

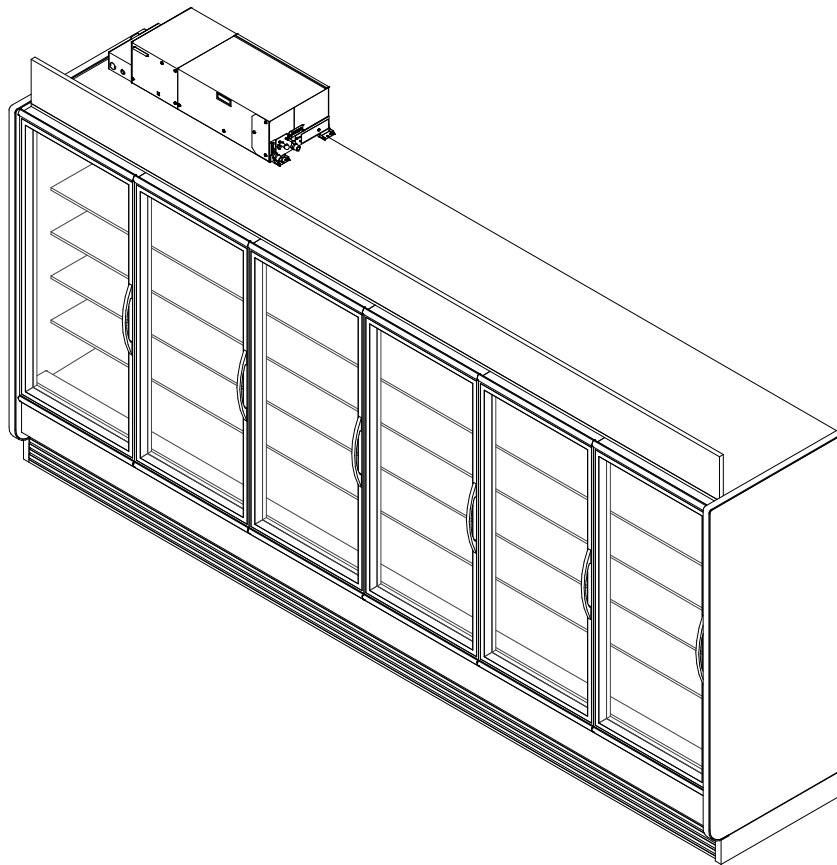
# ONRBQA

1, 2, 3, 4, 5 & 6 Door / 4', 6', 8' & 12' Narrow 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: Light controls should be based on occupancy sensors.



SHIPPING WEIGHT	
Case	Weight
ONRBQA	---



COMPONENT

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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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A DOVER COMPANY

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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	1.1	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		OP55 (French Swing Only)		OP7 Single Swing		OP7 French Swing	
		120 Volts		120 Volts		120 Volts		120 Volts	
		Amps	Watts	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"	---	---	0.26	31.0	---	---	0.23	28.0
6'	24"	---	---	0.52	61.9	---	---	0.44	52.3
8'	24"	---	---	0.52	61.9	---	---	0.44	52.3
12'	24"	---	---	0.77	92.8	---	---	0.64	76.6

**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 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.
- 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 acquire DOE representation, reduce light wattage by 42% at 75°F/55%RH conditions, reduce the light wattages above by 42%.
- Data listed is for Optimax Radiant and low power Optimax Pro (high power available). For other lighting options please contact your sales representative.



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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

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



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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	250	
Beverage	2 Door	34	40	250	
Beverage	3 Door	34	40	250	
Beverage	4 Door	34	40	250	
Beverage	5 Door	34	40	250	
Beverage	6 Door	34	40	250	
Beverage	4'	34	40	250	
Beverage	6'	34	40	250	
Beverage	8'	34	40	250	
Beverage	12'	34	40	250	
Deli/Dairy	1 Door	30	36	250	
Deli/Dairy	2 Door	30	36	250	
Deli/Dairy	3 Door	30	36	250	
Deli/Dairy	4 Door	30	36	250	
Deli/Dairy	5 Door	30	36	250	
Deli/Dairy	6 Door	30	36	250	
Deli/Dairy	4'	30	36	250	
Deli/Dairy	6'	30	36	250	
Deli/Dairy	8'	30	36	250	
Deli/Dairy	12'	30	36	250	
Meat	1 Door	28	34	250	
Meat	2 Door	28	34	250	
Meat	3 Door	28	34	250	
Meat	4 Door	28	34	250	
Meat	5 Door	28	34	250	
Meat	6 Door	28	34	250	
Meat	4'	28	34	250	
Meat	6'	28	34	250	
Meat	8'	28	34	250	
Meat	12'	28	34	250	



