Cabarrus Health Alliance
Pump Identification
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<td>Pentair IntelliFlo 2 VST</td>
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** This document does not take the place of manufacturer specifications from the manufacturer website. This document is a tool to assist in pump curve and maximum flow identification. **
Hayward EcoStar and EcoStar C

<table>
<thead>
<tr>
<th>Hayward</th>
<th>EcoStar - or - EcoStar C</th>
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<tbody>
<tr>
<td></td>
<td>EcoStar + SVRS - or -</td>
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<td></td>
<td>EcoStar C + SVRS</td>
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<td>EcoStar C</td>
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<tr>
<td>HCP3400VSPVR</td>
<td>EcoStar C SVRS</td>
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ECOSTAR C PERFORMANCE DATA

EcoStar C runs efficiently in all of these ranges.
Hayward HCP 2000 Series

Hayward HCP Series 2000 (TriStar VSC)

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>RATED HP.</th>
<th>VOLTAGE</th>
<th>AMPS</th>
<th>HZ</th>
<th>UNION CONNECTIONS</th>
<th>CARTON WEIGHT (LBS.)</th>
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<tr>
<td>HCP20003</td>
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<td>208-230/460 3-Phase</td>
<td>3.8-5/6/1.8</td>
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<td>HCP20073</td>
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<td>208-230/460 3-Phase</td>
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<tr>
<td>HCP20103</td>
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<td>208-230/460 3-Phase</td>
<td>6.4-8/6/2.9</td>
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<td>208-230/460 3-Phase</td>
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<tr>
<td>HCP20303</td>
<td>3</td>
<td>208-230/460 3-Phase</td>
<td>10.8-11.4/5.7</td>
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PUMP OUTPUT (GPM) VS. TOTAL RESISTANCE TO FLOW PER FT OF HEAD

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<th>40</th>
<th>50</th>
<th>60</th>
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TECHNICAL SPECIFICATIONS

Total Head (Feet of Water)

Flow (GPM)
Hayward HCP 2500 Series

<table>
<thead>
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<th>Hayward</th>
<th>HCP Series 2500 (TriStar VSC)</th>
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**TECHNICAL SPECIFICATIONS**

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<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>SPEED RANGE</th>
<th>VOLTAGE</th>
<th>CARTON QUANTITY</th>
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<tr>
<td>HCP2100VSP</td>
<td>TriStar VSC</td>
<td>600-3450 RPM</td>
<td>230V Single Phase</td>
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<td>HCP2600VSPR</td>
<td>TriStar VSC SR</td>
<td>1000-3450 RPM</td>
<td>200V Single Phase</td>
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**PERFORMANCE DATA**

TriStar VSC runs efficiently in all of these ranges.
# Hayward HCP 3000 Series

<table>
<thead>
<tr>
<th>Part Number</th>
<th>HP</th>
<th>PUMP OUTPUT (GPM) VS. TOTAL RESISTANCE TO FLOW (PER FT OF HEAD)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>40</td>
</tr>
<tr>
<td>HCP30201 / HCP30203</td>
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<td>165</td>
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<tr>
<td>HCP30301 / HCP30303</td>
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<td>200</td>
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<tr>
<td>HCP30501 / HCP30503</td>
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<td>230</td>
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<tr>
<td>HCP30703</td>
<td>7.0</td>
<td>335</td>
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Hayward HCP 4000 Series

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<th>Hayward</th>
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<th>Pump Model</th>
<th>HP</th>
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<tr>
<td>HCP40553 (HCP55)</td>
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<td>HCP40753 (HCP75)</td>
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<td>HCP401003 (HCP100)</td>
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<td>HCP401253 (HCP125)</td>
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HCP SERIES PERFORMANCE DATA

All motors: Certified to UL 1004, IP 55 protection, insulation class F. 60 hz., 3.550 RPM
Hayward Max-Flo

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>TOTAL H.P.</th>
<th>RATED H.P.</th>
<th>SERVICE FACTOR</th>
<th>VOLTAGE</th>
<th>PIPE SIZE</th>
<th>DIM &quot;A&quot;</th>
<th>QTY</th>
<th>WEIGHT</th>
</tr>
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<tbody>
<tr>
<td>SP2805X7</td>
<td>0.75</td>
<td>¾</td>
<td>1.0</td>
<td>115/230</td>
<td>1-½&quot;</td>
<td>14&quot;</td>
<td>1</td>
<td>38 lbs.</td>
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<tr>
<td>SP2807X10</td>
<td>1.1</td>
<td>1</td>
<td>1.0</td>
<td>115/230</td>
<td>1-½&quot;</td>
<td>14-½&quot;</td>
<td>1</td>
<td>33 lbs.</td>
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<tr>
<td>SP2810X15</td>
<td>1.5</td>
<td>1-½&quot;</td>
<td>1.0</td>
<td>115/230</td>
<td>1-½&quot;</td>
<td>15-½&quot;</td>
<td>1</td>
<td>38 lbs.</td>
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<td>SP2813X20</td>
<td>2.0</td>
<td>2</td>
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<td>115/230</td>
<td>1-½&quot;</td>
<td>16&quot;</td>
<td>1</td>
<td>44 lbs.</td>
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Standard Efficiency Max Rated Single-Speed

