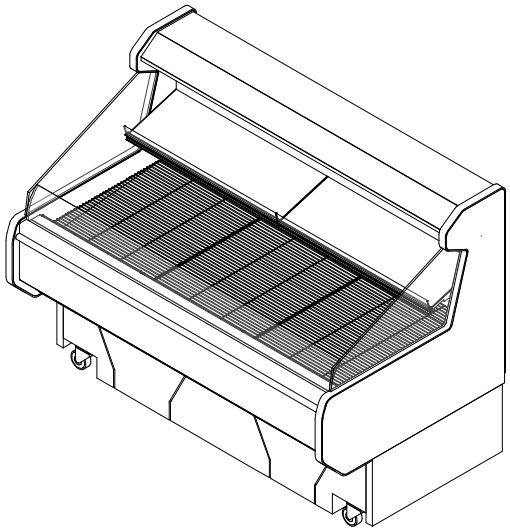
# O2.5UMA-NRG

4' & 6' Multi-Deck Mobile Self-Contained Merchandiser
Bakery/Dairy/Cut Produce/Meat/Seafood/Deli

R-290 ECO FRIENDLY

**GENERAL NOTES:**

- "---" indicates that the feature is not an option on this case model and/or the data is not yet available yet.
- LED lights only.
- Maximum of 2 rows of standard output LED lighted shelves.
- Nose lights are not available.
- 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 |
| O2.5UMA-NRG | --- |

2017 DOE COMPLIANT NSF c UL us COMPONENT

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**O2.5UMA-NRG**

| Rev. Date | Rev. # | Rev. Title |
|---|---|---|
| 02-25-25 | 2 | DATA UPDATE |
| 01-14-25 | 1 | DATA UPDATE |

SECOND NATURE NATURAL

Clearvoyant LED SYSTEM

Hillphoenix a DOVER company

# O2.5UMA-NRG

4' & 6' Multi-Deck Mobile Self-Contained Merchandiser
Bakery/Dairy/Cut Produce/Meat/Seafood/Deli

R-290 ECO FRIENDLY

| SYSTEM REQUIREMENTS | | | | | | |
|---|---|---|---|---|---|---|
| Case Length | Volts | Phase | Frequency (Hz) | Plug | Minimum Circuit Ampacity | Maximum Overcurrent Protection |
| 4' | 120 | 1 | 60 | NEMA L5-20 | 19.1 | 25 |
| 6' | 120 | 1 | 60 | NEMA L5-20 | 30.1 | 40 |

| ELECTRICAL DATA | | | | | |
|---|---|---|---|---|---|
| Case Length | Fans Per Case | High Efficiency Fans 120 Volts | | Drain Pan 120 Volts | |
| | | Amps | Watts | Amps | Watts |
| 4' | 1 | 0.1 | 10.0 | 4.2 | 500 |
| 6' | 2 | 0.2 | 17.8 | 4.2 | 500 |

| LIGHTING DATA | | | | |
|---|---|---|---|---|
| Case Length | Lights Per Row | Light Length | Standard Power (Cornice or Shelf) 120 Volts | |
| | | | Amps | Watts |
| 4' | 1 | 4' | 0.05 | 5.90 |
| 6' | 2 | 3' | 0.08 | 9.40 |

| GUIDELINES AND CONTROL SETTINGS | | | | | |
|---|---|---|---|---|---|
| Case Length | 24hr Energy Usage (kWh) | Suction Pressure @ Case Outlet (psig) | Superheat Set Point @ Bulb (°F) | Discharge Air (°F) | Discharge Air Velocity (FPM) |
| 4' | 17.2 | 50 | 6 - 8 | 34 | 110 |
| 6' | 27.0 | 50 | 6 - 8 | 34 | 110 |

| CONDENSING UNIT DATA | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Case Length | Volts | Phase | Frequency (Hz) | Horsepower | Running Load Amps (RLA) | Locked Rotor Amps (LRA) | Refrigerant | Refrigerant (g) |
| 4' | 120 | 1 | 60 | 1/2 | 8.37 | 40.2 | R-290 | 120 |
| 6' | 120 | 1 | 60 | 3/4 | 8.98 | 56.6 | R-290 | 126 |

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

**NOTES:**

- "---" indicates that the data is not yet available. R-290 has shown to be more efficient than typical HFC refrigerants. Finalized Energy Data will be available at a later date.
- 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.

