

DM OPEN TOP DISPLAY MEAT CASE

CHART #2

Tyler Refrigeration Corporation

475 Bluh/Ft. @ + 15°F Suction & + 24°F Entering Air Temp.

CASE MODELS	LINEAL FEET	75°F (24°C) Store 1000 Btuh/hr Req'd.	CONDENSING UNIT SELECTION CHART R-22					LINE SIZING					ELECTRICAL DATA											
			AIR ENTERING THIS CONDENSING UNIT THN (Remote) Units can be Selected provided Cond is sized for 10-15F TD or less					SUCTION LINE					DEFROST			120 VOLT DATA								
			85F 30C	90F 32C	95F 35C	100F 38C	105F 41C	M	E	T	E	R	L	Q	U	I	D	One Phase Tot. Amps	Defrost Control Req'd. -3 = 3Ph.	3 Ph High Leg Amp	Fan Amp HEP Std. (A)	STD. Anti-Sweat Amps (B)	OPT. Lite Amps (C)	OPT. Lite Amps (D)
8'	12'																							
1	8	3.8													3/8	6.9	TG-30		.7	.3	1.8	2.6		
	12	5.7													5/8"	10.3			1.1	.4	2.8	3.9		
2	16	7.6														13.8	TG-3-30	12A	1.6	.6	3.6	5.2		
1	20	9.5														17.2		15A	1.8	.7	4.6	6.5		
	24	11.4														20.6		18A	2.2	.9	5.6	7.8		
2	28	13.3														24.1		15A	2.7	1.0	6.4	9.1		
1	32	15.2														27.5	TG-40	18A	3.0	1.2	7.4	10.4		
	36	17.1														30.9		18A	3.3	1.3	8.4	11.7		
2	40	19.0														34.3	TG-50	21A	3.8	1.5	9.2	13.6		
1	44	20.9														37.8		25A	4.0	1.6	10.2	14.3		
	48	22.8														41.2		28A	4.4	1.8	11.2	15.6		
2	52	24.7														44.6		30A	4.9	1.9	12.0	16.9		
1	56	26.6																33A	5.2	2.1	13.0	18.2		
	60	28.5																36A	5.5	2.2	14.0	19.5		

- CASE CIRCUITS: (120-1-60)** - (A) Includes Standard or HEP (Hi-Efficiency) fans - (B) Includes Standard rear riser anti-sweat heater only - (C) Includes 1row of 430MA lights - (D) Includes 2 rows of 430MA lights
- DEFROST CIRCUITS: OFF CYCLE** defrost is standard (use TC defrost module) - **OPTIONAL ELECTRIC** defrost uses a single or 3 phase 208V circuit. - **OPTIONAL HOT GAS** defrost uses 2 control wires @ 208V per lineup - **OPTIONAL AIR DEFROST** (use DF-AD defrost module) requires 3 control wires @ 208V per lineup.

CHART #3

ANNUAL COMPARATIVE OPERATING COST PER FOOT OF CASE (C.O.C.)

CONTROL SETTINGS (R-22)

CASE	Fans/HEP*	A/S Heat	Lights	208V Defrost	Condensing Unit	TOTALS††	DEFROST CONTROL			PRESSURE
							Per Day	Mode	Failsafe	CUT IN:
	\$.77/.66	\$.394	\$.53(opt)	\$ 1.31(opt)	\$ 5.225	\$ 6.912 ‡				45-47#
8'	70w/60w	36w	92w	1430w	w/Opt HEP Motors	\$ 6.802	2	Timed Off	60 Min.	CUT OUT: 32-34#
12'	105w/90w	54w	144w	2150w	NET SAVINGS	\$.110	2	Electric	36 Min.	
							4	Hot Gas	12-15 Min.	
							4	Air Defrost	60 Min.	

Case Ft. x C.O.C. = *Cost per Year" @ 1c/KWH. USE TOTALS TO COMPARE CASES & OPTIONS! †† @ 1c/KWH ‡ Does not include Opt. 208V Elect. Def.

CASE BTUH REQUIREMENTS are calculated to produce approximately the indicated entering case air temp with absolute maximum operating ambient limits of 75F & 55% RH. SUCTION LINE SIZING: Select the point of intersection of the case line-up and the equivalent footage. Allow for all fittings in addition to the actual line length. STEP SIZING is suggested for selections falling in the first half of a size range. Pipe one size smaller can be used on the 50' of the run closest to the cases when the entire run is 100 equivalent feet or more. LIQUID LINE SIZING is based on 5lb. pressure drop in 150' of line. See complete line size charts in front of the TYLER SPEC GUIDE BOOK.

