LCE643BEG6B - SUBMITTAL

Project Name:		Project Location:	
Quote ID:		Item #:	1000
Submitted For:		Submitted On:	
Submitted By:		Submitted From:	
Identity #:		Tag:	

☐ For Record ☐ For Approval By:_____ Date:_____

General Product Information

Product Family:	LCE6	Motor type	EC
Defrost Type:	Electric	Number of Fans:	1
Voltage: (Volts/Ph/Hz)	208-230/1/60	Fan HorsePower	1/15
Refrigerant Type:	R404A	Fins per Inch	6

Technical Information

Performance Data

Capacity			Air Flow				Altitude (ft)	AWEF Value
TD (°F)	SST (°F)	Capacity (BTU/H)	CFM	Fan Diameter (ft)	Air Throw (ft)			
					Standard	w/Collar		
10	-20.0	4,300	650	12			0	N/A

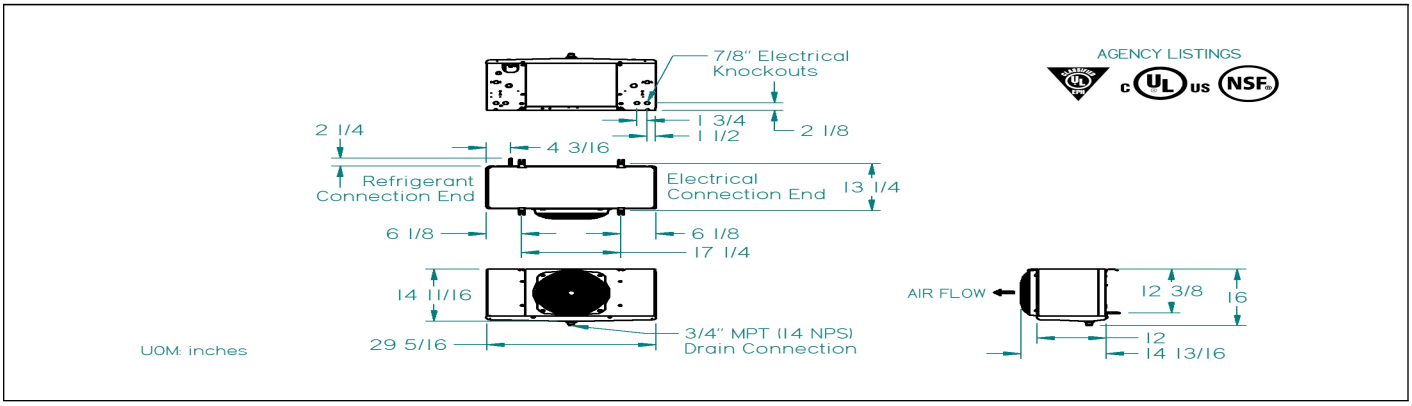
Electrical Data

Fan Motor(s)		Defrost Heater(s)		Drain Pan Heater(s)	
Watts	Amps	Watts	Amps	Watts	Amps
59	0.6	900	3.9		

Unit Specifications

Connections (in.)						Approx. Net Weight (lbs)
Coil Inlet	Suction	External Equalizer	Drain	Side Port	Hot Gas Drain Pan	
1/2	5/8	1/4	3/4			29

Dimensional Drawing(s)



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Standard Features

EASE OF INSTALLATION & SERVICE

- ALL ELECTRICAL COMPONENTS FACTORY WIRED TO TERMINAL BOARD AND IDENTIFIED, MAKING IT EASY TO FIELD WIRE THE UNIT
- CABINET DESIGN FEATURES FRONT ACCESS PANELS ON EACH SIDE FOR EASY ACCESS TO ELECTRICAL AND REFRIGERATION COMPONENTS
- COIL HEATER SLOTS HAVE BEEN ENLARGED FOR EASIER INSTALLATION AND REPLACEMENT
- LIQUID LINE SOLENOID WIRE HARNESS IS FACTORY-INSTALLED FOR QUICK INSTALLATION
- MOTORS PLUG INTO WIRING HARNESS FOR EASIER SERVICING
- ON 4-6 FAN MODELS, DRAIN PAN HAS A LANYARD FOR EASY AND SAFE ACCESS
- PRE-DRILLED HOLES ON THE BACK OF THE UNIT FOR ROOM THERMOSTAT

