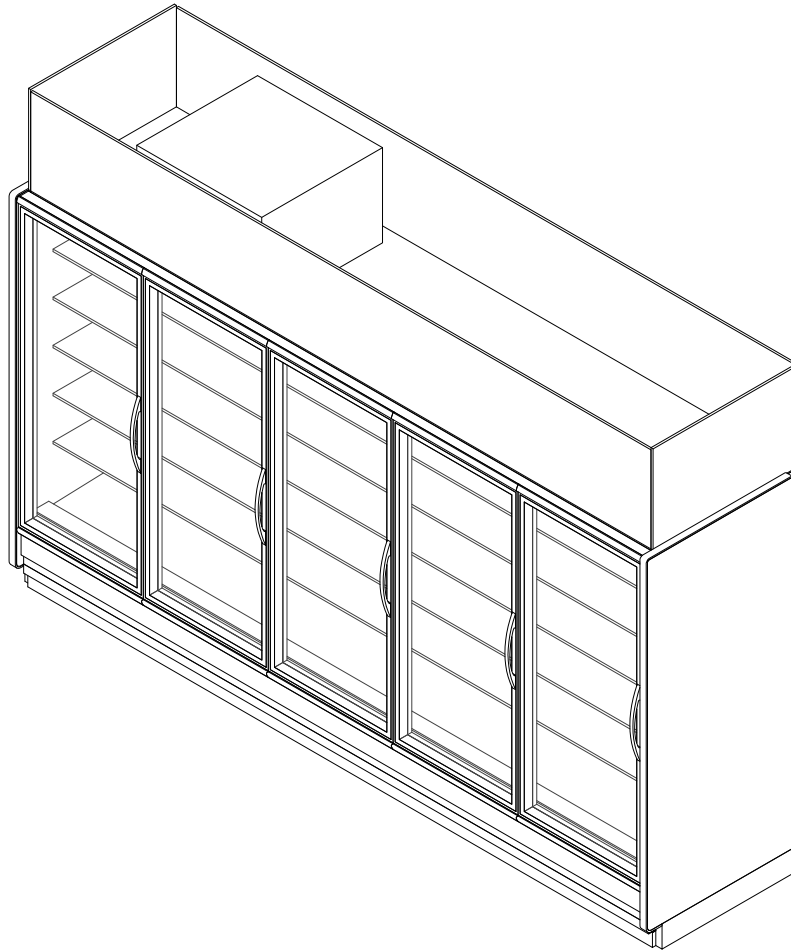


GENERAL NOTES

- Anti-condensate heat values represent a door with no heat
- Light 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
- Light wattages below reflect 100% run time. To acquire DOE representation, reduce the light wattages by 42% at 75°F/55%RH



SHIPPING WEIGHT	
Case	Weight
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COMPONENT

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Rev Date:	Rev #	Revision Description:
11-13-18	3	DATA UPDATE
4-2-18	2	NEW STANDARDS

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SYSTEM REQUIREMENT				
Case Length	Volts	Phase	Frequency	Provided Overcurrent Protection
2 Door	208	1	60	20
3 Door	208	1	60	20
4 Door	208	1	60	20
5 Door	208	1	60	20
2 Door	120	1	60	20
3 Door	120	1	60	20
4 Door	120	1	60	25
5 Door	120	1	60	25

GUIDELINES AND CONTROL SETTINGS				
Application	Superheat Set Point @ Bulb (°F)	Discharge Air (°F)	Set Point Differential (°F)	Discharge Air Velocity (FPM)
Beverage	6 - 8	35	6	230
Dairy	6 - 8	30	6	230
Deli	6 - 8	29	6	230

Case Length	24hr Energy Usage (kWh)*
	DOE
2 Door	6.09
3 Door	8.55
4 Door	10.20
5 Door	15.30

*- 24 Hour Energy values includes evaporate fans, standard LEDs, anti-condensate heat & condensing unit

CONDENSING UNIT DATA								
Case Length	Volts	Phase	Frequency	Horsepower	Running Load Amps (RLA) (Amps)	Locked Rotor Amps (LRA) (Amps)	Refrigerant	Lbs. of Refrigerant
2 Door	208	1	60	1/3	4.2	16.8	R404A	2.2
3 Door	208	1	60	1/3	4.2	16.8	R404A	2.6
4 Door	208	1	60	1/3	4.2	16.8	R404A	3.0
5 Door	208	1	60	1/3	5.3	26.5	R404A	3.5
2 Door	120	1	60	1/3	6.0	29.0	R404A	2.2
3 Door	120	1	60	1/3	6.0	29.0	R404A	2.6
4 Door	120	1	60	1/3	6.0	29.0	R404A	3.2
5 Door	120	1	60	1/2	10.5	54.5	R404A	3.5

NOTES

- "----" indicates that this feature is not an option on this case model.
- 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 below 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.



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DEFROST CONTROLS				
Application	Defrosts Per Day	Run-Off Time (Min)	Fail-Safe (Min)	Termination Temp (F)
Beverage	2	0	45	42
Dairy/Deli	2	0	45	38

DEFROST SCHEDULE	
Defrosts Per Day	Time
1	12 midnight
2	12 a.m. - 12 p.m.
3	6 a.m. - 2 p.m. - 10 p.m.
4	12 a.m. - 6 a.m. - 12 p.m. - 6 p.m.
6	12 a.m. - 4 a.m. - 8 a.m. - 12 p.m. - 4 p.m. - 8 p.m.

