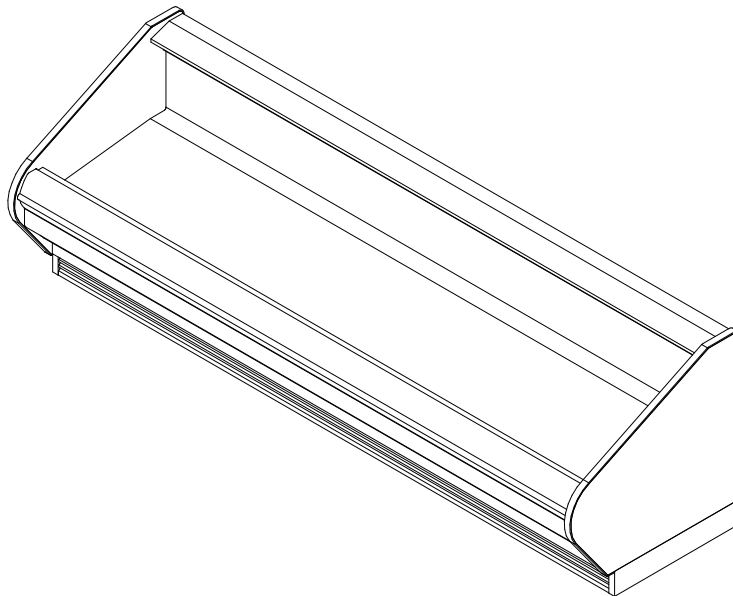


OC-NRG

4', 6', 8', & 12' Single-Deck Merchandiser
Deli/Cheese

GENERAL NOTES:

- " --- " indicates that the feature is not an option with this case model and/or that the data is not available at this time.
- LED lights only.
- 3rd row or nose lights are not available.



SHIPPING WEIGHT	
Case	Weight
OC-NRG	---



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Hillphoenix
A DOVER COMPANY

ELECTRICAL DATA					
Case Length	Fans Per Case	High Efficiency Fans		Anti-Condensate Heaters	
		120 Volts		120 Volts	
		Amps	Watts	Amps	Watts
4'	2	0.15	9.2	0.14	17.0
6'	2	0.15	9.2	0.20	24.0
8'	2	0.15	9.2	0.25	30.0
12'	3	0.23	13.8	0.38	46.0

LIGHTING DATA						
Case Length	Lights per row	Light Length	Clearvoyant v4 LED Lighting (Per Light Row)			
			Standard Power (Cornice or Shelf)		High Power (Cornice Only)	
			120 Volts		120 Volts	
			Amps	Watts	Amps	Watts
4'	1	4'	0.05	5.9	0.12	14.9
6'	2	3'	0.08	9.4	0.20	23.8
8'	2	4'	0.10	11.8	0.25	29.9
12'	3	4'	0.15	17.6	0.37	44.8

GUIDELINES AND CONTROL SETTINGS						
Front Sill height	BTUH/ft		Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
	Conventional	Parallel				
Standard	499	430	6 - 8	28	30	165
All Others	488	420	6 - 8	28	30	165

DEFROST CONTROLS		
Defrosts Per Day	Timed-Off Defrost	
	Fail-Safe (Min)	Termination Temp (°F)
6	45	47

NOTES:

- " --- " indicates that the feature is not an option with this case model and/or that the data is not available at this time.
- Listed BTUH/ft data represent unlighted shelves. For LED lighting, add 9 BTUH/ft per row of lighted shelving.
- BTUH load increases by 123 BTUH/ft when aftermarket merchandising accessories are utilized.
- Listed evaporator temperature represents unlighted shelves. For lighted shelves and/or aftermarket merchandising accessories, reduce the listed evaporator temperature by 2°F.
- Conventional Discharge Air Control - Recommended Settings: Cut-in Temp + Discharge Air + 2°F; Cut-Out Temp = Discharge Air - 2°F.
- Listed discharge air velocity represents the average velocity immediately after 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.



