
- BRAND LABEL OPTION - CLIMATE CONTROL
- Pressure Options - ADJUSTABLE LOW - FIXED HIGH
- Crankcase Heater - CRANKCASE HEATER
- Fused Disconnect - NO FUSED DISCONNECT
- Coil Selection - MICROCHANNEL COIL
- Liquid Line Options - FILTER DRIER AND SIGHT GLASS
- Discharge Line Options - HEAD PRESSURE VALVE 150#
- BASE LEG BRACKET OPTIONS - None
- COMPLIANCE - DOE COMPLIANT
- Defrost Timer Options - NO TIMER
- Motor - PSC
- 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.