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<th>VOLTAGE</th>
<th>PIPE SIZE</th>
<th>DIM &quot;A&quot;</th>
<th>QTY</th>
<th>WEIGHT</th>
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<tr>
<td>SP2810X152</td>
<td>1.5</td>
<td>1-½&quot;</td>
<td>1.0</td>
<td>230</td>
<td>1-½&quot;</td>
<td>13-½&quot;</td>
<td>1</td>
<td>41 lbs.</td>
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</table>

MaxFlo Performance Data

- Total head ft of water
- Flow GPM

Graph showing performance data with various model numbers and flow rates.
# Hayward MaxFlo II

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>TOTAL H.P.</th>
<th>MAX-RATED H.P.</th>
<th>SERVICE FACTOR</th>
<th>VOLTAGE</th>
<th>PIPE SIZE</th>
<th>DIMENSION A&quot;</th>
<th>QTY</th>
<th>CTN.</th>
<th>WEIGHT</th>
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<td>SP2705X7EE</td>
<td>0.95</td>
<td>3/4</td>
<td>1.27</td>
<td>115/208-230</td>
<td>2&quot;</td>
<td>13-3/4&quot;</td>
<td>1</td>
<td>34 lbs</td>
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</tr>
<tr>
<td>SP2705X7</td>
<td>0.95</td>
<td>3/4</td>
<td>1.27</td>
<td>115/208-230</td>
<td>2&quot;</td>
<td>13-3/4&quot;</td>
<td>1</td>
<td>34 lbs</td>
<td></td>
</tr>
<tr>
<td>SP2707X10</td>
<td>1.25</td>
<td>1</td>
<td>1.25</td>
<td>115/208-230</td>
<td>2&quot;</td>
<td>14-1/4&quot;</td>
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<td>37 lbs</td>
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<td>115/208-230</td>
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<td>15-1/2&quot;</td>
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<td>115/208-230</td>
<td>2&quot;</td>
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<td>1.25</td>
<td>230</td>
<td>2&quot;</td>
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<td>1</td>
<td>41 lbs</td>
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</tr>
<tr>
<td>SP2710X152</td>
<td>1.65</td>
<td>1-1/2</td>
<td>1.1</td>
<td>230</td>
<td>2&quot;</td>
<td>15-1/2&quot;</td>
<td>1</td>
<td>43 lbs</td>
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<td>2.10</td>
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<td>230</td>
<td>2&quot;</td>
<td>16&quot;</td>
<td>1</td>
<td>46 lbs</td>
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**Performance Curves – Max-Flo II (improved) Pump**
## Hayward MaxFlo XL

### Hayward Max-Flo

![Hayward MaxFlo XL Pump Image](image)

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>TOTAL H.P.</th>
<th>RATED H.P.</th>
<th>SERVICE FACTOR</th>
<th>VOLTAGE</th>
<th>UNION CONNECTIONS</th>
<th>DIM. &quot;A&quot;</th>
<th>CTN. QTY.</th>
<th>CTL. WEIGHT</th>
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<td><strong>Energy Efficient Max Rated Single-Speed</strong></td>
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<tr>
<td>SP210SX7EEESP*</td>
<td>0.95</td>
<td>1%</td>
<td>1.2T</td>
<td>115/208-230</td>
<td>1&quot;x 2&quot;</td>
<td>13 ¾&quot;</td>
<td>1</td>
<td>34 lbs.</td>
</tr>
<tr>
<td>SP230SX7EE</td>
<td>0.95</td>
<td>1%</td>
<td>1.2T</td>
<td>115/208-230</td>
<td>1&quot;x 2&quot;</td>
<td>13 ¾&quot;</td>
<td>1</td>
<td>34 lbs.</td>
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<td>1</td>
<td>1.2T</td>
<td>115/208-230</td>
<td>1&quot;x 2&quot;</td>
<td>13 ¾&quot;</td>
<td>1</td>
<td>37 lbs.</td>
</tr>
<tr>
<td>SP2310X15</td>
<td>1.65</td>
<td>1 ⅛</td>
<td>1.1</td>
<td>115/208-230</td>
<td>1&quot;x 2&quot;</td>
<td>15 ⅞&quot;</td>
<td>1</td>
<td>42 lbs.</td>
</tr>
<tr>
<td>SP2315X20</td>
<td>2.10</td>
<td>2</td>
<td>1.0t</td>
<td>115/208-230</td>
<td>1&quot;x 2&quot;</td>
<td>15 ⅞&quot;</td>
<td>1</td>
<td>45 lbs.</td>
</tr>
<tr>
<td><strong>Energy Efficient Max Rated Dual-Speed</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SP230X102*</td>
<td>1.25</td>
<td>1</td>
<td>1.2T</td>
<td>230</td>
<td>1&quot;x 2&quot;</td>
<td>15&quot;</td>
<td>1</td>
<td>41 lbs.</td>
</tr>
<tr>
<td>SP2310X152*</td>
<td>1.65</td>
<td>1 ¼</td>
<td>1.1</td>
<td>230</td>
<td>1&quot;x 2&quot;</td>
<td>15¾&quot;</td>
<td>1</td>
<td>43 lbs.</td>
</tr>
<tr>
<td>SP2315X202*</td>
<td>2.10</td>
<td>2</td>
<td>1.0t</td>
<td>230</td>
<td>1&quot;x 2&quot;</td>
<td>16&quot;</td>
<td>1</td>
<td>46 lbs.</td>
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</table>

### MAXFLO XL MEDIUM HEAD PUMPS

![MaxFlo XL Medium Head Pumps Graph](image)
Hayward MaxFlo VS

<table>
<thead>
<tr>
<th>Hayward</th>
<th>Max-Flo VS</th>
</tr>
</thead>
</table>

