Unheated Drawing

N2
(Sanitation Customer Entrance)
Series

TOP VIEW

FRONT VIEW

REAR VIEW

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

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>OVERALL LENGTH A (in)</th>
<th>KNOCKOUT LOCATION B (in)</th>
<th>REAR MOUNTING CENTER C (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N236-1U-08</td>
<td>36</td>
<td>25 1/2</td>
<td>34 1/2</td>
</tr>
<tr>
<td>N242-1U-08</td>
<td>42</td>
<td>28 1/2</td>
<td>40 1/2</td>
</tr>
<tr>
<td>N248-1U-08</td>
<td>49</td>
<td>31 1/2</td>
<td>46 1/2</td>
</tr>
<tr>
<td>N280-2U-08</td>
<td>60</td>
<td>37 1/2</td>
<td>58 1/2</td>
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<tr>
<td>N272-2U-08</td>
<td>72</td>
<td>40</td>
<td>70 1/2</td>
</tr>
<tr>
<td>N284-2U-08</td>
<td>84</td>
<td>46</td>
<td>82 1/2</td>
</tr>
<tr>
<td>N296-2U-08</td>
<td>96</td>
<td>52</td>
<td>94 1/2</td>
</tr>
<tr>
<td>N2108-3U-08</td>
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<td>58</td>
<td>106 1/2</td>
</tr>
<tr>
<td>N2120-3U-08</td>
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<td>118 1/2</td>
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<td>N2144-3U-08</td>
<td>144</td>
<td>76</td>
<td>142 1/2</td>
</tr>
</tbody>
</table>

Notes:
1. 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.
2. 1/2" key hole slots and 7/16" mounting holes (4) provided, (2) on each end for wall mounting.
3. Cabinet has sufficient strength for fastening to wall on both ends without intermediate support.
4. 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".
5. 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.
6. Circuit protection as per NEC by others.
7. 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”

Unheated Data Sheet

Applications: Insect Control (up to 7’)

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Nozzle Length (in)</th>
<th>Length (in)</th>
<th>Depth (in)</th>
<th>Height (in)</th>
<th>Motor (hp)</th>
<th>Weight (lbs)</th>
<th>Max Core Velocity at Nozzle (fpm)</th>
<th>Avg Velocity (fpm)</th>
<th>Volume (cfm)</th>
<th>Uniformity (%)</th>
<th>Power Rating (watts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N236-1U*OB</td>
<td>36</td>
<td>36</td>
<td>13</td>
<td>11</td>
<td>1/2</td>
<td>60</td>
<td>5960</td>
<td>2206</td>
<td>1379</td>
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<td>500</td>
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<td>13</td>
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<td>1/2</td>
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<td>5960</td>
<td>2206</td>
<td>1379</td>
<td>84</td>
<td>500</td>
</tr>
<tr>
<td>N272-2U*OB</td>
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<td>13</td>
<td>11</td>
<td>1/2</td>
<td>120</td>
<td>5960</td>
<td>2206</td>
<td>2758</td>
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<td>4865</td>
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<td>2836</td>
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<td>2884</td>
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<td>1100</td>
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<td>6600</td>
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<td>1730</td>
<td>4326</td>
<td>85</td>
<td>1650</td>
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</tbody>
</table>

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

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 TEAO 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 (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

Example:

N2  72 - 2 U D - T S

Series: N2

Length of Unit

# of Motors

U = Unheated

Voltage Code

Color

N2U-2, August 10, 2018

MARS AIR SYSTEMS, LLC ● GARDENA, CA ● USA