

SPECIFICATION SHEET

• N5D/N5DH/N5DL 5-DECK NARROW 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)	
N5D	4'/6'/8'	MED TEMP	1,276*	1,367*	+15**	+13	35	300***	1.36****
N5DH	4'/6'/8'	MED TEMP	1,299*	1,392*	+15**	+13	35	300***	1.36****
N5DL	4'/6'/8'	MED TEMP	1,339*	1,435*	+15**	+13	35	300***	1.36****

* Capacity data listed for cases with 2 rows of T-8 canopy lights and 4 rows of optional T-8 lighted shelves. Adjustments must be made to this base rating for each option installed on this case. DEDUCT 23 BTUH/FT for each row of unlighted shelves. 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.

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

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 (120V)	
			AMPS	WATTS	AMPS	WATTS	DISCHARGE AIR AMPS	WATTS
N5D(H/L)	4'	2	0.68	60.4	0.44	22.0	N/A	N/A
N5D(H/L)	6'	2	0.68	60.4	0.44	22.0	N/A	N/A
N5D(H/L)	8'	3	1.02	90.6	0.66	33.0	N/A	N/A

T-8 Lighting with Electronic Ballasts (120 Volt)

MODEL	CASE LENGTH	CANOPY LIGHTS* - PER ROW				SHELF LIGHTS - PER ROW								MAX. LIGHTING (5 or 6 ROWS)	
		AMPS		WATTS		AMPS				WATTS				AMPS	WATTS
		1	2	1	2	1	2	3	4	1	2	3	4		
N5D(H/L)	4'	0.35	0.50	42.0	60.0	0.45	0.60	0.80	0.95	54.0	72.0	96.0	114.0	1.86	232.2
N5D(H/L)	6'	0.40	0.75	48.0	90.0	0.60	0.90	1.20	1.50	72.0	108.0	144.0	180.0	2.48	297.6
N5D(H/L)	8'	0.50	0.95	60.0	114.0	0.90	1.20	1.60	1.90	108.0	144.0	192.0	228.0	2.97	356.4

* Standard lighting for this case is 2 rows of T-8 canopy lights.

Defrost Data:

DEFROST TYPE*	DEFROSTS PER DAY	DURATION TIME (MIN)	TERMINATION (°F)	EPR SETTINGS **		DEFROST WATER (LB / FT / DAY)
				R22 (PSIG)	R404A (PSIG)	
TIME OFF	4	24	---	37	49	1.2

* If an Electronic Sensor is used for termination, it should be set at 70°F termination temperature. The sensor must be located in the same location as the defrost termination klixon for that defrost type.

** Set EPR to give this pressure at the case.

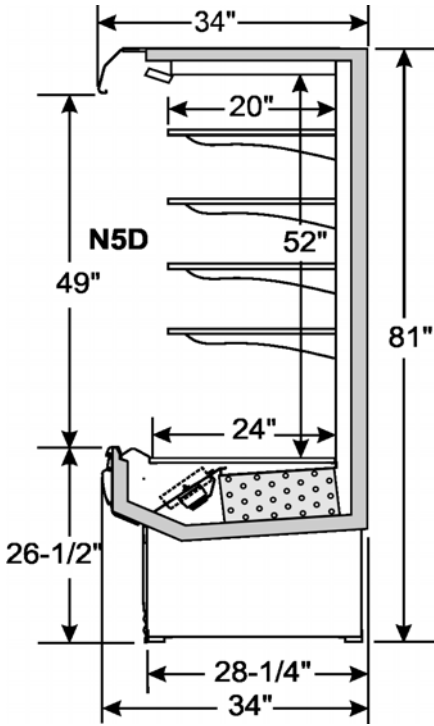
SHELVING NOTES: You MUST USE all 20" deep shelves (3 rows minimum or 4 rows maximum). The top row MUST HAVE a rear gasket. TYLER recommends that this case be merchandised on straight shelves, not sloped downward.

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

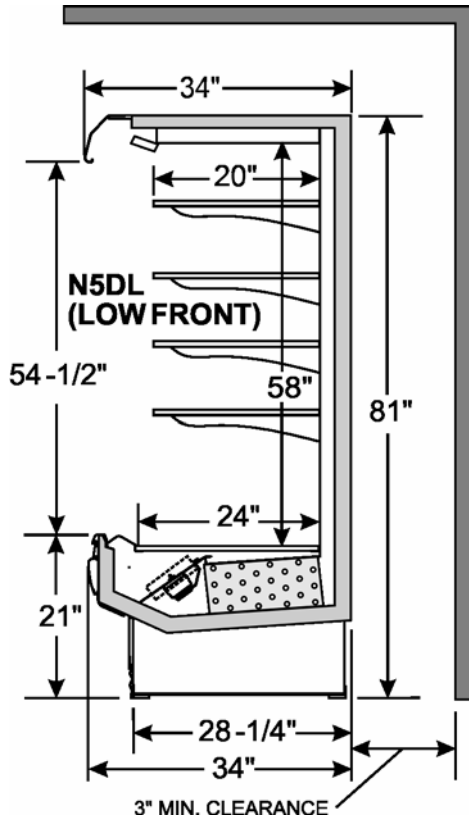
CASE BTUH REQUIREMENTS are calculated to produce approximately the indicated entering-air temperature with absolute maximum operating ambient limits of **75°F & 55RH**.

The information contained herein is based on technical analysis and/or tests performed in a controlled lab environment that are consistent with industry practices, and is intended as a reference for system sizing and configuration purposes only and for use by persons having technical skill at their own discretion and risk. Conditions of use are outside of Tyler's control and we do not assume and hereby disclaim any liability for results obtained or damages incurred through application of or reliance on the data presented, including but not limited to specific energy consumption with any particular model or installed application. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

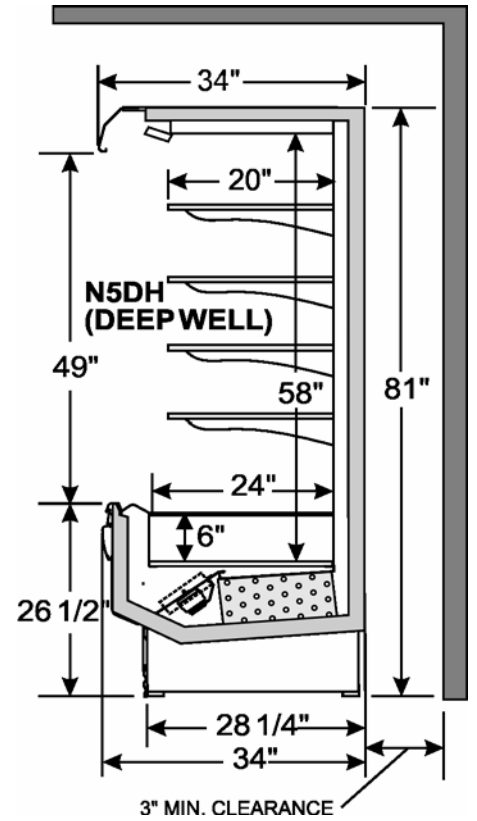
N5D CROSS SECTION



N5DL CROSS SECTION



N5DH CROSS SECTION



N5D(H/L) FLOOR PLAN

Allow a 3" SPACE between the back of this case and the store wall, other cases, or coolers to minimize possible condensation problems. FORCED VENTILATION may be necessary in some situations.