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>STAND ALONE</th>
<th>RELAY CONTROL</th>
<th>HAYWARD® AUTOMATION</th>
<th>TOTAL HP</th>
<th>VOLTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP2303V5P</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>1.65</td>
<td>230V Single Phase</td>
</tr>
<tr>
<td>SP23115V5P*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>0.85</td>
<td>115V Single Phase</td>
</tr>
</tbody>
</table>

MaxFlo VS Performance Comparison

- 230V
- 3450 RPM
- 3000 RPM
- 2400 RPM
- 1725 RPM
- 1000 RPM
**Hayward MaxFlo VS 500**

<table>
<thead>
<tr>
<th>Hayward</th>
<th>Max-Flo VS 500</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Hayward MaxFlo VS 500" /></td>
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### SPECIFICATIONS

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<thead>
<tr>
<th>MODEL NUMBER</th>
<th>STAND ALONE</th>
<th>RELAY CONTROL</th>
<th>HAYWARD Automation</th>
<th>TOTAL HP</th>
<th>VOLTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP23520VSP</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>1.65</td>
<td>230V Single Phase</td>
</tr>
<tr>
<td>SP23510VSP*</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>0.85</td>
<td>115V Single Phase</td>
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</tbody>
</table>

### MAXFLO VS 500 PERFORMANCE COMPARISON

![MAXFLO VS 500 PERFORMANCE COMPARISON Graph](image)
### Hayward Northstar

**SP4025X30NS** – 3 hp  
**SP4030NS** – 3 hp

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP4005NS</td>
<td>½</td>
</tr>
<tr>
<td>SP4007NS</td>
<td>¾</td>
</tr>
<tr>
<td>SP4007x10NS</td>
<td>1</td>
</tr>
<tr>
<td>SP4010NS</td>
<td>1</td>
</tr>
<tr>
<td>SP4010x15NS</td>
<td>1 ½</td>
</tr>
<tr>
<td>SP4015NS</td>
<td>1 ½</td>
</tr>
<tr>
<td>SP4015x20NS</td>
<td>2</td>
</tr>
<tr>
<td>SP4020NS</td>
<td>2</td>
</tr>
<tr>
<td>SP4020x25NS</td>
<td>2 ½</td>
</tr>
<tr>
<td>SP4025x30NS</td>
<td>3</td>
</tr>
<tr>
<td>SP4030NS</td>
<td>3</td>
</tr>
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</table>

![Graph](chart.png)

**TOTAL HEAD**

**CAPACITY PER MINUTE**
# Hayward RS Series

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Pump Output (GPM) vs. Total Resistance to Flow (Feet of Head)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5 ft (low sp)</td>
</tr>
<tr>
<td>RS750</td>
<td>-</td>
</tr>
<tr>
<td>RS1000 / RS1502</td>
<td>47</td>
</tr>
<tr>
<td>RS1500 / RS2002</td>
<td>65</td>
</tr>
<tr>
<td>RS2000 / RS2502</td>
<td>71</td>
</tr>
<tr>
<td>RS2500</td>
<td>-</td>
</tr>
<tr>
<td>RS3000</td>
<td>-</td>
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</tbody>
</table>
Hayward Super Pump

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>HORSEPOWER</th>
<th>TOTAL HP</th>
<th>SERVICE FACTOR</th>
<th>PIPE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&quot;A&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard Efficient Max-Rated Single Speed</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard Efficient Max-Rated Dual Speed</td>
</tr>
<tr>
<td>SP2607X102S</td>
<td>1.00</td>
<td>1</td>
<td>1.00</td>
<td>2 in</td>
</tr>
<tr>
<td>SP2610X152S</td>
<td>1.50</td>
<td>1½</td>
<td>1.00</td>
<td>2 in</td>
</tr>
<tr>
<td>SP2615X202S</td>
<td>2.00</td>
<td>2</td>
<td>1.00</td>
<td>2 in</td>
</tr>
</tbody>
</table>

SUPER PUMP FLOW VS. TOTAL HEAD

- Low Speeds
  - SP2615X20
  - SP2615X202S
  - SP262X25
  - SP2610X152S
  - SP2610X15
  - SP2607X10
  - SP2605X7
  - SP2600X5

Flow [GPM]

Total Head [ft Water]
## Hayward Super Pump 700

<table>
<thead>
<tr>
<th>Hayward</th>
<th>Super Pump 700</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
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</table>

### Specifications

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>HORSEPOWER</th>
<th>TOTAL HP</th>
<th>RATED HP</th>
<th>SERVICE FACTOR</th>
<th>PORT SIZE</th>
<th>DIMENSION “A”</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP2670007X10</td>
<td>1.10</td>
<td>1.10</td>
<td>1.10</td>
<td>1½ in</td>
<td>14½ in</td>
<td>2 years</td>
<td></td>
</tr>
<tr>
<td>SP2670010X15</td>
<td>1.50</td>
<td>1.00</td>
<td>1.00</td>
<td>1½ in</td>
<td>15½ in</td>
<td>2 years</td>
<td></td>
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</table>

