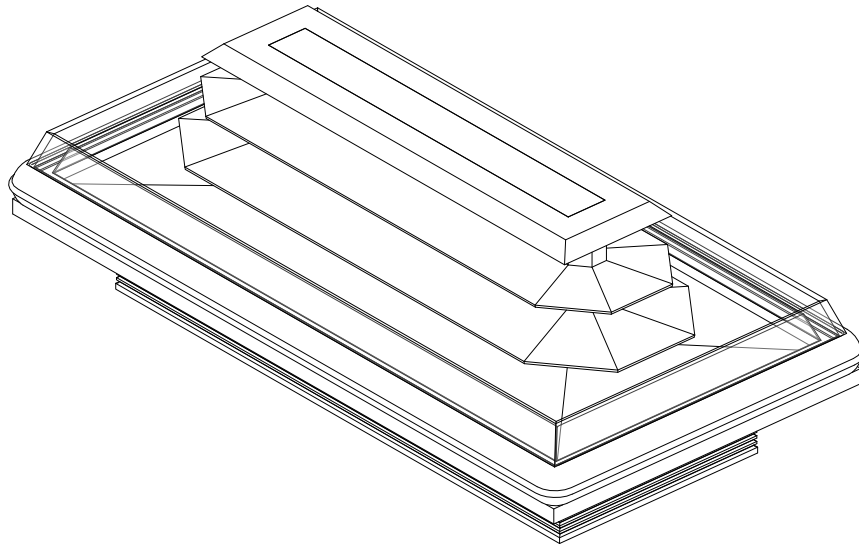


GENERAL NOTES

- "---" indicates that the feature is not an option on this case model and/or the data is not yet available.
- LED lights only.



SHIPPING WEIGHT	
Case	Weight
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ELECTRICAL DATA									
Case Length	Fans Per Case	High Efficiency Fans		Anti-Condensate Heaters		Defrost Heaters			
		120 Volts		120 Volts		208 Volts		240 Volts	
		Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
8'	6	0.46	27.6	0.67	80.0	7.70	1600	8.88	2130
12'	8	0.62	36.8	1.06	127.0	11.54	2400	13.32	3200

LIGHTING DATA							
Case Length	Shelf Depth	Lights Per Row	Light Length	Clearvoyant v4 LED Lighting (Per Light Row)			
				Standard Power (Cornice or Shelf)		High Power (Cornice)	
				120 Volts		120 Volts	
				Amps	Watts	Amps	Watts
8'	Top Sill	4	2 (2ft), 2 (4ft)	0.15	17.9	0.38	45.4
8'	8"	4	2 (0.5ft), 2 (3ft)	0.10	11.5	---	---
8'	10", 12", 14", 16"	4	2 (1ft), 2 (3ft)	0.11	13.2	---	---
12'	Top Sill	6	2 (2ft), 4 (4ft)	0.25	29.6	0.63	75.3
12'	8"	6	2 (0.5ft), 4 (3ft)	0.17	20.9	---	---
12'	10", 12", 14", 16"	6	2 (1ft), 4 (3ft)	0.19	22.6	---	---

GUIDELINES & CONTROL SETTINGS						
Application	BTUH/ft		Superheat @ Bulb Set Point (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
	Conventional	Parallel				
Meat	1657	1496	6-8	17	26	270
Deli	1513	1366	6-8	22	30	270

DEFROST CONTROLS							
Defrosts Per Day	Run-Off Time (Min)	Electric Defrost		Timed-Off Defrost		Hot Gas Defrost	
		Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)
4	6-8	30	47	45	45	26	45

NOTES

- "----" indicates that the feature is not an option on this case model and/or the data is not yet available.
- Listed LED lighting values represent a full row of shelves (including wrap-around ends).
- Listed BTUH/ft data represent unlighted shelves. For LED lighting, add 9 BTUH/ft per row of lighted shelving.
- Load data represents the sum of both coils.
- Listed evaporator temperature represents unlighted shelves. For lighted shelves and/or aftermarket merchandising accessories, reduce the listed evaporator temperature by 2°F
- BTUH load increases by 132 BTUH/ft when aftermarket merchandising accessories are utilized.
- Listed discharge air velocity represents the average velocity at the peak of defrost.
- Timed-Off defrost is only recommended at evaporator temperatures greater than 22°F.
- 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.



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Medium Temp Island Merchandiser
8' & 12' (Deli / Meat)

SECOND NATURE DATA								
Case Model	No. Of Coils	Application	Front Sill Type	BTUH/ft (DR)		GPM/ft (DR)	Supply Fluid Temp (°F)	Discharge Air Temp (°F)
				Conventional	Parallel			
O3IM	2	Meat	6" Thermopane	1657	1496	1.23	20	26
O3IM	2	Deli	6" Thermopane	1513	1366	1.13	20	30

SECOND NATURE DATA								
Case Model	No. of Coils	Application	Front Sill Type	No. of Defrosts	Timed Off Defrost		Warm Fluid Defrost	
					Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)
O3IM	2	Meat	6" Thermopane	4	60	47	26	49
O3IM	2	Deli	6" Thermopane	4	60	47	26	49

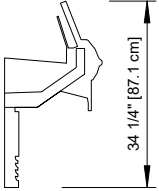
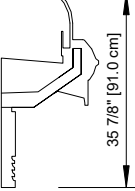
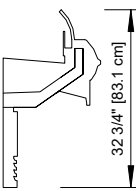
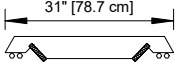
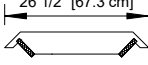


