**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

\[
\begin{array}{ccc}
30 & + & \text{Boost} \\
\text{Household Pressure} & \text{Total Pump Pressure} & \text{Total Pressure After Boost}
\end{array}
\]

**Models Available:**
- 17035R020PC1 +35
- 17052R020PC1 +52
- 17070R020PC2 +70

\[
\begin{array}{ccc}
30 & + & 35 \\
\text{Household Pressure} & \text{Total Pump Pressure} & \text{Total Pressure After Boost}
\end{array}
\]

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.