

• N6DHP(R) HIGH PERFORMANCE MULTISHELF MED TEMP DAIRY/DELI 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)	
N6DHPL	4'6"/8'/12'	MED TEMP	1,106*	1,185*	+28**†	+26†	+34†	250***	0.48****
N6DHPL	6'8'/12'	MED TEMP	1,061*	1,137*	+28**†	+26†	+34†	250***	0.48****
N6DHPH	6'8'/12'	MED TEMP	1,017*	1,090*	+28**†	+26†	+34†	250***	0.48****
N6DHPLR	8'/12'	MED TEMP	1,504*	1,617*	+28**	+26	+31	176***	0.48****
N6DHPMR	8'/12'	MED TEMP	1,458*	1,569*	+28**	+26	+31	176***	0.48****

* Capacity data listed for cases with 2 rows of T-8 canopy lights and 4 rows of unlighted 22" deep shelves. Adjustments must be made to this base rating for each option installed on this case. ADD 20 BTUH/FT for each row of lighted shelves. For cases using peg bars, ADD 132 BTUH/FT to parallel load or ADD 153 BTUH/FT to conventional load. NOTE: Baffles are required above each peg bar row to provide proper air flow around the food products. For sizing all refrigeration equipment other than TYLER, use conventional BTUH values.

** Evaporator temperature is based on the saturated pressure leaving the case.

*** Air velocity measured 1 hour after defrost at the top discharge air duct using an ALNOR JR. velometer with a scoop. DEDUCT 20 FPM for case using peg bars.

**** This is an average refrigeration charge per foot based on R22 and R404A refrigerant usage.

† ADD 2°F for case using produce insert.

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 and Heaters (120 Volt)

MODEL	CASE LENGTH	FANS / CASE	TOTAL STANDARD FANS		TOTAL ECM FANS		TOTAL ANTI-SWEATS	
			AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
N6DHPL	4'	1	0.36	42.0	0.35	26.0	N/A	N/A
N6DHP(L/M/H)	6'	2	0.72	84.0	0.70	52.0	N/A	N/A
N6DHP(L/M/H)	8'	2	0.72	84.0	0.70	52.0	N/A	N/A
N6DHP(L/M/H)	12'	3	1.08	126.0	1.05	78.0	N/A	N/A
N6DHP(LR/MR)	8'	2	0.72	84.0	0.70	52.0	N/A	N/A
N6DHP(LR/MR)	12'	3	1.08	126.0	1.05	78.0	N/A	N/A

T-8 Lighting with Electronic Ballasts (120 Volt)

MODEL	CASE LENGTH	CANOPY LIGHTS* --- PER ROW				SHELF LIGHTS - PER ROW										NOSE LIGHT		MAX. LIGHTING (8 ROWS)	
		AMPS		WATTS		AMPS					WATTS					AMPS	WATTS	AMPS	WATTS
		1	2	1	2	1	2	3	4	5	1	2	3	4	5				
N6DHPL	4'	0.35	0.50	42.0	60.0	0.45	0.60	0.80	0.95	1.30	54.0	72.0	96.0	114.0	156.0	0.35	42.0	2.15	258.0
N6DHP	6'	0.40	0.75	48.0	90.0	0.60	0.90	1.20	1.50	1.90	72.0	108.0	144.0	180.0	228.0	0.40	48.0	3.05	366.0
N6DHP(R)	8'	0.50	0.95	60.0	114.0	0.90	1.20	1.60	1.90	2.40	108.0	144.0	192.0	228.0	288.0	0.50	60.0	3.85	462.0
N6DHP(R)	12'	0.70	1.40	84.0	168.0	1.35	1.80	2.40	2.85	3.55	162.0	288.0	288.0	342.0	426.0	0.70	84.0	5.65	678.0

* Standard lighting for this case is 2 rows of canopy lights.

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)		R404A (PSIG)		
TIME OFF	6	16	SHELVING	34°F	32°F	52	66	50	36	64	47	4.3
TIME OFF	6	18	PEG BARS / MIXED****	32°F	30°F	50	64	48	36	62	47	6.8
TIME OFF	6	16	PRODUCE INSERT	36°F	34°F	55	70	53	36	67	47	1.6
TIME OFF	6	16	REAR LOAD	32°F	30°F	52	66	50	36	64	47	4.3

* All high performance cases use OFF CYCLE defrost

** NOTE: 16 or 18 minutes is for EPR with suction stop for defrost isolation. Defrost times increases by four minutes when defrost isolation is by pump down.