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Hillphoenix
A BOWEN COMPANY

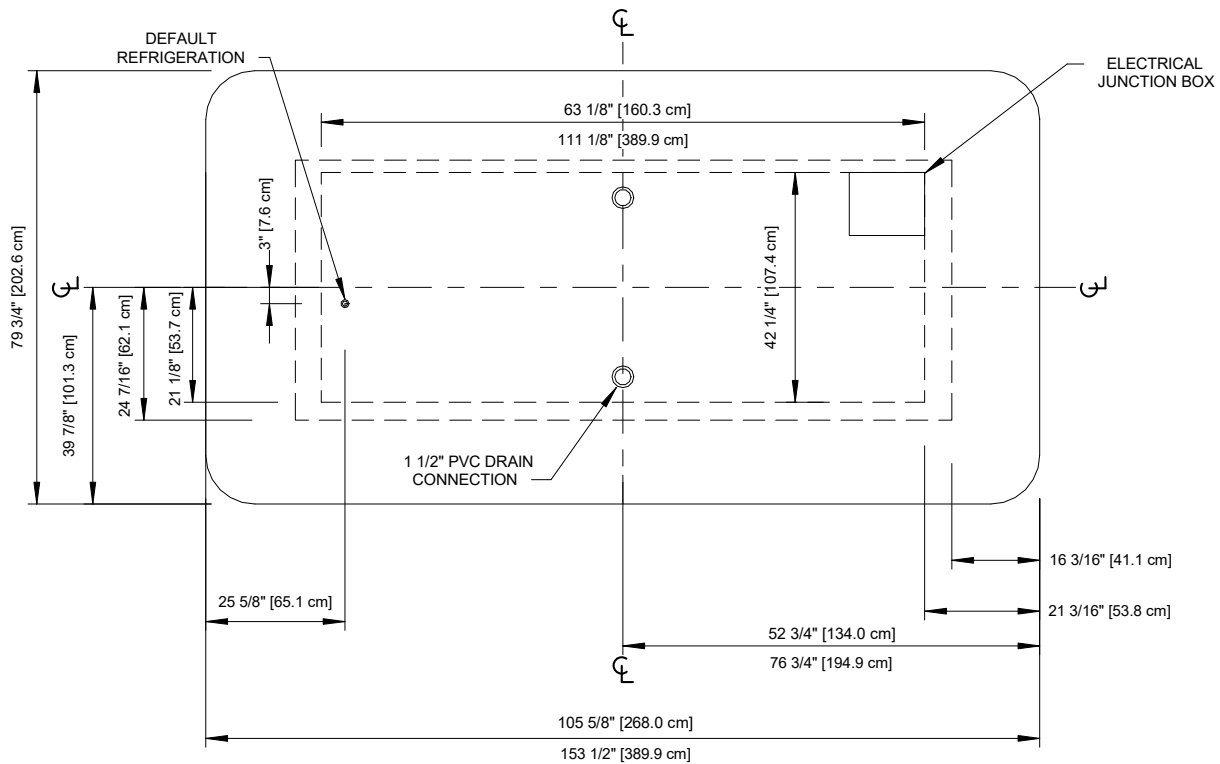
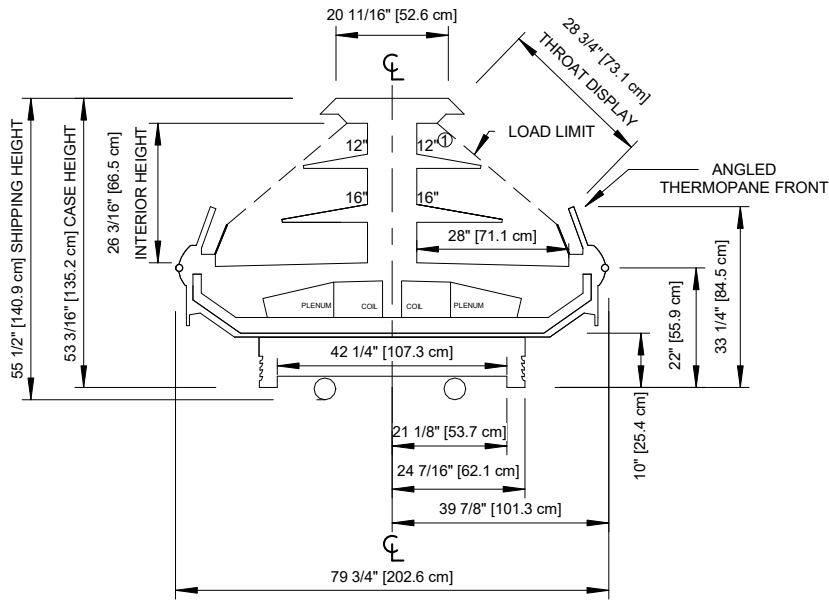
FRONT OPTIONS		
<p><u>ANGLED THERMOPANE</u></p>  <p>34 1/4" [87.1 cm]</p>	<p><u>8.75" CURVED PLEXI</u></p>  <p>35 7/8" [91.0 cm]</p>	<p><u>5.5" CURVED PLEXI</u></p>  <p>32 3/4" [83.1 cm]</p>
CENTER TOWER OPTIONS		
<p><u>31" LIGHTED TOWER</u></p>  <p>31" [78.7 cm]</p>	<p><u>24" TOWER</u></p>  <p>26 1/2" [67.3 cm]</p>	



2017 DOE COMPLIANT COMPONENT
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NOTES

** : STUB-UP AREA

Ⓢ : AVAILABLE SHELF SIZES: 10" , 12" , 14" , 16"

- Front and center sill heights vary with base frame height.



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