



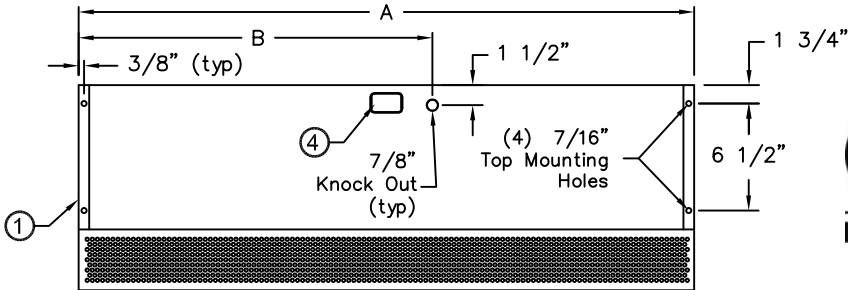
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| | | | |
|------------------------|---------------------|-----------------|------------|
| PROJECT | | OPTIONS/ITEMS | |
| TITLE | | | |
| COMMENTS | | DATE 4/9/15 | PAGE |
| | | REV. NO | |
| MODEL NO. N2 Series | DRAWING NO N2U-F | DRAWN BY TVN | CHECKED BY |
| | | FILE NAME | |

Unheated Drawing

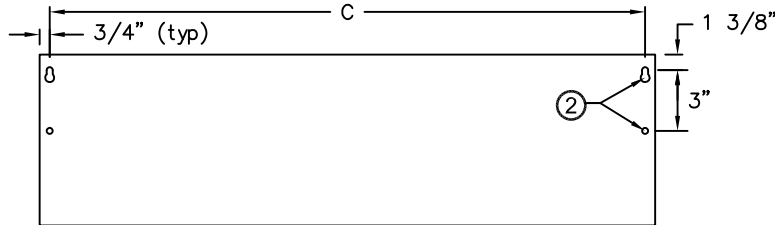
N2 (Sanitation Customer Entrance) Series



TOP VIEW



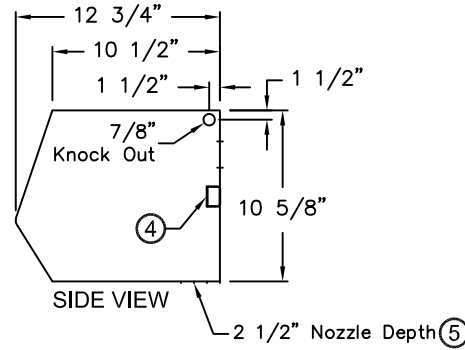
FRONT VIEW



REAR VIEW

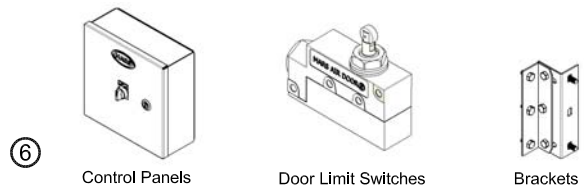


Note: Model N260-2 is not AMCA Certified



SIDE VIEW

⑦ Recommended Accessories



*- Use corresponding letters in "Electrical Data" columns to complete the model numbers.

| MODEL NUMBER | OVERALL LENGTH A (in) | KNOCKOUT LOCATION B (in) | REAR MOUNTING CENTER C (in) |
|--------------|--------------------------|-----------------------------|--------------------------------|
| N236-1U*-OB | 36 | 25 1/2 | 34 1/2 |
| N242-1U*-OB | 42 | 28 1/2 | 40 1/2 |
| N248-1U*-OB | 48 | 31 1/2 | 46 1/2 |
| N260-2U*-OB | 60 | 37 1/2 | 58 1/2 |
| N272-2U*-OB | 72 | 40 | 70 1/2 |
| N284-2U*-OB | 84 | 46 | 82 1/2 |
| N296-2U*-OB | 96 | 52 | 94 1/2 |
| N2108-3U*-OB | 108 | 58 | 106 1/2 |
| N2120-3U*-OB | 120 | 64 | 118 1/2 |
| N2144-3U*-OB | 144 | 76 | 142 1/2 |

Notes:

- This product is designed to meet the National Electric Code (NEC), ETL Safety Listed for the US and Canada, AMCA Certified and bear the CE mark.
- 1/2" key hole slots and 7/16" mounting holes (4) provided, (2) on each end for wall mounting.
- Cabinet has sufficient strength for fastening to wall on both ends without intermediate support.
- Internal J-Box(es) for electrical wiring: one motor-(1) 2"x 4"; two motors-(1) 4"x 4"; three motors-(2) 4"x 4".
- Unit is to be installed such that air flow is unobstructed. Air discharge nozzle containing adjustable air directional vanes with 40° sweep front to back.
- Circuit protection as per NEC by others.
- Optional motor control panel, door limit switch and mounting brackets are field installed and/or wired by others. The door limit switch is to be mounted such that the air curtain turns on as door begins to open. To prevent unit damage, the mounting brackets must be installed such that the bottom of the air curtain is not below the door header.

