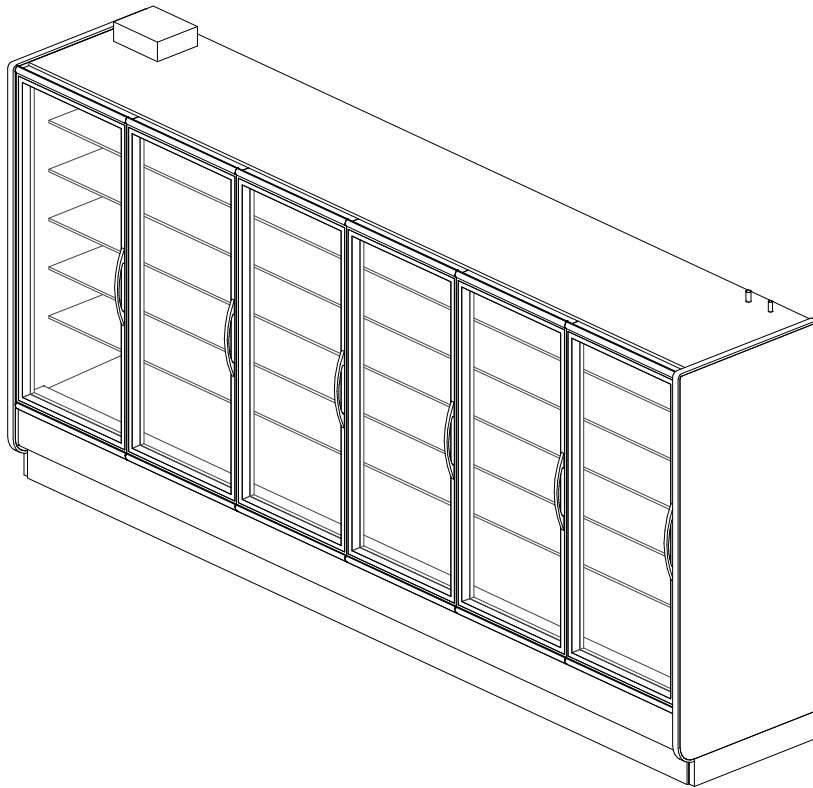


ONRZH

2, 3, 4, 5 & 6 Door High Narrow Reach-In Glass Door Merchandiser Frozen Food/Ice Cream

GENERAL NOTES:

- "---" indicates that the feature is not an option with this case model and/or the data is not available at this time.
- Light controls - occupancy sensors are required.
- Option 1: OEM Provided: OEM anti-condensate and lighting controls (on/off) are standard unless otherwise specified.
- Option 2: End User Provided: Light 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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Rev. Date	Rev. #	Rev. Title
05-09-23	10	DATA UPDATE
04-21-23	9	CASE OPTIONS

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2, 3, 4, 5 & 6 Door High Narrow Reach-In Glass Door Merchandiser Frozen Food/Ice Cream

ELECTRICAL DATA

Case Length	Fans Per Case	High Efficiency Fans		Tank Heaters		Defrost Heaters (1-Phase)				Defrost Heaters (3-Phase)			
		120 Volts		120 Volts		208 Volts		240 Volts		208 Volts		240 Volts	
		Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
2 Door	2	0.60	50	1.50	152	7.50	1552	8.60	2068	6.50	1552	7.50	2068
3 Door	3	1.00	75	1.60	171	10.90	2274	12.60	3018	9.50	2274	10.90	3018
4 Door	4	1.30	100	1.90	226	14.30	2984	16.60	3992	12.40	2984	14.40	3992
5 Door	5	1.60	125	2.30	275	17.50	3640	20.20	4840	15.10	3640	17.40	4840
6 Door	6	1.90	150	2.70	320	20.30	4224	23.4	5624	17.60	4224	20.30	5624

LIGHTING DATA

Case Length	Door Size	OP45		OP7 Single Swing	
		120 Volts		120 Volts	
		Amps	Watts	Amps	Watts
2 Door	30"	0.36	43.1	0.28	33.0
3 Door	30"	0.54	65.2	0.41	49.2
4 Door	30"	0.73	87.3	0.55	65.4
5 Door	30"	0.91	109.4	0.68	81.6
6 Door	30"	1.10	131.5	0.82	97.8

