

ISSUE DATE: JUNE 2023

KWN7F- MCU

REACH-IN MERCHANDISER



KYSOR WARREN
epta refrigeration

	# of Doors				APPLICATIONS
General Case Data	2	3	4	5	 
Total Display Area (ft ²)	29.46	44.19	58.92	73.65	
Cubic Capacity (ft ³)	64.24	96.36	128.48	160.60	
Max Shelf Depth (in) [Top/Bottom]	24/24	24/24	24/24	24/24	
Weight (lb)	-	-	-	-	
Refrigeration Data (All data is per side)					
Evaporator Temperature (°F)					
Frozen Food	-10	-10	-10	-10	
Ice Cream	-19	-19	-19	-19	
Discharge Air Temperature (°F)					
Frozen Food	-2 to -3	-2 to -3	-2 to -3	-2 to -3	
Ice Cream	-12 to -13	-12 to -13	-12 to -13	-12 to -13	
Discharge Air Velocity (fpm)	300-350	300-350	300-350	300-350	
Fan Speed (rpm)	2100	2100	2100	2100	
Conventional Thermal Load (Btuh)					
Frozen Food	1998	2997	3996	4995	
Ice Cream	2128	391	4255	5319	
Refrigerant Type	R-448A	R-448A	R-448A	R-448A	
Refrigerant Charge (lbs)	3.67	5.01	9.05	9.49	
Superheat Setpoint (°F)	6-8	6-8	6-8	6-8	
Electrical Data (Amps/Qty)					
Power Supply (Volts/Hertz/Phase) Circuit 1 - Case Circuit (115 V)	115V/60HZ/1PH	115V/60HZ/1PH	115V/60HZ/1PH	115V/60HZ/1PH	
Circuit 2 – Modular Condensing Unit (208 V)	208V/60HZ/1PH	208V/60HZ/1PH	208V/60HZ/1PH	208V/60HZ/1PH	
Evaporator Fan Motor Amps (115 V)	0.76	1.14	1.52	1.90	
Anti-sweat Heater Amps (115 V)	1.65	2.46	3.26	4.06	
Lights Amps (115 V)	0.26	0.36	0.46	0.56	
Drain Heater Amps	-	-	-	-	
Defrost Heater Amps (208 V)	7.63	12.69	17.75	22.82	
Condensate Pump Amps (115 V)	0.70	0.70	0.70	0.70	
Evaporator Pan Heater Amps (115 V)	8.33	8.33	8.33	8.33	
Compressor RLA	6.10	7.40	13.90	13.90	
Compressor LRA	42.30	40.30	75.00	75.00	
Condenser Fan Amps	1.10	1.10	1.10	1.10	
Refrigeration Cycle Amps	11.70	12.99	14.27	15.55	
Defrost Cycle Amps	7.63	12.69	17.75	22.82	
Case Circuit Minimum Circuit Ampacity (Circuit 1)	14.63	16.24	17.84	19.44	
Case Circuit Maximum Overcurrent Protection (Circuit 1)	15	20	20	20	
Condensing Unit Minimum Circuit Ampacity (Circuit 2)	9.54	15.86	22.19	28.53	
Condensing Unit Maximum Overcurrent Protection (Circuit 2)	15	20	30	30	
Condensing Unit Total Heat of Rejection (Btuh)					
Frozen Food	3562	5109	6684	8356	
Ice Cream	4132	5910	7586	9482	
Defrost Data	Per Day	Fail Safe (min) ¹	Termination (°F)	Drip Time (min)	
	1	25	47	NA	

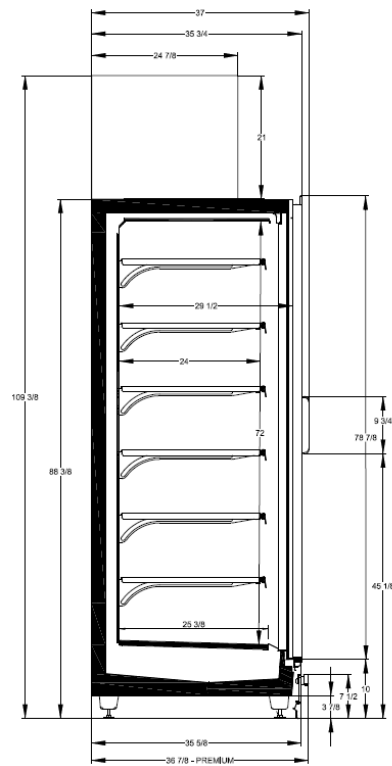


The above case model has case lengths that are UL and NSF approved.

¹ At ASHRAE conditions. For conditions above 75°F, 55% RH, increase defrost time by 15 min. Type I refrigerator, intended for use in an area where the environmental conditions are controlled and maintained that conditions do not exceed 75°F and 55% relative humidity. Kysor Warren, whose policy is one of continuous improvement, reserves the right to change at any time specifications, designs, or prices without incurring obligation. DOE 2017 Compliant

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KWN7F CROSS VIEW



Add 2" thickness for each end.

KWN7F PLAN VIEW

