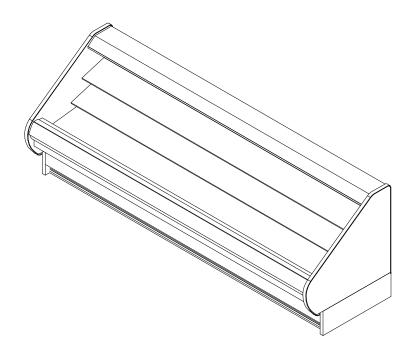
GENERAL NOTES

- "---" indicates that the feature is not an option with this case model and/or the data is not available at this time.
- Maximum of 3 rows of standard output LED lighted shelves.
- Nose lights are not available.



SHIPPING WEIG	SHT
Case	Weight
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■ COMPONENT

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ELECTRICAL DATA					
		High Effic	iency Fans		
Case	Fans Per	120	Volt		
Length	Case	Amps	Watts		
4'	1	0.16	11		
6'	2	0.32	22		
8'	2	0.32	22		
12'	3	0.48	33		

LIGHTING	LIGHTING DATA					
		Clea		4 LED Lig ght Row)	hting	
		Standard Power (Cornice or Shelf)			Power ce Only)	
Case	Lights	120 Volts		120	Volts	
Length	per row	Amps	Watts	Amps	Watts	
4'	1	0.05	5.9	0.12	14.9	
6'	2	0.08	9.4	0.20	23.8	
8'	2	0.10	11.8	0.25	29.8	
12'	3	0.15	17.7	0.37	44.7	

GUIDELINES AND CONTROL SETTINGS							
		BTUH/ft		Superheat Set			
				Point @ Bulb	Evaporator	Discharge	Discharge Air
Application	Front Sill height	Conventional	Parallel	(°F)	(°F)	Air (°F)	Velocity (FPM)
Dairy/Deli/Produce	All	858	750	6 - 8	28	31	180
Meat	Extended	847	740	6 - 8	26	30	180

DEFROST CONTROLS					
Timed-Off Defrost					
Defrosts Per	Fail-Safe	Termination			
Day	(Min)	Temp (F)			
6	30	47			

NOTES

- "---" indicates that the feature is not an option with this case model and/or the data is not available at this time.
- Listed BTUH/ft data represent unlighted shelves. For LED lighting, add 9 BTUH/ft per row of lighted shelving.
- Rear refrigerated box increases refrigeration load by 110 BTUH/ft.
- · BTUH load increases by 132 BTUH/ft when aftermarket merchandising accessories are utilized.
- Listed evaporator temperature indicates unlighted shelves. For lighted shelves and/or aftermarket merchandising accessories, reduce the listed evaporator temperature by 2°F.
- Conventional Discharge Air Control Recommended Settings: Cut-In Temp = Discharge Air + 2°F; Cut-Out Temp = Discharge Air 2°F
- Listed discharge air velocity represents the average velocity at the peak of defrost.
- Temperature and defrost settings listed above are recommended start-up settings. Final operational settings may need to be adjusted for the store conditions in which the case operates.
- The recommended evaporator temperatures may need to be adjusted based on system setup, store conditions, etc. The minimum recommended evaporator temperature is 4°F below the listed evaporator temperature.







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SECOND NATI	SECOND NATURE DATA							
	No. of			BTUH/	BTUH/FT		Supply Fluid	Discharge Air
Case Model	Coils	Application	Front Sill height	Conventional	Parallel	(DR)	Temp (°F)	Temp (°F)
O2.5UM-NRG	1	Bulk Produce	All Fronts	858	750	0.10	20	37
O2.5UM-NRG	1	Deli/Produce	All Fronts	858	750	0.22	20	31
O2.5UM-NRG	1	Meat	33" Front	847	740	0.26	20	30
O2.5UM-NRG	1	Bulk Produce	All Fronts	858	750	0.18	25	37
O2.5UM-NRG	1	Deli/Produce	All Fronts	858	750	0.56	25	31
O2.5UM-NRG	1	Meat	33" Front	847	740	0.77	25	30

