

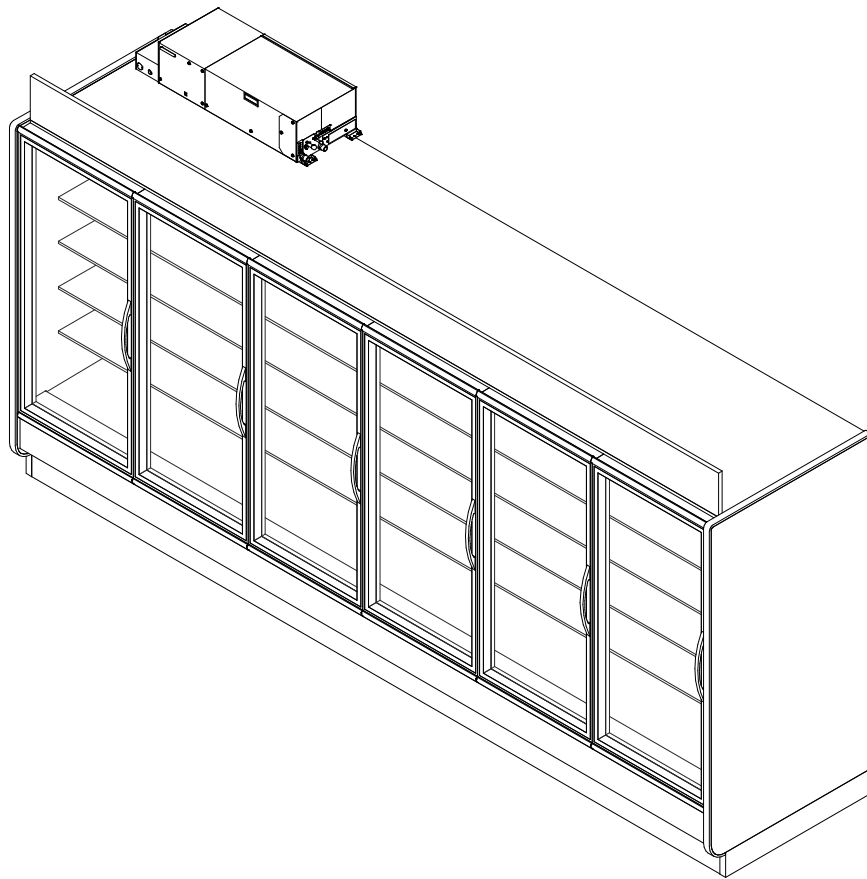
ORBQA

1, 2, 3, 4, 5 & 6 Door / 4', 6', 8' & 12' Reach-In Merchandiser
Beverage/Bakery/Dairy/Cut Produce/Deli/Meat/Seafood

SOLOCHILL
MICRO-DISTRIBUTED

GENERAL NOTES:

- 4-foot cases Bi-Swing consist of 2 (24") doors.
- 6-foot cases Bi-Swing swing consist of 3 (24") doors.
- 8-foot case Bi-swing consist of 4 (24") doors.
- 12-foot cases Bi-swing consist of 6 (24") doors.
- 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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Rev. Date	Rev. #	Rev. Title
20-10-20	5	SOLOCHILL V5
7-13-20	4	DATA UPDATE

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ELECTRICAL DATA			
Case Length	Fans Per Case	High Efficiency Fans	
		120 Volts	
		Amps	Watts
1 Door	1	0.22	26
2 Door	2	0.44	53
3 Door	3	0.66	79
4 Door	4	0.88	106
5 Door	5	1.10	132
6 Door	6	1.32	158
4'	1	0.22	26
6'	2	0.44	53
8'	2	0.44	53
12'	3	0.66	79

LIGHTING DATA							
Case Length	Door Size	OP45		OP7 Single Swing		OP7 French Swing	
		120 Volts		120 Volts		120 Volts	
		Amps	Watts	Amps	Watts	Amps	Watts
1 Door	31"	0.18	21.0	0.14	16.8	---	---
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	---	---
4'	24"	---	---	---	---	0.23	28.0
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	Number of Doors	101 Frames		Vista Frames	
			Un Heated Doors		Un Heated Doors	
			ELMD, ELMH, I90		Vista C, I60	
			120 Volts		120 Volts	
			Amps	Watts	Amps	Watts
1 Door	31"	1	0.16	19	0.16	19
2 Door	30"	2	0.32	38	0.32	38
3 Door	30"	3	0.50	60	0.50	60
4 Door	30"	4	0.69	83	0.69	83
5 Door	30"	5	0.86	103	0.86	103
6 Door	30"	6	1.06	127	1.06	127
4'	24"	2	0.18	22	0.18	22
6'	24"	3	0.35	42	0.35	42
8'	24"	4	0.39	47	0.39	47
12'	24"	6	0.63	76	0.63	76



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DEFROST CONTROLS		
Defrosts Per Day	Timed-Off Defrost	
	Fail-Safe (Min)	Termination Temp (°F)
4	30	47

NOTES:

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



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SOLOCHILL DATA			@95° Condensing Temperature	
Volts	Phase	Frequency	Wire	
208	1	60	3 Wire + Ground	
Application	Case Length	Evaporator Temp (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
BEVERAGE	1 Door	34	40	215
BEVERAGE	2 Door	34	40	215
BEVERAGE	3 Door	34	40	215
BEVERAGE	4 Door	34	40	215
BEVERAGE	5 Door	34	40	215
BEVERAGE	6 Door	34	40	215
BEVERAGE	4'	34	40	215
BEVERAGE	6'	34	40	215
BEVERAGE	8'	34	40	215
BEVERAGE	12'	34	40	215
DAIRY/DELI	1 Door	30	36	215
DAIRY/DELI	2 Door	30	36	215
DAIRY/DELI	3 Door	30	36	215
DAIRY/DELI	4 Door	30	36	215
DAIRY/DELI	5 Door	30	36	215
DAIRY/DELI	6 Door	30	36	215
DAIRY/DELI	4'	30	36	215
DAIRY/DELI	6'	30	36	215
DAIRY/DELI	8'	30	36	215
DAIRY/DELI	12'	30	36	215
MEAT	1 Door	28	34	215
MEAT	2 Door	28	34	215
MEAT	3 Door	28	34	215
MEAT	4 Door	28	34	215
MEAT	5 Door	28	34	215
MEAT	6 Door	28	34	215
MEAT	4'	28	34	215
MEAT	6'	28	34	215
MEAT	8'	28	34	215
MEAT	12'	28	34	215



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20-10-20	5	SOLOCHILL V5
7-13-20	4	DATA UPDATE



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Application	Case Length	R448A					
		Condensing Unit Model	MCA	MOP	Required Capacity	THR (BTUH)	Flow Rate
BEVERAGE	1 Door	Remote	---	---	---	---	---
BEVERAGE	2 Door	DA091	8.5	15	1000	1533	0.4
BEVERAGE	3 Door	DA091	9.0	15	1500	2256	0.6
BEVERAGE	4 Door	DA091	9.5	15	2000	2981	0.9
BEVERAGE	5 Door	DA091	10.0	15	2500	3707	1.1
BEVERAGE	6 Door	DA091	10.5	15	3000	4435	1.3
BEVERAGE	4'	DA091	8.1	15	800	1242	0.4
BEVERAGE	6'	DA091	8.7	15	1200	1819	0.5
BEVERAGE	8'	DA091	8.7	15	1600	2396	0.7
BEVERAGE	12'	DA091	9.3	15	2400	3554	1.0
DAIRY/DELI	1 Door	Remote	---	---	---	---	---
DAIRY/DELI	2 Door	DA091	8.5	15	1120	1556	0.4
DAIRY/DELI	3 Door	DA091	9.0	15	1680	2290	0.7
DAIRY/DELI	4 Door	DA091	9.5	15	2240	3027	0.9
DAIRY/DELI	5 Door	DA091	10.0	15	2800	3765	1.1
DAIRY/DELI	6 Door	DA091	10.5	15	3360	4506	1.3
DAIRY/DELI	4'	DA091	8.1	15	890	1260	0.4
DAIRY/DELI	6'	DA091	8.7	15	1335	1846	0.5
DAIRY/DELI	8'	DA091	8.7	15	1780	2433	0.7
DAIRY/DELI	12'	DA091	9.3	15	2670	3610	1.0
MEAT	1 Door	Remote	---	---	---	---	---
MEAT	2 Door	DA091	8.5	15	1190	1568	0.4
MEAT	3 Door	DA091	9.0	15	1785	2308	0.7
MEAT	4 Door	DA091	9.5	15	2380	3051	0.9
MEAT	5 Door	DA091	10.0	15	2975	3796	1.1
MEAT	6 Door	DA091	10.5	15	3570	4544	1.3
MEAT	4'	DA091	8.1	15	950	1269	0.4
MEAT	6'	DA091	8.7	15	1425	1860	0.5
MEAT	8'	DA091	8.7	15	1900	2452	0.7
MEAT	12'	DA091	9.3	15	2850	3640	1.0

NOTES:

- 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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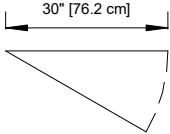
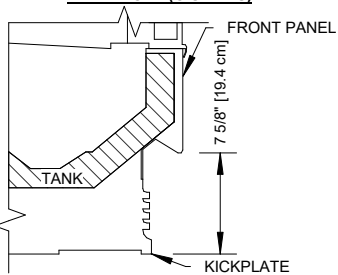
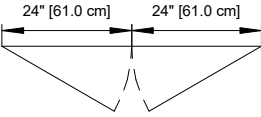
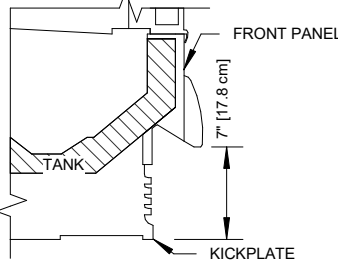
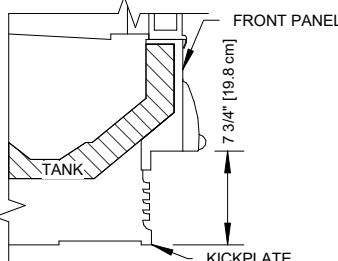
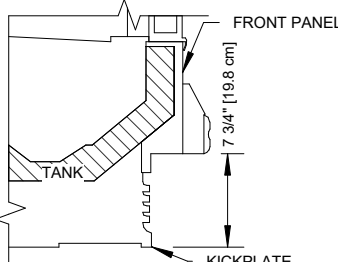
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DOOR OPTIONS	FRONT OPTIONS
<p>STANDARD SWING DOOR 1, 2, 3, 4, 5, & 6 - DOOR CASES</p> 	<p>FLAT FRONT (O SERIES)</p> 
<p>BI-SWING DOOR 4', 6', 8' & 12' CASES</p> 	<p>STREAMLINE BUMPER</p> 
	<p>HALF BUMPER</p> 
	<p>CLASSIC 2 BUMPER</p> 

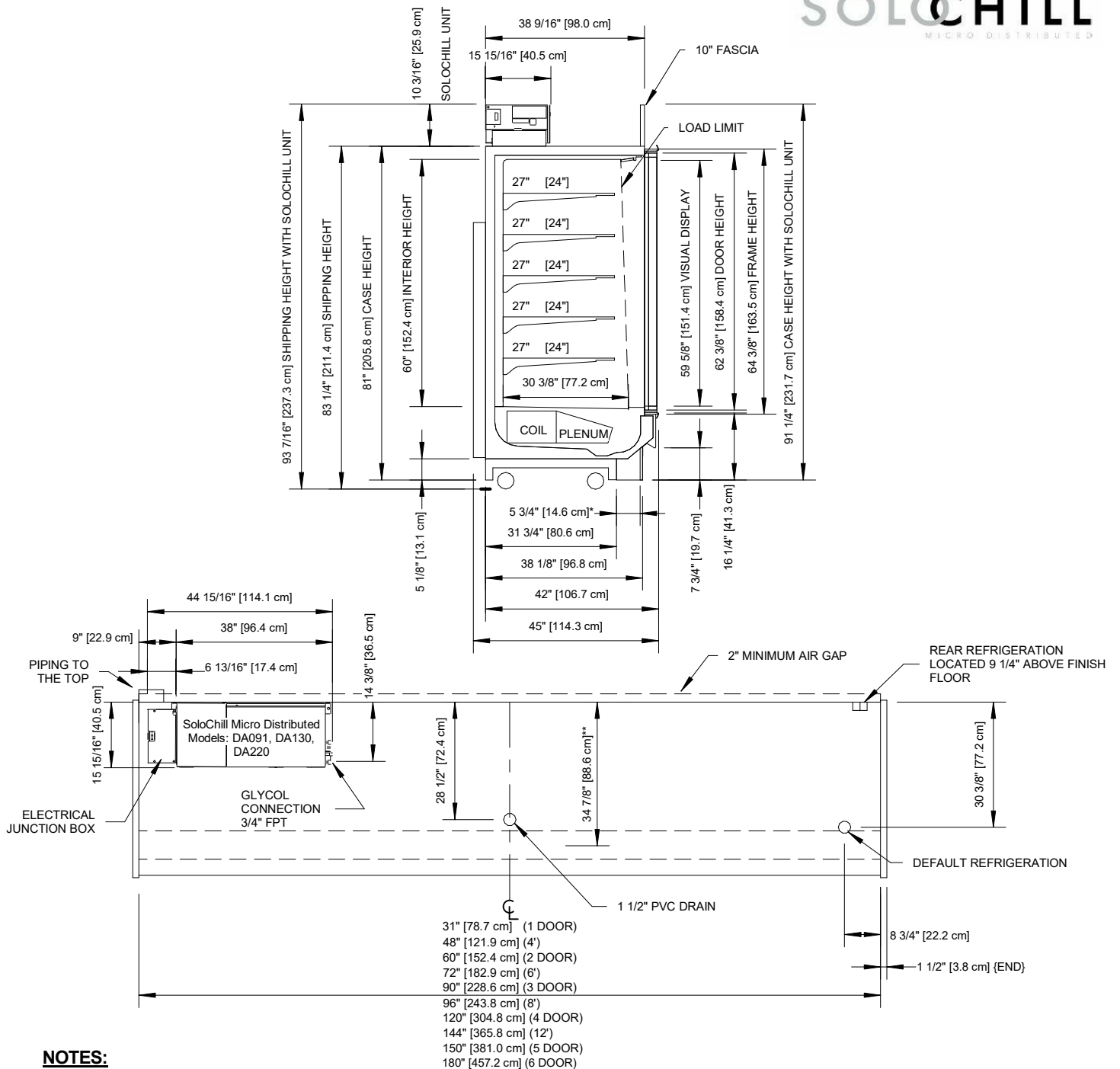


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NOTES:

* : 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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