

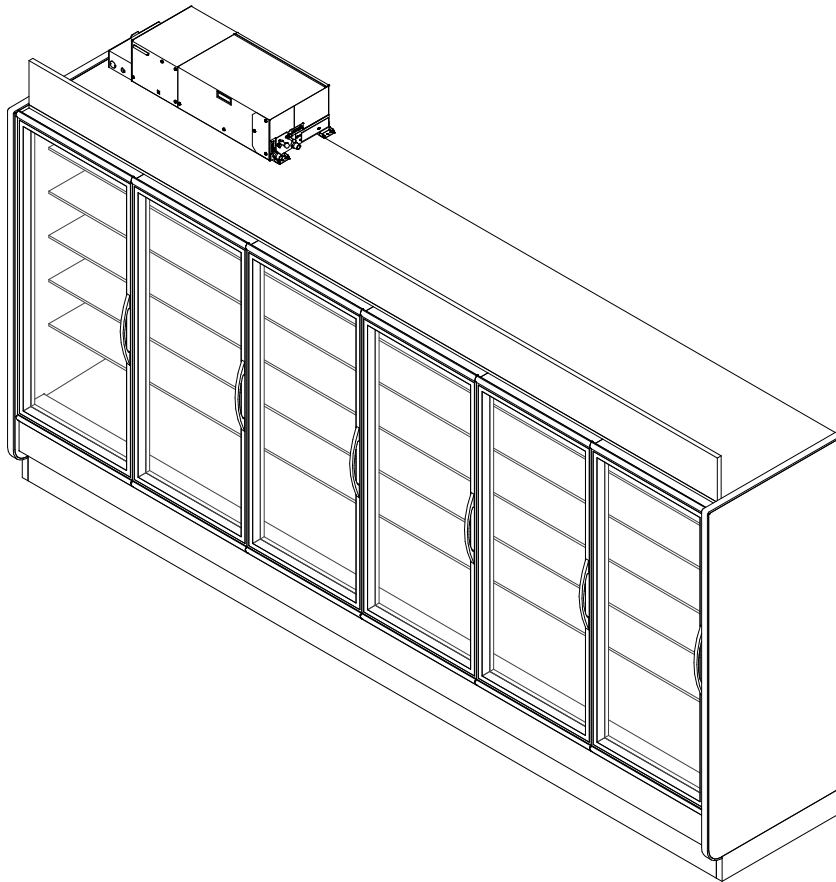
ONRBHQA

1, 2, 3, 4, 5 & 6 Door / 4', 6', 8' & 12' High, 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 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
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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		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

ANTI CONDENSATE DATA					
Case Length	Door Size	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	30"	0.18	22	0.18	22
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 Door	30"	1.15	138	1.15	138
4'	24"	0.20	24	0.20	24
6'	24"	0.39	47	0.39	47
8'	24"	0.43	52	0.43	52
12'	24"	0.68	82	0.68	82



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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	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	Circuit Breakers	Required Capacity	THR (BTUH)	Flow Rate
Beverage	1 Door	Remote	---	---	---	---	---	---
Beverage	2 Door	DA091	8.5	15	15	1270	1884	0.5
Beverage	3 Door	DA091	9.0	15	15	1905	2764	0.8
Beverage	4 Door	DA091	9.5	15	15	2540	3646	1.0
Beverage	5 Door	DA091	10.0	15	15	3175	4529	1.3
Beverage	6 Door	DA091	10.5	15	15	3810	5415	1.6
Beverage	4'	DA091	8.1	15	15	1010	1533	0.4
Beverage	6'	DA091	8.7	15	15	1515	2236	0.6
Beverage	8'	DA091	8.7	15	15	2020	2940	0.8
Beverage	12'	DA091	9.3	15	15	3030	4352	1.2
Deli/Dairy	1 Door	Remote	---	---	---	---	---	---
Deli/Dairy	2 Door	DA091	8.5	15	15	1300	1912	0.5
Deli/Dairy	3 Door	DA091	9.0	15	15	1950	2805	0.8
Deli/Dairy	4 Door	DA091	9.5	15	15	2600	3701	1.1
Deli/Dairy	5 Door	DA091	10.0	15	15	3250	4600	1.3
Deli/Dairy	6 Door	DA091	10.5	15	15	3900	5500	1.6
Deli/Dairy	4'	DA091	8.1	15	15	1040	1555	0.4
Deli/Dairy	6'	DA091	8.7	15	15	1560	2269	0.7
Deli/Dairy	8'	DA091	8.7	15	15	2080	2984	0.9
Deli/Dairy	12'	DA091	9.3	15	15	3120	4420	1.3
Meat	1 Door	Remote	---	---	---	---	---	---
Meat	2 Door	DA091	8.5	15	15	1450	1926	0.6
Meat	3 Door	DA091	9.0	15	15	2175	2827	0.8
Meat	4 Door	DA091	9.5	15	15	2900	3730	1.1
Meat	5 Door	DA091	10.0	15	15	3625	4636	1.3
Meat	6 Door	DA091	10.5	15	15	4350	5545	1.6
Meat	4'	DA091	8.1	15	15	1160	1566	0.4
Meat	6'	DA091	8.7	15	15	1740	2286	0.7
Meat	8'	DA091	8.7	15	15	2320	3007	0.9
Meat	12'	DA091	9.3	15	15	3480	4455	1.3

