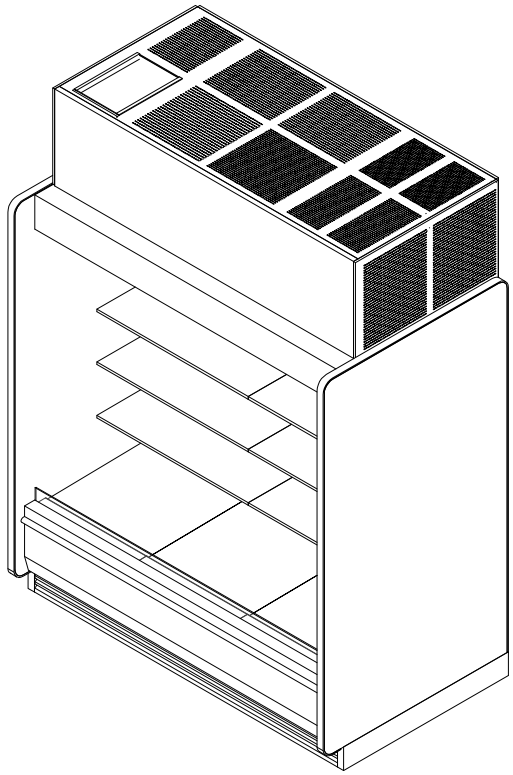
O5DMA-NRG

4' & 6' Self-Contained Multi-Deck Merchandiser
Beverage/Bulk Produce/Bakery/Dairy/Cut Produce/Deli

R-290 ECO FRIENDLY

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 lighted shelves.
- 2 rows of standard or 1 row of cornice high output LED lights only.
- NSF Type 1 – Designed to operate in an air-conditioned store that maintains a 75°F (24°C) store temperature and 55% (max) relative humidity. Case operation will be adversely affected by exposure to excessively high ambient temperatures and/or humidity.
- WARNING: R-290 flammable refrigerant in use. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.



SHIPPING WEIGHT	
Case	Weight
O5DMA-NRG	---

2017 DOE COMPLIANT NSF c UL us COMPONENT

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O5DMA-NRG

Rev. Date	Rev. #	Rev. Title
02-02-26	1	OPTIONS UPDATE
12-03-25	0	R-290 CONVERSION

SECOND NATURE NATURAL

Clearvoyant LED SYSTEM

Hillphoenix a DOVER company

O5DMA-NRG

4' & 6' Self-Contained Multi-Deck Merchandiser
Beverage/Bulk Produce/Bakery/Dairy/Cut Produce/Deli

R-290 ECO FRIENDLY

SYSTEM REQUIREMENTS									
Case Length	Volts	Wiring Type	Phase	Frequency (Hz)	Optional Factory Installed Plug	MCA	MOP	24hr Energy Usage (kWh)	THR (BTUH)
4'	120/208	3 Wire + Gnd	1	60	NEMA L14-30	21.7	25.0	37.6	5346.0
6'	120/208	3 Wire + Gnd	1	60	NEMA L14-30	24.5	30.0	52.8	7507.0

ELECTRICAL DATA					
Case Length	Fans Per Case	High Efficiency Fans		Evaporator Pan Heater	
		120 Volts		208 Volts	
		Amps	Watts	Amps	Watts
4'	2	0.4	68.0	3.6	750
6'	2	0.4	68.0	3.6	750

LIGHTING DATA						
Case Length	Lights Per Row	Light Length	High Power (Cornice Only)		Standard Power (Cornice or Shelf)	
			120 Volts		120 Volts	
			Amps	Watts	Amps	Watts
4'	1	4'	0.12	14.90	0.05	5.90
6'	2	3'	0.20	23.80	0.08	9.40

GUIDELINES AND CONTROL SETTINGS			
Application	Superheat Set Point @ Bulb (°F)	Discharge Air (°F)	Discharge Air Velocity (FPM)
Beverage/Bulk Produce	6 - 8	34	150
Bakery/Dairy/Cut Produce/Deli	6 - 8	30	150

