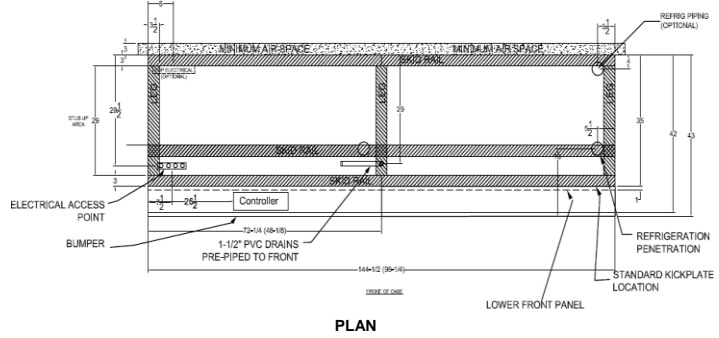
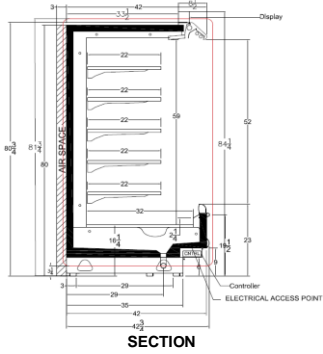




Multi-Deck

KYSOR/WARREN - DX6XN - VOP

RD4018.052



APPLICATION: DAIRY, DELI  
AVERAGE PRODUCT TEMP (°F) 34.7

ENERGY DATA

CASE LENGTH	TDA (ft²)/ft	USABLE CUBE (ft³)/ft	CDEC (ACTUAL) (kWh/day)/ft	CDEC (DOE LIMIT) (kWh/day)/ft
4 FT	4.43	12.08	2.17	3.85
6 FT	4.42	11.93	2.22	3.51
8 FT	4.43	12.06	2.18	3.34
12 FT	4.43	11.93	2.17	3.18



REFRIGERATED CASE DATA (DX):

CASE LENGTH	CAPACITY CONVENTIONAL (BTUH)	CAPACITY PARALLEL (BTUH)	EVAP TEMP (°F)	DEFROST TEMP (°F)	DISCHARGE AIR			SUPERHEAT SETPOINT (°F)	AVG REF CHARGE (LB)
					TEMP (°F)	VELOCITY (fpm)	FAN SPEED (rpm)		
4 FT	5834	4733	25	30	32	200-300	1900	6-8°	1.23
6 FT	8753	7100	25	30	32	200-300	1900	6-8°	1.84
8 FT	11670	9467	25	30	32	200-300	1900	6-8°	2.64
12 FT	17504	14200	25	30	32	200-300	1900	6-8°	3.93

ELECTRICAL DATA:

CASE LENGTH	FANS 115 volt				LED 115 Volt							
	# FANS/CASE	ECM fans		CANOPY LIGHTS		NOSE LIGHTS		SHELF LIGHTS (QTY ROWS)		TOTAL LIGHTS		
		AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS	
4 FT	1	0.33	25	0.26	30	N/A	N/A	N/A	N/A	0.26	30	
6 FT	2	0.67	51	0.38	44	N/A	N/A	N/A	N/A	0.38	44	
8 FT	2	0.67	51	0.52	60	N/A	N/A	N/A	N/A	0.52	60	
12 FT	3	1	76	0.78	90	N/A	N/A	N/A	N/A	0.78	90	

CASE LENGTH	ANTI-SWEAT HEATER (XXX/Ø Volt/Phase)		DRAIN PAN HEATER (XXX/Ø Volt/Phase)		DEFROST HEATER (XXX/Ø Volt/Phase)	
	AMPS	WATTS	AMPS	WATTS	AMPS	WATTS
4 FT	N/A	N/A	N/A	N/A	N/A	N/A
6 FT	N/A	N/A	N/A	N/A	N/A	N/A
8 FT	N/A	N/A	N/A	N/A	N/A	N/A
12 FT	N/A	N/A	N/A	N/A	N/A	N/A

DEFROST DATA:

DEFROST TYPE	DEFROST S PER DAY	DURATION TIME (MIN)	TERMINATION TEMP (°F)	PUMP OUT (MIN)	DRIP TIME (MIN)	TERMINATION TEMP SENSOR LOCATION	DEFROST WATER (LB/DAY)/FT
OFF CYCLE	8	25	47	0	0	DAT	9.17

NOTES:

- 1. Add 1-1/2" for each end wall.
- 2. Energy of kWh per foot based on lightning configuraion listed above.
- 3. Valves sized using 50°F sub-cooled, 66°F condensing temp, and R407a refrigerant.
- 4. Max product temp of 41°F.

VALVE INFORMATION:

CASE LENGTH	Expansion Valve Size (TXV)
4 FT	3/4 ton
6 FT	1 ton
8 FT	1-1/2 ton
12 FT	2 ton



RD4018.052\_Multi-Deck

6/25/2019

ARCH	MECH	ELEC	REFR	MECH CONST	OWNER
REVIEWED	REVIEWED	REVIEWED	REVIEWED	V-APR	V-APR

PDSMT# 08/12/15