



## General Product Information

Product Family:	CEC	Motor type	2 SPEED EC
Defrost Type:	Air	Number of Fans:	4
Voltage: (Volts/Ph/Hz)	115/1/60	Fan HorsePower	1/20
Refrigerant Type:	R448A	Fins per Inch	7

## Technical Information

### Performance Data

Capacity			Air Flow				Altitude (ft)	AWEF Value	
TD (°F)	SST (°F)	Application Capacity* (BTU/H)	CFM	Fan Diameter (in.)	Air Throw (ft)			Cooler > 32	Freezer <= 32
					Standard	w/Collar			
10	25	24,700	2440	12	-	-	0	9	N/A

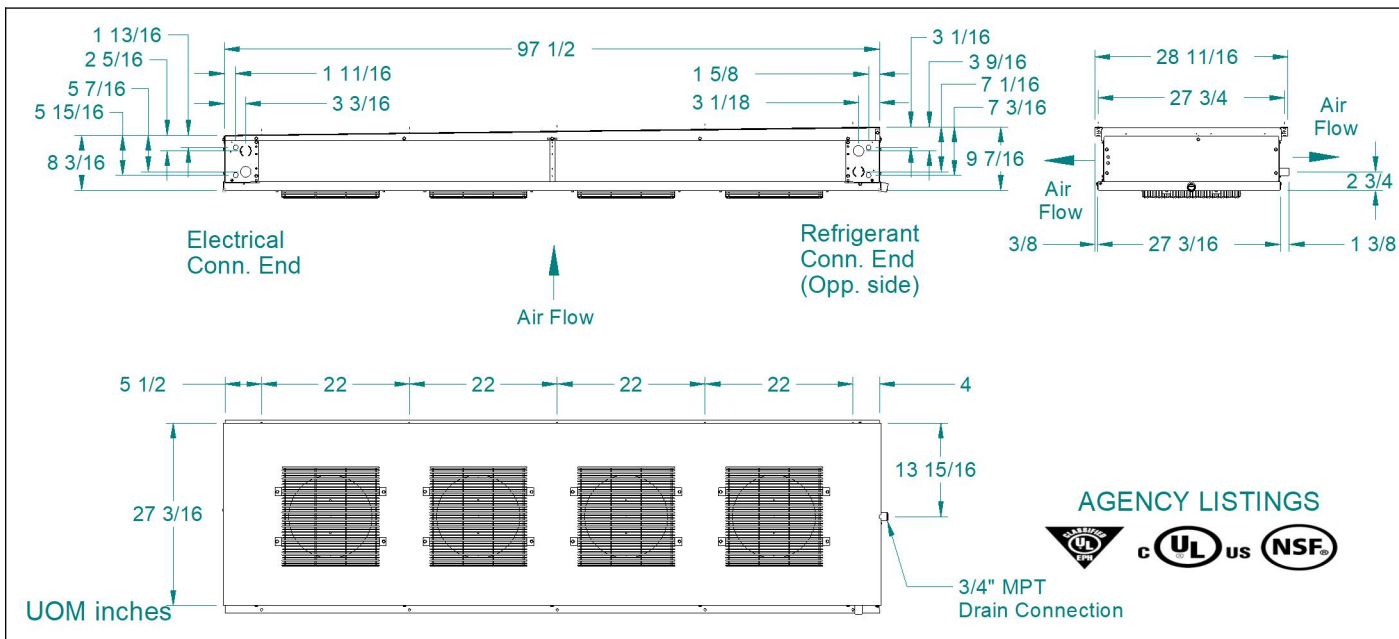
### Electrical Data

Fan Motor(s)		Defrost Heater(s)		Drain pan Heater(s) HG	
Watts	Amps	Watts	Amps	Watts	Amps
148	3.36	-	-	-	-

### Unit Specifications

Connections (in.)						Approx. Net Weight (lbs)
Coil Inlet	Suction	External Equalizer	Drain	Side Port	Hot Gas Drain Pan	
1/2	1 - 1/8	0.25	0.75	-	-	179

### Dimensional Drawing(s)





## Standard Features

### CABINET

- AIR MOVES ACROSS THE CEILING IN BOTH DIRECTIONS PROVIDING EVEN AIR DISTRIBUTION THROUGHOUT THE COOLER
- COMPACT, CEILING MOUNT AND CENTER MOUNT DESIGN ALLOWS FOR SHELVEING AND STORAGE OF PRODUCT AROUND ALL WALLS
- HEAVY-GAUGE GRAINED ALUMINUM CABINET CLEANS EASILY AND LOOKS ATTRACTIVE
- CABINET DESIGN FEATURES IMPROVED ACCESS PANELS ON EACH END FOR EASY ACCESS TO ELECTRICAL AND REFRIGERATION COMPONENTS
- CAPTIVE STAINLESS STEEL SCREWS FOR EASY SERVICE WHICH PREVENT DROPPING/LOSS AND PREVENT RUST STREAKS OR STAINING
- IMPROVED WIRE MANAGEMENT AND ROUTING
- QUICK DISCONNECT, WATERPROOF PLUG AND RECEPTACLE FOR EACH MOTOR IN ALL MODELS
- MOLDED FAN GUARD IS MADE OF STRONG, DURABLE, NSF AND UL SANITATION RATED LIGHTWEIGHT AND DAMAGE RESISTANT PLASTIC MATERIAL
- LIQUID LINE SOLENOID WIRE HARNESS IS FACTORY-INSTALLED FOR QUICK INSTALLATION

