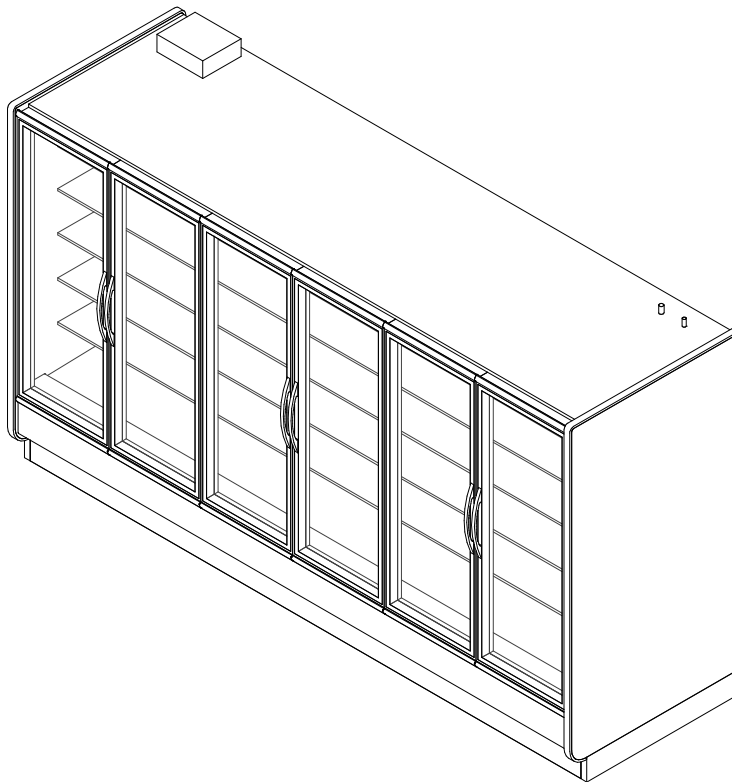


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8' & 12' Reach-In Rear Load Merchandiser
Beverage/Bakery/Dairy/Cut Produce/Deli/Meat

GENERAL NOTES:

- 8-foot cases Bi-swing consists of 4 (24") doors
- 12-foot cases Bi-swing consist of 6 (24") doors.
- Rear loading cases are designed for the rear door to open into an operating cooler.
- Lighting controls - occupancy sensors are required.
- OPTION 1: OEM Provided: Lighting controls (on/off) are standard unless otherwise specified.
- OPTION 2: End User Provided: Lighting controls should be based on occupancy sensors. Store level A/S control should be set to 30% minimum off time at 75°F/55%RH.



SHIPPING WEIGHT	
Case	Weight
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COMPONENT
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ELECTRICAL DATA			
Case Length	Fans Per Case	High Efficiency Fans	
		120 Volt	
		Amps	Watts
8'	3	0.65	78.0
12'	4	0.87	104.0

LIGHTING DATA							
Case Length	Door Size	OP45		OP55 (French Swing Only)		OP7 French Swing	
		120 Volts		120 Volts		120 Volts	
		Amps	Watts	Amps	Watts	Amps	Watts
8'	24"	---	---	0.52	61.9	0.44	52.3
12'	24"	---	---	0.77	92.8	0.64	76.6

ANTI CONDENSATE DATA					
Case Length	Door Size	101 Frames		Vista Frames	
		Un Heated Doors		Un Heated Doors	
		ELMD, ELMH, I90		Vista C, I60	
		120 Volts		120 Volts	
		Amps	Watts	Amps	Watts
8'	24"	0.39	47	0.39	47
12'	24"	0.63	76	0.63	76

GUIDELINES AND CONTROL SETTINGS									
Application	Case Length	Door Size	BTUH/Door		Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)	
			Conventional	Parallel					
Beverage	8'	24"	561	549	6 - 8	34	40	145	
Beverage	12'	24"	645	619	6 - 8	28	34	145	
Bakery/Dairy/Cut Produce/Deli	8'	24"	602	589	6 - 8	31	37	145	
Bakery/Dairy/Cut Produce/Deli	12'	24"	602	589	6 - 8	31	37	145	
Meat/Seafood	8'	24"	645	619	6 - 8	28	34	145	
Meat/Seafood	12'	24"	645	619	6 - 8	28	34	145	

DEFROST CONTROLS		
Defrosts Per Day	Timed-Off Defrost	
	Fail-Safe (Min)	Termination Temp (F)
2	30	40

Notes:

- "----" indicates that feature is not an option on this case model.
- Data listed is for Optimax Radiant. For other lighting options please contact your sales representative.
- Anti-condensate heat values for Eliminaator and Vista C represent a door with no heat on the glass.
- 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.
- Light wattages above reflect 100% run time. To determine actual daily energy usage at 75°F/55%RH conditions, reduce the light wattages above by 42%.



