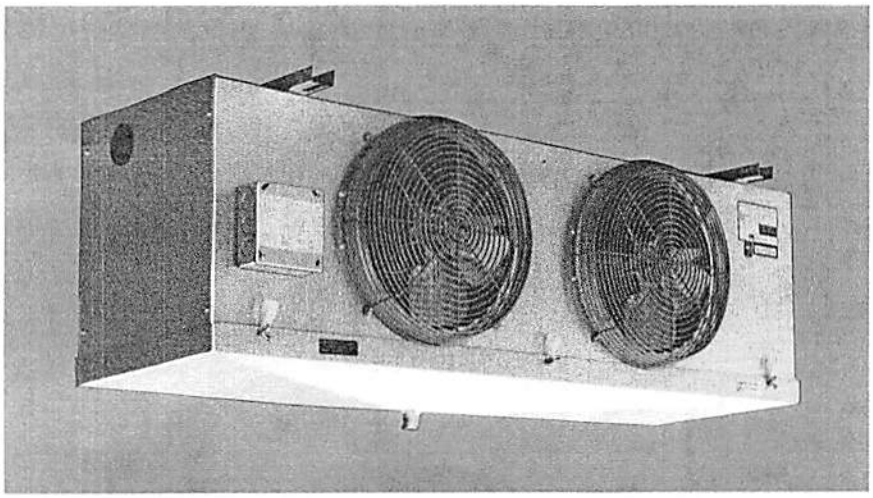


UNIT COOLER

SLE

SLIM LINE

TECHNICAL BULLETIN 9205

- ELECTRIC DEFROST -

APPLICATION: WALK-IN FREEZER - BELOW 34°F

- Efficient easy to service low profile design.
- Dependable units for below freezing temperature
- Higher capacity for a more compact size.
- Creative engineering design for an all purpose evaporator for walk-in freezer
- All aluminum stucco, rust proof construction.
- All staggered design copper tubing with aluminum fins, spaced at 5 fins per inch.
- Adjustable defrost termination.
- Only 14" high; provides more head-room.
- Low noise level fan blades.
- 16 Watt, life lubricated motor with thermal overload, and plug-in harnesses.
- SLE Series is 208-230 volts standard, designed for R-502, R-22 and R-12.
- UL Listed, NSF approved.
- Tested @300 PSIG.
- When ordering specify refrigerant.
- Units with hot gas defrost available.
- All units are factory prewired to junction box with wires properly marked to connect to timer.

SPECIFICATIONS

MODEL NO.	BTU H. 10° T.D.	BTU H. 12° T.D.	CFM	FAN 10"	TOTAL MOTOR AMPS @230 V	CONNECTIONS LIQUID F.N.	CONNECTIONS SUCTION O.D.	F.P.I.	DEFROST HEATERS WATTS	DEFROST HEATERS AMPS @230 V	WEIGHT (LBS.)
SLE- 355	3550	4260	700	1	.55	1/2	5/8	5	1100	4.8	33
SLE- 580	5800	6960	1520	2	1.1	1/2	5/8	5	1900	8.3	53
SLE- 710	7100	8520	1400	2	1.1	1/2	5/8	5	1900	8.3	53
SLE-1065*	10650	12780	2100	3	1.65	1/2	7/8	5	2600	11.3	80
SLE-1420*	14200	17040	2800	4	2.2	1/2	7/8	5	3500	15.2	101
SLE-1775*	17750	21300	3500	5	2.75	1/2	1-1/8	5	4100	17.8	126
SLE-2130*	21300	25560	4200	6	3.3	1/2	1-1/8	5	4100	17.8	153

