

# CCH0075MEACZA0000 - 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:	HCU	Compressor Brand:	Copeland
Application:	Outdoor	Compressor Type:	Scroll
Temperature Range:	Medium Temp	Compressor Hp:	7.5
Voltage: (Volts/Ph/Hz)	575/3/60	Compressor Model:	ZB66K5E
Refrigerant Type:	R448A	Number of Compressor(s):	1
Piping:	Standard	Coil Type:	Standard Round Tube

## Technical Information

### Performance Data

Ambient Temperature (°F)	Saturated Suction Temperature (°F)	Application Capacity* (BTU/H)	Altitude (ft)	AWEF Value
95	25	78,590	0	7.6

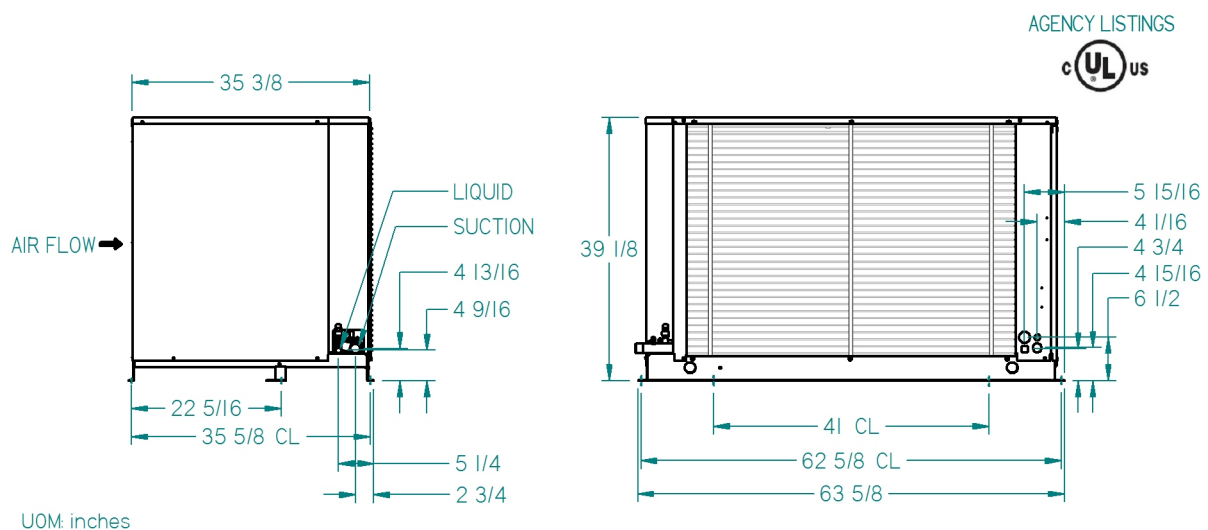
### Electrical Data

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
12.8	80	2	1/3	1.2	AIR DEFROST	-	-	20	30	-	-

### 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			
0.625	1.375	67	78	22	80	813

### Dimensional Drawing(s)



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## Standard Features

### QUALITY AND PERFORMANCE

- ALL JOINTS ARE SWEAT TYPE CONNECTIONS, NO MECHANICAL JOINTS TO LEAK
- FIXED HIGH PRESSURE SWITCH ELIMINATES CAPILLARY TUBES
- PIPING IS LAID OUT TO MINIMIZE STRESS AND VIBRATION AND IS PRE-BENT TO ELIMINATE BRAZE JOINTS WHERE POSSIBLE TO REDUCE LEAK POTENTIAL
- PRESSURE RELIEF VALVE ON RECEIVER
- REFRIGERATION DUTY, RIFLED COPPER CONDENSER TUBING
- SEPARATE SUBCOOLING CIRCUIT IN CONDENSER FOR ADDED CAPACITY AND VAPOR FREE LIQUID
- SERVICEMATE™ DIAGNOSTIC MODULE STANDARD ON ALL NON-BEACON™ CONDENSING UNITS
- SIGHT GLASS IS EASILY VIEWABLE

### SERVICEABILITY

- CONVENIENT ACCESS PANELS TO EASILY SERVICE INTERNAL COMPONENTS
- LARGE ELECTRICAL PANEL TO FACILITATE EASE OF ACCESS
- MANUAL PUMPDOWN SWITCH ON ALL UNITS

### COMPONENTS

- RECEIVERS ARE SIZED FOR SUFFICIENT PUMPDOWN CAPACITY WITH INLET AND OUTLET SERVICE VALVES
- SIGHT GLASS AND PERMANENT LINE FILTER

### CABINET AND CONSTRUCTION

- ALL UNITS FEATURE THE FLOATING TUBE™ COIL DESIGN WHICH ELIMINATES TUBE SHEET LEAKS
- PAINTED STEEL CABINET FOR SUPERIOR STRENGTH AND CORROSION RESISTANCE

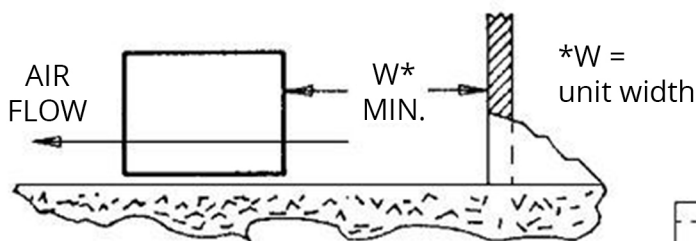
## Options

### Mounted Options

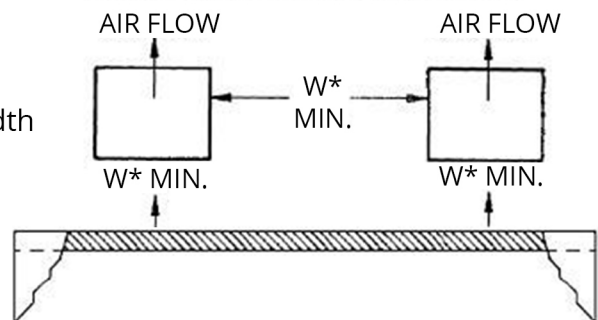
- BRAND LABEL OPTION - CLIMATE CONTROL
- Coil Selection - ALUMINUM FIN - COPPER TUBE
- Crankcase Heater - CRANKCASE HEATER
- Defrost Timer Options - NO TIMER
- FAN CYCLING OPTIONS - NO FAN CYCLING
- Phase Loss Monitor - NONE
- Receiver Options - STANDARD
- DEMAND COOLING OPTIONS - NO
- Motor - PSC
- Cabinet Selection - Painted
- COMPLIANCE - DOE COMPLIANT
- Electric Box Options - STANDARD EBOX
- Discharge Line Options - HEAD PRESSURE VALVE 150#
- Liquid Line Options - FILTER DRIER AND SIGHT GLASS
- Pressure Options - ADJUSTABLE LOW - FIXED HIGH
- Suction Line Options - SUCTION TUBE ONLY
- Fused Disconnect - NO FUSED DISCONNECT
- Compressor Unloading Option - NO COMP UNLOADING

## 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](http://www.regulations.doe.gov)

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