The information contained herein is based on technical data and tests which we believe to be reliable and is intended for use by persons having technical skill, at their own discretion and risk. Since conditions of use are outside Tyler's control, we can assume no liability for results obtained or damages incurred through the applications of the data presented. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. Printed in the U.S.A.

CROSS SECTION & FLOOR PLAN - TOP DISPLAY MEAT CASE

(A)

FEATURES

Hinged Fan Panel exposes bottom of coil

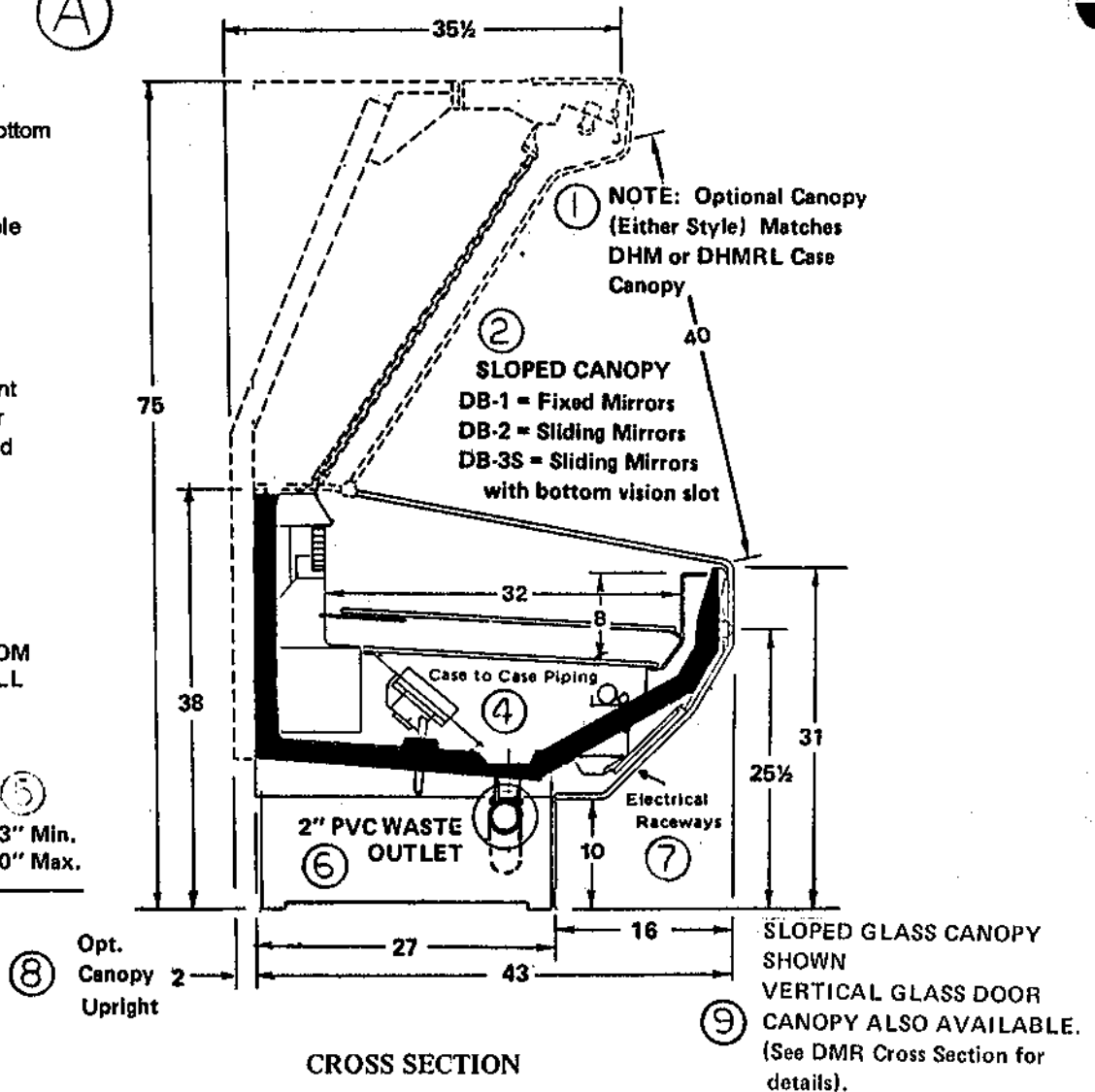
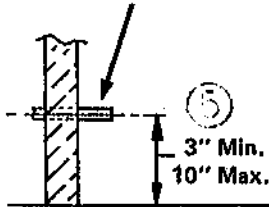
2" Waste Outlet fully accessible when Trays are removed

2" Water Seal Pipe provided

Two Lift Off Panels make Front Cladding easily removable for access to wiring raceways and under case area

Vinyl Bumper at Cart Height

(3) STUB-OUT FROM EXISTING WALL



(B)

