PVM 300-750 Specifications and Dimensions

STANDARD FEATURES

Change can design for use with multiple mix vessels.
Mix vessel locating and locking device.
Vertical lift design with controls for lowering agitators to the operating position.
Wetted parts are stainless steel type 304, polished to an 80 grit finish.
Stainless steel type 304 mix vessel cover.
Non-stainless steel components are finished with a durable two-component paint.
Up to three independently driven agitators including an Anchor, High Speed Disperser, and High Shear Rotor/Stator Mixer.
Drive motors are TEFC induction motors.
Safety limit switch to prevent operation of the agitator drives when the mix vessel is removed or when agitators are raised from the mixing position.

OPTIONAL FEATURES

Wetted parts of stainless steel type 316, Hastelloy or other special alloys.
Mixer sheathing available in carbon steel or polished stainless steel.
Vacuum and/or internal pressure designs.
Sanitary designs with special seals, polish, and sanitary connections.
Sight ports, inlet and outlet nozzles and flush tank discharge valves are available.
Temperature probes, pressure transducers, and other batch sensors can be included.
Agitator drive motors, safety limit switches, controls, and mixer pre-wiring available in explosion proof configurations.
Mix vessels can be jacketed for heating/cooling and internally machined for use with a Ross Discharge System.
Mix vessels are available on casters and special raised bases.
Control systems are available including variable speed systems and PLC based controllers.
Complete systems can include controls, vacuum pump, heater/chiller and other auxiliary equipment.
Custom agitators and other special features can be incorporated into the design.

<table>
<thead>
<tr>
<th>Model</th>
<th>Mixing Capacity</th>
<th>Full Capacity</th>
<th>Anchor HP</th>
<th>Anchor Speed</th>
<th>Dispenser HP</th>
<th>Dispenser Speed</th>
<th>Rtr/Str HP</th>
<th>Rtr/Str Speed</th>
<th>Wt.</th>
<th>Vessel OAH</th>
<th>Vessel Dia</th>
<th>Vessel Inside Height</th>
<th>Mixer Lowered OAH</th>
<th>Mixer Raised OAH</th>
<th>Mixer OAW</th>
<th>Mixer OAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVM-300</td>
<td>150-300 Gal</td>
<td>398 gal</td>
<td>30</td>
<td>9-36</td>
<td>60</td>
<td>272-1090</td>
<td>60</td>
<td>450-1800</td>
<td>9500</td>
<td>54</td>
<td>55 1/2</td>
<td>38</td>
<td>134</td>
<td>174</td>
<td>55</td>
<td>128</td>
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<tr>
<td>PVM-500</td>
<td>237-500 Gal</td>
<td>617 Gal</td>
<td>40</td>
<td>8-34</td>
<td>75</td>
<td>272-1090</td>
<td>75</td>
<td>300-1200</td>
<td>11,500</td>
<td>73</td>
<td>58</td>
<td>54</td>
<td>141</td>
<td>197</td>
<td>65</td>
<td>132</td>
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<tr>
<td>PVM-750</td>
<td>430-750 Gal</td>
<td>888 Gal</td>
<td>40</td>
<td>8-34</td>
<td>75</td>
<td>272-1090</td>
<td>75</td>
<td>300-1200</td>
<td>15,500</td>
<td>82</td>
<td>66</td>
<td>60</td>
<td>166</td>
<td>232</td>
<td>74</td>
<td>142</td>
</tr>
</tbody>
</table>

All dimensions are in inches.

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