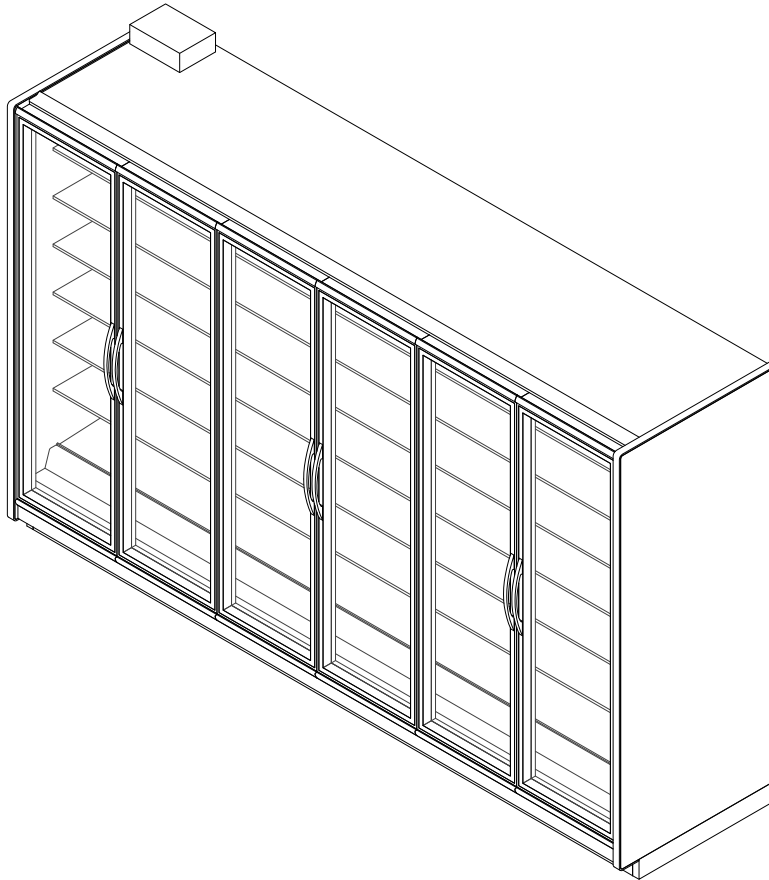


## GENERAL NOTES

- 4-foot cases single swing consist of 2 (24") doors.
- 6-foot cases single swing consist of 3 (24") doors.
- 8-foot cases single swing consist of 3 (32") doors.
- 8-foot cases Bi-swing consist of 4 (24") doors.
- 12-foot cases single swing consist of 4 (36") doors.
- 12-foot cases Bi-swing consist of 6 (24") doors.
- Door frames are heated. Doors are not heated.
- 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.



SHIPPING WEIGHT	
Case	Weight
VNRBH	1000-2000 LBs



COMPONENT

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ELECTRICAL DATA			
Case Length	Number of Fans	High Fans	
		120 Volts	
		Amps	Watts
2 Door	2	0.43	52
3 Door	3	0.65	78
4 Door	4	0.87	104
5 Door	5	1.08	130
4'	1	0.22	26
6'	2	0.43	52
8'	2	0.43	52
12'	3	0.65	78

LIGHTING DATA							
Case Length	Door Size	OP45		OP55 (French Swing Only)		Optimax Pro 24 Low	
		120 Volts		120 Volts		120 Volts	
		Amps	Watts	Amps	Watts	Amps	Watts
2 Door	30"	0.36	43.1	---	---	0.31	36.8
3 Door	30"	0.54	65.2	---	---	0.46	54.8
4 Door	30"	0.73	87.3	---	---	0.61	72.8
5 Door	30"	0.91	109.4	---	---	0.76	90.8
4'	24"	---	---	0.26	31.0	0.28	33.7
6'	24"	---	---	0.52	61.9	0.51	60.6
8'	24"	---	---	0.52	61.9	0.56	66.6
8'	32"	0.54	65.2	---	---	0.46	54.8
12'	24"	---	---	0.77	92.8	0.83	99.5
12'	36"	0.73	87.3	---	---	0.61	72.8