NOTES:

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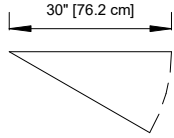
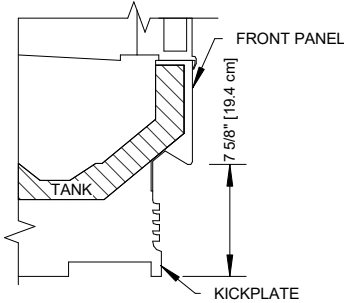
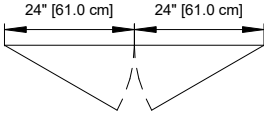
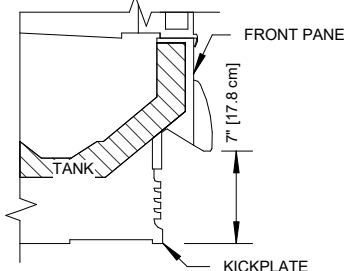
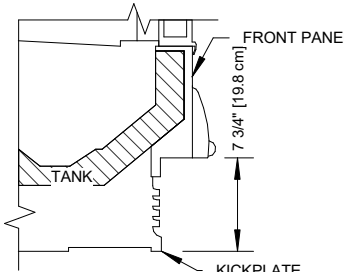
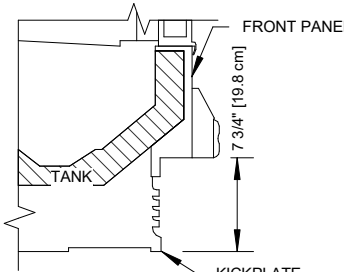


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DOOR OPTIONS	FRONT OPTIONS
<p>STANDARD SWING DOOR 1, 2, 3, 4, 5, & 6 - DOOR CASES</p> 	<p>FLAT FRONT (O SERIES)</p> 
<p>BI-SWING DOOR 4', 6', 8' & 12' CASES</p> 	<p>STREAMLINE BUMPER</p> 
	<p>HALF BUMPER</p> 
	<p>CLASSIC 2 BUMPER</p> 



