



Project Name:	QUOTE R3469584	Project Location:	US
Quote ID:	R3469584	Item #:	3000
Submitted For:	-	Submitted On:	01/21/2025
Submitted By:	-	Submitted From:	-
Identity #:	-	Tag:	-

 For Record For Approval

By: _____ Date: _____

General Product Information

Product Family:	HCU
Application:	Outdoor
Temperature Range:	Low Temp
Voltage: (Volts/Ph/Hz)	575/3/60
Refrigerant Type:	R448A
Piping:	Standard

Compressor Brand:	Copeland
Compressor Type:	Scroll
Compressor Hp:	7.5
Compressor Model:	ZF25K4E
Number of Compressor(s):	1
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	-22.0	23,758	0	3.15

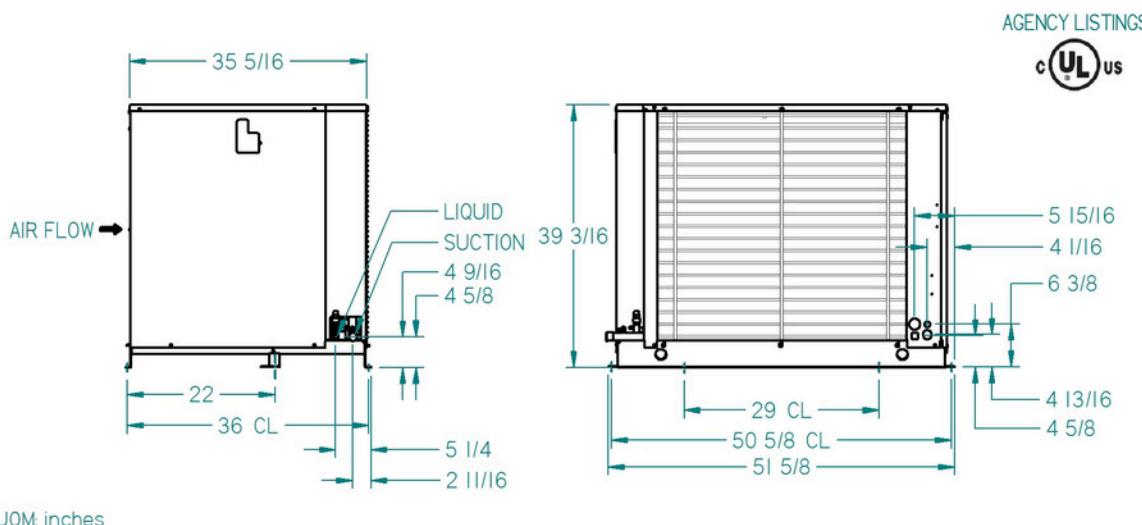
Electrical Data

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
8.1	82	1	1/3	1.2	AIR DEFROST	-	-	15	15	-	-

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	1.125	28	52	22	82	671

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

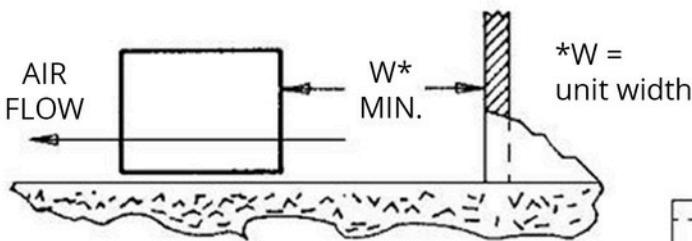
Options

Mounted Options

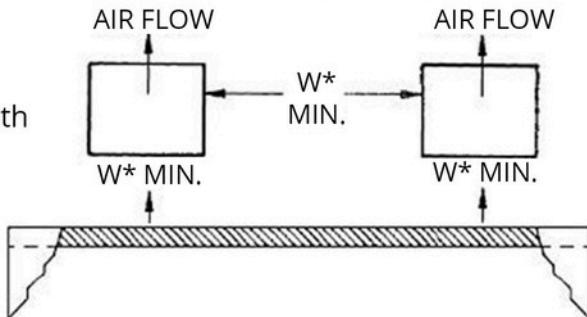
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|--|--|
| • Brand Label - CLIMATE CONTROL | • Motor - FIXED SPEED EC |
| • Coil Selection - ALUMINUM FIN - COPPER TUBE | • Receiver Options - STANDARD W/ LOW AMBIENT KIT (HEATED/INSULATED RECEIVER & LOW PRESSURE BYPASS TDR) |
| • Defrost Timer Options - NO TIMER | • Liquid Line Options - FILTER DRIER AND SIGHT GLASS |
| • Suction Line Options - FILTER AND ACCUMULATOR | • Discharge Line Options - HEAD PRESSURE VALVE 100# |
| • Cabinet Selection - Painted | • Fused Disconnect - NO FUSED DISCONNECT |
| • Pressure Options - ADJUSTABLE LOW - FIXED HIGH | • Crankcase Heater - CRANKCASE HEATER |
| • Phase Loss Monitor - NONE | • Hail Guard Factory Installed - NONE |
| • Electric Box Options - STANDARD EBOX | • Fusing OPTIONS - NO |

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