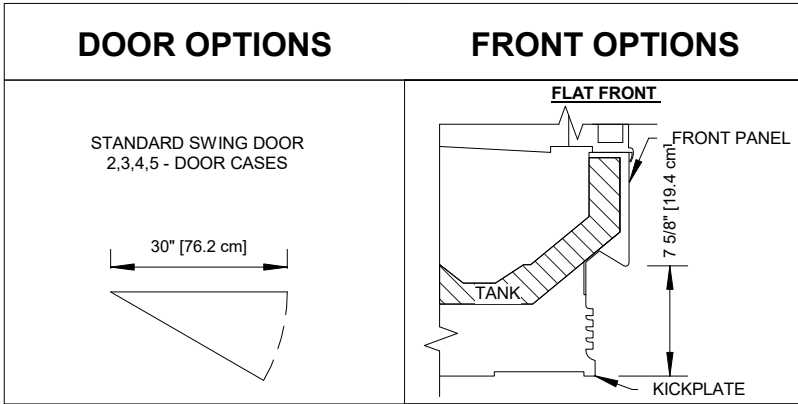


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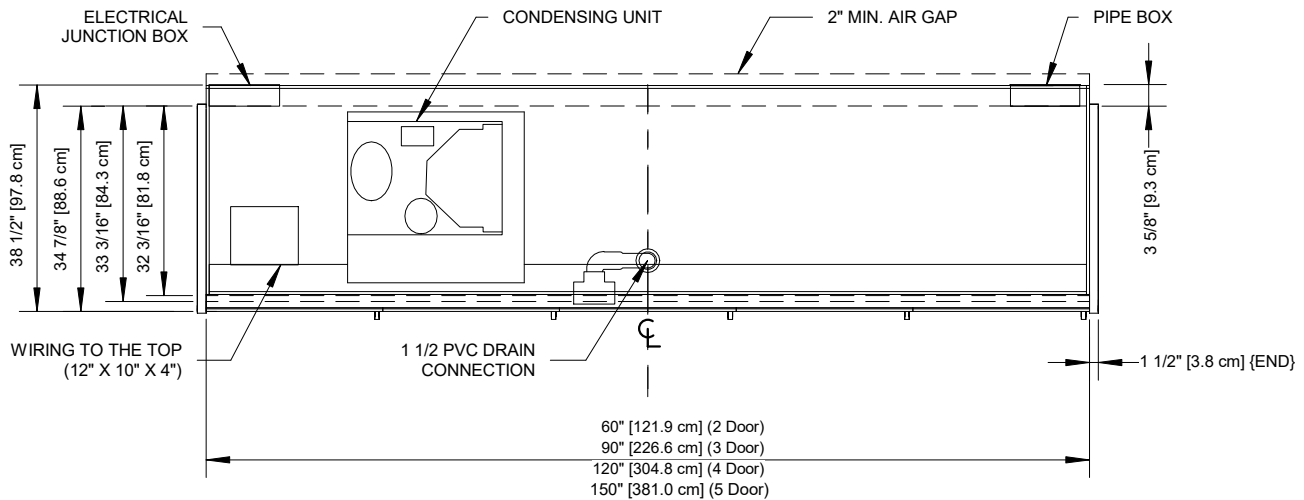
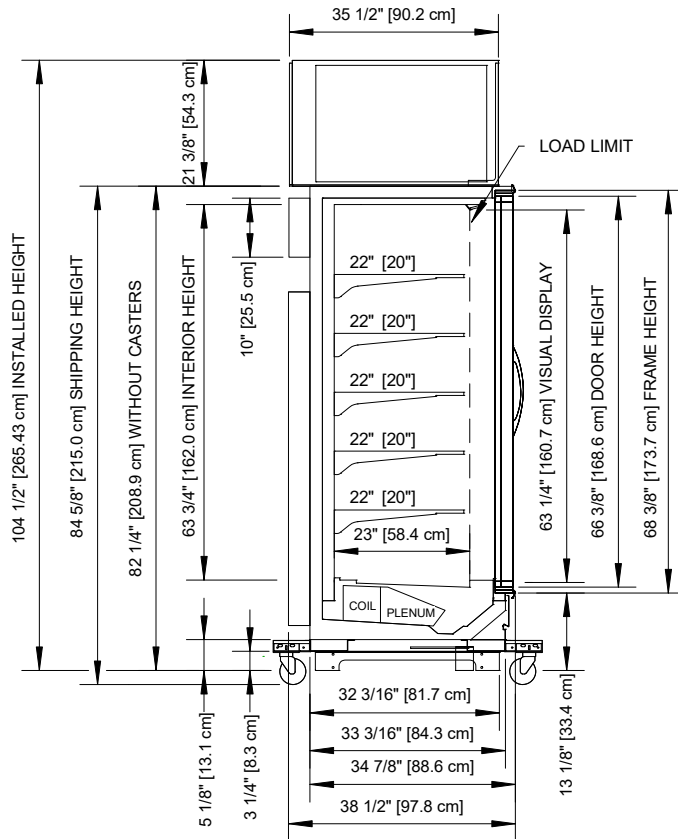


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NOTES

- * : STUB-UP AREA.
- ** : RECOMMENDED STUB-UP CENTERLINE FOR ELECTRICAL AND HUB DRAINS.
- Specialized Base Frame:
 - Case fits through 80" doorway with shipping undercarriage removed.
 - 2" lifting brackets (installed) & 3.25" ship loose risers combine for 5" baseframe once installed.
 - Drain traps ship loose.
- Ends add approximately 1" to case height, 1/2" to the back & 1" to the front.



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