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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	1020	1546	0.4
Beverage	3 Door	DA091	9.0	15	1530	2274	0.7
Beverage	4 Door	DA091	9.5	15	2040	3005	0.9
Beverage	5 Door	DA091	10.0	15	2550	3737	1.1
Beverage	6 Door	DA091	10.5	15	3060	4471	1.3
Beverage	4'	DA091	8.1	15	810	1255	0.4
Beverage	6'	DA091	8.7	15	1215	1837	0.5
Beverage	8'	DA091	8.7	15	1620	2420	0.7
Beverage	12'	DA091	9.3	15	2430	3591	1.0
Deli/Dairy	1 Door	Remote	---	---	---	---	---
Deli/Dairy	2 Door	DA091	8.5	15	1040	1568	0.4
Deli/Dairy	3 Door	DA091	9.0	15	1560	2309	0.7
Deli/Dairy	4 Door	DA091	9.5	15	2080	3052	0.9
Deli/Dairy	5 Door	DA091	10.0	15	2600	3797	1.1
Deli/Dairy	6 Door	DA091	10.5	15	3120	4544	1.3
Deli/Dairy	4'	DA091	8.1	15	830	1273	0.4
Deli/Dairy	6'	DA091	8.7	15	1245	1864	0.5
Deli/Dairy	8'	DA091	8.7	15	1660	2457	0.7
Deli/Dairy	12'	DA091	9.3	15	2490	3647	1.0
Meat	1 Door	Remote	---	---	---	---	---
Meat	2 Door	DA091	8.5	15	1200	1580	0.5
Meat	3 Door	DA091	9.0	15	1800	2327	0.7
Meat	4 Door	DA091	9.5	15	2400	3076	0.9
Meat	5 Door	DA091	10.0	15	3000	3828	1.1
Meat	6 Door	DA091	10.5	15	3600	4582	1.3
Meat	4'	DA091	8.1	15	960	1282	0.4
Meat	6'	DA091	8.7	15	1440	1878	0.5
Meat	8'	DA091	8.7	15	1920	2477	0.7
Meat	12'	DA091	9.3	15	2880	3677	1.1



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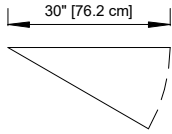
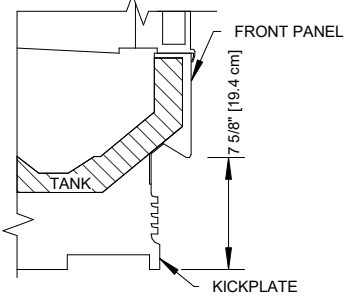
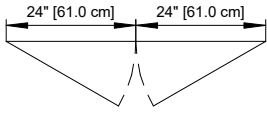
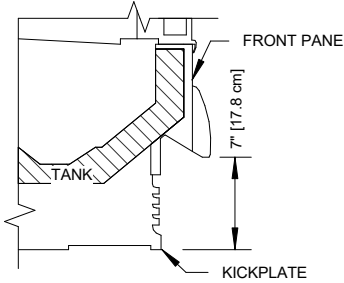
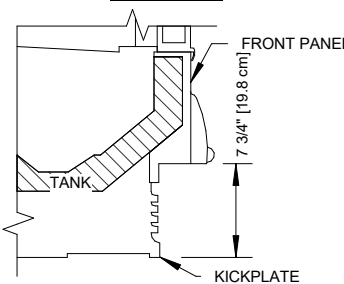
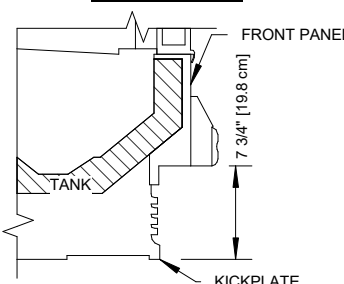
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DOOR OPTIONS	FRONT OPTIONS
<p>STANDARD SWING DOOR 1, 2, 3, 4, 5, &amp; 6 - DOOR CASES</p> 	<p><b>FLAT FRONT (O SERIES)</b></p> 
<p>BI- SWING DOOR 4', 6', 8' &amp; 12' CASES</p> 	<p><b>STREAMLINE BUMPER</b></p> 
	<p><b>HALF BUMPER</b></p> 
	<p><b>CLASSIC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



