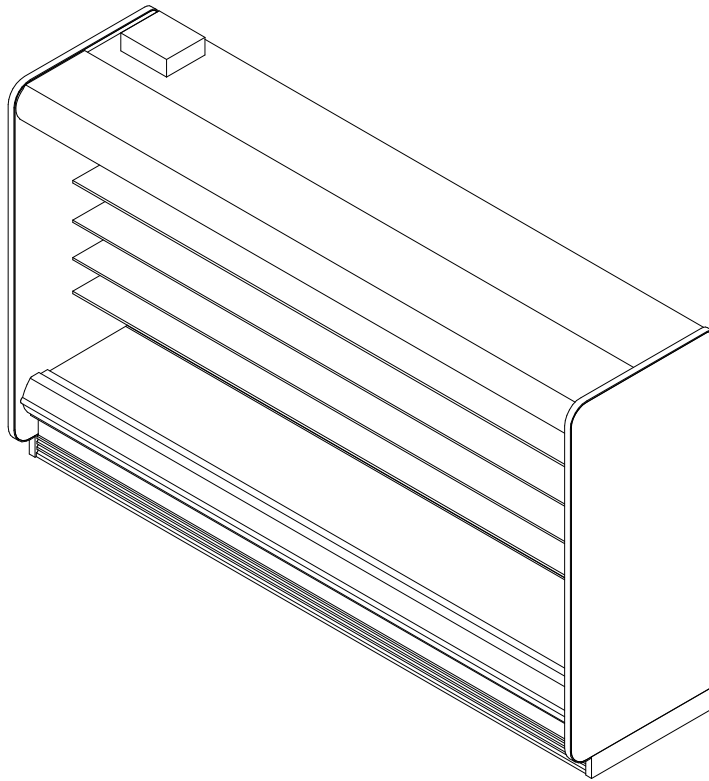


# ON5MHX-NRG

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

**GENERAL NOTES:**

- "---" indicates that the feature is not an option on this case model and/or the data is not available at this time.
- LED lights only.
- Maximum of 5 rows of Standard Output LED lighted shelves.



SHIPPING WEIGHT	
Case	Weight
ON5MHX-NRG	---



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**ON5MHX-NRG**

Rev. Date	Rev. #	Rev. Title
08-04-21	7	ENDVIEW UPDATE
09-25-19	6	OPTIONS UPDATE



# ON5MHX-NRG

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

ELECTRICAL DATA			
Case Length	Fans Per Case	High Efficiency Fans	
		120 Volt	
		Amps	Watts
4'	2	0.46	36.0
6'	4	0.95	70.0
8'	4	0.95	70.0
12'	6	1.40	106.0

LIGHTING DATA					
Case Length	Lights per row	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	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		Superheat Set Point @ Bulb (°F)	Evaporator (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
Conventional	Parallel				
1646	1440	6 - 8	26	30	240

DEFROST CONTROLS		
Defrosts Per Day	Timed-Off Defrost	
	Fail-Safe (Min)	Termination Temp (F)
6	40	47

## NOTES:

- "---" indicates that the feature is not an option on this case model and/or 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 132 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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## ON5MHX-NRG

Rev. Date	Rev. #	Rev. Title
08-04-21	7	ENDVIEW UPDATE
09-25-19	6	OPTIONS UPDATE

**Hillphoenix**  
A DOVER COMPANY

# ON5MHX-NRG

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

CORNICHE OPTIONS						
	FRONT OPTIONS	FLAT FRONT 2	STANDARD FRONT 19 7/8" [50.5 cm]	2 1/2" EXTENDED FRONT W/ & W/O NOSE LIGHT 22 3/8" [56.9 cm]	5" EXTENDED FRONT W/ & W/O NOSE LIGHT 25" [63.5 cm]	7 1/2" EXTENDED FRONT 27 3/8" [69.6 cm]
FLAT FRONT		STANDARD FRONT 18 3/4" [47.5 cm]	2 1/2" EXTENDED FRONT W/ & W/O NOSE LIGHT 21 1/4" [53.9 cm]	5" EXTENDED FRONT W/ & W/O NOSE LIGHT 23 3/4" [60.2 cm]	7 1/2" EXTENDED FRONT 26 1/4" [66.6 cm]	
CLASSIC 2 METAL		STANDARD FRONT 18 3/4" [47.5 cm]	2 1/2" EXTENDED FRONT W/ & W/O NOSE LIGHT 21 1/4" [53.9 cm]	5" EXTENDED FRONT W/ & W/O NOSE LIGHT 23 3/4" [60.2 cm]	7 1/2" EXTENDED FRONT 26 1/4" [66.6 cm]	
CLASSIC 2 POLYMER		STANDARD FRONT 18 3/4" [47.5 cm]	2 1/2" EXTENDED FRONT W/ & W/O NOSE LIGHT 21 1/4" [53.9 cm]	5" EXTENDED FRONT W/ & W/O NOSE LIGHT 23 3/4" [60.2 cm]	7 1/2" EXTENDED FRONT 26 1/4" [66.6 cm]	
ORIGIN 2		STANDARD FRONT 18 3/4" [47.5 cm]	2 1/2" EXTENDED FRONT W/ & W/O NOSE LIGHT 21 1/4" [53.9 cm]	5" EXTENDED FRONT W/ & W/O NOSE LIGHT 23 3/4" [60.2 cm]	7 1/2" EXTENDED FRONT 26 1/4" [66.6 cm]	
THERMOPANE		6" THERMOPANE FRONT 29 7/8" [75.8 cm]	4" THERMOPANE FRONT 27 7/8" [70.8 cm]	4" THERMOPANE FRONT W/T NOSE LIGHT 27 7/8" [70.8 cm]	6" THERMOPANE FRONT 29 7/8" [75.8 cm]	