N2 (Sanitation Customer Entrance) Series



Unheated

Model Lengths 36" – 144"

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Unheated Data Sheet

Applications: Insect Control (up to 7')

| N2 (Sanitation Customer Entrance) Series 2 | Mechanical Data | | | | | | AMCA Certified Lab Data | | | | |
|--|-----------------|--------------------|-------------|------------|-------------|------------|-------------------------|-----------------------------------|--------------------|--------------|----------------|
| | Model Number | Nozzle Length (in) | Length (in) | Depth (in) | Height (in) | Motor (hp) | Weight (lbs) | Max Core Velocity at Nozzle (fpm) | Avg Velocity (fpm) | Volume (cfm) | Uniformity (%) |
| N236-1U*-OB | 36 | 36 | 13 | 11 | 1/2 | 60 | 5960 | 2206 | 1379 | 84 | 500 |
| N242-1U*-OB | 42 | 42 | 13 | 11 | 1/2 | 65 | 4865 | 1945 | 1418 | 87 | 510 |
| N248-1U*-OB | 48 | 48 | 13 | 11 | 1/2 | 70 | 4247 | 1730 | 1442 | 85 | 550 |
| N260-2U*-OB | 60 | 60 | 13 | 11 | Two 1/2 | 90 | 6737 | 2592 | 2700 | 93 | 940 |
| N272-2U*-OB | 72 | 72 | 13 | 11 | Two 1/2 | 120 | 5960 | 2206 | 2758 | 84 | 1000 |
| N284-2U*-OB | 84 | 84 | 13 | 11 | Two 1/2 | 125 | 4865 | 1945 | 2836 | 87 | 1020 |
| N296-2U*-OB | 96 | 96 | 13 | 11 | Two 1/2 | 135 | 4247 | 1730 | 2884 | 85 | 1100 |
| N2108-3U*-OB | 108 | 108 | 13 | 11 | Three 1/2 | 175 | 5960 | 2206 | 4137 | 84 | 1500 |
| N2120-3U*-OB | 120 | 120 | 13 | 11 | Three 1/2 | 185 | 4660 | 2084 | 4341 | 92 | 1570 |
| N2144-3U*-OB | 144 | 144 | 13 | 11 | Three 1/2 | 200 | 4247 | 1730 | 4326 | 85 | 1650 |

* - Use corresponding letters in "Electrical Data" columns to complete the model numbers.

Note: ETL Sanitation models available in 60 Hz only.

1. The AMCA Certified Ratings Seal applies to airflow rate, average outlet velocity, outlet velocity uniformity, velocity projection and power rating at free delivery only.
2. Rated data shown are only for base (unheated) units, as shown.

Features:

- ❖ 1/2 HP Continuous Duty Motors
- ❖ Sleek self-contained one piece heavy gauge corrosion proof paint lock metal design
- ❖ ETL Certified to conform to ANSI/NSF 37 Standards for Customer Entrances up to 7'
- ❖ ETL Certified to conform to UL 507 (US) and CSA 22.2 (Canada) Standards
- ❖ AMCA Certified to AMCA 211 Standards
- ❖ Top and wall mounting holes provided (7/16")
- ❖ Cabinet has sufficient strength for fastening to wall on both ends without intermediate support.
- ❖ Adjustable air directional vanes with 40° sweep front to back
- ❖ Standard color is Obsidian Black
- ❖ Rust preventative electrostatic polyurethane powder coating
- ❖ 5 year parts warranty
- ❖ Freight Included (FOB Continental USA)
- ❖ Proudly Made in the USA

Options and Accessories: (see Accessories Brochure)

- ❖ Motor Control Panels
- ❖ Wall and Overhead Bracket
- ❖ Custom colors and finishes (304SS, 316SS)

Sound Levels: (measured at 10' in an open field)

1 Motor Unit = 66 dBA, 2 Motor Unit = 68 dBA, 3 Motor Unit = 71 dBA & 4 Motor Unit = 73 dBA

| Model | Projection Velocity | |
|-------------|---------------------------|--------------------------|
| | Distance from nozzle (in) | Avg. Core Velocity (FPM) |
| N236-1U*-OB | 36" | 1522 |
| | 48" | 1312 |
| | 60" | 1158 |



MARS Air Systems, LLC certifies that the Air Curtains shown on this data sheet are licensed to bear the AMCA seal. The rating shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

Note: Model N260-2 is not AMCA Certified.

NOTE: MARS AIR SYSTEMS, LLC reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.

| Electrical Data (FLA) | Unit Voltage (Voltage Code) | | | | |
|-----------------------|-----------------------------|-----------------|-----------------|----------|-------------|
| | 115v (A) | 208-230v/1Ø (D) | 208-230v/3Ø (G) | 460v (H) | 575v/3Ø (I) |
| N236-1U*-OB | 5.1 | 2.5 | 1.8/1.6 | 0.8 | 0.7 |
| N242-1U*-OB | 5.1 | 2.5 | 1.8/1.6 | 0.8 | 0.7 |
| N248-1U*-OB | 5.1 | 2.5 | 1.8/1.6 | 0.8 | 0.7 |
| N260-2U*-OB | 10.2 | 5.0 | 3.6/3.2 | 1.6 | 1.4 |
| N272-2U*-OB | 10.2 | 5.0 | 3.6/3.2 | 1.6 | 1.4 |
| N284-2U*-OB | 10.2 | 5.0 | 3.6/3.2 | 1.6 | 1.4 |
| N296-2U*-OB | 10.2 | 5.0 | 3.6/3.2 | 1.6 | 1.4 |
| N2108-3U*-OB | 15.3 | 7.5 | 5.4/4.8 | 2.4 | 2.1 |
| N2120-3U*-OB | 15.3 | 7.5 | 5.4/4.8 | 2.4 | 2.1 |
| N2144-3U*-OB | 15.3 | 7.5 | 5.4/4.8 | 2.4 | 2.1 |

* - Use corresponding letters in "Electrical Data" columns to complete the model numbers.

Note: For Ampacity Multiply FLA X 1.25

EXAMPLE

