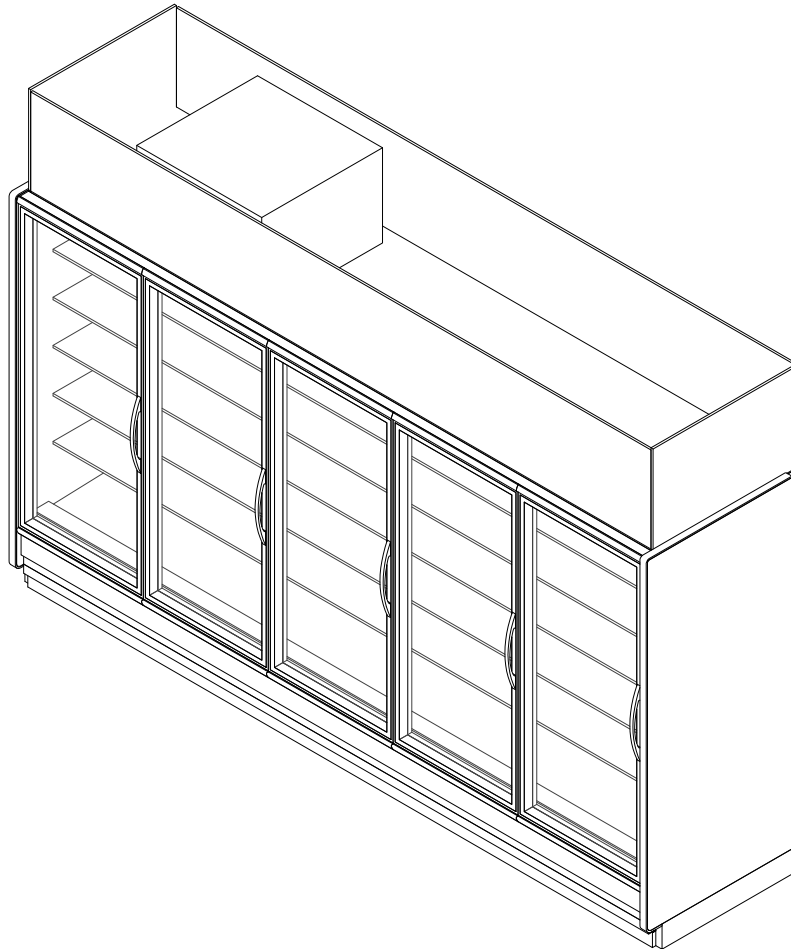


GENERAL NOTES

- 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.



Shipping Weight	
Case	Weight
JNRBHSA	---

2017
DOE
COMPLIANT



COMPONENT

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Hillphoenix
A DOVER COMPANY

SYSTEM REQUIREMENTS				
Case Length	Volts	Phase	Frequency (Hz)	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 Set Point (°F)	Discharge Air Velocity (cfm)
Beverage	6 - 8	35	230
Dairy	6 - 8	31	230
Deli	6 - 8	30	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 (Hz)	Horsepower	Running Load Amps (RLA)	Locked Rotor Amps (LRA)	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 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 the light wattages by 42% at 75°F/55%RH.
- 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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DEFROST CONTROLS				
Application	Defrosts Per Day	Run-Off Time (Min)	Timed-Off Defrost	
			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.