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SECOND NATURE DATA								
Case Model	No. of Coils	Application	Front Sill height	BTUH/Door		GPM/ft (DR)	Supply Fluid Temp (°F)	Discharge Air Temp (°F)
				Conventional	Parallel			
ORBR	1	Deli/Dairy	Std. Reach In	301	294	0.16	20	36
ORBR	1	Deli/Dairy	Std. Reach In	301	294	0.44	25	36

SECOND NATURE DATA									
Case Model	No. of Coils	Application	Front Sill height	Supply Fluid Temp (°F)	No. of Defrost	Timed-Off Defrost		Warm Fluid Defrost	
						Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)
ORBR	1	Deli/Dairy	Std. Reach In	20	4	60	47	26	49
ORBR	1	Deli/Dairy	Std. Reach In	25	4	45	47	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



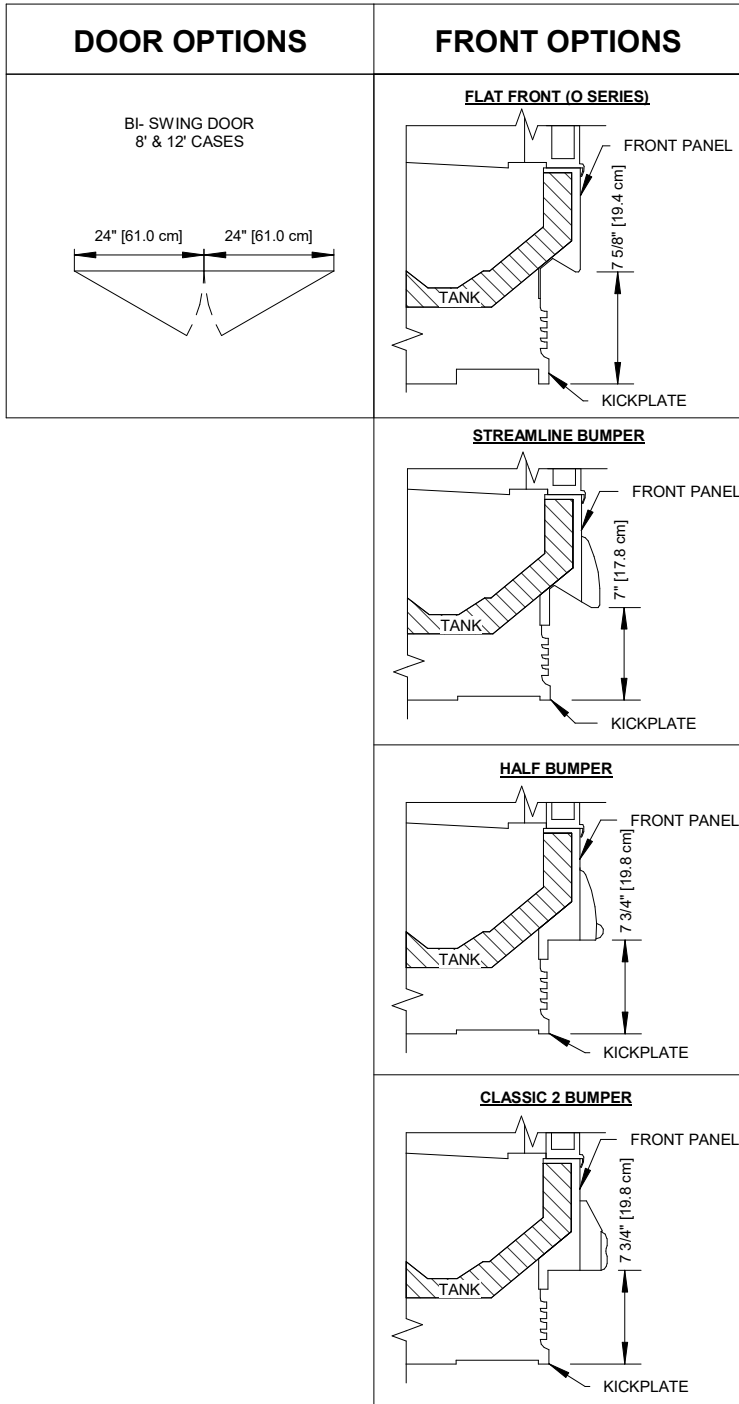
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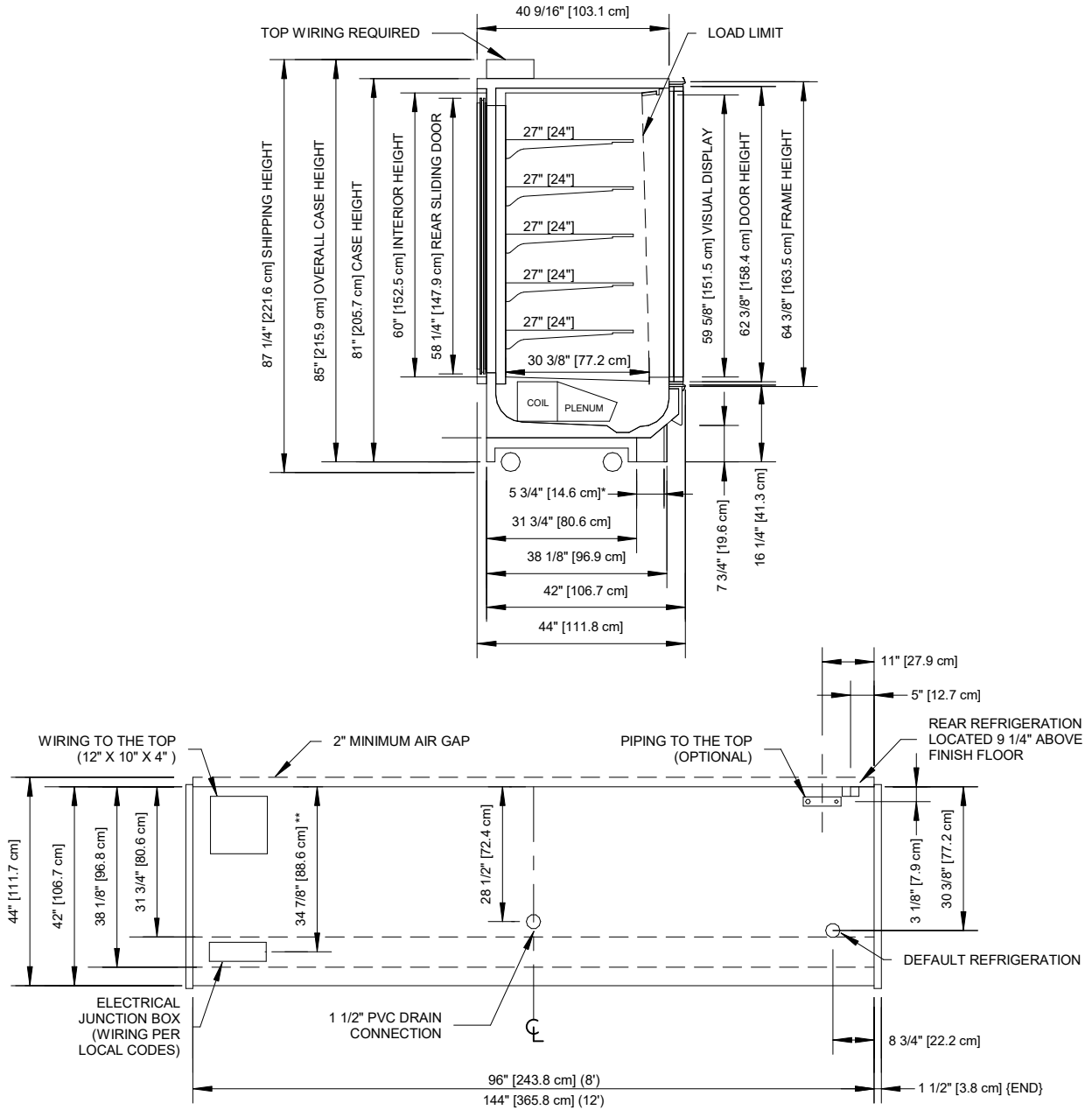
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Notes:

- * : STUB-UP AREA.
- ** : RECOMMENDED STUB-UP CENTERLINE FOR ELECTRICAL AND HUB DRAINS.

- Ends add approximately 1" to case height, 1/2" to the back & 1" to the front.
- Peg shelving systems are not to be used with rear-loading cases.



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