**OPTION PAGE NOTES:**

- Extended front sills are required for meat applications.
- Tag molding materials are PVC, aluminum, or painted aluminum.
- See Ecoblade tech sheet for additional information.



**ON5MHX-NRG**

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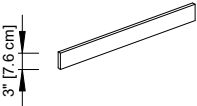
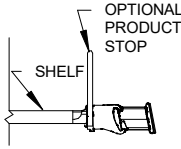

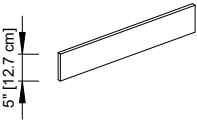
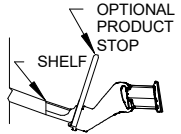



Rev. Date	Rev. #	Rev. Title
08-04-21	7	ENDVIEW UPDATE
09-25-19	6	OPTIONS UPDATE



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

SHELF TAG MOLDING OPTIONS	PRODUCT STOP OPTIONS (ONLY APPLICABLE ON SLOTTED TM)	SHELF EDGE ENERGY SAVINGS
<p><u>1.25" STD</u></p> 	<p><u>3" PLEXI PRODUCT STOPS</u></p> 	<p><u>ECO BLADE FLAT SHELF</u></p> 
<p><u>SLOTTED</u></p> 	<p><u>5" PLEXI PRODUCT STOPS</u></p> 	<p><u>ECO BLADE ANGLED SHELF</u></p> 
<p><u>ANGLED</u></p> 	<p><u>WIRE FENCE PRODUCT STOPS</u></p> 	
<p><u>ANGLED SLOTTED</u></p> 		

**OPTION PAGE NOTES:**

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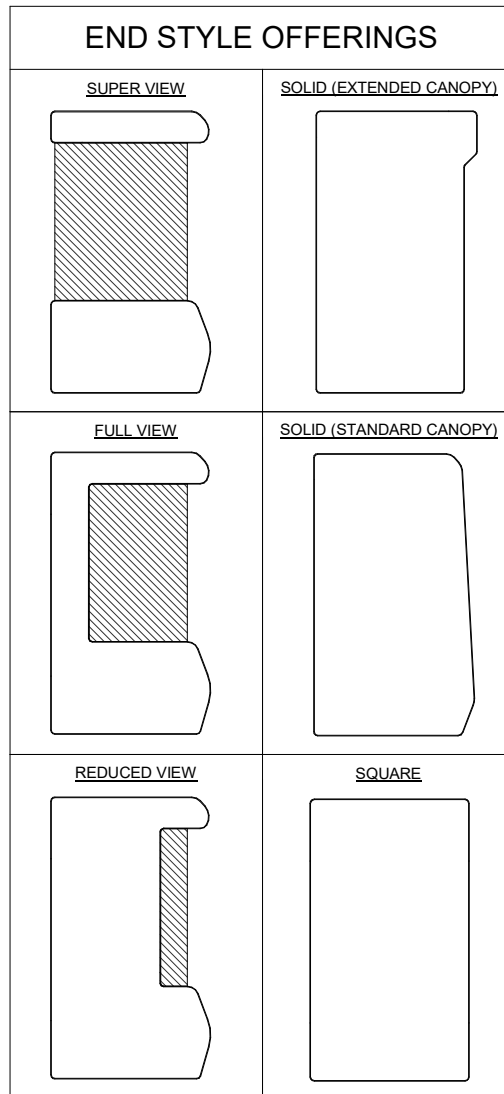
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Rev. Date	Rev. #	Rev. Title
08-04-21	7	ENDVIEW UPDATE
09-25-19	6	OPTIONS UPDATE



# ON5MHX-NRG

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



**NOTES:**

- Ends shown are for general use only. Shape, size, and appearance are subject to change based on engineering configuration.
- Hatched regions represent glass inserts.
- Ends are approximately 1 1/2" thick.
- Ends add approximately 1" to case height, 1/2" to the back & 1" to the front.



