Niagara Wet Dust Collection Systems come in a variety of models that are intended for safe, efficient collection of various dusts produced from grinding and deburring operations, using a water filled tank as the filter pulling the contaminated air. Dust particles sink to the base of the tank and are easily raked into a disposal container. Materials suitable for wet collection include quick wetting and sinking dusts, materials of a combustible nature, applications where sparks may occur, or where mixing of material and various minerals occur, or in any application where particles are heavier than the specific weight of water. An optional National Fire Code NFPA 484 Approved kit is available for combustible materials.

**Electronic Sensor**

Electronic level sensor control with automatic refill

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**MACHINE CONFIGURATION**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>1200</th>
<th>1800</th>
<th>2200</th>
<th>2800</th>
<th>3700</th>
<th>4700</th>
<th>5500</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nominal CFM</strong></td>
<td>1200</td>
<td>1800</td>
<td>2200</td>
<td>2800</td>
<td>3700</td>
<td>4700</td>
<td>5500</td>
</tr>
<tr>
<td><strong>Horsepower</strong></td>
<td>3 HP</td>
<td>5 HP</td>
<td>7.5 HP</td>
<td>10 HP</td>
<td>15 HP</td>
<td>20 HP</td>
<td>25 HP</td>
</tr>
<tr>
<td><strong>Approx Water Capacity</strong></td>
<td>75 Gallons</td>
<td>75 Gallons</td>
<td>160 Gallons</td>
<td>160 Gallons</td>
<td>225 Gallons</td>
<td>225 Gallons</td>
<td>225 Gallons</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A</strong></td>
<td>42” (*51”)</td>
<td>42”</td>
<td>51” (*63”)</td>
<td>51”</td>
<td>71.5”</td>
<td>71.5”</td>
<td>71.5”</td>
</tr>
<tr>
<td><strong>B</strong></td>
<td>31”</td>
<td>34”</td>
<td>51.5”</td>
<td>51.5”</td>
<td>73.5”</td>
<td>73.5”</td>
<td>73.5”</td>
</tr>
<tr>
<td><strong>C</strong></td>
<td>87”</td>
<td>87”</td>
<td>104”</td>
<td>104”</td>
<td>99”</td>
<td>99”</td>
<td>99”</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>35.5”</td>
<td>35.5”</td>
<td>38”</td>
<td>38”</td>
<td>73.5”</td>
<td>73.5”</td>
<td>73.5”</td>
</tr>
<tr>
<td><strong>E</strong></td>
<td>13”</td>
<td>13”</td>
<td>23”</td>
<td>23”</td>
<td>17”</td>
<td>17”</td>
<td>17”</td>
</tr>
<tr>
<td><strong>Inlet G</strong></td>
<td>6”</td>
<td>7”</td>
<td>8”</td>
<td>10”</td>
<td>12”</td>
<td>12”</td>
<td>14”</td>
</tr>
</tbody>
</table>

*with Reducer

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Electronic Sensor

With automatic refill

5-Year Limited Warranty on Stainless Steel Housings and Stainless Steel Components, excluding the impeller.
**STANDARD FEATURES**

- Welded stainless steel main tank with ribbed construction
- Impeller motor is T.E.F.C. rated from 3-25 HP
- Stainless steel baffles designed for continuous water spray to filter contaminated air
- Stainless steel mist eliminator pack
- Stainless steel door designed for explosion relief
- Stainless steel lift-off door for quick access & easy cleaning
- Electronic high/low water level sensor with automatic refill
- One inch brass water drain valve for cleaning
- Water level monitoring scale mounted in an easy to read location
- Stainless steel impeller is balanced to minimize vibration
- Brass fittings and stainless steel hardware to prevent rust
- Push button motor starter and overload wired with water tight connectors and conduit
- Main disconnect switch
- Stainless steel housing

**OPTIONAL EQUIPMENT**

- Custom pipe kit
- NFPA 484 Approved kit for combustible materials
- Sump vent blower kit for magnesium
- Explosive proof motor
- Sound dampening kit
- Automatic sump shovel with secondary filter

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For over 60 years, Midwest Automation has manufactured industrial machinery for the woodworking, composite panel and metalworking industries using U.S. labor, and locally available components whenever possible.

Our extensive application knowledge, coupled with creative machine designs, allows us to provide unique and reliable solutions that improve your manufacturing processes, supported by local parts and service.

If you are looking for an industrial machinery manufacturer with real application expertise, contact Midwest Automation today.

Manufacturing results since 1959.