The stainless steel wet dust collector excels at capturing combustible/hazardous dust from your plant air. The blower draws air through DiversiTech’s proprietary water-tree baffle design, creating a cascading water effect that removes particles as small as 3 micron from the airstream. Dust is filtered through contact with water droplets and contained in the bottom of the collector for safe removal at necessary maintenance intervals. Water levels are automatically controlled with valves and sensors, including interlock functions to meet NFPA and OSHA codes.

**NFPA 484 Compliant**

In 2015, NFPA updated the 484 standard requiring an interlocked offline vent fan, to prevent build-up of hydrogen gas. Optional HEPA filters also now require a high temperature alert. Diversitech’s CSA/UL certified control panel now supports:

- Offline Vent Fan included
- HEPA Filter high temperature alert (option)

**100% Duty Cycle**

The WX collector’s new ultrasonic water sensor monitors and automatically adds water as needed, even while the machine is in operation.

- Online adaptive water-level control
- Automatically adds water, offline & online
- Safety overflow drain

**Benefits:**

- Capture-at-source for Cleaner Air
- Complies with NFPA guidelines for Combustible Dust

**Features:**

- Ultrasonic water level sensor
- NEMA 4x control panel w/LCD display
- Mainline Interlock Switch
- Anti-corrosion stainless steel #304 construction
- High efficiency, non-sparking blower wheel
- Transparent Lexan doors, with easy access clasps
- Low-cost mist eliminator after filters

**Ideal Applications:**

- Aluminum
- Magnesium
- Titanium
- Grinding & Deburring
- Sanding & Finishing
- Powder Mixing
- Buffing & Polishing
- Wide Belt Sanding

**SANDING • DEBURRING • POLISHING • MIXING • GRINDING**
Options:
1. Ducted downdraft table in four standard sizes
2. WV-55 Sludge Removal Vacuum
3. High-efficiency Hepa after-filter kit (99.99% @ 0.3 micron)
4. Self-cleaning strainer system to remove dust and sludge

*Custom configurations available on request.

### Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Water Fill System</th>
<th>Nominal Airflow (CFM)</th>
<th>Tank Capacity (Gallons)</th>
<th>Motor (HP)</th>
<th>Power @ 230V (amps)</th>
<th>Power @ 460V (amps)</th>
<th>Power @ 575V (amps)</th>
<th>Noise @ 5ft. (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WX-1200</td>
<td>auto</td>
<td>1200</td>
<td>16</td>
<td>3.0</td>
<td>9.6</td>
<td>4.8</td>
<td>3.9</td>
<td>74</td>
</tr>
<tr>
<td>WX-3000</td>
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<td>2000-3500</td>
<td>40</td>
<td>5.0</td>
<td>15.2</td>
<td>7.6</td>
<td>6.1</td>
<td>78</td>
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<tr>
<td>WX-5000</td>
<td>auto</td>
<td>3000-5000</td>
<td>80</td>
<td>10.0</td>
<td>28.0</td>
<td>14.0</td>
<td>11.0</td>
<td>78</td>
</tr>
<tr>
<td>WX-6500</td>
<td>auto</td>
<td>4000-6500</td>
<td>80</td>
<td>15.0</td>
<td>34.0</td>
<td>16.9</td>
<td>14.0</td>
<td>80</td>
</tr>
</tbody>
</table>

1. For 1200, Airflow @ 2" external static pressure.
2. For WX-3000, WX-5000, WX-6500, Airflow @ 2.5" external static pressure.

### Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Inlet Collar Diameter (in.)</th>
<th>Footprint (in.)</th>
<th>Net Weight (lbs.)</th>
<th>Water</th>
<th>Shipping Dimensions (in.) (Per Palette)</th>
<th>Gross Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WX-1200</td>
<td>6</td>
<td>34</td>
<td>86</td>
<td>32</td>
<td>1/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
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<tr>
<td>WX-3000</td>
<td>10</td>
<td>47</td>
<td>109</td>
<td>44</td>
<td>1/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
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<tr>
<td>WX-5000</td>
<td>16</td>
<td>61</td>
<td>117</td>
<td>57</td>
<td>1/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>WX-6500</td>
<td>16</td>
<td>67</td>
<td>129</td>
<td>67</td>
<td>1/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
</tbody>
</table>

1. Water Level is marked on each unit.