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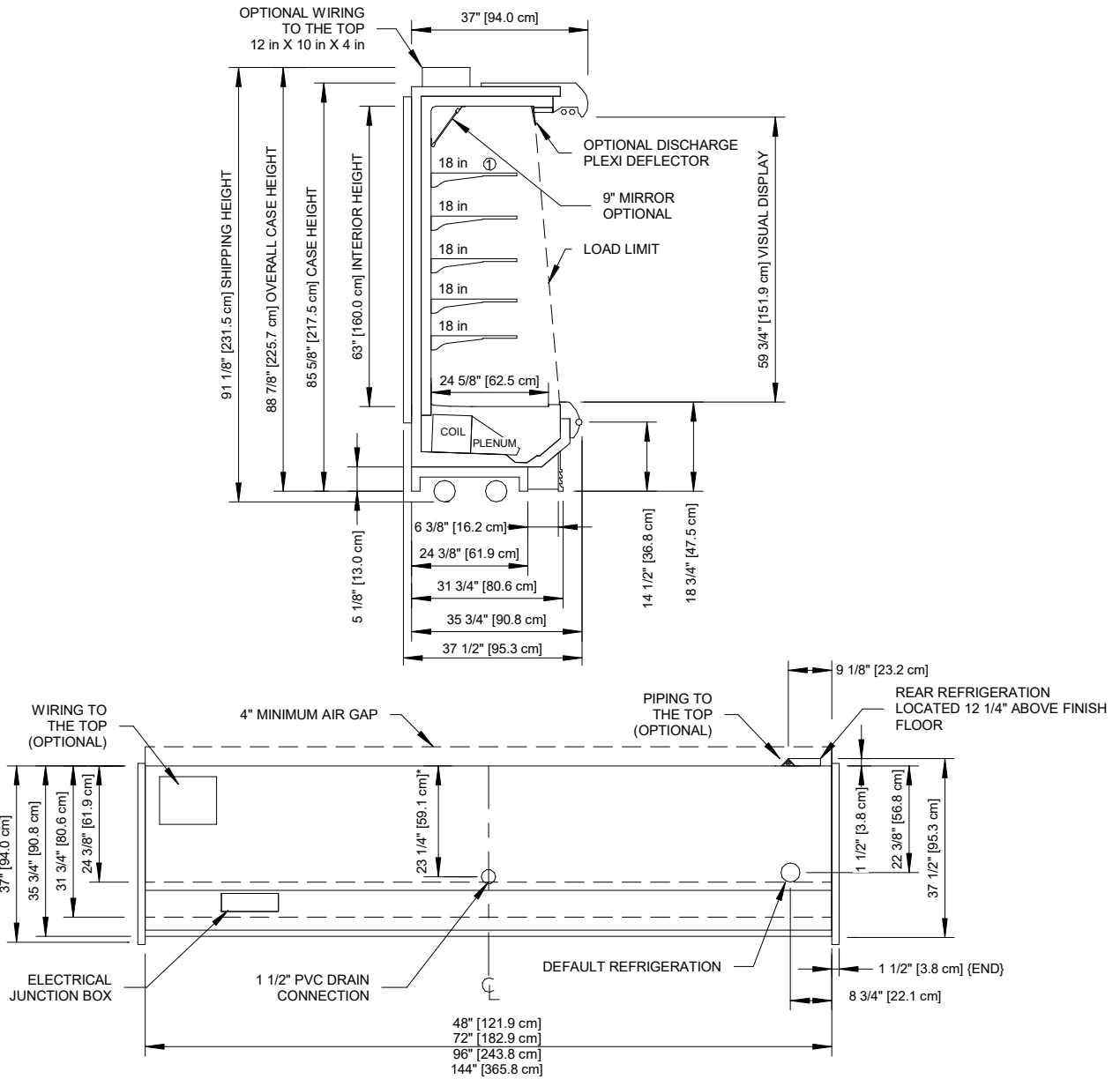
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Rev. Date	Rev. #	Rev. Title
08-04-21	7	ENDVIEW UPDATE
09-25-19	6	OPTIONS UPDATE



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4', 6', 8' & 12' High Multi-Deck Merchandiser with Synerg-E™  
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**NOTES:**

- \* :STUB-UP AREA
- \*\* :RECOMMENDED STUP-UP CENTERLINE FOR ELECTRICAL AND DRAINS
- ①:AVAILABLE SHELF SIZES: 10", 12", 14", 16", 18", 20", 22" & 24"

- Ends add approximately 1" to case height, 1/2" to the back & 1" to the front.
- Back panels add approximately 1" to the rear of the case.



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Rev. Date	Rev. #	Rev. Title
08-04-21	7	ENDVIEW UPDATE
09-25-19	6	OPTIONS UPDATE

