Specification Data

**Diesel Engine Driven**

**ValuPrime**

**Prime Assisted Centrifugal Pump**

**w/ Autostart**

**Model VPA6A60C-4LE2T FT4**

**Size 6” x 6”**

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### PUMP SPECIFICATIONS

- **Size:** 6” x 6” (152 mm x 152 mm) Flanged.
- **Casing:** Gray Iron 30.
- **Maximum Operating Pressure:** 62 psi (428 kPa).
- **Maximum Temperature of Liquid Pumped:** 160°F (71°C).*
- **Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12. Handles 3" (76,2 mm) Diameter Spherical Solids.
- **Impeller Shaft:** Alloy Steel 4150.
- **Replaceable Wear Plate:** Carbon Steel ASTM A36.
- **Bearing Housing:** Gray Iron 30.
- **Seal Plate:** Gray Iron 30.
- **Seal:** Type 31, Mechanical, Oil-Lubricated. Silicon Carbide Rotating and Stationary Faces. Nitrile Elastomers. Stainless Steel 18-8 Cage and Spring.
- **Shaft Sleeve:** Alloy Steel 4130.
- **Priming Chamber:** Gray Iron 30 Housing w/Stainless Steel Float and Linkage.
- **Discharge Check Valve:** Ductile Iron Housing w/Buna-N Flapper.
- **Bearings:** Permanently Lubricated Single Row Ball.
- **Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.
- **Gaskets:** Red Rubber.
- **O-Rings:** Buna-N.
- **Hardware:** Standard Plated Steel.

*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

### ENGINE SPECIFICATIONS

- **Model:** Isuzu 4LE2T.
- **EPA Tier:** Final Tier 4.
- **Type:** Four Cylinder, Turbocharged Diesel Engine.
- **Displacement:** 134 Cu. In. (2,2 Liters).
- **Lubrication:** Forced Circulation.
- **Governor:** Electronic.
- **Air Cleaner:** Dry Type.
- **Fuel Tank:** 34 U.S. Gals. (128,7 Liters).
- **Full Load Operating Time:** 20.6 Hrs.
- **Starter:** 12V Electric.
- **Standard Features:** Muffler w/Weather Cap. DOC Exhaust After-Treatment System.
- **Optional:** Electronic Fuel Level Sensor.
- **Engine Control Features:** Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shutdowns. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shutdown (For Use With Optional Fuel Level Sensor).

### ISUZU PUBLISHED PERFORMANCE:

<table>
<thead>
<tr>
<th>Total Head P.S.I.</th>
<th>Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>41.2</td>
<td>95 390 390 390 390</td>
</tr>
<tr>
<td>39.0</td>
<td>90 450 570 570 570</td>
</tr>
<tr>
<td>34.7</td>
<td>80 530 700 830 900</td>
</tr>
<tr>
<td>30.3</td>
<td>70 615 805 975 1110</td>
</tr>
<tr>
<td>26.0</td>
<td>60 690 900 1100 1245</td>
</tr>
<tr>
<td>21.7</td>
<td>50 760 1000 1175 1375</td>
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<tr>
<td>17.3</td>
<td>40 830 1080 1250 1485</td>
</tr>
<tr>
<td>13.0</td>
<td>30 870 1130 1320 1595</td>
</tr>
<tr>
<td>8.7</td>
<td>20 910 1185 1390 1650</td>
</tr>
</tbody>
</table>

**Suction Lift**

- 20’
- 15’
- 10’
- 5’

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