

SPECIFICATION SHEET

NNG SELF-SERVICE MEDIUM TEMP CHEESE/DELI WEDGE MERCHANDISERS

Refrigeration Data:

MODEL	CASE LENGTH	CASE USAGE	CAPACITY (BTUH / CS)		EVAPORATOR (°F)	UNIT SIZING (°F)	DISCHARGE AIR		AVG. REF. CHARGE (LBS/CS)
			PARALLEL	CONVENTIONAL			TEMPERATURE (°F)	VELOCITY (FPM)***	
NNG90IS	71"	MED TEMP DELI	2,560*	2,793*	+15**	+12	+25	-----	-----
NNG90OSA	77"	MED TEMP DELI	3,715*	4,049*	+15**	+12	+25	-----	-----

* 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 rear top discharge air duct 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 and Heaters (120 Volt)

MODEL	FANS / CASE	TOTAL STANDARD FANS		TOTAL ECM FANS		DISCHARGE AIR ANTI-SWEAT	
		AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
NNG90IS	1	0.34	30.2	-----	-----	0.14	17.0
NNG90OSA	2	0.68	60.4	-----	-----	0.14	17.0

Defrost Data:

DEFROST TYPE	DEFROSTS PER DAY	DURATION TIME (MIN)	TERMINATION TEMP. (°F)	BACKUP PRESSURE SETTINGS *		EPR SETTINGS **		DEFROST WATER (LB / FT / DAY)
				CUT IN	CUT OUT	R22 (PSIG)	R404A (PSIG)	
TIME OFF - CHEESE	6	28	N/A	40# @ R22	30# @ R22	43	56	-----
TIME OFF - DELI	6	28	N/A	35# @ R22	25# @ R22	38	50	-----

* Used with electronic thermostat and EPR control.

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

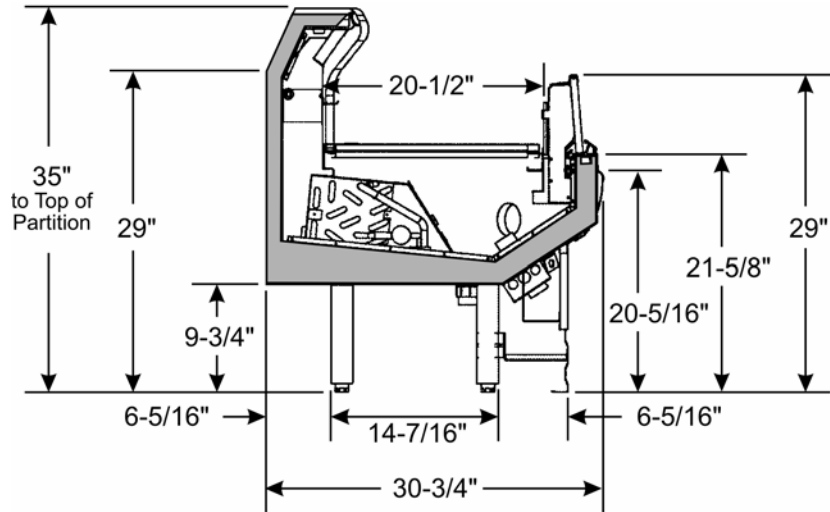
TEMPERATURE CONTROL can be achieved by a thermostat, suitably sized EPR, or Low Pressure Control. The Discharge Air Thermostat should be set at 28°F CUT IN; the EPR set at 43# (R22); and Low Pressure Control (see table).

NSF CERTIFIED to meet ANSI/NSF – 7.

CASE BTUH REQUIREMENTS are calculated to produce approximately the indicated performance 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.

NNG WEDGE CROSS SECTION



This drawing shows the dimensions for the NNG900S. Width and depth dimensions will vary on other wedge cases. See floor plan views for specific width and depth dimensions.

NNG WEDGE FLOOR PLANS

