

SPECIFICATION SHEET

• RCCG REFRIGERATED CHEESE & DELI ISLAND 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)	
RCCG w/ STD. RISER	8/12/16'	MED TEMP	1,054*	1,160*	+15**	+13	+28	209***	7.0
RCCG w/ RISER OPT. 1	8/12/16'	MED TEMP	1,458*	1,605*	+15**	+13	+28	195***	7.6
RCCG w/ RISER OPT. 2	8/12/16'	MED TEMP	1,861*	2,012*	+12**	+10	+28	182***	8.1

* Capacity data listed for cases with T-8 lighting under each side of center top shelf and shelf lighting (where applicable). 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 grid.

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 & Heaters (120 Volt)

MODEL	CASE LENGTH	FANS / CASE	TOTAL FOR STANDARD FANS		TOTAL FOR ECM FANS		TOTAL FOR ANTI-SWEATS	
			AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
RCCG	8'	6	2.04	181.2	1.32	66.0	0.50	60.6
RCCG	12'	8	2.72	241.6	1.76	88.0	0.83	99.1
RCCG	16'	16	5.44	483.2	3.20	176.0	1.15	137.8

T8 Lighting with Electronic Ballasts (120 volt)

CASE LENGTH	TOP SHELF LIGHTS		SHELF LIGHTS 1 DECK		SHELF LIGHTS 2 DECKS		MAXIMUM LIGHTING*	
	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS (3 TIERS)	WATTS (3 TIERS)
8'	0.49	57.0	0.98	114.0	1.94	226.0	2.43	283.0
12'	0.97	113.0	1.47	171.0	2.91	339.0	3.88	452.0
16'	1.46	170.0	1.96	228.0	3.88	452.0	5.34	622.0

* For cases with one tier of center top shelf lights and two tiers of shelf lights.

Defrost Data:

DEFROST TYPE	DEFROSTS PER DAY	DURATION TIME (MIN)	TERMINATION TEMP. (°F)	EPR SETTINGS *		DEFROST WATER (LB / FT / DAY) RCCG
				R22 (PSIG)	R404A (PSIG)	
TIME OFF - (RCCG w/ STD or RISER OPT 1)	6	22	----	37.7	49.5	6.0
TIME OFF - (RCCG w/ RISER OPT 2)	6	18	----	34.7	46.0	11.0

* Set EPR to give this pressure at the case.

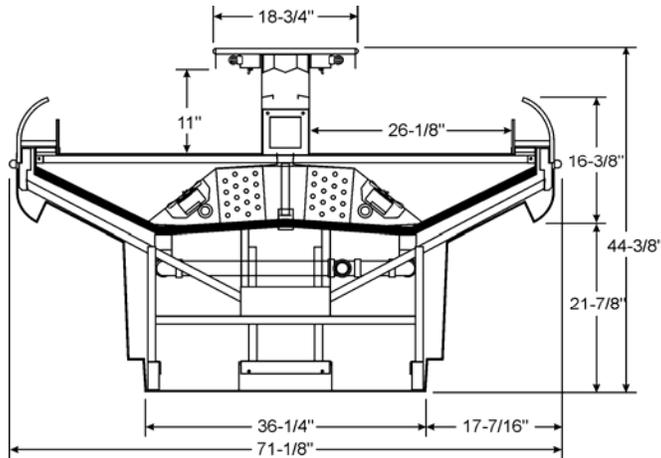
CASE CIRCUITS: This case requires a separate 120V circuit for fans, lights and anti-sweats. The RCCG with standard riser has an 18" top center shelf. The RCCG with riser option 1 has an 18" center top shelf and a single tier of 12" shelves. The RCCG with riser option 2 has an 18" center top shelf and two tiers of 12" shelves. All shelving has Lights.

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

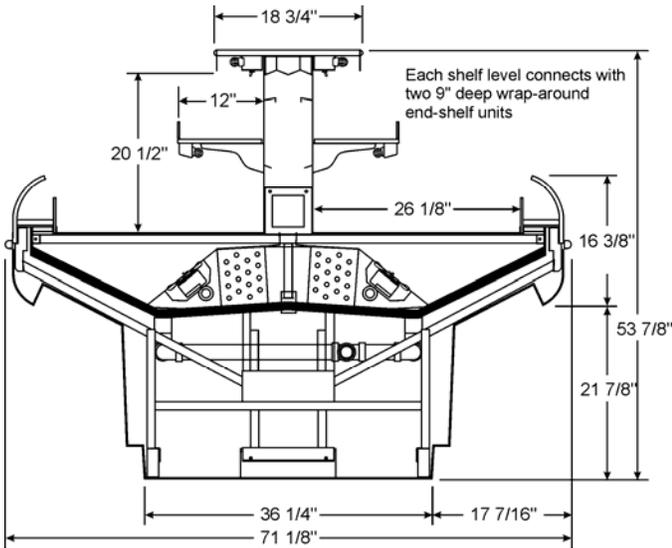
CASE BTUH REQUIREMENTS are calculated to produce approximately the indicated entering-air temperature with absolute maximum operating ambient limits of **75°F & 55RH**.

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.

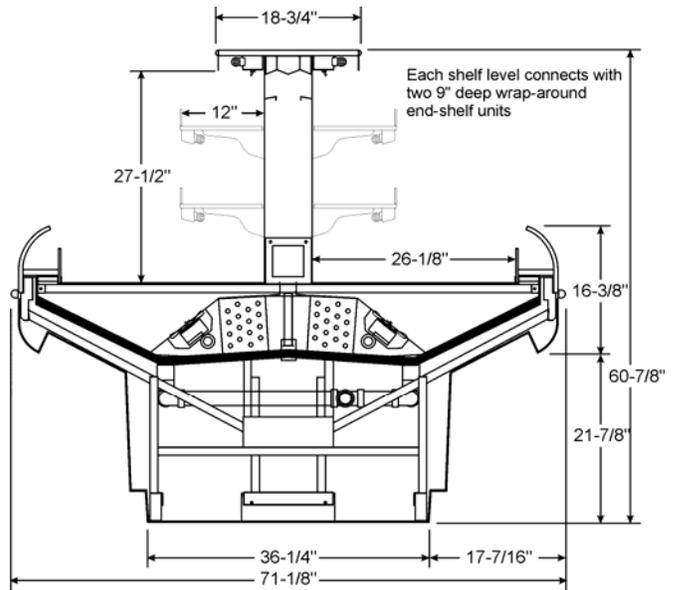
RCCG WITH STANDARD RISER CROSS SECTION



RCCG WITH RISER OPTION 1 CROSS SECTION



RCCG WITH RISER OPTION 2 CROSS SECTION



RCCG FLOOR PLAN

