



SPECIFICATION SHEET

• N5FGA GLASS DOOR FROZEN FOOD & ICE CREAM MERCHANDISERS •

Refrigeration Data:

MODEL	CASE LENGTH	CASE USAGE	DOOR TYPE	CAPACITY (BTUH / DR)*	EVAPORATOR (°F)**	UNIT SIZING (°F)	DISCHARGE AIR (°F)		AVG. REF. CHARGE (LBS/DR)
							TEMPERATURE (°F)	VELOCITY (FPM)	
N5FGA	ALL	FROZEN	ARDCO SWING.	1604	-15	-18	-4	576	0.91***
N5FGA	ALL	FROZEN	ANTHONY 101	1690	-15	-18	-4	576	0.91***
N5FGA	ALL	FROZEN	ANTHONY ELM.	1484	-15	-18	-4	576	0.91***
N5FGA	ALL	ICE CREAM	ARDCO SWING.	1653	-23	-26	-12	576	0.91***
N5FGA	ALL	ICE CREAM	ANTHONY 101	1739	-23	-26	-12	576	0.91***
N5FGA	ALL	ICE CREAM	ANTHONY ELM.	1529	-23	-26	-12	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 106 Btuh/Dr for cases using standard fan motors.

ADD 916 Btuh per glass end for frozen food cases.

ADD 1000 Btuh per glass end for ice cream 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 and T-8 Lighting with Electronic Ballasts (120 Volt) (ARDCO or ANTHONY)

MODEL	NO. OF DOORS	FANS / CASE	TOTAL FOR STANDARD FANS*				TOTAL FOR ECM FANS*				VERTICAL T-8 LIGHTING (58-WATT)	
			ELECTRIC DEFROST		HOT GAS DEFROST		ELECTRIC DEFROST		HOT GAS DEFROST		AMPS	WATTS
			AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS		
N5FGA	2	2	1.2	109	1.2	109	0.6	34	0.6	34	1.45	140
N5FGA	3	3	1.8	163	1.8	163	0.9	51	0.9	51	1.94	209
N5FGA	4	4	2.4	217	2.4	217	1.2	68	1.2	68	2.42	279
N5FGA	5	5	3.0	272	3.0	272	1.5	85	1.5	85	2.91	349

* The fans cycle OFF when the drain pan heater cycles ON.

Heaters (120 and 208 Volt) (ARDCO or ANTHONY)

MODEL	NO. OF DOORS	ANTI-SWEAT HEATERS (120 V)								DEFROST HEATERS (208 V)*				DRAIN PAN HEATER (120 V) HOT GAS	
		MAIN FRAME		ARDCO SWINGLINE*		ANTHONY 101*		ANTHONY ELIMINAATOR*		COIL		DRAIN PAN. (208 V) ELECTRIC		AMPS	WATTS
		AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS		
N5FGA	2	1.9	228	1.5	180	1.8	216	0.5	60	5.8	1,200	0.84	175	1.46	175
N5FGA	3	2.5	300	2.3	276	2.7	324	0.8	96	9.6	2,000	1.20	250	2.08	250
N5FGA	4	3.3	396	3.1	372	3.6	432	1.0	120	13.5	2,800	1.56	325	2.71	325
N5FGA	5	3.9	468	3.9	468	4.6	552	1.3	156	17.3	3,600	1.92	400	3.33	400

* Only door anti-sweat heaters are cyclable. ** The drain pan heater cycles OFF when the fans cycle ON.

208 VOLT DEFROST (AMPS)														
DRS	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FF/IC 1 PH	6.6 TG-30	10.8 TG-30	15.0 TG-30	19.3 TG-30	21.6 TG-30	25.8 TG-40	30.0 TG-40	34.3 TG-50	38.6 TG-50	N/A	N/A	N/A	N/A	N/A
FF/IC 3 PH	N/A	N/A	N/A	N/A	18.7 TG-3-30	22.3 TG-3-30	26.0 TG-3-40	29.7 TG-3-40	33.4 TG-3-50	29.7 TG-3-40	33.4 TG-3-50	33.4 TG-3-50	33.4 TG-3-50	33.4 TG-3-50
CASE-TO-CASE SUCTION LINE SUB-FEED BRANCH LINE SIZING														
R404A FF	5/8"	7/8"	7/8"	7/8"	7/8"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
R404A IC	5/8"	7/8"	7/8"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"

CASE CIRCUITS: This case requires a separate 120V circuit for fans, lights, anti-sweats, and a 208V circuit for Electric Defrost including the drain pan heater. The fan circuit for Gas Defrost includes the drain pan heater, which is on only when the fans are off. 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 is removed to control the cyclable heaters.