### Super Pump 700 Flow vs. Total Head

![Graph](graph.png)
Hayward Super Pump II – Full Rated

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Total HP</th>
<th>Full Rate HP</th>
<th>Service Factor</th>
<th>Voltage</th>
<th>Pipe Size</th>
<th>DIM &quot;A&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP3007EECA</td>
<td>1.13</td>
<td>1/4</td>
<td>1.50</td>
<td>115/230</td>
<td>2&quot;</td>
<td>15 3/4&quot;</td>
</tr>
<tr>
<td>SP3010EEAZ</td>
<td>1.50</td>
<td>1</td>
<td>1.50</td>
<td>115/230</td>
<td>2&quot;</td>
<td>15 3/4&quot;</td>
</tr>
<tr>
<td>SP3015EEAZ</td>
<td>2.00</td>
<td>1 1/2</td>
<td>1.33</td>
<td>115/230</td>
<td>2&quot;</td>
<td>16 1/4&quot;</td>
</tr>
<tr>
<td>SP3020EEAZ</td>
<td>2.50</td>
<td>2</td>
<td>1.25</td>
<td>230</td>
<td>2&quot;</td>
<td>16 1/4&quot;</td>
</tr>
<tr>
<td>SP3025EEAZ</td>
<td>3.45</td>
<td>3</td>
<td>1.15</td>
<td>230</td>
<td>2&quot;</td>
<td>17 3/4&quot;</td>
</tr>
<tr>
<td>SP303063AZ</td>
<td>3.45</td>
<td>3</td>
<td>1.15</td>
<td>230/460</td>
<td>2&quot;</td>
<td>14 3/4&quot;</td>
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Total Head vs. Capacity Per Minute
## Hayward Super Pump II – Max Rated

<table>
<thead>
<tr>
<th>Model</th>
<th>Total HP</th>
<th>Rated HP</th>
<th>Service Factor</th>
<th>KW</th>
<th>Voltage</th>
<th>Port Size</th>
<th>Dimension “A”</th>
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<tbody>
<tr>
<td>SP300X7AZ</td>
<td>0.75</td>
<td>1</td>
<td>1.00</td>
<td>0.56</td>
<td>115/220</td>
<td>1½</td>
<td>14 ½</td>
</tr>
<tr>
<td>SP300X10AZ</td>
<td>1.10</td>
<td>1</td>
<td>1.10</td>
<td>0.82</td>
<td>115/220</td>
<td>1½</td>
<td>14 ½</td>
</tr>
<tr>
<td>SP300X10AZZ</td>
<td>1.10</td>
<td>1</td>
<td>1.10</td>
<td>0.82</td>
<td>115/220</td>
<td>2</td>
<td>14 ½</td>
</tr>
<tr>
<td>SP301DX15AZ</td>
<td>1.50</td>
<td>1½</td>
<td>1.00</td>
<td>1.12</td>
<td>115/220</td>
<td>2</td>
<td>15 ¾</td>
</tr>
<tr>
<td>SP301DX20AZ</td>
<td>2.00</td>
<td>2</td>
<td>1.00</td>
<td>1.49</td>
<td>115/220</td>
<td>2</td>
<td>16 ¾</td>
</tr>
<tr>
<td>SP302DX25AZ</td>
<td>2.50</td>
<td>2½</td>
<td>1.00</td>
<td>1.87</td>
<td>230</td>
<td>2</td>
<td>17 ½</td>
</tr>
<tr>
<td>SP302SX30AZ</td>
<td>3.45</td>
<td>3</td>
<td>1.15</td>
<td>2.57</td>
<td>230</td>
<td>2</td>
<td>17 ½</td>
</tr>
<tr>
<td><strong>MAX RATED DUAL-SPEED</strong></td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>SP301DX152AZ</td>
<td>1.50</td>
<td>1½</td>
<td>1.00</td>
<td>1.12</td>
<td>230</td>
<td>2</td>
<td>14</td>
</tr>
<tr>
<td>SP301SX202AZ</td>
<td>2.00</td>
<td>2</td>
<td>1.00</td>
<td>1.49</td>
<td>230</td>
<td>2</td>
<td>14 ½</td>
</tr>
<tr>
<td>SP302SX252AZ</td>
<td>2.50</td>
<td>2½</td>
<td>1.00</td>
<td>1.87</td>
<td>230</td>
<td>2</td>
<td>17 ½</td>
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</table>

### SUPER II FLOW VS. TOTAL HEAD PERFORMANCE DATA

![Flow vs. Total Head Performance Data](image-url)
Hayward Super Pump VS

<table>
<thead>
<tr>
<th>Hayward Super Pump VS</th>
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</table>

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP2603VSP</td>
<td>1.65 (230V Single Phase)</td>
</tr>
<tr>
<td>SP26115VSP</td>
<td>0.85 (115V Single Phase)</td>
</tr>
</tbody>
</table>

Super Pump VS Performance Comparison

Flow (GPM) vs TDH (fl. Water) for different RPMs (230V and 115V)
Hayward Super Pump VS 700

<table>
<thead>
<tr>
<th>Hayward</th>
<th>Super Pump VS 700</th>
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</table>

**SPECIFICATIONS**

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<tr>
<th>MODEL NUMBER</th>
<th>STAND ALONE</th>
<th>RELAY CONTROL</th>
<th>HAYWARD® AUTOMATION</th>
<th>TOTAL HP</th>
<th>VOLTAGE</th>
<th>WARRANTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP2670120VSP</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>1.65</td>
<td>230V Single Phase</td>
<td>3 years</td>
</tr>
<tr>
<td>SP2670110VSP</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.85</td>
<td>115V Single Phase</td>
<td>3 years</td>
</tr>
</tbody>
</table>

