Centrifugal pumps may require a priming chamber as an auxiliary means of lifting liquid from below the pump centerline to the pump inlet or from the liquid surface over a tank wall. The answer to this requirement is this line of easy to use and install priming chambers. Once the priming chamber is filled, the pump can be started and re-started without subsequent re-priming.

Each time the pump is turned off, the priming chamber retains a volume of liquid. When the pump is re-started, it pumps the entrapped liquid out of the priming chamber, creating a vacuum in its place. Atmospheric pressure then forces liquid from the tank or sump up the suction hose or pipe to the pump, completing the prime.

### Specifications Subject to Change Without Notice

- One convenient start-up and re-start
- Unique design for mounting to all horizontal pumps
- Less chance of cavitation
- Four sizes available to handle lifts to 6 ft. (1.8m)

### To Order, use Price Code Number

Order BSP connections, pipe, fittings and suction strainers separately.

### Models and Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MATERIAL</th>
<th>FLOW</th>
<th>VOLUME</th>
<th>SUCTION LIFT</th>
<th>CONNECTIONS</th>
<th>DIMENSIONS</th>
<th>PRICE CODE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC 1 x 1*</td>
<td>Polyethylene w/ Viton® gasket</td>
<td>40 (151)</td>
<td>215 (3523)</td>
<td>6 (1.8)</td>
<td>1&quot; MNPT x 1&quot; MNPT w/2&quot; threaded cap</td>
<td>6 X 6 X 9 H (152x152x228)</td>
<td>99-0336</td>
</tr>
<tr>
<td>PC 1½ x 1½ *</td>
<td>CPVC, Noryl® &amp; PP† w/EPDM gasket</td>
<td>80 (302)</td>
<td>190 (3114)</td>
<td>4 (1.2)</td>
<td>1½&quot; x 1½&quot; FNPT w/5&quot; threaded cap</td>
<td>9 X 9 X 12 H (228x228x304)</td>
<td>99-1159 1</td>
</tr>
<tr>
<td>PC 1½ x 1½ RCV *</td>
<td>Ryton®, CPVC &amp; PP† w/Viton gasket</td>
<td>100 (379)</td>
<td>2 (.6)</td>
<td>2&quot;MNPT x 2&quot; FNPT w/5&quot; threaded cap</td>
<td>99-1159 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PC 2 x 2 *</td>
<td>CPVC, Noryl &amp; PP† w/EPDM gasket</td>
<td>180 (681)</td>
<td>3456 (.05 m³)</td>
<td>3 (.91)</td>
<td>3&quot; FNPT x 2&quot; MNPT w/1½&quot; NPT plug</td>
<td>14 Dia. X 36 H (355 D. x 914 H)</td>
<td>99-0308</td>
</tr>
</tbody>
</table>

1 To order Viton gasket, add suffix V to Model and Price Code Number.
2 Based on water (1.0 SG) at 68° F (20° C). Suction lift is approximate and determined by air volume in suction piping.

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Registered trademarks:
- Viton®-DuPont Dow Elastomers
- Noryl®-General Electric
- Ryton®-Phillips Chemical

Specifications subject to change without notice.

F.O.B. Northbrook, IL