ANTI CONDENSATE DATA						
Case Length	Door Size	Number of Doors	101 Frames		Vista Frames	
			Un Heated Doors		Un Heated Doors	
			ELMD, ELMH, I90		Vista C, I60, Elite	
			120 V		120 V	
			Amps	Watts	Vista-C Amps	Vista-C Watts
2 Door	30"	2	0.37	44	0.37	44
3 Door	30"	3	0.58	70	0.58	70
4 Door	30"	4	0.81	97	0.81	97
5 Door	30"	5	1.02	122	1.02	122
4'	24"	2	0.19	23	0.19	23
6'	24"	3	0.40	48	0.40	48
8'	24"	4	0.44	53	0.44	53
8'	24"	4	0.44	53	0.44	53
12'	24"	6	0.71	85	0.71	85
12'	36"	4	0.86	103	0.86	103



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GUIDELINES AND CONTROL DATA								
Application	Case Length	Door Size	BTUH/door		Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
			Conventional	Parallel				
Beverage/Produce	2 - 5 Door	30"	565	565	6 - 8	34	39	270
Beverage/Produce	4'	24"	455	450	6 - 8	34	39	270
Beverage/Produce	6'	24"	455	450	6 - 8	34	39	270
Beverage/Produce	8'	24"	455	450	6 - 8	34	39	270
Beverage/Produce	8'	32"	605	600	6 - 8	34	39	270
Beverage/Produce	12'	24"	455	450	6 - 8	34	39	270
Beverage/Produce	12'	36"	680	675	6 - 8	34	39	270
Deli/Dairy/Cut Produce	2 - 5 Door	30"	600	595	6 - 8	31	36	270
Deli/Dairy/Cut Produce	4'	24"	480	475	6 - 8	31	36	270
Deli/Dairy/Cut Produce	6'	24"	480	475	6 - 8	31	36	270
Deli/Dairy/Cut Produce	8'	24"	480	475	6 - 8	31	36	270
Deli/Dairy/Cut Produce	8'	32"	640	635	6 - 8	31	36	270
Deli/Dairy/Cut Produce	12'	24"	480	475	6 - 8	31	36	270
Deli/Dairy/Cut Produce	12'	36"	720	715	6 - 8	31	36	270
Meat	2 - 5 Door	30"	625	615	6 - 8	28	34	270
Meat	4'	24"	500	490	6 - 8	28	34	270
Meat	6'	24"	500	490	6 - 8	28	34	270
Meat	8'	32"	500	490	6 - 8	28	34	270
Meat	8'	32"	665	655	6 - 8	28	34	270
Meat	12'	36"	500	490	6 - 8	28	34	270
Meat	12'	24"	750	735	6 - 8	28	34	270

DEFROST DATA		
Defrosts Per Day	Timed-Off Defrost	
	Fail-Safe (Min)	Termination Temp (°F)
2	30	38

### NOTES

- "---" indicates that this feature is not an option on this case model and/or the data is not yet available.
- Data listed is for Optimax Radiant and low power Optimax Pro (high power available). For other lighting options please contact your sales representative.
- 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%.



VNRBH

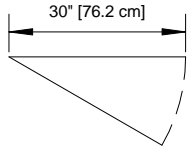
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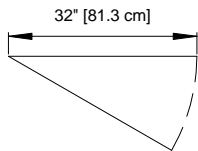


## DOOR OPTIONS

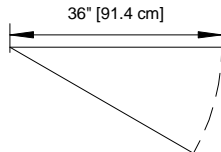
STANDARD SWING DOOR  
2,3,4,5 - DOOR CASES