*** If EPR is utilized, use the settings shown in the chart. ADD 0.5# to EPR setting for each 1000 foot rise in elevation.

**** NOTE: Mixed line-up is peg bars mixed with shelving in same line-up.

***** Required setup for a conventional unit uses an electronic thermostat to assure accurate temperature control.

SHELVING NOTES: Shelving widths available for these cases are 15", 18", 20" and 22". When two sizes are used, the smaller must be on top.

UL SANITATION approved in accordance with ANSI/NSF – 7.

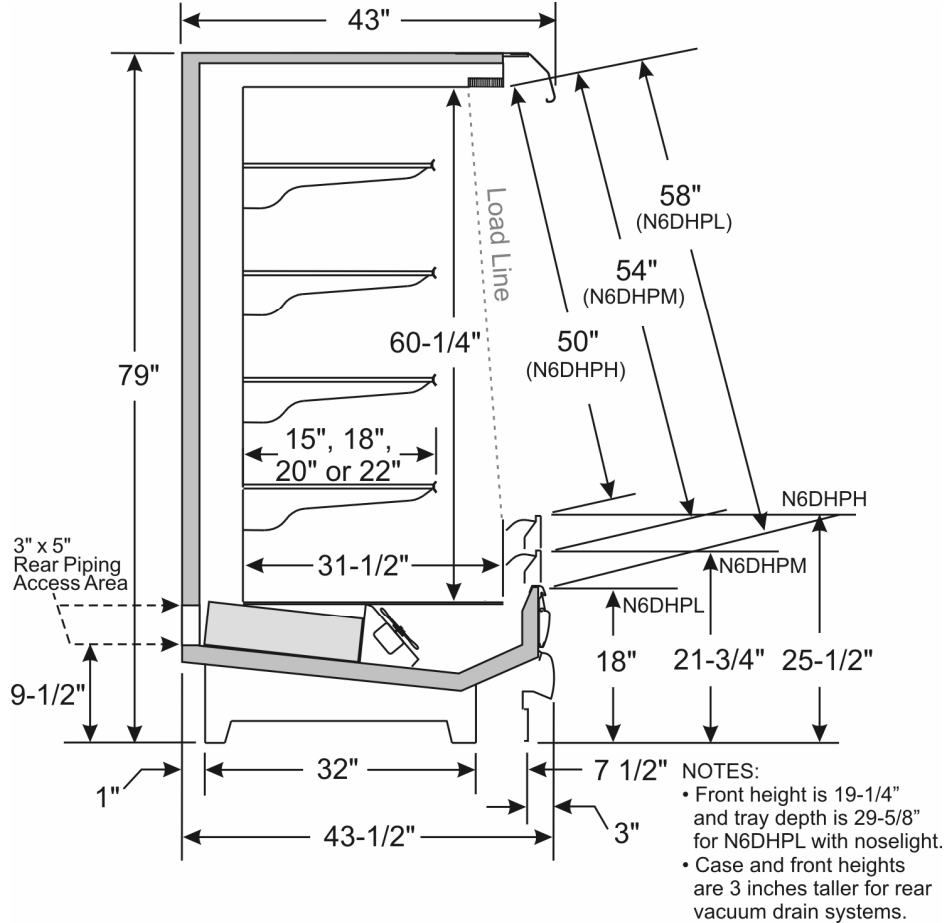
CASE BTUH REQUIREMENTS are calculated to produce approximately the indicated entering-air temperature with absolute maximum operating ambient limits of **75°F & 55RH**.

The information contained herein is based on technical data and tests that we believe are reliable, and is intended for use by persons having technical skill at their own discretion and risk. Since conditions of use are outside of Tyler's control, we cannot assume any liability for results obtained or damages incurred through the applications of the data presented. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

