



## SPECIFICATION SHEET

### • N5NGA GLASS DOOR MEDIUM TEMPERATURE MERCHANDISERS •

#### Refrigeration Data:

MODEL	CASE LENGTH	CASE USAGE	DOOR TYPE	CAPACITY (BTUH / DR)	EVAPORATOR (°F)	UNIT SIZING (°F)	DISCHARGE AIR		AVG. REF. CHARGE (LBS/DR)
							TEMPERATURE (°F)	VELOCITY (FPM)	
N5NGA	ALL	MED TEMP	ARDCO SWING.	940*	+20**	+18	+30	576	0.91***
N5NGA	ALL	MED TEMP	ANTHONY 101	940*	+20**	+18	+30	576	0.91***

#### NOTES:

\* Capacity data listed is for cases with ECM fan motors and T-8 electronic vertical lighting (Prism). Lights remain on during defrost.

#### See Capacity Adjustments below:

ADD 101 Btuh/Dr for cases using standard fan motors.

ADD 520 Btuh per glass end for medium temperature cases.

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

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

FOR SPECIFIC COMPRESSOR SIZING AND/OR LINE SIZING INFORMATION, REFER TO THE "GOLD" AND/OR "BUFF" SECTIONS IN THE TYLER SPECIFICATION GUIDE.

#### Electrical Data:

Fans (120 Volt) (ARDCO or ANTHONY)

MODEL	NO. OF DOORS	FANS / CASE	TOTAL FOR STANDARD FANS		TOTAL FOR ECM FANS	
			AMPS	WATTS	AMPS	WATTS
N5NGA	2	2	1.06	96.0	0.64	34.0
N5NGA	3	3	1.59	144.0	0.96	51.0
N5NGA	4	4	2.12	192.0	1.28	68.0
N5NGA	5	5	2.65	240.0	1.60	85.0

Heaters (120 Volt) and T-8 Lighting with Electronic Ballasts (120 Volt) (ARDCO or ANTHONY)

MODEL	NO. OF DOORS	ANTI-SWEAT HEATERS (120 V)								VERTICAL T-8 (58-WATT)	
		ARDCO MAIN FRAME		ANTHONY MAIN FRAME		ARDCO SWINGLINE*		ANTHONY 101*			
		AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
N5NGA	2	0.50	60.0	1.30	156.0	0.30	36.0	0.60	72.0	1.45	174.0
N5NGA	3	0.70	84.0	1.80	216.0	0.40	48.0	1.00	120.0	1.94	233.0
N5NGA	4	0.90	108.0	2.40	288.0	0.50	60.0	1.30	156.0	2.42	290.0
N5NGA	5	1.10	132.0	2.80	336.0	0.60	72.0	1.60	192.0	2.91	349.0

\* Only door anti-sweat heaters are cyclable.

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

DRS	2	3	4	5	6	7	8	9	10	11	12	13	14	15
R22	3/8"	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"

#### Defrost Data:

DEFROST TYPE	DEFROSTS PER DAY	DURATION TIME (MIN)	TERMINATION TEMP. (°F)	EPR SETTINGS *		DEFROST WATER (LB / DR / DAY)
				R22 (PSIG)	R404A (PSIG)	
TIME OFF	1	60	----	43	55.6	0.75

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

**CASE CIRCUITS:** This case requires a separate 120V circuit for the fans, lights and anti-sweats. The light circuit requires a switch in the back room for convenience in controlling the lights. The anti-sweat circuit feeds power to both the cyclable and non-cyclable heaters. When an Energy Saving Anti-Sweat Controller is used, a relay and a jumper are removed to control the cyclable heaters.

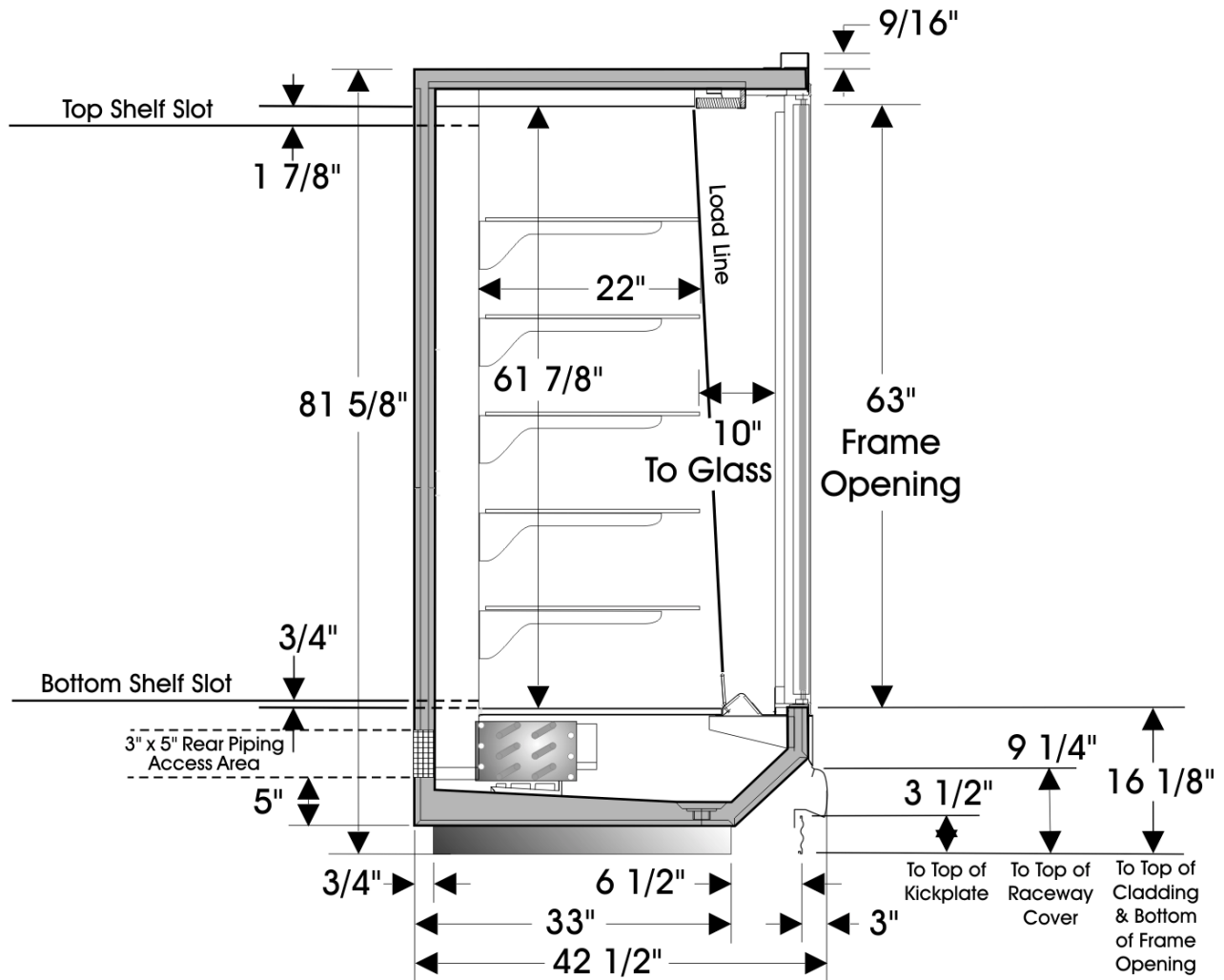
**UL SANITATION** approved in accordance with ANSI/NSF - 7.

**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.

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**N5NGA CROSS SECTION**



**FLOOR PLAN**

ALLOW 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.