**SUPER PUMP VS 700 PERFORMANCE COMPARISON**

![Graph showing performance comparison of Hayward Super Pump VS 700](chart.png)

- 230V
- 115V
- 3450 RPM
- 3000 RPM
- 2400 RPM
- 1725 RPM
- 1000 RPM
Hayward Tristar Full Rate

<table>
<thead>
<tr>
<th>Hayward</th>
<th>Tristar Full Rate</th>
</tr>
</thead>
</table>

![Image of Hayward Tristar Full Rate pump]

<table>
<thead>
<tr>
<th>SINGLE SPEED MODELS</th>
<th>TOTAL HP</th>
<th>FULL RATE HP</th>
<th>SERVICE FACTOR</th>
<th>VOLTS</th>
<th>PORT SIZE</th>
<th>DIMENSION &quot;A&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP3205EE</td>
<td>0.99</td>
<td>½</td>
<td>1.98</td>
<td>115/208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>13½&quot;</td>
</tr>
<tr>
<td>SP3207EE</td>
<td>1.39</td>
<td>¾</td>
<td>1.85</td>
<td>115/208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>13½&quot;</td>
</tr>
<tr>
<td>SP3210EE</td>
<td>1.85</td>
<td>1</td>
<td>1.85</td>
<td>115/208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>14½&quot;</td>
</tr>
<tr>
<td>SP3215EE</td>
<td>2.40</td>
<td>1½</td>
<td>1.60</td>
<td>115/208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>14½&quot;</td>
</tr>
<tr>
<td>SP3220EE</td>
<td>2.70</td>
<td>2</td>
<td>1.35</td>
<td>208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>14½&quot;</td>
</tr>
<tr>
<td>SP3230EE</td>
<td>3.60</td>
<td>3</td>
<td>1.20</td>
<td>208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>17½&quot;</td>
</tr>
<tr>
<td>SP3250EE</td>
<td>5.0</td>
<td>5</td>
<td>1.00</td>
<td>208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>17½&quot;</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>2–SPEED MODELS</th>
<th>TOTAL HP</th>
<th>FULL RATE HP</th>
<th>SERVICE FACTOR</th>
<th>VOLTS</th>
<th>PORT SIZE</th>
<th>DIMENSION &quot;A&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP32102EE</td>
<td>1.85</td>
<td>1</td>
<td>1.85</td>
<td>208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>14½&quot;</td>
</tr>
<tr>
<td>SP32152EE</td>
<td>2.40</td>
<td>1½</td>
<td>1.60</td>
<td>208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>14½&quot;</td>
</tr>
<tr>
<td>SP32202EE</td>
<td>2.70</td>
<td>2</td>
<td>1.35</td>
<td>208-230</td>
<td>2&quot; / 2½&quot;</td>
<td>14½&quot;</td>
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</table>

![Graph showing total head vs. flow for various Hayward Tristar Full Rate models]
### Hayward Tristar Max Rate

<table>
<thead>
<tr>
<th>MAX RATE MODELS</th>
<th>TOTAL HP</th>
<th>MAX RATE HP</th>
<th>SERVICE FACTOR</th>
<th>VOLTAGE</th>
<th>PIPE SIZE</th>
<th>DIMENSION &quot;A&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP205X7</td>
<td>0.94</td>
<td>0.75</td>
<td>1.25</td>
<td>115/230</td>
<td>2 x 2⅜&quot;</td>
<td>10&quot; ¾&quot;</td>
</tr>
<tr>
<td>SP207X10</td>
<td>1.25</td>
<td>1</td>
<td>1.25</td>
<td>115/230</td>
<td>2 x 2⅜&quot;</td>
<td>10 ¾&quot;</td>
</tr>
<tr>
<td>SP210X15</td>
<td>1.66</td>
<td>1.5</td>
<td>1.10</td>
<td>115/230</td>
<td>2 x 2⅛&quot;</td>
<td>13 ¾&quot;</td>
</tr>
<tr>
<td>SP215X20</td>
<td>2.20</td>
<td>2</td>
<td>1.10</td>
<td>115/230</td>
<td>2 x 2⅛&quot;</td>
<td>15 ¾&quot;</td>
</tr>
<tr>
<td>SP220X25</td>
<td>2.60</td>
<td>2.5</td>
<td>1.04</td>
<td>230</td>
<td>2 x 2⅛&quot;</td>
<td>14 ½&quot;</td>
</tr>
<tr>
<td>SP322S30</td>
<td>3.45</td>
<td>3</td>
<td>1.15</td>
<td>230</td>
<td>2 x 2⅛&quot;</td>
<td>15 ¾&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DUAL-SPEED MAX RATE MODELS</th>
<th>TOTAL HP</th>
<th>MAX RATE HP</th>
<th>SERVICE FACTOR</th>
<th>VOLTAGE</th>
<th>PIPE SIZE</th>
<th>DIMENSION &quot;A&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP210X152</td>
<td>1.68</td>
<td>1.5</td>
<td>1.73</td>
<td>230</td>
<td>2 x 2⅛&quot;</td>
<td>14 ½&quot;</td>
</tr>
<tr>
<td>SP3215X202</td>
<td>2.40</td>
<td>2</td>
<td>1.20</td>
<td>230</td>
<td>2 x 2⅜&quot;</td>
<td>14 ¾&quot;</td>
</tr>
<tr>
<td>SP3220X252</td>
<td>2.70</td>
<td>2.5</td>
<td>2.08</td>
<td>230</td>
<td>2 x 2⅜&quot;</td>
<td>14 ¾&quot;</td>
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</tbody>
</table>