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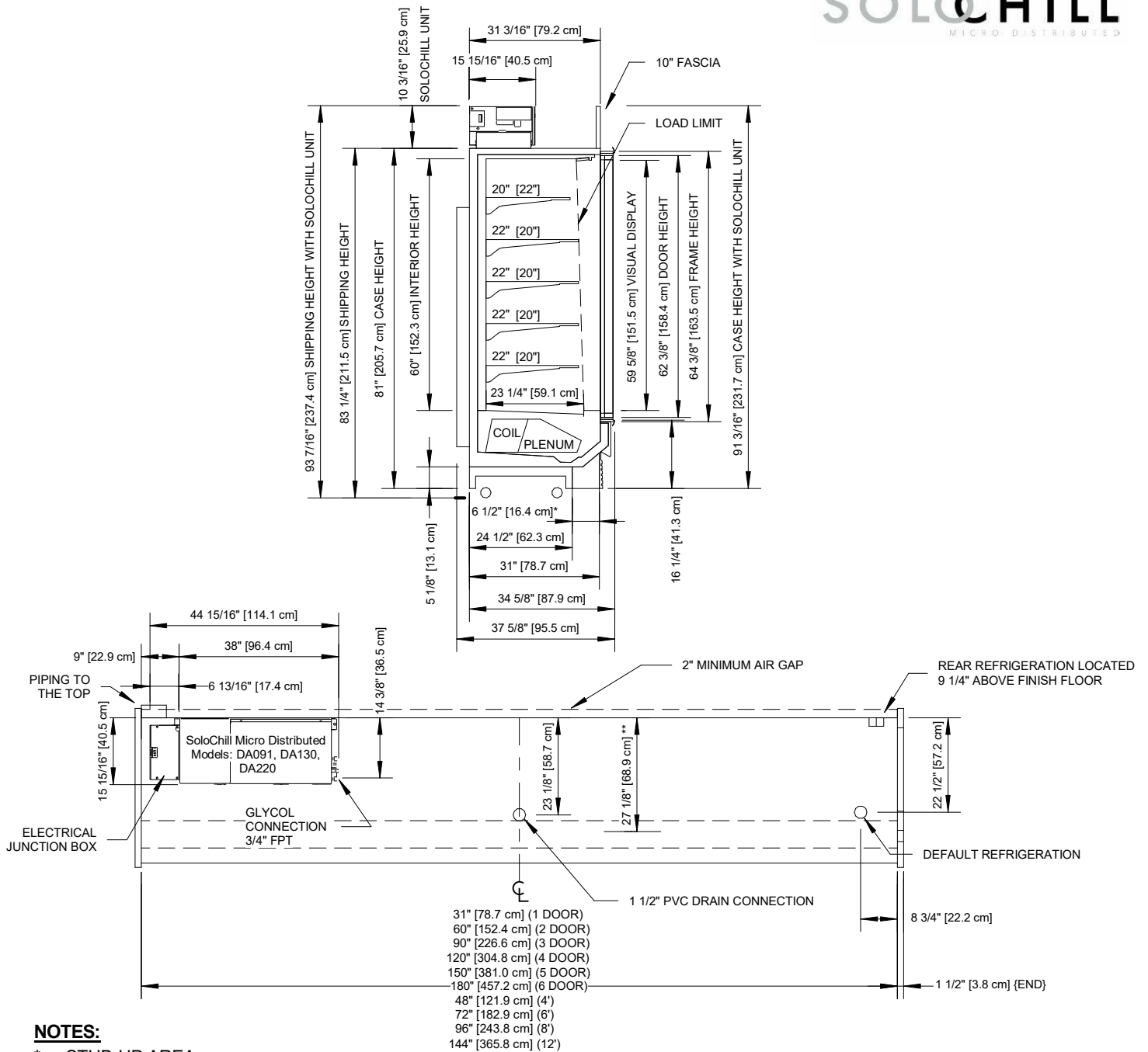
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**NOTES:**

\* : 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.
- Back panels add approximately 1" to the rear of the case.
- Vented kickplate adds 3/4".
- 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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