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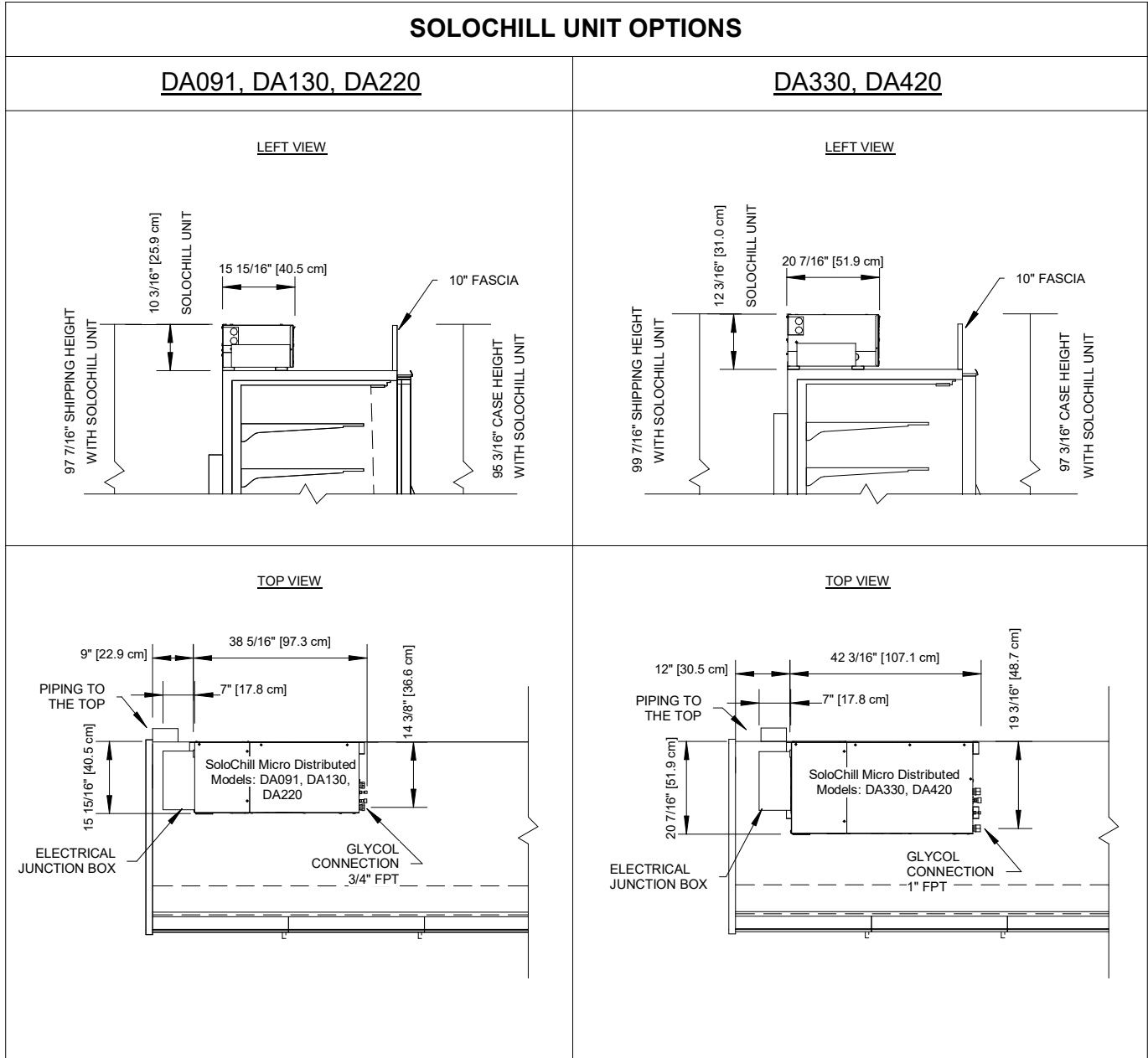
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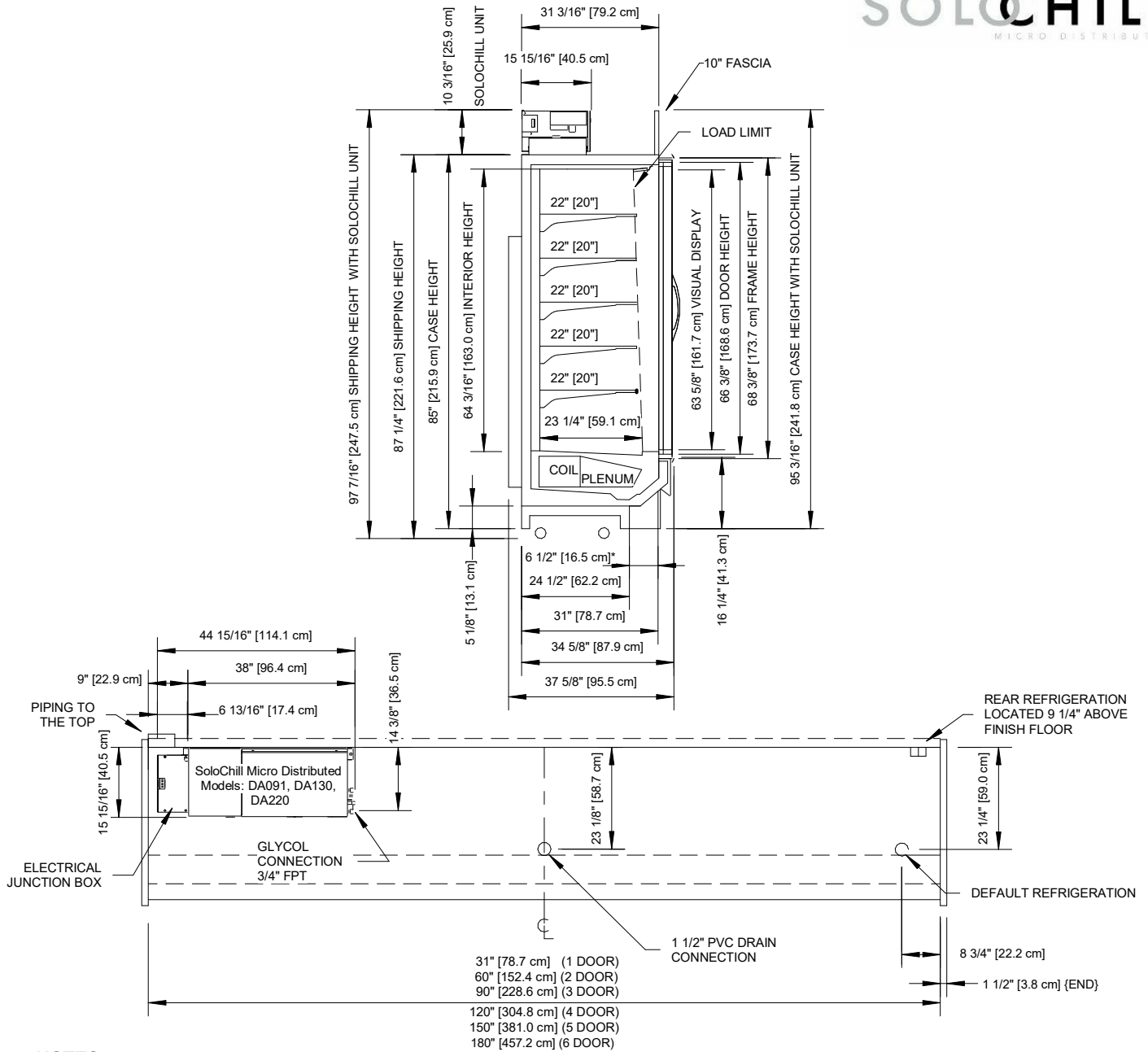
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NOTES:

- * : 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.
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