**TriStar Standard Efficient Flow vs. Total Head**

![TriStar Standard Efficient Flow vs. Total Head](image)
Hayward TriStar VS 900

<table>
<thead>
<tr>
<th>Hayward</th>
<th>Tristar VS 900</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP3202VSP</td>
<td>1.85</td>
</tr>
<tr>
<td>SP3202VSPND</td>
<td>1.85</td>
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</tbody>
</table>

TRISTAR VS PERFORMANCE COMPARISON

[Graph showing performance comparison]
Hayward TriStar VS 950

<table>
<thead>
<tr>
<th>Hayward</th>
<th>Tristar VS 950</th>
</tr>
</thead>
</table>

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>STAND ALONE</th>
<th>RELAY CONTROL</th>
<th>HAYWARD® AUTOMATION</th>
<th>TOTAL HP</th>
<th>VOLT.</th>
<th>SPEED RANGE</th>
<th>UNION CONNECTIONS</th>
<th>WARRANTY</th>
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</thead>
<tbody>
<tr>
<td>5P2950VSP</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>2.70</td>
<td>230V</td>
<td>600-3450 RPM</td>
<td>2” x 2.5”</td>
<td>4 years</td>
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**TRISTAR VS 950 PERFORMANCE COMPARISON**

![TRISTAR VS 950 Performance Graph](image-url)
Jandy ePump

SPECIFICATIONS

Standard ePump part numbers and specs

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Horsepower</th>
<th>Voltage</th>
<th>Watts</th>
<th>Recommended Pipe Size</th>
<th>Carton Weight</th>
<th>Overall Length 'A'</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSSHP220AUT</td>
<td>0.25-2.2</td>
<td>208-220VAC</td>
<td>2,100 W</td>
<td>2½-3&quot;</td>
<td>71.5 lbs</td>
<td>33½&quot;</td>
</tr>
<tr>
<td>VSSHP270AUT</td>
<td>0.25-2.7</td>
<td>208-220VAC</td>
<td>2,300 W</td>
<td>2½-3&quot;</td>
<td>71.5 lbs</td>
<td>33½&quot;</td>
</tr>
<tr>
<td>JEP2.0SVRS</td>
<td>0.25-2.7</td>
<td>208-220VAC</td>
<td>2,300 W</td>
<td>2½-3&quot;</td>
<td>71.5 lbs</td>
<td>33½&quot;</td>
</tr>
</tbody>
</table>

PERFORMANCE

ePUMP PERFORMANCE CURVES

FLOW GPM

TOTAL DYNAMIC HEAD (FEET OF H2O)
Jandy ePump + SVRS

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Horse Power</th>
<th>Voltage</th>
<th>Watts</th>
<th>Recommended Pipe Size</th>
<th>Carton weight</th>
<th>Overall Length 'A'</th>
</tr>
</thead>
<tbody>
<tr>
<td>JEP2.05VRS</td>
<td>0.25-2.7</td>
<td>208-230VAC</td>
<td>2,300W</td>
<td>2½-3&quot;</td>
<td>71.5 lbs</td>
<td>33½&quot;</td>
</tr>
</tbody>
</table>

**Total Dynamic Head**

* (Feet of Water)  

**Pounds Per Square Inch**

* (PSI)

**Flow Rated, Gallons Per Minute (GPM)**
Jandy E Pump Variable-Speed

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Horsepower</th>
<th>Voltage</th>
<th>Watts</th>
<th>Recommended Pipe Size</th>
<th>Carton Weight</th>
<th>Overall Length 'A'</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSSHP220AUT</td>
<td>0.25-2.2</td>
<td>208-230VAC</td>
<td>2,100W</td>
<td>2¼-3&quot;</td>
<td>71.5 lbs</td>
<td>33½&quot;</td>
</tr>
<tr>
<td>VSSHP270AUT</td>
<td>0.25-2.7</td>
<td>208-230VAC</td>
<td>2,300W</td>
<td>2¾-3&quot;</td>
<td>71.5 lbs</td>
<td>33½&quot;</td>
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<tr>
<td>JEP2.05VRS</td>
<td>0.25-2.7</td>
<td>208-230VAC</td>
<td>2,300W</td>
<td>2¼-3&quot;</td>
<td>71.5 lbs</td>
<td>33½&quot;</td>
</tr>
</tbody>
</table>

JEP Performance Curves

JEP-2.0 HP, 3450 RPM
JEP-1.5 HP, 3450 RPM
JEP-2.0 HP, 2400 RPM
JEP-2.0 HP, 1500 RPM
JEP-1.5 HP, 2400 RPM
JEP-1.5 HP, 1500 RPM
JEP-1.5 HP, 600 RPM
JEP-1.5 HP, 600 RPM
Jandy FloPro VS 1.65 HP

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Total Horsepower</th>
<th>Voltage</th>
<th>Max Watts</th>
<th>Recommended Pipe Size</th>
<th>Carton Weight</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSFHP165JEP</td>
<td>1.65</td>
<td>230VAC</td>
<td>1,600 W</td>
<td>1 ½–2 ¼”</td>
<td>46 lbs</td>
<td>25¼”</td>
</tr>
<tr>
<td>VSFHP165AUT</td>
<td>1.65</td>
<td>230VAC</td>
<td>1,600 W</td>
<td>1 ½–2 ¼”</td>
<td>46 lbs</td>
<td>25¼”</td>
</tr>
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</table>