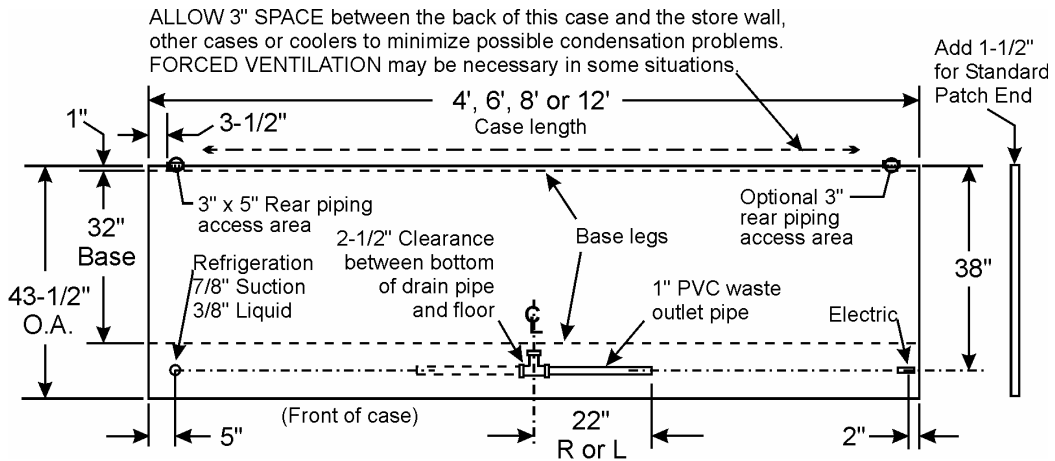
CASE-TO-CASE SUCTION LINE SUB-FEED BRANCH LINE SIZING

MODEL	4'	6'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'	52'
N6DHP(R) / R22	7/8"	7/8"	7/8"	7/8"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"

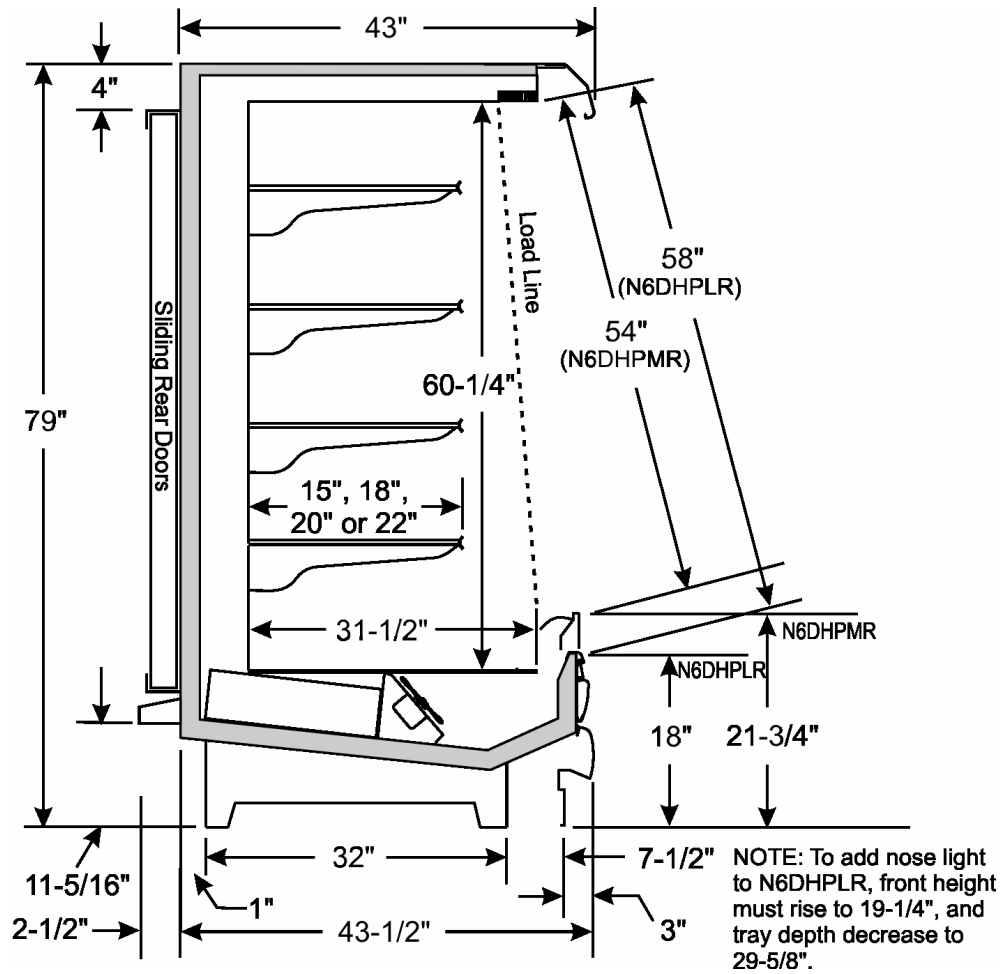
N6DHP CROSS SECTION



FLOOR PLAN



N6DHPR CROSS SECTION



FLOOR PLAN

For 8' case length, there are 2 - 33" rear access openings and 3 - 10"x7" rear-duct flues.