CONDENSING UNIT DATA								
Case Length	Volts	Phase	Frequency (Hz)	Horsepower	Running Load Amps (RLA)	Locked Rotor Amps (LRA)	Refrigerant	Refrigerant (g)
4'	208	1	60	1 1/2	10	40.3	R-290	340
6'	208	1	60	2	12	56.0	R-290	380

DEFROST CONTROLS		
Defrosts Per Day	Timed-Off Defrost	
	Fail-Safe (Min)	Termination Temp (°F)
8	30	40

NOTES:

- "---" indicates that the feature is not an option for this case model and/or the data is not yet available.
- Listed discharge air velocity represents the average velocity immediately after defrost completion using a Testo 410i vane anemometer with anemometer air scoop (HP part number P109185M) positioned adjacent to the interior edge of the discharge honeycomb
- The recommended evaporator temperature and defrost settings 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.
- Discharge air temperature values represent readings taken within the upper air channel immediately behind/upstream of the honeycomb.

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SECOND NATURE NATURAL

Clearvoyant LED SYSTEM

Hillphoenix a DOVER company

O5DMA-NRG

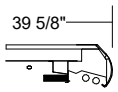
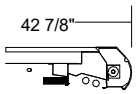
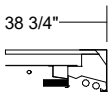
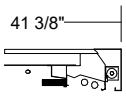
Rev. Date	Rev. #	Rev. Title
02-02-26	1	OPTIONS UPDATE
12-03-25	0	R-290 CONVERSION

O5DMA-NRG

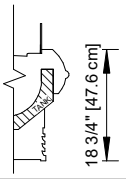
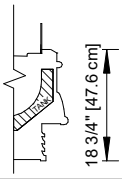
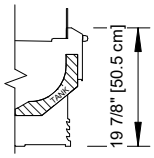
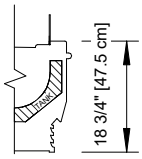
4' & 6' Self-Contained Multi-Deck Merchandiser
Beverage/Bulk Produce/Bakery/Dairy/Cut Produce/Deli

R-290 ECO FRIENDLY

CORNICE OPTIONS

CURVED CORNICE	CURVED CORNICE WITH NIGHT COVER	FLAT CORNICE	FLAT CORNICE WITH NIGHT COVER
			

FRONT OPTIONS

ORIGIN 2	CLASSIC 2 POLYMER
18" FRONT 	18" FRONT 
FLAT OPTION 1	**FLAT OPTION 2**
18" FRONT 	18" FRONT 

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SECOND NATURE NATURAL

Clearvoyant LED SYSTEM

Hillphoenix a DOVER company

O5DMA-NRG

Rev. Date	Rev. #	Rev. Title
02-02-26	1	OPTIONS UPDATE
12-03-25	0	R-290 CONVERSION

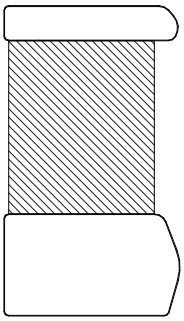
O5DMA-NRG

4' & 6' Self-Contained Multi-Deck Merchandiser
Beverage/Bulk Produce/Bakery/Dairy/Cut Produce/Deli

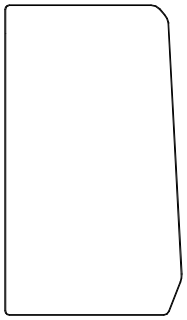
R-290 ECO FRIENDLY

END STYLE OFFERINGS

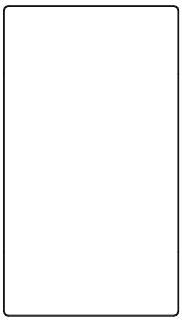
SUPER VIEW



SOLID (STANDARD CANOPY)



SQUARE



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.
- Ends are available with either polymer end trim or metal end trim.
- Superview ends are not allowed on case models using the Deli application.