VS FloPro 0.85 HP and 1.65 HP Performance Curves
Jandy FloPro VS 2.7 HP

Jandy FloPro VS 2.7

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Total Horsepower</th>
<th>Voltage</th>
<th>Max Watts</th>
<th>Recommended Pipe Size</th>
<th>Carton Weight</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSFHP270JEP</td>
<td>2.7</td>
<td>208-230 VAC</td>
<td>2,400 W</td>
<td>2½-3”</td>
<td>56.0 lbs</td>
<td>27½”</td>
</tr>
<tr>
<td>VSFHP270AUT</td>
<td>2.70</td>
<td>208-230 VAC</td>
<td>2,400 W</td>
<td>2½-3”</td>
<td>56.0 lbs</td>
<td>27¾”</td>
</tr>
</tbody>
</table>

**VSFHP270 PERFORMANCE CURVES**

- **TOTAL DYNAMIC HEAD (FEET OF H2O)**
  - 3450 RPM
  - 2500 RPM
  - 1500 RPM
  - 600 RPM

- **FLOW RATE, GALLONS PER MINUTE, (GPM)**
  - 0 to 100 gallons per minute
Jandy Plus HP

Jandy

Plus HP

PHPF or PHPM – hp varies
## Jandy Pro Series VS Plus HP

<table>
<thead>
<tr>
<th>Model No.</th>
<th>HP</th>
<th>Voltage</th>
<th>Max Watts</th>
<th>Pipe Size</th>
<th>Carton Weight</th>
<th>Overall Length 'A'</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSPHP270</td>
<td>0.25 - 2.7</td>
<td>230 VAC</td>
<td>2,250W</td>
<td>2½ - 3&quot;</td>
<td>50 lbs.</td>
<td>30 3/8&quot;</td>
</tr>
</tbody>
</table>

### VSPHP270 Series Pump Performance Curves

- **CURVE "B"**
- **CURVE "A"**
- **CURVE "C"**

**Total Dynamic Head (Feet of Water)** vs **Flow Rate, Gallons Per Minute (GPM)**
- 3450 RPM
- 2750 RPM
- 1730 RPM
- 1000 RPM
Jandy Stealth

SHPF or SHPM – hp varies
Pentair Aurora
Flow varies with impeller size

<table>
<thead>
<tr>
<th>Pentair</th>
<th>Aurora</th>
</tr>
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<tbody>
<tr>
<td>340 Series and 410 Series</td>
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</tr>
<tr>
<td>341A, 342A, 344A</td>
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</tbody>
</table>
Pentair Aurora 3800 Series
Flow varies with impeller size

<table>
<thead>
<tr>
<th>Pentair</th>
<th>Aurora 3800</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><em>Single Stage End Suction Centrifugal Pump</em></td>
</tr>
</tbody>
</table>

![Image of Aurora 3800 Pump]

![3550 and 1770 RPM Range Charts]

![Graph showing range charts for 3550 and 1770 RPM]
Pentair Berkeley B-Series
Flow varies with impeller size

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>HP</th>
<th>Best Operating Flow GPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3ZPMS</td>
<td>5</td>
<td>350</td>
</tr>
<tr>
<td>B3ZPMS</td>
<td>7 ½</td>
<td>400</td>
</tr>
<tr>
<td>B3ZPMS</td>
<td>10</td>
<td>500</td>
</tr>
<tr>
<td>B3ZPMS</td>
<td>15</td>
<td>600</td>
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<tr>
<td>B5EPHS</td>
<td>20</td>
<td>950</td>
</tr>
<tr>
<td>B5EPHS</td>
<td>25</td>
<td>1050</td>
</tr>
<tr>
<td>B4GPBHS</td>
<td>30</td>
<td>1100</td>
</tr>
<tr>
<td>B6JPBMS</td>
<td>40</td>
<td>1500</td>
</tr>
<tr>
<td>B8GPBMS</td>
<td>50</td>
<td>2700</td>
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</table>
## Pentair C Series Commercial Bronze

<table>
<thead>
<tr>
<th>Pump</th>
<th>HP</th>
<th>Curve Key</th>
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<tbody>
<tr>
<td>CM-50</td>
<td>5</td>
<td>F</td>
</tr>
<tr>
<td>CMK-50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH-50</td>
<td>5</td>
<td>A</td>
</tr>
<tr>
<td>CHK-50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM-75</td>
<td>7.5</td>
<td>G</td>
</tr>
<tr>
<td>CMK-75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH-75</td>
<td>7.5</td>
<td>B</td>
</tr>
<tr>
<td>CHK-75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM-100</td>
<td>10</td>
<td>H</td>
</tr>
<tr>
<td>CMK-100</td>
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<td></td>
</tr>
<tr>
<td>CH-100</td>
<td>10</td>
<td>C</td>
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<tr>
<td>CHK-100</td>
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</tr>
<tr>
<td>CMK-150</td>
<td>15</td>
<td>I</td>
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<tr>
<td>CHK-150</td>
<td>15</td>
<td>D</td>
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<tr>
<td>CHK-200</td>
<td>20</td>
<td>E</td>
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</tbody>
</table>
Pentair C/CC Series

