**DE 150-480V-E specs**

Dimensions: 5.2’W x 7.3’L x 6.8’H  
Weight: 3,300 LBS  
- 17,000 + CFM generated by fan  
- In-line filter included (80 mesh, 177 micron)  
- 15 HP, 480 VAC, 3-phase fan motor  
- 11 HP, 480 VAC, 3-phase for booster pump  
- 7,400 feet per minute fan outlet air velocity

**DE 150-480V-E specs**

Dimensions: 5.2’W x 7.3’L x 6.8’H  
Weight: 3,300 LBS  
- 17,000 + CFM generated by fan  
- In-line filter included (80 mesh, 177 micron)  
- 15 HP, 480 VAC, 3-phase fan motor  
- 11 HP, 480 VAC, 3-phase for booster pump  
- 7,400 feet per minute fan outlet air velocity

**GENERAL SPECIFICATIONS**
- Oscillator gives 30-330° of movement  
- Electronically controlled aiming for oscillation function  
- Powered adjustable angle of throw  
  -10 to +45° of height adjustment  
- 330° of powered position adjustment  
- Central lubrication where practical using Beka-Max components  
- 1,000’ line of sight radio remote control  
- Single control point for “at machine’ operation

**NOISE LEVEL**
- 0 ft = 104 dBA  
- 12 ft = 93 dBA

**PRIMARY (30) NOZZLE RING**

<table>
<thead>
<tr>
<th>WATER PRESSURE (PSI)</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>100</th>
<th>120</th>
<th>140</th>
<th>150</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER FLOW (GPM)</td>
<td>10.0</td>
<td>12.3</td>
<td>14.1</td>
<td>16.0</td>
<td>17.5</td>
<td>18.7</td>
<td>19.2</td>
</tr>
</tbody>
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**SECONDARY (6) NOZZLE RING**

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<tr>
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<th>100</th>
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</tr>
</thead>
<tbody>
<tr>
<td>STANDARD WATER FLOW (GPM)</td>
<td>22</td>
<td>25</td>
<td>29</td>
<td>32</td>
<td>34</td>
<td>37</td>
<td>38</td>
</tr>
</tbody>
</table>

**WATER COVERAGE AND THROW**

- COVERAGE: 65,000 sq ft  
- THROW: 150 ft+  

*Water mist throw distance based on 1,000 ft elevation testing
THE DUST DEMOLISHER

WATER SPECIFICATIONS
- 30 brass nozzles on primary water ring
- 6 brass nozzles on secondary soaking ring
- Separate ball valve control for each water ring
- Quick disconnect (cam lock) water inlet fitting 2” diameter
- Water boosted by 150 PSI after going through booster pump

POWER SPECIFICATIONS
- 1/4 HP, 480 VAC oscillator motor
- 1.0 RPM rotation speed for oscillation
- Rotation supported by gear driven slewing ring
- 1/2 HP, intermittent duty 120 VAC throw adjustment motor

DE 200-480V-E specs
- Dimensions: 5.2’W x 7.3’L x 6.8’H 7.1’H
- Weight: 3,400 LBS
- 18,000+ CFM generated by fan
- In-line filter included. (80 mesh, 177 micron)
- 20 HP, 480 VAC, 3-phase fan motor
- 13 HP, 480 VAC, 3-phase booster pump
- 8,100 feet per minute fan outlet air velocity

PRIMARY (30) NOZZLE RING

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SECONDARY (6) NOZZLE RING

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<tbody>
<tr>
<td>STANDARD WATER FLOW (GPM)</td>
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<td>32</td>
<td>36</td>
<td>40</td>
<td>43</td>
<td>46</td>
<td>48</td>
</tr>
</tbody>
</table>

WATER COVERAGE AND THROW
- COVERAGE: 115,700 sq ft
- THROW: 200 ft+
*Water mist throw distance based on 1,000 ft elevation testing