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O5DMA-NRG

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12-03-25	0	R-290 CONVERSION

SECOND NATURE NATURAL

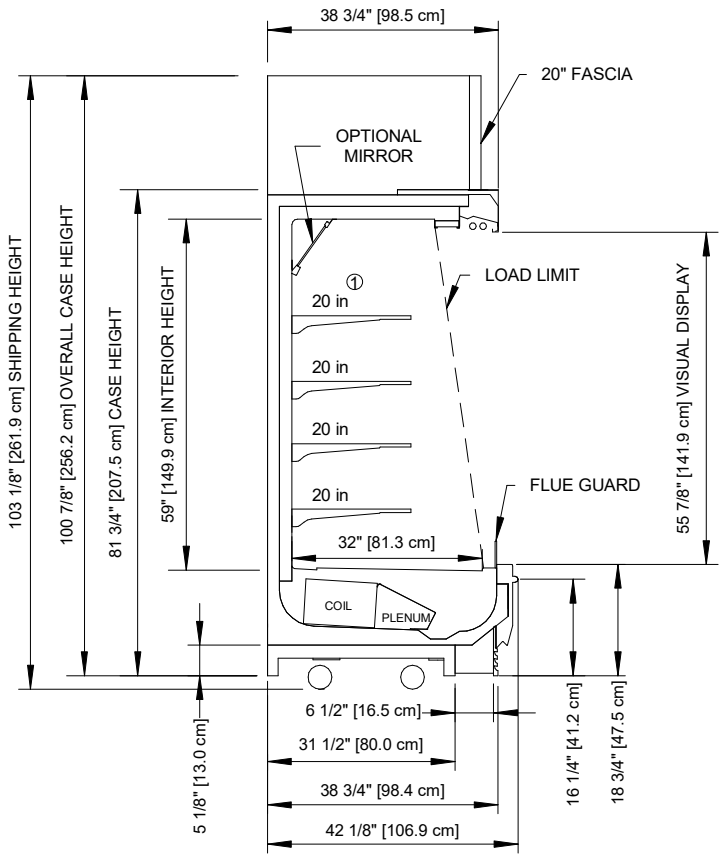
Clearvoyant LED SYSTEM

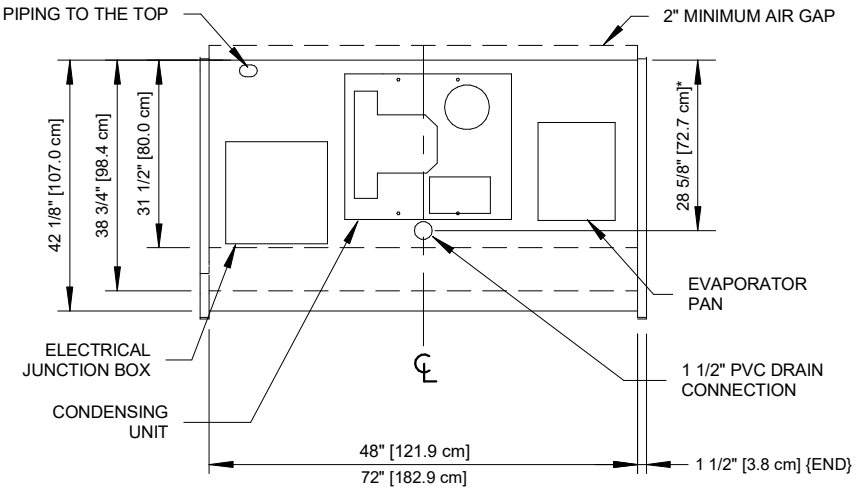
Hillphoenix a DOVER company

O5DMA-NRG

4' & 6' Self-Contained Multi-Deck Merchandiser
Beverage/Bulk Produce/Bakery/Dairy/Cut Produce/Deli

R-290 ECO FRIENDLY





NOTES:

* : STUB-UP AREA
** : RECOMMENDED STUP-UP CENTERLINE FOR ELECTRICAL AND DRAINS
① : AVAILABLE SHELF SIZES: 20", 22" & 24"

- Ends add approximately 1" to case height, 1/2" to the back of the case and 1" to the front of the case.
- A 12-inch minimum clearance is required above case fascia, presuming single case line-up. Consult the factory if multiple cases are being placed in the line-up.

2017 DOE COMPLIANT

NSF COMPONENT

c UL us

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