The temperature control mode should prevent excessively low discharge air temperatures, which irritates product frosting. This limit should be -12°F.

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.

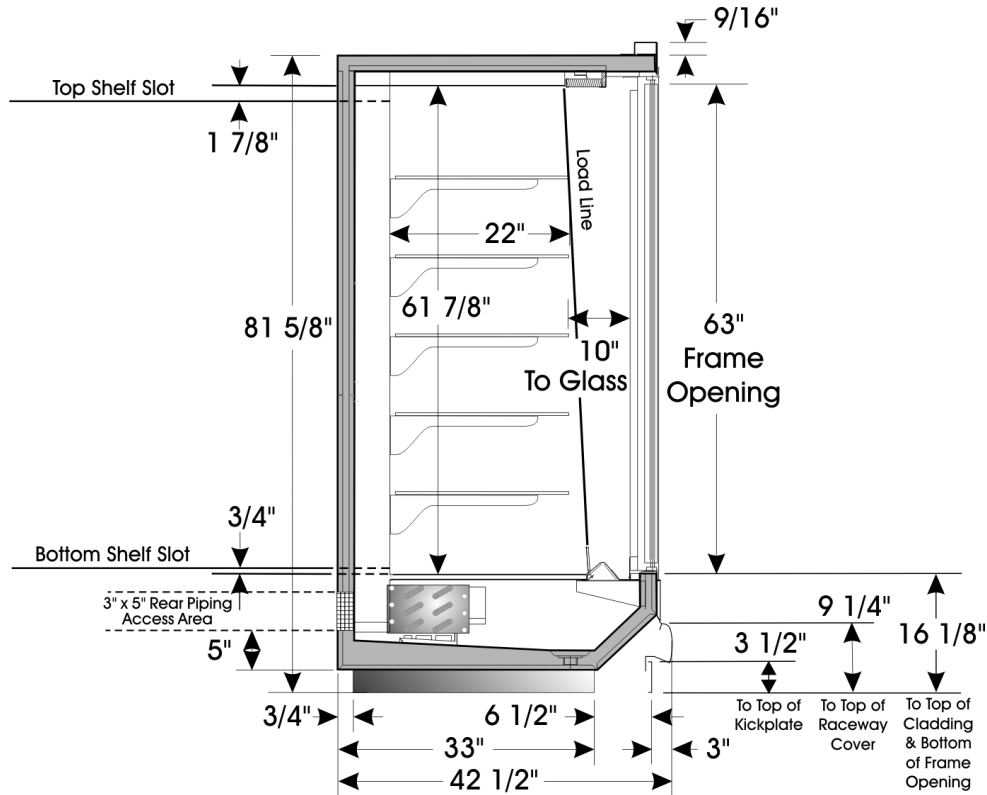
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Defrost Data:

DEFROST TYPE	DEFROSTS PER DAY	DURATION TIME (MIN)	TERMINATION TEMP. (°F)	EPR SETTINGS **		DEFROST WATER (LB / DR / DAY)
				R22 (PSIG)	R404A (PSIG)	
ELECTRIC / FF	1	60	60	12.0	20.7	N/A
ELECTRIC / IC	1	60	60	8.5	15.0	N/A
HOT GAS / FF	2	18-20	55*	12.0	20.7	N/A
HOT GAS / IC	2	20-25	55*	8.5	15.0	N/A

* If an Electronic Sensor is used for termination, it should be set at 70°F termination temperature.
 ** Set EPR to give this pressure at the case.

N5FGA 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.