ANT-CONDENSATE DATA

Case Length	Door Size	Individual Circuits									
		190 Doors				ELMD,ELMH Doors				Door Frame	
		Heated Doors		Low E Doors		Heated Doors		Low E Doors		101-LE	
		120 Volts		120 Volts		120 Volts		120 Volts		120 Volts	
		Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
2 Door	30"	0.56	67	0.34	40	0.64	76	0.38	45	1.26	151
3 Door	30"	0.84	101	0.51	61	0.95	114	0.57	68	1.76	211
4 Door	30"	1.12	135	0.67	81	1.27	152	0.76	91	2.29	275
5 Door	30"	1.40	169	0.84	101	1.59	191	0.95	114	2.78	334
6 Door	30"	1.69	202	1.01	121	1.91	229	1.14	136	3.28	394

GUIDELINES AND CONTROL SETTINGS {DIRECT EXPANSION HFC/CO2}

Application	Door	BTUH/door		Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
		Conventional	Parallel				
Frozen Food	Heated	1044	1014	3 - 5	- 7	- 1	350
Frozen Food	Low E	988	960	3 - 5	- 7	- 1	350
Ice Cream	Heated	1091	1060	3 - 5	- 15	- 8	350
Ice Cream	Low E	1027	998	3 - 5	- 15	- 8	350



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05-09-23	10	DATA UPDATE
04-21-23	9	CASE OPTIONS

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DEFROST CONTROLS {DIRECT EXPANSION HFC/CO2}						
Defrosts Per Day	Electric Defrost			Hot Gas Defrost		
	Fail-Safe (Min)	Termination Temp (°F)	Run-Off Time (Min)	Fail-Safe (Min)	Termination Temp (°F)	Run-Off Time (Min)
1	46	50	0	24	73	13 - 15

NOTES:

- "----" indicates that this feature is not an option on this case model.
- Door / Frame A/S circuits and fans share the same circuit (same cycle). Default jumpers can be removed in field if separate circuits are desired for A/S and fans.
- Drain heater and fan motors share the same circuit (separate cycles). Electrical circuits must be properly sized to accommodate the higher current draw of the tank heater
- Defrost heater 3-phase load is unbalanced.
- 3-phase defrost heater data listed represents the maximum amps per phase.
- Anti-condensate heat values for Low E doors 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.
- No run-off time required for electrical defrost.
- Typical electric defrost time is 20 minutes when ambient conditions are 75°F / 55%RH.
- Light and A/S 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% and reduce the A/S values above by the minimum off time.
- Discharge air temperature values represent readings taken within the upper air channel immediately behind/upstream of the honeycomb.

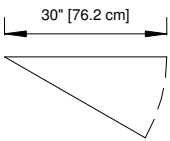
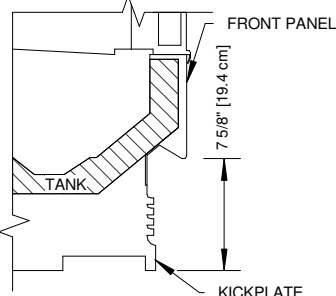
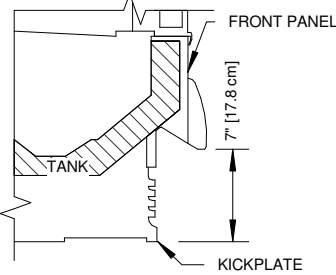
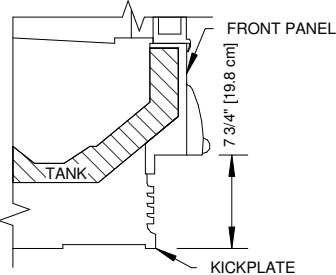
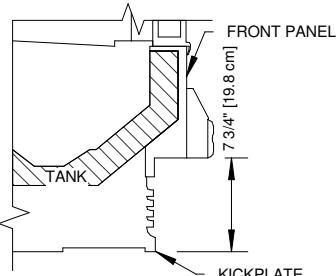


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Rev. Date	Rev. #	Rev. Title
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04-21-23	9	CASE OPTIONS