RELIABLE & DURABLE

- ATTRACTIVE WHITE CABINET
- MOLDED FAN GUARD DESIGN MADE OF STRONG PLASTIC MATERIAL
- SWEAT CONNECTIONS TO REDUCE POTENTIAL FOR LEAKS

PERFORMANCE

- EXTENDED DRAIN PAN HEATERS FOR MORE UNIFORM DEFROST THROUGHOUT THE DRAIN PAN AND ADDITIONAL HEAT IN END COMPARTMENTS
- FIXED DEFROST TERMINATION FOR ELECTRIC
- INTERNAL PANELS ARE ISOLATED FOR QUIET OPERATION
- INTERNALLY ENHANCED TUBING AND FIN DESIGN FOR HIGHER EFFICIENCY
- REDUCED HEATER WATTAGES

VERSATILE

- LARGE DIAMETER DRAIN HOLE (3/4" ID) IS LOCATED ON THE BACK OF THE UNIT
- MINIMAL HEIGHT OF THE LOW PROFILE SERIES MAKES IT IDEAL FOR LOW CEILING COOLERS

IRC (INTELLIGEN REFRIGERATION CONTROLLER) COMPONENTS

- 24-VOLT TRANSFORMER, 24-VOLT COMPRESSOR CONTACTOR, LOW PRESSURE TIME DELAY SWITCH, AND SUCTION PRESSURE TRANSDUCER
- IRC (INTELLIGEN REFRIGERATION CONTROLLER) BOARD WITH OLED DISPLAY AND USER INTERFACE
- ELECTRONIC EXPANSION VALVE THAT CLOSES AUTOMATICALLY ON LOSS OF POWER
- THREE TEMPERATURE SENSORS (DEFROST TEMP, SUCTION TEMP, ROOM TEMP)

ELIMINATED COMPONENTS

- DEFROST AND FAN CONTACTORS
- DEFROST TERMINATION/FAN DELAY SWITCH
- DEFROST TIME CLOCK
- LIQUID-LINE SOLENOID VALVE
- ROOM THERMOSTAT
- THERMAL EXPANSION VALVE

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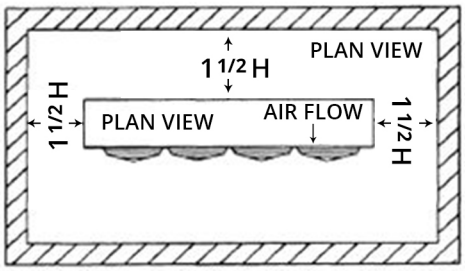
Options

Mounted Options

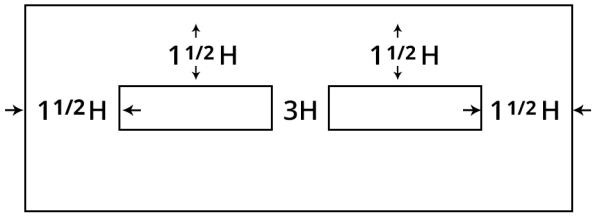
- Brand Label - LARKIN
- Coil Coating - Aluminum
- Fan Guard Selection - Blue Plastic Guard
- Packaging Options - Carton
- Drain Pan Options - Single Wall Aluminum White
- intelliGen Refrig Ctrl Options - IRC WITH USER INTERFACE
- Coil Mechanical Option - EEV
- Fan Blade Selection - Standard Fan Blade
- Cabinet - White

Minimum Unit Clearances



One Evaporator

NOTE:
H =Total Height evaporator coil surface.



Two Evaporators