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4', 6', 8', & 12' Single-Deck Merchandiser
Deli/Cheese

SECOND NATURE DATA								
Case Model	No. of Coils	Application	Front Sill height	BTUH/FT		GPM/ft (DR)	Supply Fluid Temp (°F)	Discharge Air Temp (°F)
				Conventional	Parallel			
OC-NRG	1	All	Standard	499	430	0.14	20	26
OC-NRG	1	All	All Others	488	420	0.14	20	27
OC-NRG	1	All	Standard	499	430	0.43	25	26
OC-NRG	1	All	All Others	488	420	0.42	25	27

SECOND NATURE DATA									
Case Model	No. of Coils	Application	Front Sill height	Supply Fluid Temp (°F)	No. of Defrost	Timed-Off Defrost		Warm Fluid Defrost	
						Fail-Safe (Min)	Termination Temp (°F)	Fail-Safe (Min)	Termination Temp (°F)
OC-NRG	1	All	Standard	20	4	60	47	26	49
OC-NRG	1	All	All Others	20	4	60	47	26	49
OC-NRG	1	All	Standard	25	4	45	42	26	49
OC-NRG	1	All	All Others	25	4	45	42	26	49

NOTES:

- All medium temperature data listed is for 35% by wt. PROPYLENE GLYCOL.
- Inhibited Propylene Glycol solution with water, such as Dowfrost or equivalent. (Dowfrost is a trademark of the Dow Chemical Company).
- Flowrates are determined by ASHRAE test conditions and may need to be adjusted based on store conditions.
- ** Flowrates are per case

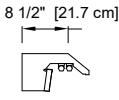
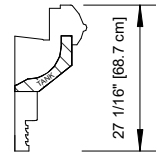
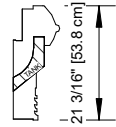
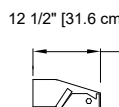
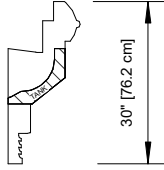

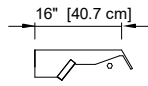
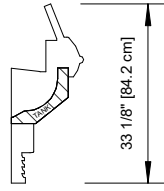
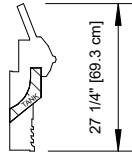
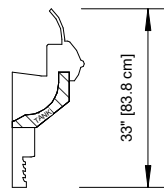
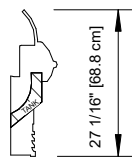


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REAR SILL OPTIONS	FRONT OPTIONS	
	11" BASEFRAME	5" BASEFRAME
<p><u>STANDARD REAR SILL</u></p>  <p>8 1/2" [21.7 cm]</p>	<p><u>STANDARD FRONT</u></p>  <p>27 1/16" [68.7 cm] 27" [68.6 cm]</p>	<p><u>STANDARD FRONT</u></p>  <p>21 3/16" [53.8 cm]</p>
<p><u>LIGHTED REAR SILL</u></p>  <p>12 1/2" [31.6 cm]</p>	<p><u>EXTENDED STANDARD FRONT</u></p>  <p>30" [76.2 cm]</p>	<p><u>EXTENDED STANDARD FRONT</u></p>  <p>24 1/8" [61.3 cm]</p>
<p><u>16" REAR SILL (REAR DISCHARGE)</u></p>  <p>16" [40.7 cm]</p>	<p><u>6" THERMOPANE FRONT</u></p>  <p>33 1/8" [84.2 cm] 33" [83.8 cm]</p>	<p><u>6" THERMOPANE FRONT</u></p>  <p>27 1/4" [69.3 cm] 27" [68.6 cm]</p>
	<p><u>6" PLEXIGLAS FRONT</u></p>  <p>33" [83.8 cm]</p>	<p><u>6" PLEXIGLAS FRONT</u></p>  <p>27 1/16" [68.8 cm]</p>

NOTES:

- Front sills height and overall case height varies with base frame height.
- Extended front sills are required for meat applications to maintain proper product temperature. An extended front has a minimum height of 24" on a 5" base frame, or 30" on an 11" base frame.