SECOND NATU	SECOND NATURE DATA								
						Timed-0	Off Defrost	Warm Flu	uid Defrost
Case Model	No. of Coils	Application	Front Sill height	Supply Fluid Temp (°F)	No. of Defrost	Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)
O2.5UM-NRG	1	Bulk Produce	All Fronts	20	6	60	47	26	49
O2.5UM-NRG	1	Deli/Produce	All Fronts	20	6	60	47	26	49
O2.5UM-NRG	1	Meat	33" Front	20	6	60	47	26	49
O2.5UM-NRG	1	Bulk Produce	All Fronts	25	6	45	42	26	49
O2.5UM-NRG	1	Deli/Produce	All Fronts	25	6	45	42	26	49
O2.5UM-NRG	1	Meat	33" Front	25	6	45	42	26	49

NOTES

- All medium temperature data listed is for 35% by wt. PROPYLENE GLYCOL.
- Inhibited Propylene Glycol solution with water, such as Dowfrost or equivalent. (Dowfrost is a trademark of the Dow Chemical Company).
- Flowrates are determined by ASHRAE test conditions and may need to be adjusted based on store conditions.
- ** Flowrates are per case



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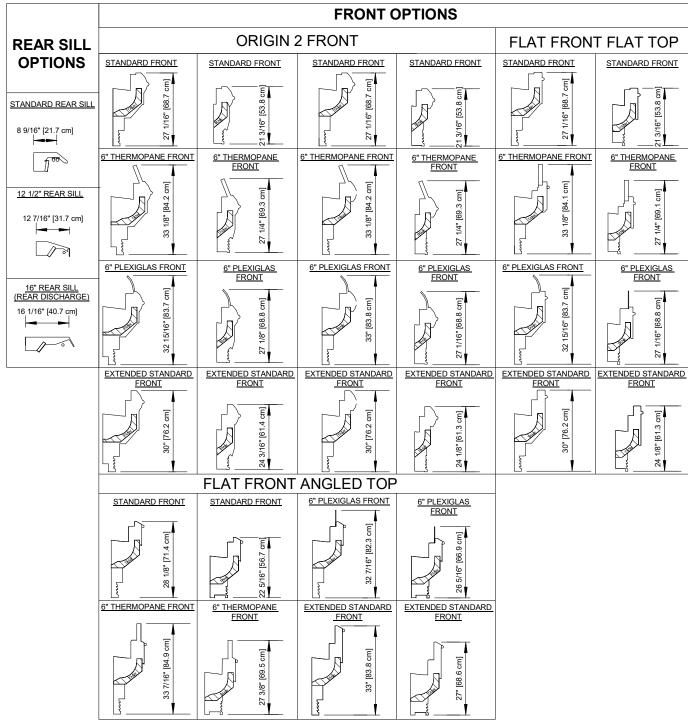


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NOTES:

- · Front and rear sill heights vary with base frame height
- Extended front sills are required on meat applications to maintain proper product temperature. An extended front has a minimum height of 24" on a 5" baseframe, or 30" on an 11" baseframe.







■ COMPONENT

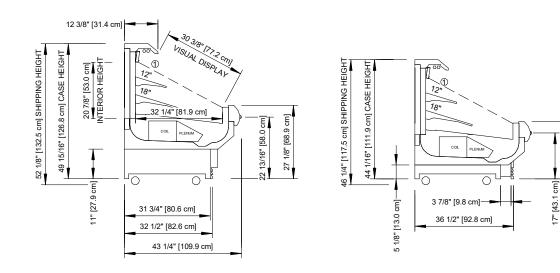
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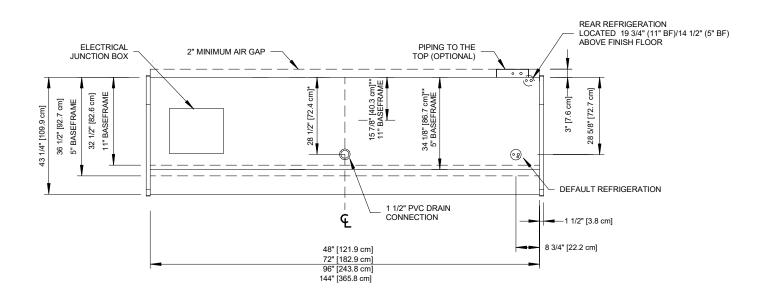
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11" BASE FRAME

5" BASE FRAME

21 3/16" [53.8 cm



NOTES:

- :STUB-UP AREA
- :RECOMMENDED STUB-UP CENTERLINE FOR ELECTRICAL AND HUB DRAINS
- ① :AVAILABLE SHELF SIZES ARE 10", 12", 14", 16", & 18"
- Ends add approximately 1 inch to case height, 1 inch to the front and 1/2 inch to the back
- · Product on top shelf should be 3 inches below discharge



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