

• **LRPHPEE16 HIGH PERFORMANCE REFRIGERATED PRODUCE ISLAND MERCHANDISERS** •

Refrigeration Data:

MODEL	CASE LENGTH	CASE USAGE	CAPACITY (BTUH / FT)		EVAPORATOR (°F)	UNIT SIZING (°F)	DISCHARGE AIR		AVG. REF. CHARGE (LBS/FT)
			PARALLEL	CONVENTIONAL			TEMPERATURE (°F)	VELOCITY (FPM)	
LRPHPEE16	16'	PRODUCE	1,600*	1,700*	+26**	+24	+39	150***	0.43

* Capacity data listed for island cases without lighting. For sizing all refrigeration equipment other than TYLER, use conventional BTUH values.
 ** Evaporator temperature is defined as the saturated suction temperature leaving the case.
 *** Air velocity measured 1 hour after defrost at the center riser discharge air using an ALNOR JR. velometer with a scoop.

FOR SPECIFIC COMPRESSOR SIZING INFORMATION, REFER TO TYLER APPLICATIONS FOR RACK SYSTEM COMPRESSORS AND/OR THE COMPRESSOR MANUFACTURERS FOR SINGLE COMPRESSORS. FOR LINE SIZING INFORMATION, REFER TO THE MISCELLANEOUS SECTION "BUFF" IN THE TYLER SPECIFICATION GUIDE.

Electrical Data:

Fans & Heaters (120 Volt)

MODEL	CASE LENGTH	FANS / CASE	TOTAL FOR STANDARD FANS		TOTAL FOR ECM FANS		TOTAL FOR ANTI-SWEATS	
			AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
LRPHPEE16	16'	6	6	495.6	N/A	N/A	0.42	50

Defrost Data:

DEFROST TYPE*	DEFROSTS PER DAY	DURATION TIME (MIN)**	ELEK. THERMOSTAT / AIR SENSOR SETTINGS			EPR SETTINGS ***		CONVENTIONAL COMPRESSOR SETTINGS ****				DEFROST WATER (LB / FT / DAY)
			USAGE	CUT IN	CUT OUT	R22 (PSIG)	R404A (PSIG)	R22 (PSIG)		R404S (PSIG)		
TIME OFF								CUT-IN	CUT-OUT	CUT-IN	CUT-OUT	
	6	12	MED TEMP	35°F	33°F	50	64	48	36	62	48	TBD

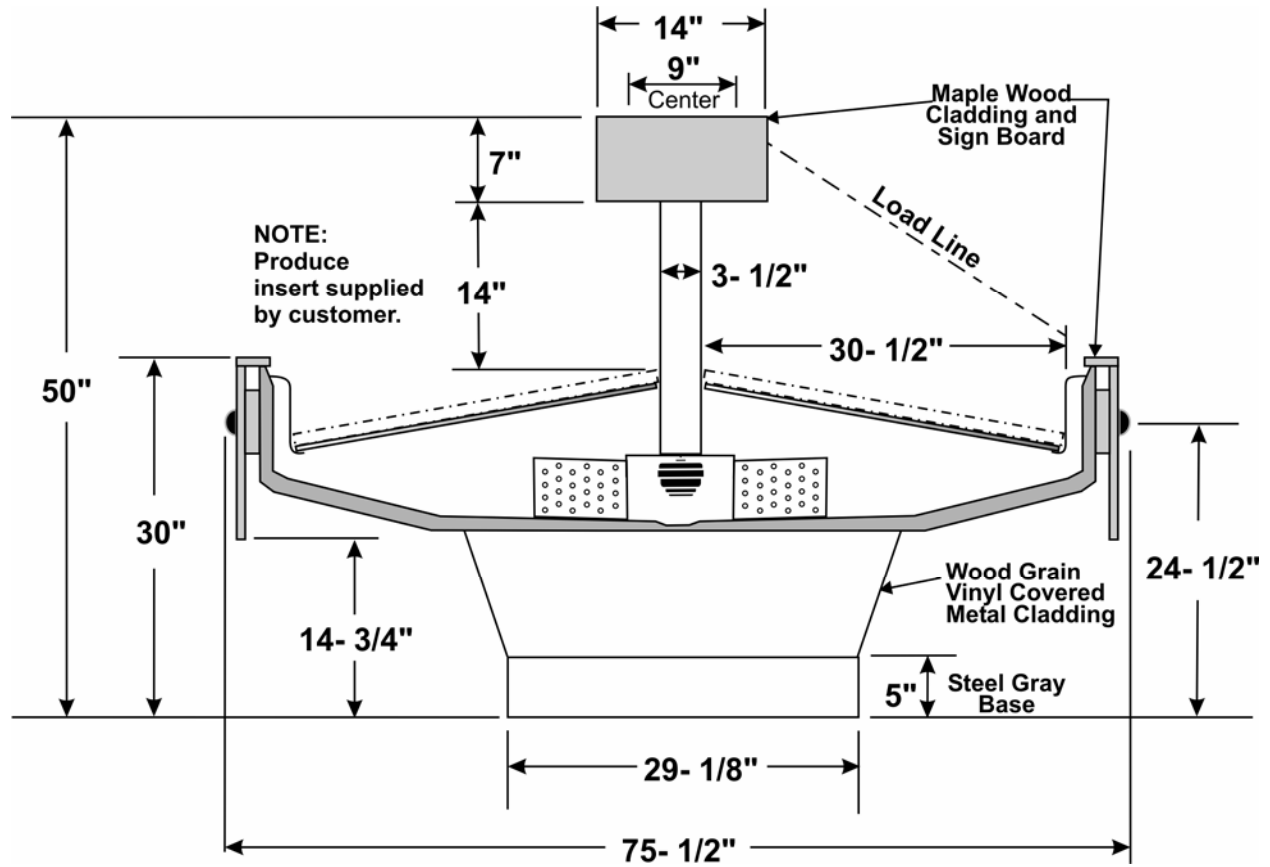
* All high performance cases use **OFF CYCLE** defrost
 ** **NOTE:** 12 minutes is for EPR with suction stop for defrost isolation. Defrost times increases by four minutes (16 min. total) when defrost isolation is by pump down.
 *** If EPR is utilized, use the settings shown in the chart. **NOTE:** The customer will need to set the EPR on the parallel rack or single unit to the appropriate suction temperature and the LRPHP cases must be on a separate suction stub with a separate EPR. **ADD** 0.5# to EPR setting for each 1000 foot rise in elevation.
 **** Required setup for a conventional unit uses an electronic thermostat to assure accurate temperature control.

CASE CIRCUITS: This case requires a separate 120V circuit for fans.

CASE BTUH REQUIREMENTS are calculated to produce approximately the indicated entering-air temperature with absolute maximum operating ambient limits of **75°F & 55RH**.

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LRPHPEE16 CROSS SECTION



FLOOR PLAN