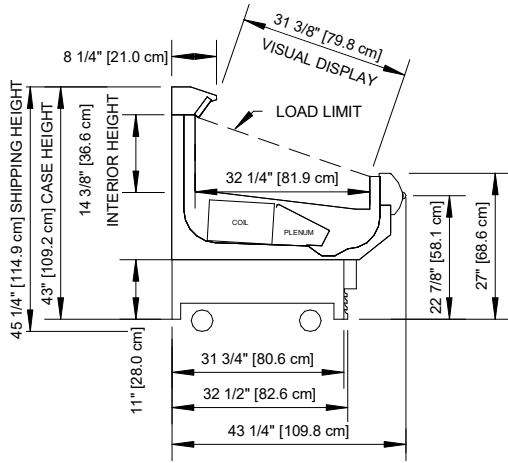
COMPONENT

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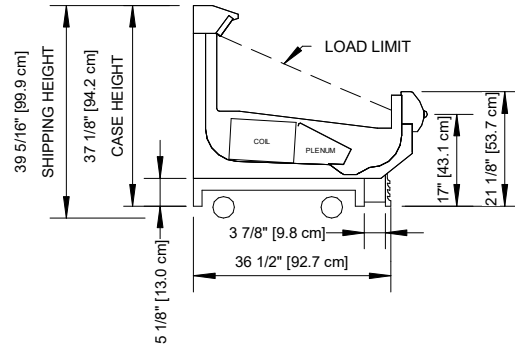
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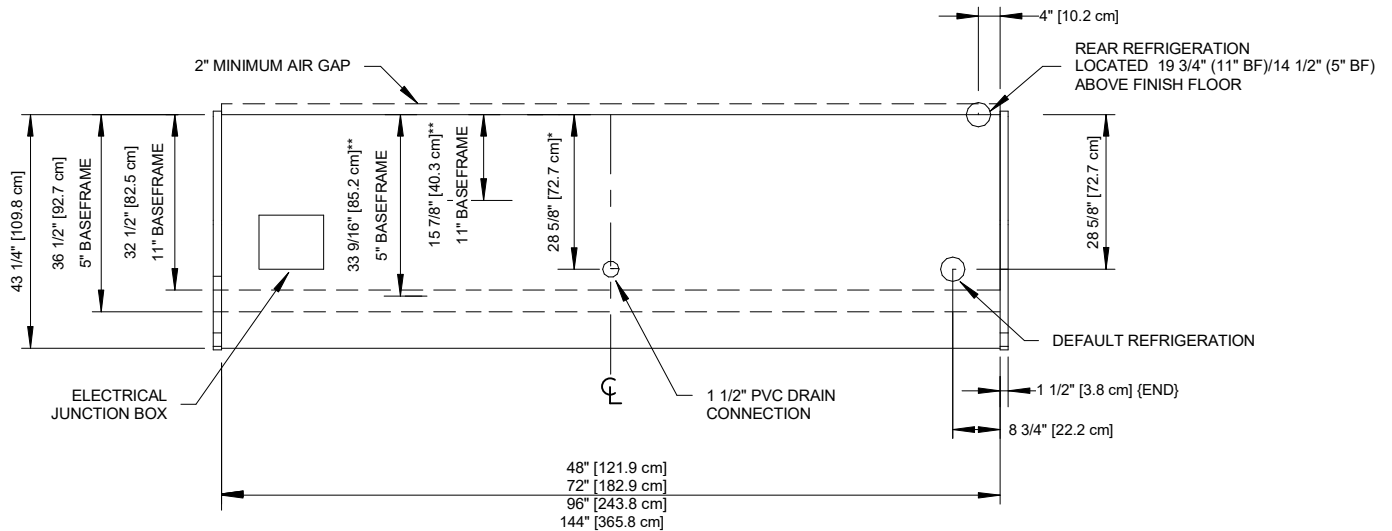




11" BASEFRAME



5" BASEFRAME



NOTES:

- * :STUB-UP AREA
- ** :RECOMMENDED STUB-UP CENTERLINE FOR ELECTRICAL AND HUB DRAINS AVAILABLE UPON REQUEST

- Ends add approximately 1 inch to case height.
- Product on top shelf should be 3 inches below discharge.



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