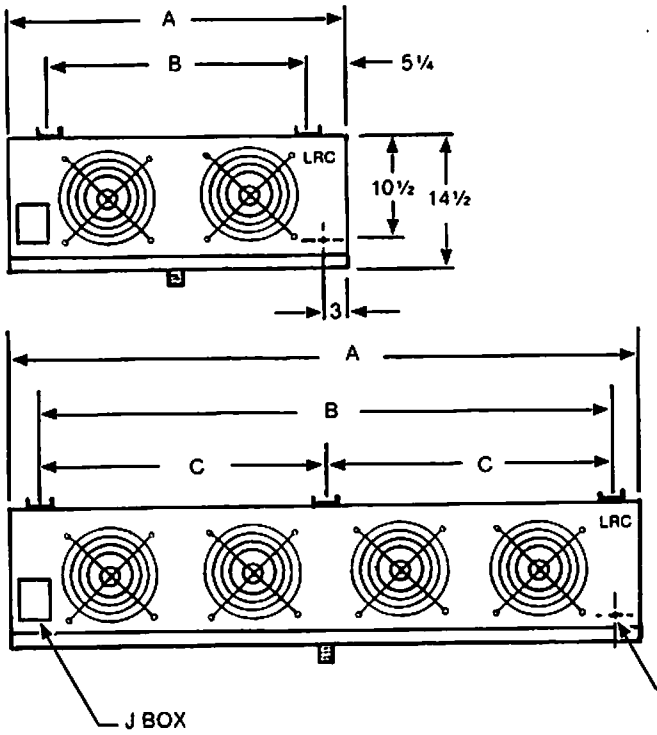
* Requires Externally Equalized T.X. Valve
Specifications subject to change without notice

CAPACITY CORRECTION FACTORS

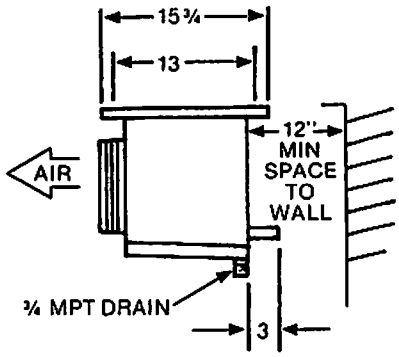
EVAP TEMP °F	−30	−20	−10	+10	+20
FACTOR	.85	.96	1.00	1.08	1.19

Multipy factor shown by ratings listed at Evap. Temperature

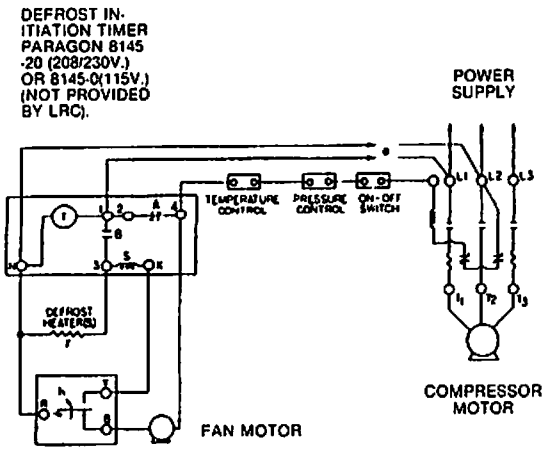
LRC COIL CO. 2014 BELGRAVE AVE., HUNTINGTON PARK, CA 90255
213-583-3187
FAX 213-583-2364



NO. FANS	DIMENSIONS (Inches) A	B	C
1	28½	18	—
2	45½	35	—
3	62½	52	—
4	79½	69	34½
5	96½	86	43
6	113½	103	51½



ELECTRIC DEFROST SYSTEM WITH ADJUSTABLE DEFROST DURATION AND FAN DELAY CONTROL.



1) Normal Refrigeration Condition
Solenoid "S" is not energized.
Timer contact "A" is normally closed.
Time control "B" is normally open.
Defrost termination control terminal "R" & "B" are making contact.
Defrost heater "F" is not energized.
Fan is operating continuously.
Compressor is operating on demand of the pressure control or temperature.

2) Defrost Condition
The electric clock starts defrosting automatically at period selected.
Timer contact "A" is opened mechanically and contact "B" is closed mechanically.
This shuts off the compressor and the fan motor and energizes the heater.
As the frost melts off the coil the temperature at the bulb of the defrost duration control reaches the termination setting (55°F). At that time the circuit is broken between "R" & "B" and is made between "R" and "Y".

3) Pull Down Condition
When "R" and "Y" makes, it energizes solenoid "S" which returns timer "A" and "B" control to original position. With "A" and "B" back to normal position, the electric defrost heater is turned off. The compressor operation is turned back to pressure or temperature control. Fan start up is delayed until the coil reaches the fan delay temperature set up (30°F) then "R" and "Y" breaks contact and "R" and "B" makes contact and the fan motor is back to normal refrigeration operation.
Fan delay prevents moist air from circulation into the refrigerated spaces and decreases the load on the compressor during the pull down period.