Unheated Drawing

WMI
(Wind Stopping 14)
Series

3/4"  C"

1
2
3
6

TOP VIEW

4
6

FRONT VIEW

A"  B"

22"

SIDE VIEW

22"

Recommended Accessories

(4) 1/2-13 UNC Threaded Rod & Nuts By Others

Notes:

1. This product is designed to meet the National Electric Code (NEC) and is CSA Listed and AMCA 211 Certified.
2. (4) 5/8" mounting holes provided on for overhead mounting provided, (2) on each end.
3. All units have a self contained one piece cabinet, fire retardant and corrosion proof paint lock metal double protected with baked on Titanium Silver color, rust preventative electrostatic polyurethane powder coating.
4. Cabinet is to be mounted from overhead and has sufficient strength for suspension from both ends without intermediate support.
5. Unit is to be installed such that air flow is unobstructed. Unit has a 4.5" air discharge nozzle containing adjustable air directional vanes with 40° sweep front to back.
6. Units are direct drive. One external top mounted 2"x4" J-box provided above each motor. VFD optional.
7. Adjustable perforated volume dampers (2). Capable of reducing air velocity up to 50%.
8. Circuit protection as per NEC by others.
9. Optional motor control panel and door limit switch 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 air curtains must be installed such that the bottom of the air curtain is not below the door header.

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

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>Nozzle Length (in)</th>
<th>Length (in)</th>
<th>Depth (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WMI96-2U*+TS</td>
<td>96</td>
<td>99</td>
<td>22</td>
</tr>
<tr>
<td>WMI120-2U*+TS</td>
<td>120</td>
<td>123</td>
<td>22</td>
</tr>
<tr>
<td>WMI144-2U*+TS</td>
<td>144</td>
<td>147</td>
<td>22</td>
</tr>
<tr>
<td>WMI168-3U*+TS</td>
<td>168</td>
<td>171</td>
<td>22</td>
</tr>
<tr>
<td>WMI192-4U*+TS</td>
<td>192</td>
<td>195</td>
<td>22</td>
</tr>
</tbody>
</table>
WMI (Wind Stopping 14) Series
Unheated
Model Lengths 96” – 192”

Unheated Data Sheet

Applications: Environmental Separation: Max Height 16’ / Insect Control: Max Height 14’

<table>
<thead>
<tr>
<th>WMI (Wind Stopping 14)</th>
<th>Mechanical Data</th>
<th>Lab Data</th>
<th>AMCA Certified Lab Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>WMI96-2U*-TS</td>
<td>96</td>
<td>99</td>
<td>22</td>
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<tr>
<td>WMI120-2U*-TS</td>
<td>120</td>
<td>123</td>
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<tr>
<td>WMI144-2U*-TS</td>
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<td>147</td>
<td>22</td>
</tr>
<tr>
<td>WMI168-3U*-TS</td>
<td>168</td>
<td>171</td>
<td>22</td>
</tr>
<tr>
<td>WMI192-4U*-TS</td>
<td>192</td>
<td>195</td>
<td>22</td>
</tr>
</tbody>
</table>

- Use corresponding letters in “Electrical Data” columns to complete the model numbers.

Features:
- 2 to 3 HP continuous duty industrial motors
- Direct drive unit for heavy duty industrial projects
- AMCA Certified units (see table above for models available)
- CSA Certified to conform to UL 507 (US) and CSA 22.2 (Canada) Standards
- Top and wall mounting holes provided (5/8”)
- 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 Titanium Silver
- Rust preventative electrostatic polyurethane powder coating
- 12 month parts warranty
- Freight Not Included (FOB Factory)
- Proudly Made in the USA

Options and Accessories: (see Accessories Brochure)
- Motor Control Panels
- Washdown units and accessories (NEMA 4x)
- Explosion Resistant units and accessories (Class I, Div. I, Group D)
- Custom colors and finishes (304SS & 316SS)

Sound Levels: (measured at 10’ in an open field)
2 Motor Unit = 66 dBA, 3 Motor Unit = 67 dBA & 4 Motor Unit = 68 dBA

<table>
<thead>
<tr>
<th>Projection Velocity</th>
<th>Model</th>
<th>Distance from nozzle (in)</th>
<th>Avg. Core Velocity (FPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WMI96-1U*-TS</td>
<td>36'</td>
<td>2180</td>
</tr>
<tr>
<td></td>
<td>WMI120-1U*-TS</td>
<td>84'</td>
<td>1463</td>
</tr>
<tr>
<td></td>
<td>WMI144-1U*-TS</td>
<td>132'</td>
<td>1240</td>
</tr>
</tbody>
</table>

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.