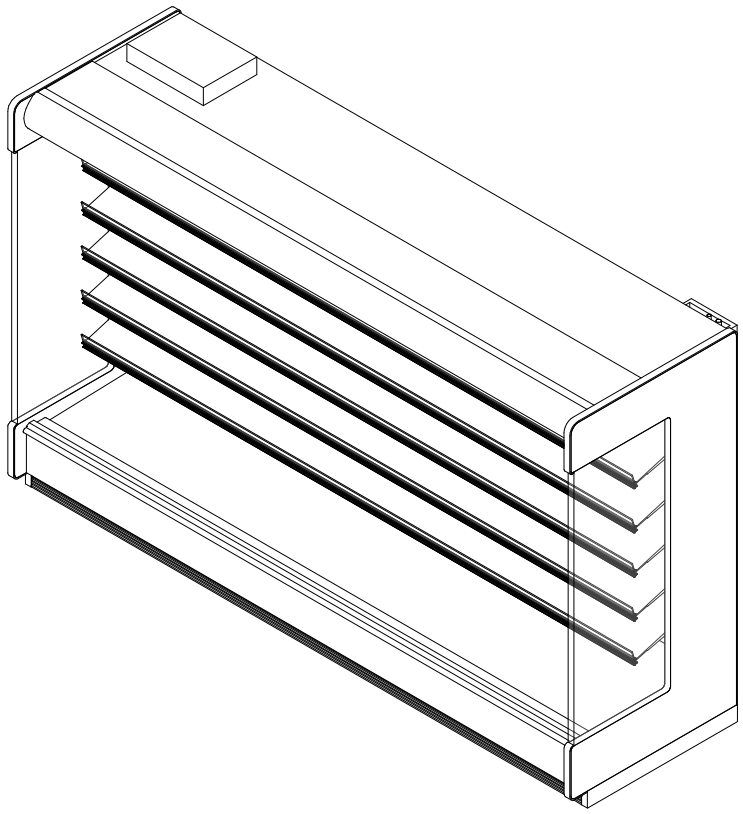
6MLH-NRG

High Multi-Deck Merchandiser with Synerg-E™
4', 6', 8' & 12' (Deli/Meat)

GENERAL NOTES:

- "---" indicates that the feature is not an option for this case model and/or the data is not yet available.
- LED lights only.
- Maximum of 6 rows of standard output LED shelves.
- For optimal case performance in fresh meat (deli/meat) applications, Hillphoenix recommends that the merchandising depth in the bin area not exceed 4 inches.
- For optimal case performance, mirrors should be equally spaced between the adjacent mirrors and case ends.



SHIPPING WEIGHT	
Case	Weight
6MLH-NRG	---

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ELECTRICAL DATA			
Case Length	Fans Per Case	High Efficiency Fans 120 Volt Amps	High Efficiency Fans 120 Volt Watts
4'	2	0.80	62
6'	3	1.20	92
8'	3	1.20	92
12'	4	1.60	123

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

GUIDELINES AND CONTROL SETTINGS							
		BTUH/ft					
Application	Front Sill height	Conventional	Parallel	Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
Deli/Meat	14"	2028	1844	6 - 8	22	30	230
Deli/Meat	17"	1904	1731	6 - 8	22	30	230

DEFROST CONTROLS			
		Timed-Off Defrost	
Application	Defrosts Per Day	Fail-Safe (Min)	Termination Temp (°F)
Deli/Meat	8	45	48

NOTES:

- "---" indicates that the feature is not an option for this case model and/or the data is not yet available.
- Listed BTUH/ft data represents unlighted shelves. For LED lighting, add 9 BTUH/ft to determine Total Case Lighting BTUH Load.
- The published BTU Loads represent 4 rows of 22" shelves angled 17°. For other shelving configurations, add 100 BTUH/ft.
- 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 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.

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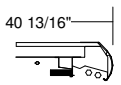
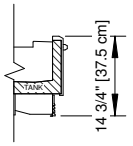
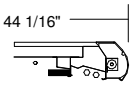
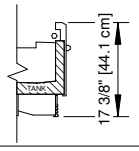
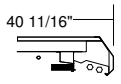
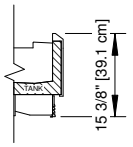
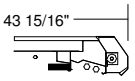
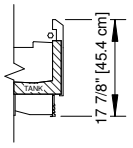
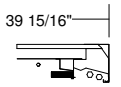
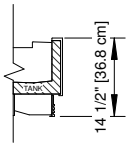
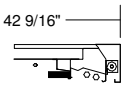
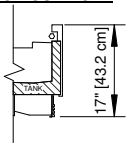
CORNICE OPTIONS	FRONT OPTIONS
CURVED CORNICE 	CLASSIC 2 STANDARD FRONT 
CURVED CORNICE WITH NIGHT COVER 	CLASSIC 2 17" FRONT W/ & W/O NOSE LIGHT 
FACETED CORNICE 	ANGLED FRONT 
FACETED CORNICE WITH NIGHT COVER 	ANGLED FRONT W/ & W/O NOSE LIGHT 
FLAT CORNICE 	FLAT FRONT 
FLAT CORNICE WITH NIGHT COVER 	17" FLAT FRONT W/ & W/O NOSE LIGHT 