NOTES

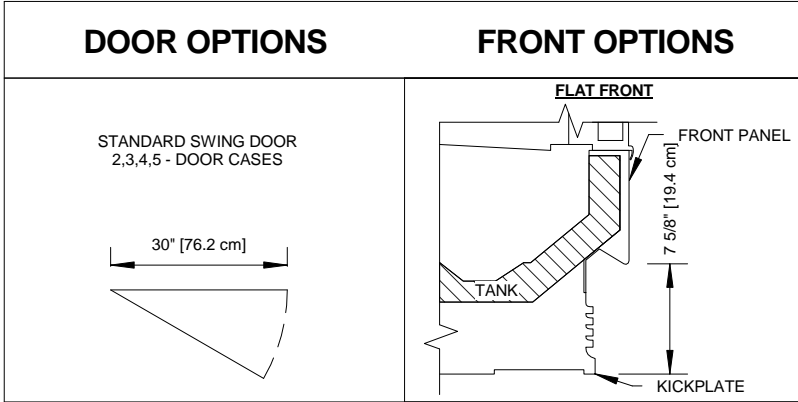
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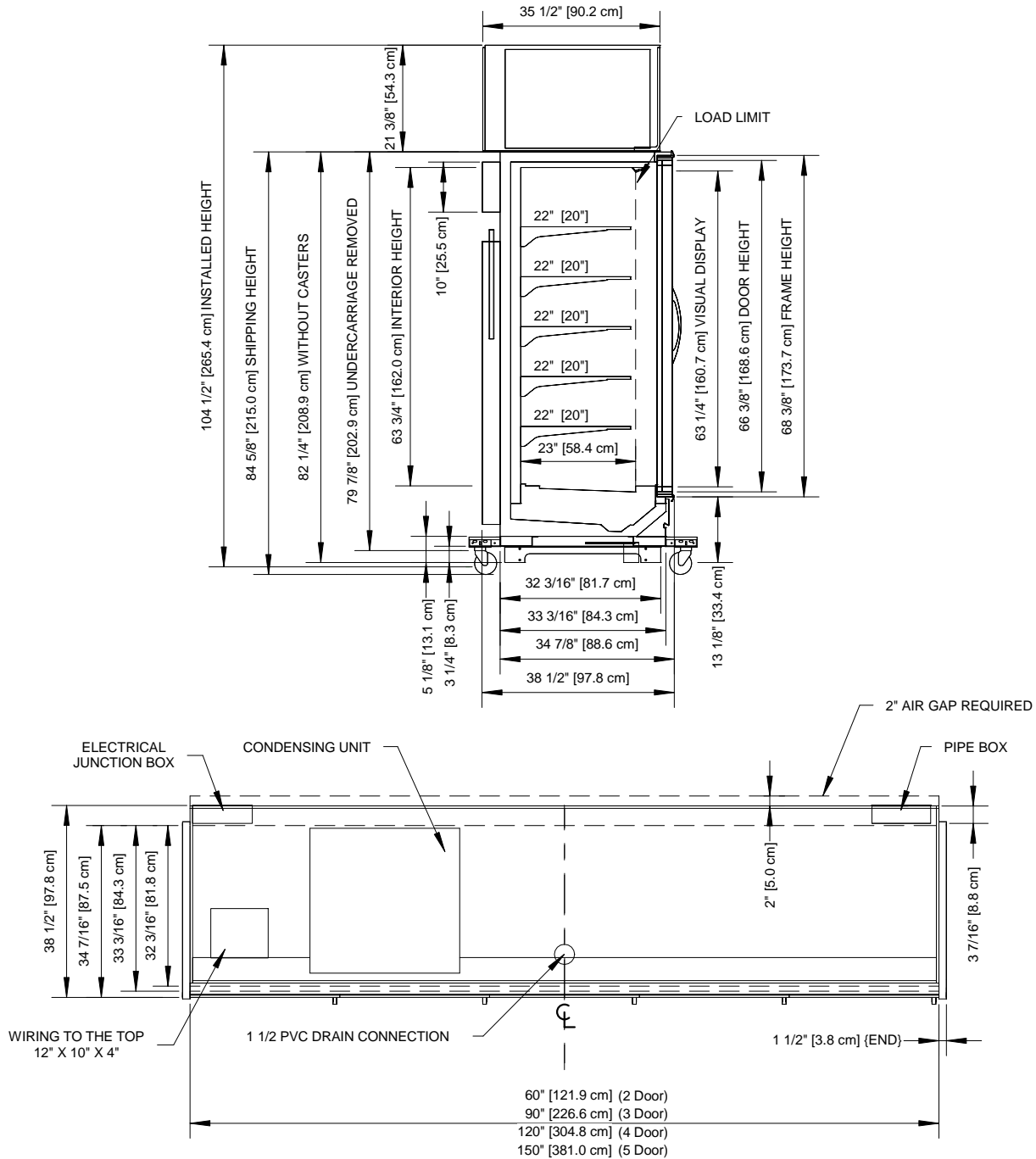


COMPONENT

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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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