AD550
Aquatec Range
Multi-chamber Diaphragm Pump

Principal Applications
Designed for transfer, demand/delivery, filtration, high flow booster, carbonation, beverage dispense & continuous reverse osmosis application

Features
New multi-chamber technology with patented valve design
overcomes vibration and hydraulic pulsation
Self-priming
Whisper Quiet
Energy efficient
AC and DC motor options
Alternative bypass pressures
Optional mounting orientation
Dry running without damage
Compatible with standard fittings
Corrosion and chemically resistant versions

AD550 Voltage Options
230V 1Ph 50/60Hz
110V 1Ph 50/60Hz
**Specification**

<table>
<thead>
<tr>
<th>Model</th>
<th>Overall height (mm)</th>
<th>Overall length (mm)</th>
<th>Overall width (mm)</th>
<th>Weight (kg)</th>
<th>Max body pressure (bar)</th>
<th>Max capacity (l/min)</th>
<th>Max head (m)</th>
<th>Temp range (degC)</th>
<th>*Max specific gravity</th>
<th>Motor output (watts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD550</td>
<td>148</td>
<td>249</td>
<td>125</td>
<td>3.2</td>
<td>15</td>
<td>10</td>
<td>28</td>
<td>0-60</td>
<td>1.2</td>
<td>33</td>
</tr>
</tbody>
</table>

*Assuming maximum viscosity of 30cp. Refer to Totton Pumps for higher viscosities and specific gravities

**Performance**

Tested With Clean Water at 20degC

NOTE: These diaphragm pumps are designed for use with clean fluids. Solids will cause reduced performance and damage the pump. Abrasives will reduce pump life & invalidate the warranty. AD pumps are self-priming and can run dry for limited periods. The company reserves the right to change specifications.
# Part List

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Quantity</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Motor</td>
<td>1</td>
<td>116886 (230V)</td>
</tr>
<tr>
<td>2</td>
<td>Rubber Foot</td>
<td>1</td>
<td>022272</td>
</tr>
<tr>
<td>3</td>
<td>Mounting Foot</td>
<td>1</td>
<td>036335</td>
</tr>
<tr>
<td>4</td>
<td>Fan</td>
<td>1</td>
<td>001577</td>
</tr>
<tr>
<td>5</td>
<td>Fan Cowl</td>
<td>1</td>
<td>036003 (2 Series Motor)</td>
</tr>
<tr>
<td>6</td>
<td>Terminal Box</td>
<td>1</td>
<td>016153 (2 Series Motor)</td>
</tr>
<tr>
<td>7</td>
<td>Pump Head</td>
<td>1</td>
<td>022873 (40psi Pressure Switch)</td>
</tr>
</tbody>
</table>

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