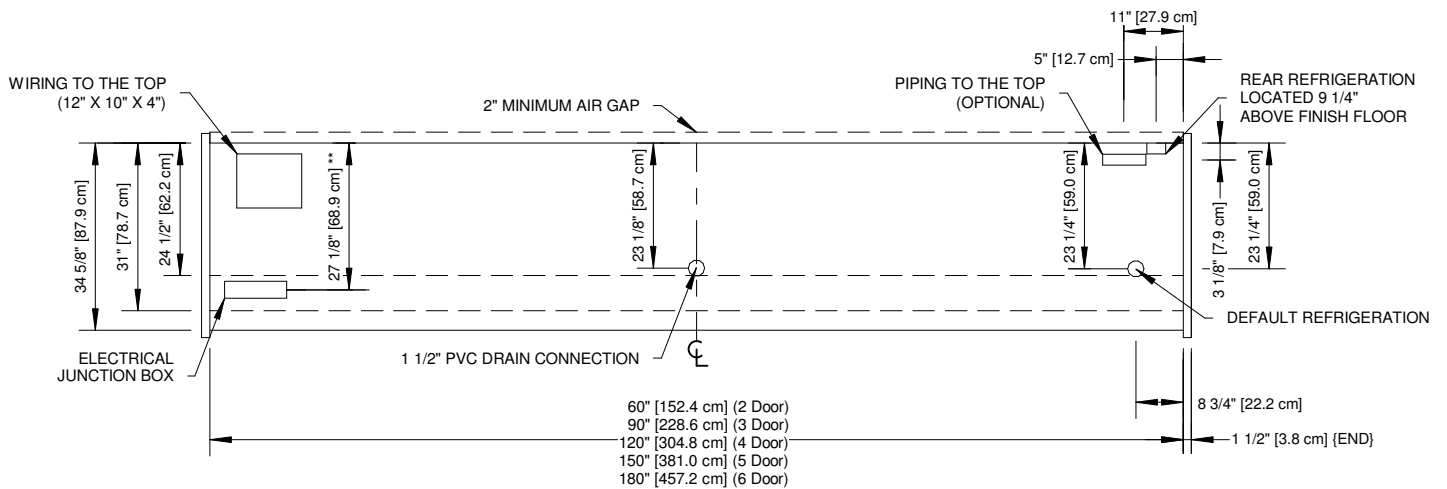
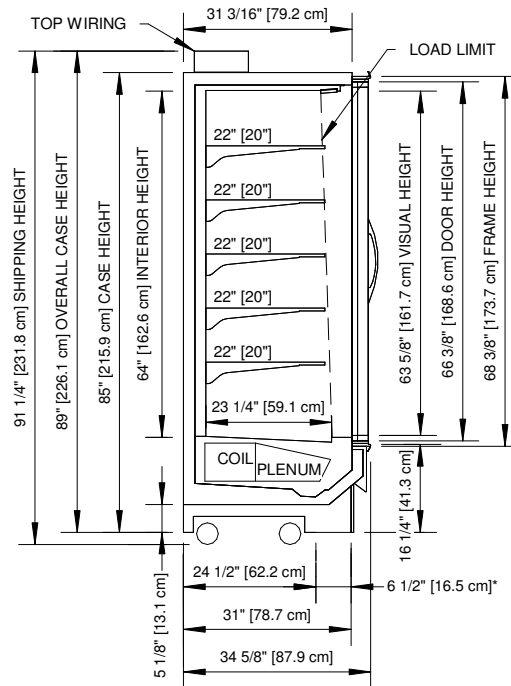
DOOR OPTIONS	FRONT OPTIONS
<p>STANDARD SWING DOOR 2, 3, 4, 5, & 6 - DOOR CASES</p> 	<p>FLAT FRONT (O SERIES)</p> 
	<p>STREAMLINE BUMPER</p> 
	<p>HALF BUMPER</p> 
	<p>CLASSIC 2 BUMPER</p> 



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Rev. Date	Rev. #	Rev. Title
05-09-23	10	DATA UPDATE
04-21-23	9	CASE OPTIONS



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.
- SoloChill Units are not available on the 1 Door case length. This case length is remote mount due to the length of the SoloChill Units.



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