**Features**

- Water Pressure Boosting System for residential or light commercial use
- Easy Set-up and Installation
- Digital Control with three modes of operation
- Durable Stainless Steel and No-Lead Brass Connections
- Two Gallon Pressure Tank
- TEFC Single Phase Motor for quiet operation
- Electronics separated and sealed from waterway
- Pressure Gauge Included
- No-Lead Brass Check Valve Included
- Dry-Run Protection

**Materials of Construction**

- Impellers: 304 Stainless Steel
- Pump Casing Inlet: 301 Stainless Steel
- Pump Casing Outlet: 301 Stainless Steel
- Pump Seal (stationary): Silicon Carbide
- Pump Seal (rotating): Carbon
- Diffuser: 304 Stainless Steel
- Suction Check Valve: No-Lead Brass
- Pump Controller: No-Lead Brass

**Specifications**

<table>
<thead>
<tr>
<th>DuraMAC™ Model</th>
<th>Pump Boost</th>
<th>Amps</th>
<th>Voltage</th>
<th>Power</th>
<th>*Maximum incoming pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>17035R020PC1</td>
<td>35 psi</td>
<td>5.5</td>
<td>120 - 60 Hz</td>
<td>½ HP</td>
<td>45 psi</td>
</tr>
<tr>
<td>17052R020PC1</td>
<td>52 psi</td>
<td>7.0</td>
<td>120 - 60 Hz</td>
<td>¾ HP</td>
<td>28 psi</td>
</tr>
<tr>
<td>17070R020PC2</td>
<td>70 psi</td>
<td>4.0</td>
<td>230 - 60 Hz</td>
<td>1 HP</td>
<td>10 psi (for use with holding tank)</td>
</tr>
</tbody>
</table>
**Sizing Information**

**DuraMAC™ Booster Systems** are designed to shut off when no flow is detected. Pump total pressure boost should be added to current household system pressure to determine total system pressure when boosted. Note: It is not recommended to exceed 80 PSI total boosted household pressure.

**Example:**

Household system pressure before boost = 30 PSI

\[
30 + 35 = 65
\]

**(Not Recommended to Exceed 80 PSI)**

**Models Available:**

- **Boost 17035R020PC1** +35
- **17052R020PC1** +52
- **17070R020PC2** +70

Based on this example, the recommended model for this application is the 17035R020PC1.

For systems with fluctuating pressure, a pressure reducing valve is recommended to assure system pressure stays below 80 PSI.