### DRAIN PAN

- HINGED DRAIN PAN FOR FASTER, EASIER AND SAFER ACCESS AND SERVICEABILITY
- TAPERED MOUNTING PROVIDES PROPER SLOPE FOR CONDENSATE DRAINAGE TO ONE END OF THE UNIT
- DOUBLE DRAIN PAN ELIMINATES DRAIN PAN SWEATING

### CONTROLS OPTIONS

- INTELLIGENT™ REFRIGERATION CONTROLLER (IRC) UNITS COME WITH A FACTORY MOUNTED CONTROLLER, TESTED AND CALIBRATED WITH AN ELECTRONIC EXPANSION VALVE, PRESSURE TRANSDUCER, TEMPERATURE SENSORS, CONTROL BOARD AND USER INTERFACE.
- STANDARD FEATURES INCLUDE DOOR SENSOR, PRODUCT LOAD INPUT AND ALARM OUTPUT.
- OPTIONAL FACTORY OR FIELD INSTALLABLE INTELLIGENT WEBSERVER CARD (IWC) ENABLES LOCAL AND REMOTE MONITORING ON ANY PHONE, TABLET OR PC.
- OPTIONAL FACTORY OR FIELD INSTALLABLE INTELLIGENT INTEGRATION CARD (IIC) ENABLES CONNECTIVITY TO BACNET AND MODBUS.
- QUICK RESPONSE CONTROLLER UNITS COME FACTORY MOUNTED WITH AN ELECTRONIC EXPANSION VALVE, PRESSURE TRANSDUCER, TEMPERATURE SENSORS AND CONTROL BOARD.
- BEACON II™ UNITS COME FACTORY MOUNTED WITH AN ELECTRONIC EXPANSION VALVE, PRESSURE TRANSDUCER, TEMPERATURE SENSORS AND CONTROL BOARD.

### COIL

- HIGH-EFFICIENCY ALUMINUM FINS WITH FULL COLLARS COVER MECHANICALLY EXPANDED COPPER TUBES
- COILS ARE DEHYDRATED AND SEALED AT THE FACTORY
- ELECTRIC DEFROST MODELS INCORPORATE HIGH QUALITY TUBULAR HEATERS AND A STANDARD FIXED DEFROST TERMINATION THERMOSTAT
- GENEROUS COIL SURFACE GIVES PROPER COMPRESSOR BALANCE
- STANDARD ADJUSTABLE DEFROST TERMINATION FAN DELAY THERMOSTAT
- INTERNALLY ENHANCED TUBING AND FIN DESIGN FOR HIGHER EFFICIENCY
- OPTIMIZED HEATER PLACEMENT WITH REDUCED HEATER WATTAGES
- FIXED DEFROST TERMINATION FOR ELECTRIC, ADJUSTABLE DEFROST TERMINATION FOR HOT GAS

### MOTORS

- MOTOR RAIL IS DESIGN FOR MAXIMUM STRENGTH AND DURABILITY
- MOTORS ARE LIFE LUBRICATED AND THERMAL OVERLOAD PROTECTED
- 2 SPEED EC MOTORS ARE FACTORY-INSTALLED

### OTHER OPTIONS

- FACTORY INSTALLED MOUNTED COMPONENTS ARE AVAILABLE IN THESE CONFIGURATIONS:
- PRE-ASSEMBLED UNITS AVAILABLE WITH MOUNTED TXV, LIQUID LINE SOLENOID VALVE AND ROOM THERMOSTAT
- MOUNTED TXV
- MOUNTED TXV AND SOLENOID VALVE
- UNITS AVAILABLE WITH STAINLESS STEEL HOUSING AND DRAIN PAN
- AIR DEFROST UNITS ARE AVAILABLE WITH VARIOUS COIL COATINGS OPTIONS

## Options

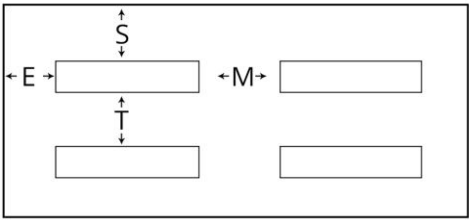
### Mounted Options

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|---------------------------------|-------------------------------------|
| • Cabinet Type - Stucco         | • Coil Mechanical Option - Standard |
| • Controller Option - None      | • Drain Pan Defrost Type - None     |
| • Drain Pan Type - Stucco       | • DTFD Option - None                |
| • Fan Blade - Standard          | • Fan Guard - Blue                  |
| • Coil Fin Material - Aluminium | • Hot Gas External Piping - None    |
| • UC Solenoid Voltage - None    |                                     |

## Minimum Unit Clearances

Recommended Maximum - Minimum Dimensions for Center Mount Unit Cooler Installations

<b>E:</b> Max.: 25'   Min.: 2'	<b>S:</b> Max.: 20'   Min.: 3'	<b>M:</b> Max.: 40'   Min.: 3'	<b>T:</b> Max.: 40'   Min.: 6'
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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)