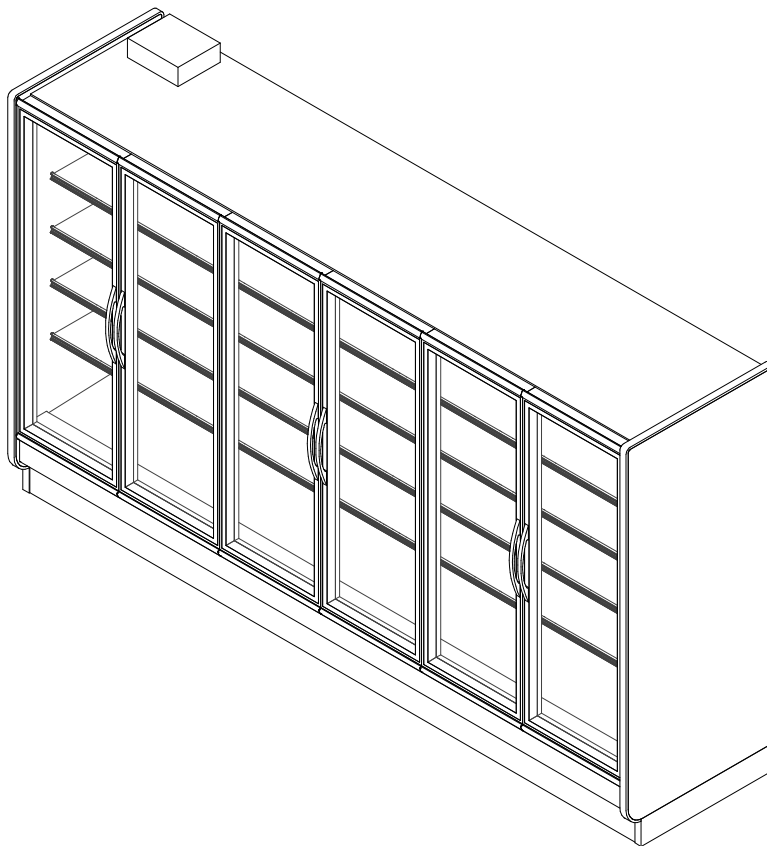


GENERAL NOTES:

- 6-foot cases are french door, consisting of 3 (24") doors.
- 8-foot case are french door, consisting of 4 (24") doors.
- 12-foot cases are french door, consisting of 6 (24") doors.
- Lighting controls - occupancy sensors are optional.



SHIPPING WEIGHT	
Case	Weight
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ELECTRICAL DATA			
Case Length	Fans Per Case	High Efficiency Fans	
		120 Volts	
		Amps	Watts
2 Door	1	0.34	22.5
3 Door	2	0.68	45.0
4 Door	2	0.68	45.0
5 Door	3	1.01	67.5
6'	2	0.44	53
8'	2	0.44	53
12'	3	0.66	79

LIGHTING DATA					
Case Length	Door Size	OP7 Single Swing		OP7 French Swing	
		120 Volts		120 Volts	
		Amps	Watts	Amps	Watts
2 Door	30"	0.28	33.0	---	---
3 Door	30"	0.41	49.2	---	---
4 Door	30"	0.55	65.4	---	---
5 Door	30"	0.68	81.6	---	---
6'	24"	---	---	0.44	52.3
8'	24"	---	---	0.44	52.3
12'	24"	---	---	0.64	76.6

ANTI CONDENSATE DATA					
Case Length	Door Size	101 Frames		Vista Frames	
		Un Heated Doors		Un Heated Doors	
		ELMD, I90		I60	
		120 Volts		120 Volts	
		Amps	Watts	Amps	Watts
2 Door	30"	0.36	43	0.36	43
3 Door	30"	0.55	66	0.55	66
4 Door	30"	0.75	90	0.75	90
5 Door	30"	0.94	113	0.94	113
6'	24"	0.39	47	0.39	47
8'	24"	0.43	52	0.43	52
12'	24"	0.68	82	0.68	82



COMPONENT

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GUIDELINES AND CONTROL SETTINGS {DIRECT EXPANSION HFC/CO2}

Application	Case Length	Door Size	Refrigeration Load Per Door (BTU/H)		Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
			Conventional	Parallel				
Bakery/Dairy/Cut Produce/Deli	2 - 5 Door	30"	602	572	6 - 8	30	37	230
Bakery/Dairy/Cut Produce/Deli	6'	24"	400	394	6 - 8	30	37	230
Bakery/Dairy/Cut Produce/Deli	8'	24"	400	394	6 - 8	30	37	230
Bakery/Dairy/Cut Produce/Deli	12'	24"	400	394	6 - 8	30	37	230
Beverage	2 - 5 Door	30"	560	532	6 - 8	34	39	230
Beverage	6'	24"	392	386	6 - 8	34	39	230
Beverage	8'	24"	392	386	6 - 8	34	39	230
Beverage	12'	24"	392	386	6 - 8	34	39	230
Meat/Seafood	2 - 5 Door	30"	641	609	6 - 8	28	33	230
Meat/Seafood	6'	24"	480	443	6 - 8	28	33	230
Meat/Seafood	8'	24"	480	443	6 - 8	28	33	230
Meat/Seafood	12'	24"	480	443	6 - 8	28	33	230

DEFROST CONTROLS {DIRECT EXPANSION HFC/CO2}

Defrosts Per Day	Timed-Off Defrost	
	Fail-Safe (Min)	Termination Temp (°F)
2	46	39

NOTES:

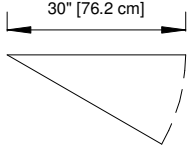
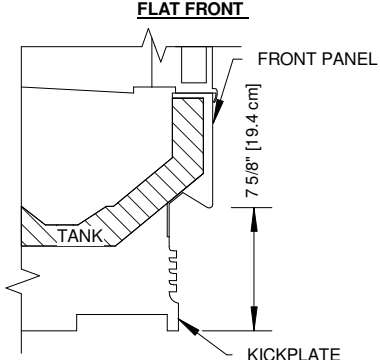
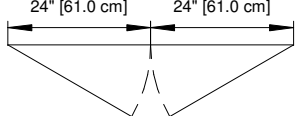
- "---" indicates that this feature is not an option on this case model and/or the data is not yet available yet.
- Anti-condensate heat values represent a door with no glass heat.
- Listed discharge air velocity represents the average velocity at the peak of defrost using a Testo 410i Anemometer.
- 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.
- Discharge air temperature values represent readings taken within the upper air channel immediately behind/upstream of the honeycomb.
- For optimal performance in HFC applications, it is recommended to close the liquid line and close the suction line during defrost. Defrost parameters may need to be adjusted if other methods are used.
- Data listed for the 6', 8', and 12' case models are preliminary values and may be subject to change once final testing is completed.



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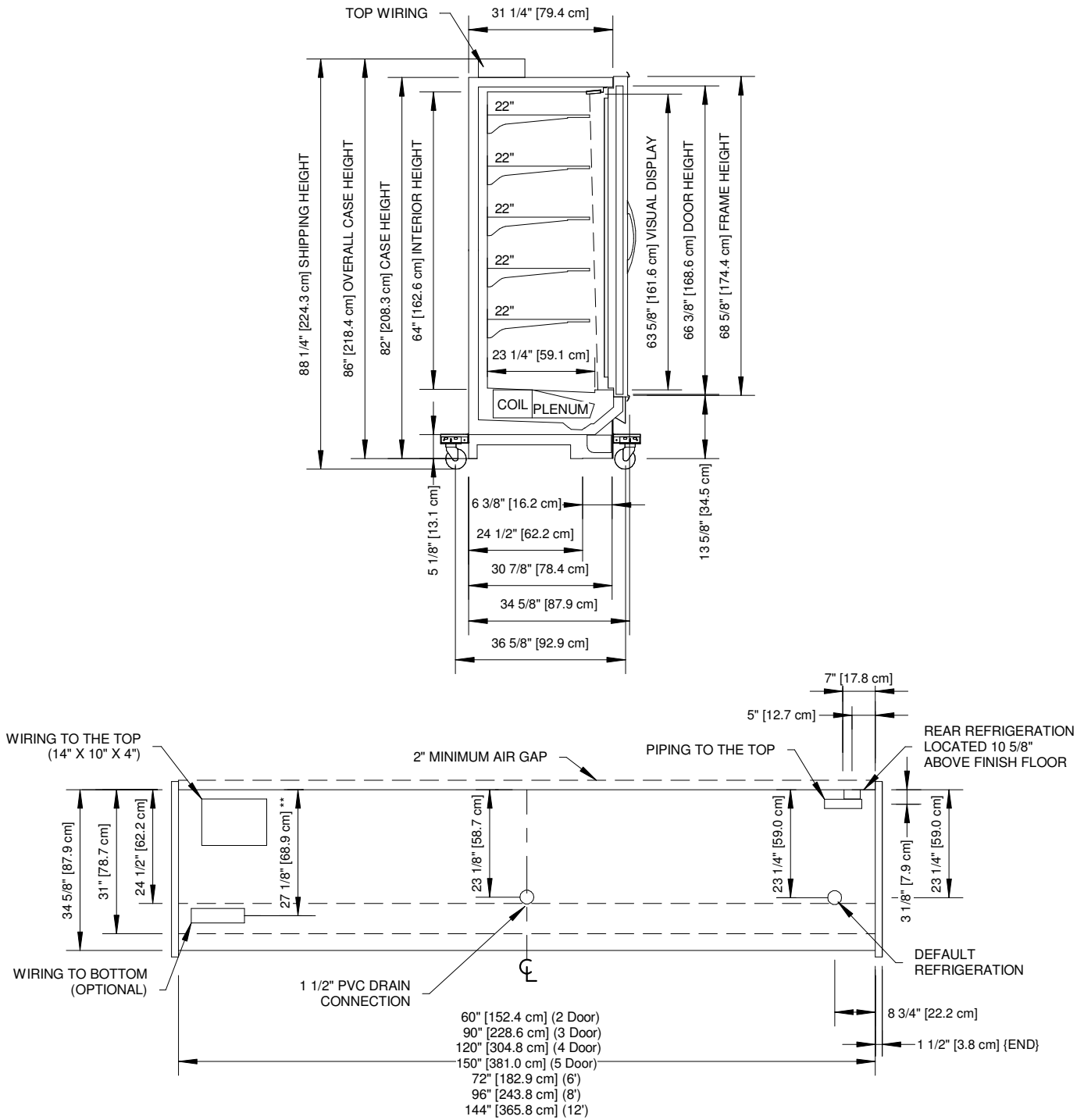
DOOR OPTIONS	FRONT OPTIONS
<p>STANDARD SWING DOOR 2, 3, 4, & 5 - DOOR CASES</p> 	<p>FLAT FRONT</p> 
<p>FRENCH DOOR 6', 8' & 12' CASES</p> 	



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DRAIN LOCATION FROM CENTERLINE							
CASE LENGTH	2DR	3DR	4DR	5DR	6'	8'	12'
"X"	0"	- 0.5"	0"	0"	---	---	---

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.



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