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SECOND NATURE NATURAL
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4' & 6' Multi-Deck Mobile Self-Contained Merchandiser
Bakery/Dairy/Cut Produce/Meat/Seafood/Deli

R-290 ECO FRIENDLY

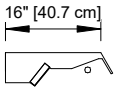
## REAR SILL OPTIONS

STANDARD REAR SILL

8 1/2" [21.7 cm]

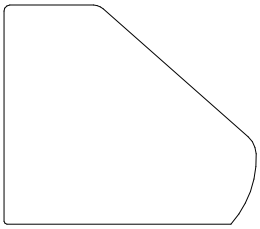
16" REAR SILL
(REAR DISCHARGE)

16" [40.7 cm]

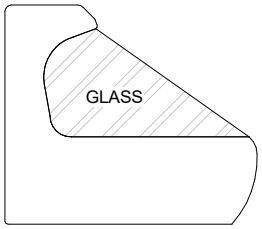


## END OPTIONS

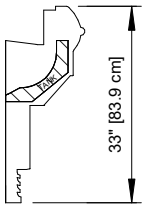
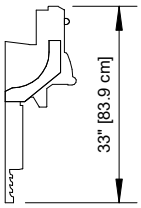
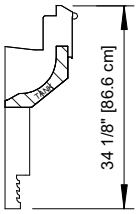
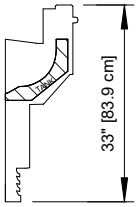
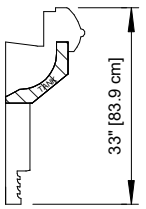
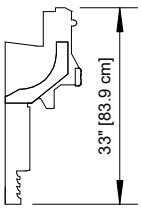
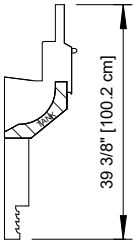
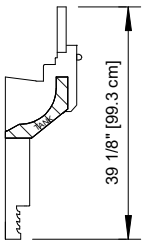
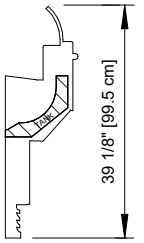
SOLID END



FULL VIEW END




## FRONT OPTIONS

| ORIGIN 2 FRONT | CLASSIC 2 FRONT | FLAT FRONT ANGLED TOP | FLAT FRONT FLAT TOP |
|---|---|---|---|
| STANDARD FRONT | C2 POLYMER FRONT | STANDARD FRONT | STANDARD FRONT |
|   |   |   |   |
| STANDARD FRONT | C2 METAL FRONT | 6" THERMOPANE FRONT | 6" THERMOPANE FRONT |
|   |   |   |   |
| | | | 6" PLEXIGLAS FRONT |
| | | |   |

**NOTES:**

- Front and rear sill heights vary with base frame height.
- Extended front sills are required on meat applications to maintain proper product temperature.

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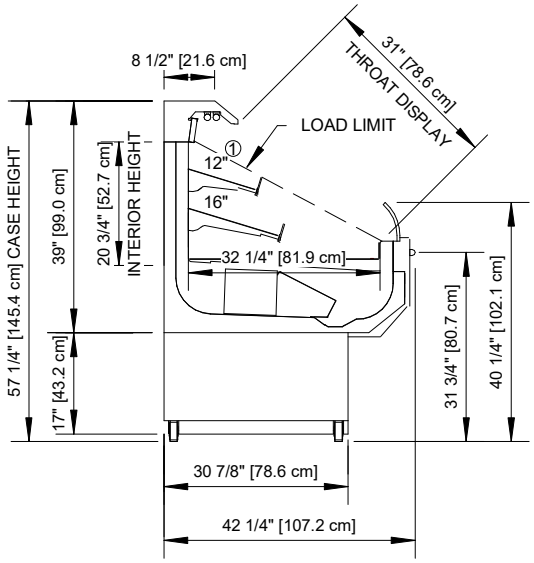
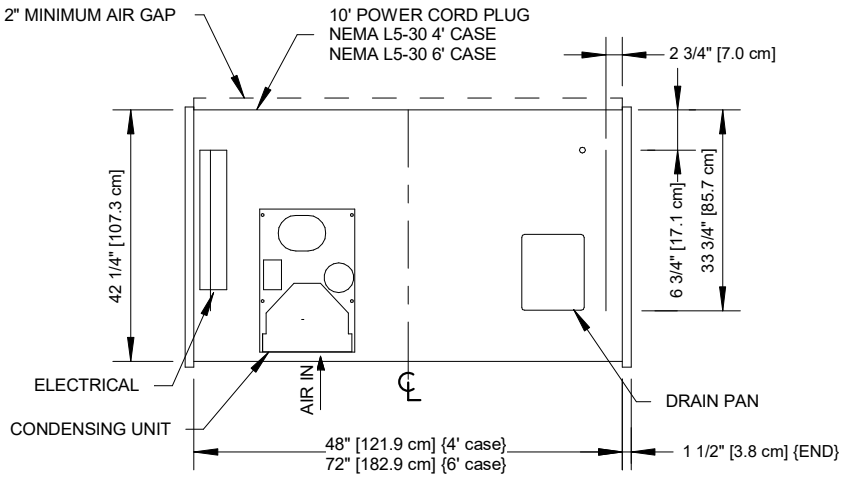
R-290 ECO FRIENDLY




**NOTES:**

* :STUB-UP AREA

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

① :AVAILABLE SHELF SIZES: 10", 12", 14" & 16"

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

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