AquaPro® Pumps
Titan Series
High Pressure Titanium Pumps

Built to last a lifetime

AquaPro® Pumps “Titan Series” High Pressure Pumps are the product of years of experience in the desalination industry, and have been specifically designed and engineered for corrosive and high-pressure applications.

Dependable and proven technology produces pumps which can be close coupled or belt driven to meet your demands. Every AquaPro® Pump is backed by the worldwide Parker service network.

Contact Information:

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Water Purification
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www.parker.com/waterpurification

Key Feature:

- Fluid End manifold is machined from a solid billet of titanium
- Highly resistant to seawater corrosion
- No manifold castings used, therefore no possibility of voids or casting defects
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Features:

- Titanium fluid end to ensure long service life
- Oversized crankshaft bearings with greater capacity mean longer bearing life
- Cartridge seal design means that no packing gland adjustment is required, reducing maintenance cost
- Corrosion resistant ceramic plungers
- Nylon face valves (and titanium backing rings in larger sizes) for quiet operation and unsurpassed corrosion resistance
- Inlet and discharge valve assemblies interchange for easier maintenance
- Lubricated low pressure seal allows smooth operation of plungers
- Wet-end is easily serviced without entering crankcase, requiring less time and effort
- Valve assemblies are accessible without disturbing piping, for quick service
- Inlet pressure up to 60 psi (4 bar)
- Fluid temperature up to 120° F (49° C)
- Max pressure 1200 psi (85 bar)

<table>
<thead>
<tr>
<th>Model</th>
<th>Version &amp; Part Number</th>
<th>Max Pump Flow GPM</th>
<th>m³/hr</th>
<th>Inlet x Outlet</th>
<th>Shaft Diameter</th>
<th>Weight lbs/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>708-1</td>
<td>.2” Crank 70-6073 .3” Crank 70-6074 .4” Crank 70-6075</td>
<td>0.25/0.057 0.37/0.083 0.48/0.110</td>
<td>.5” NPT x .25” NPT</td>
<td>0.650”</td>
<td>11/5</td>
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<tr>
<td>708-3</td>
<td>2.3 LH Shaft 70-6076 2.3 RH Shaft 70-6126 3.5 LH Shaft 70-6072 3.5 RH Shaft 70-6071</td>
<td>2.3/0.521 2.3/0.521 3.5/0.794 3.5/0.794</td>
<td>.75” NPT x .5” MS</td>
<td>0.650”</td>
<td>19/9</td>
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<tr>
<td>708-5</td>
<td>LH-Shaft 70-6097 RH Shaft 70-6178</td>
<td>8/1.81</td>
<td>.75” NPT x .5” MS</td>
<td>0.938”</td>
<td>28/13</td>
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<tr>
<td>3P20</td>
<td>70-2030</td>
<td>20/4.54</td>
<td>1.5” MS x 1” MS</td>
<td>1.625”</td>
<td>117/53</td>
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<tr>
<td>5P50HD</td>
<td>70-3000</td>
<td>40/9.07</td>
<td>1.5” MS x 1” MS</td>
<td>1.625”</td>
<td>157/71</td>
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<tr>
<td>5P70</td>
<td>70-5019</td>
<td>70/15.9</td>
<td>2” MS x 1.5” MS</td>
<td>1.75”</td>
<td>260/118</td>
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<tr>
<td>5P100</td>
<td>70-4000</td>
<td>100/22.68</td>
<td>2” MS x 2” MS</td>
<td>2.50”</td>
<td>647/294</td>
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Pump Lubricant and Service Kits

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>85-0050</td>
<td>Pump Oil, Quart</td>
<td>70-0623</td>
<td>Manifold Service Kit, 3P20 Pump</td>
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<tr>
<td>70-6181</td>
<td>Routine Service Kit, 708-1 Pump</td>
<td>70-0624</td>
<td>Crankcase Service Kit, 3P20 Pump</td>
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<tr>
<td>70-6182</td>
<td>Routine Service Kit, 708-3, 2.3 GPM Pump</td>
<td>70-3075</td>
<td>Manifold Service Kit, 5P50HD Pump</td>
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<td>70-6183</td>
<td>Routine Service Kit, 708-3, 3.5 GPM Pump</td>
<td>70-3078</td>
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<td>70-6184</td>
<td>Routine Service Kit, 708-5 Pump</td>
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To maintain peak performance always use genuine Parker Water Purification replacement parts. We reserve the right to change our specifications or standards without notice.

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