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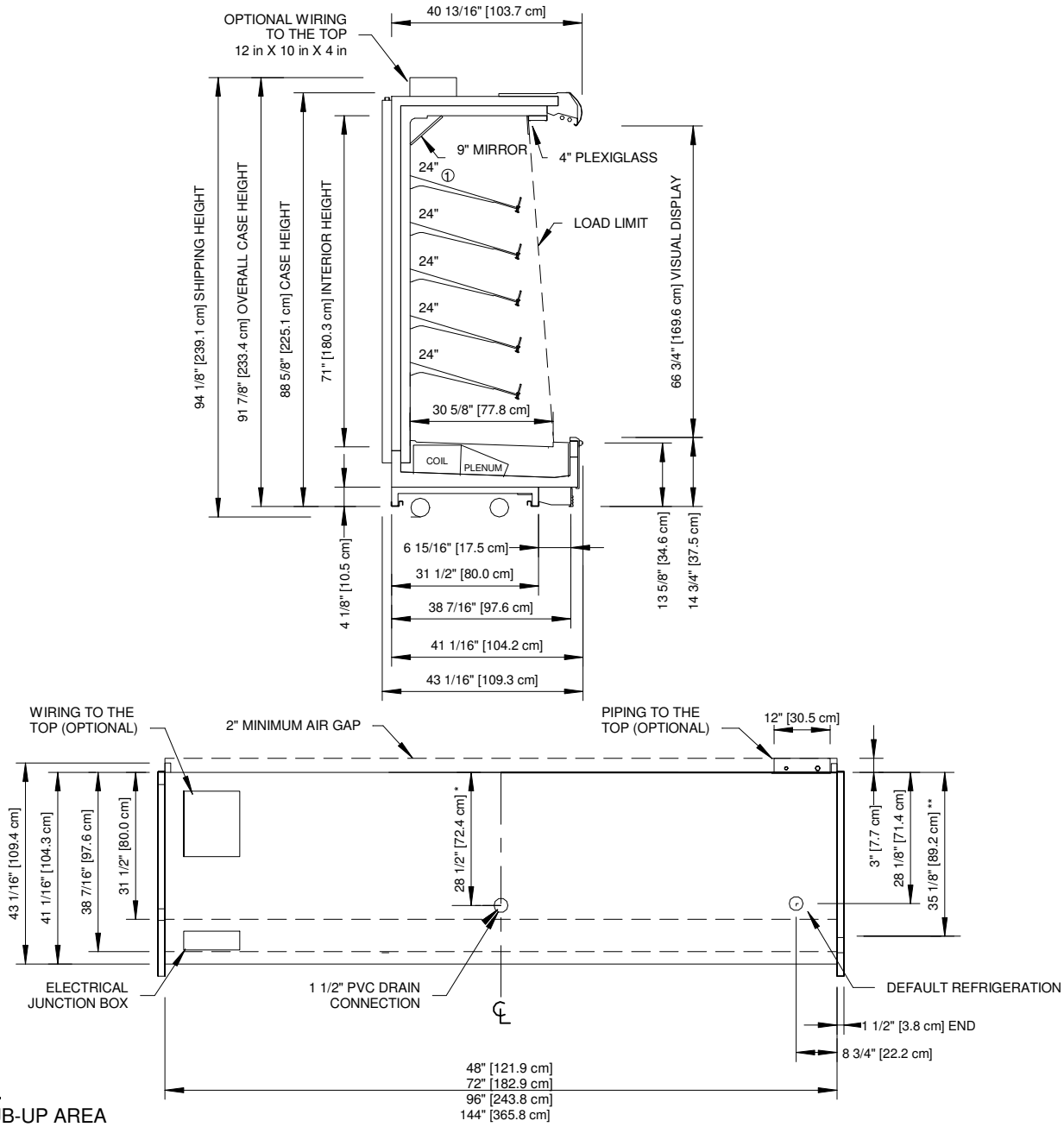

NOTES:

* : STUB-UP AREA

** : RECOMMENDED STUP-UP CENTERLINE FOR ELECTRICAL AND HUB DRAINS

① : AVAILABLE SHELF SIZES: 16", 18", 20", 22" & 24" (14" only available with cascade arrangement)

- Ends add approximately 1" to case height.
- Back panels add approximately 1" to the rear of the case.
- 4" plexiglass is required behind the honeycomb.
- The minimum shelf size in a cascade arrangement is 14".
- The minimum shelve size is 16" when all of the shelves are of equal size.
- Contact factory for available mirror sizes.

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