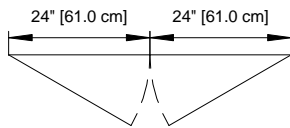
STANDARD SWING DOOR  
8' CASE



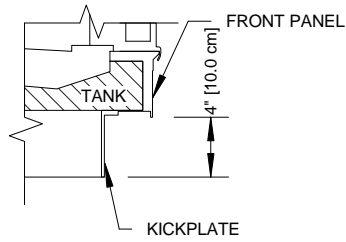
STANDARD SWING DOOR  
12' CASE



BI-SWING DOOR  
4,8' & 12' CASES



### FLAT FRONT (V SERIES)

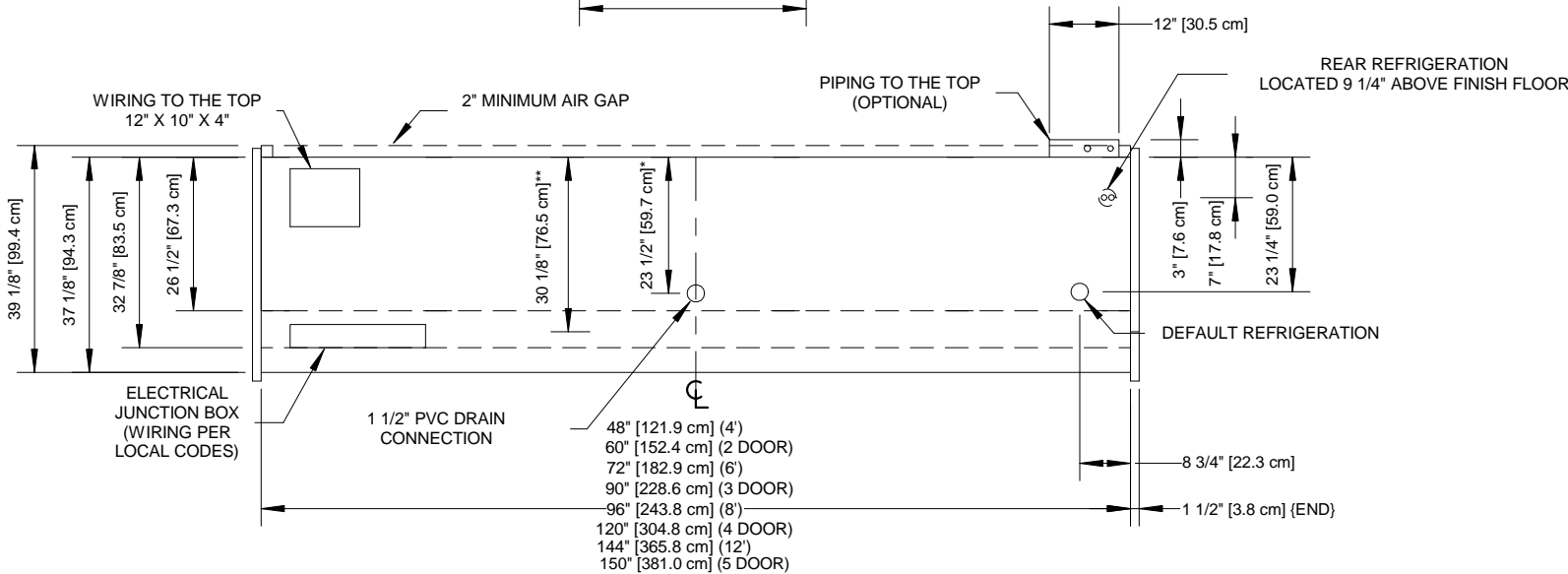
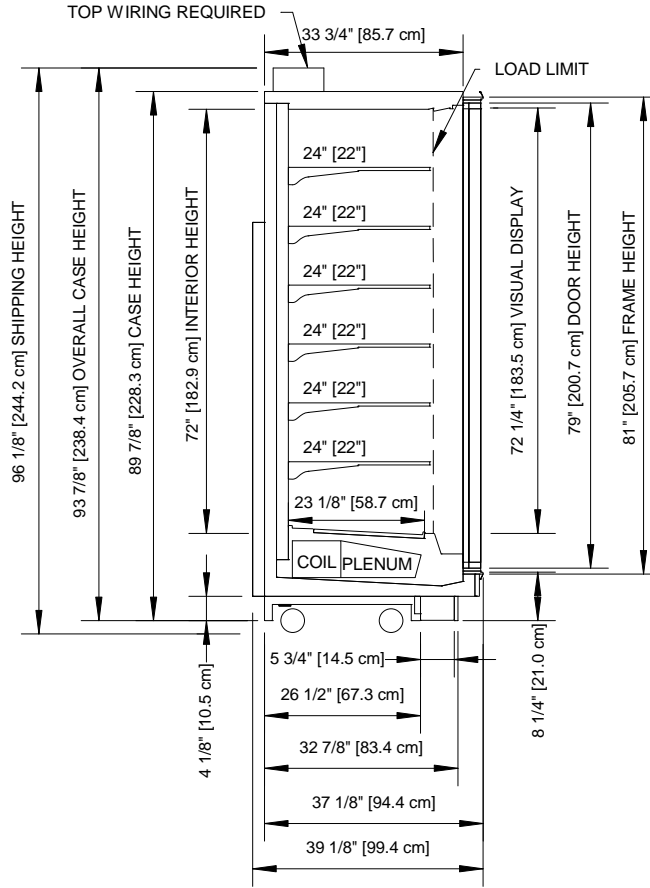


COMPONENT

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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.



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