Pentair C/CC Series
*Bronze or Cast-Iron Commercial Pool Pump*

<table>
<thead>
<tr>
<th>Pump</th>
<th>HP</th>
<th>Curve Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze</td>
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</tr>
<tr>
<td>CHH-137</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>CHH3-137</td>
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<tr>
<td>CMH-136</td>
<td>3</td>
<td>B</td>
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<tr>
<td>CMH3-136</td>
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<tr>
<td>CHJ-138</td>
<td>5</td>
<td>C</td>
</tr>
<tr>
<td>CHJ3-138</td>
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</tr>
<tr>
<td>Cast Iron</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCHH-137S</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>CCHH3-137S</td>
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<tr>
<td>CCMH-136S</td>
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<tr>
<td>CCHH2-137S</td>
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<tr>
<td>CCHJ-138</td>
<td>5</td>
<td>C</td>
</tr>
<tr>
<td>CCHJ3-138S</td>
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</table>

![Diagram](image-url)
### Pentair Challenger High Flow

<table>
<thead>
<tr>
<th>Pump</th>
<th>Product</th>
<th>HP</th>
<th>Curve Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFII-NI-1FE</td>
<td>342235</td>
<td>1</td>
<td>C</td>
</tr>
<tr>
<td>CFII-NI-1F</td>
<td>342234</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CFII-NI-1 ½A</td>
<td>343234</td>
<td>1 ½</td>
<td></td>
</tr>
<tr>
<td>CFII-NI-1 ⅝F</td>
<td>342236</td>
<td>1 ⅝</td>
<td>D</td>
</tr>
<tr>
<td>CFII-NI-1 ⅞F</td>
<td>342231</td>
<td>1 ⅞</td>
<td></td>
</tr>
<tr>
<td>CFII-NI-2A</td>
<td>343240</td>
<td>2</td>
<td></td>
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<tr>
<td>CFII-NI-2FE</td>
<td>342238</td>
<td>2</td>
<td>E</td>
</tr>
<tr>
<td>CFII-NI-2F</td>
<td>342248</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CFII-NI-2 ⅝A</td>
<td>343229</td>
<td>2 ⅝</td>
<td></td>
</tr>
<tr>
<td>CFII-NI-⅞F</td>
<td>342232</td>
<td>⅞</td>
<td>A</td>
</tr>
<tr>
<td>CFII-NI-¾A</td>
<td>343232</td>
<td>¾</td>
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<tr>
<td>CFII-NI-¾F</td>
<td>342233</td>
<td>¾</td>
<td>B</td>
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<tr>
<td>CFII-NI-1A</td>
<td>343233</td>
<td>1</td>
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<tr>
<td>CFII-NI-5FE</td>
<td>34223</td>
<td>5</td>
<td>F</td>
</tr>
</tbody>
</table>

#### Pentair Pool Products

**Challenger High Flow Series Performance Curves**

- **BEST EFFICIENCY SIZING**
- **M/HR**
- **US Gallons Per Minute**
- **GPM**

![Challenger High Flow Series Performance Curves](image-url)
### Pentair Challenger High Pressure

#### Pentair  
**Challenger High Flow**

<table>
<thead>
<tr>
<th>Pump</th>
<th>Product</th>
<th>HP</th>
<th>Curve Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHII-NI-1/2FE</td>
<td>345212</td>
<td>½</td>
<td>G</td>
</tr>
<tr>
<td>CHII-NI-1/2F</td>
<td>345202</td>
<td>½</td>
<td></td>
</tr>
<tr>
<td>CHII-NI-¾A</td>
<td>346203</td>
<td>¾</td>
<td></td>
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<tr>
<td>CHII-NI-¾FE</td>
<td>345213</td>
<td>¾</td>
<td>H</td>
</tr>
<tr>
<td>CHII-NI-¾F</td>
<td>345203</td>
<td>¾</td>
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<tr>
<td>CHII-NI-1A</td>
<td>346204</td>
<td>1</td>
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<tr>
<td>CHII-NI-1FE</td>
<td>345205</td>
<td>1</td>
<td>I</td>
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<tr>
<td>CHII-NI-1F</td>
<td>345204</td>
<td>1</td>
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</tr>
<tr>
<td>CHII-NI-1 ½A</td>
<td>346206</td>
<td>1 ½</td>
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<tr>
<td>CHII-NI-1 ½FE</td>
<td>345206</td>
<td>1 ½</td>
<td>J</td>
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<td>CHII-NI-1 ½F</td>
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<td>1 ½</td>
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<tr>
<td>CHII-NI-2A</td>
<td>346201</td>
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<tr>
<td>CHII-NI-2FE</td>
<td>345208</td>
<td>2</td>
<td>K</td>
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<tr>
<td>CHII-NI-1 ½AE</td>
<td>346206</td>
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<tr>
<td>CHII-NI-2F</td>
<td>345218</td>
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<td>346249</td>
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<tr>
<td>CHII-NI-2 ½AE</td>
<td>346209</td>
<td>2 ½</td>
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</tr>
<tr>
<td>CHII-NI-3FE</td>
<td>345209</td>
<td>3</td>
<td>L</td>
</tr>
<tr>
<td>CHII-NI-3F</td>
<td>345219</td>
<td>3</td>
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</tbody>
</table>

#### Diagram: Pentair Pool Products  
**Challenger High Head Series Performance Curves**

![Challenger High Head Series Performance Curves](image)

---

*Page | 44*
Pentair CSP/CCSP Series

Pentair

C/CC Series
Commercial Self-Priming Pump

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSPHK/CCSPHK</td>
<td>7 ½</td>
</tr>
<tr>
<td>CSPHK3/CCSPHK3</td>
<td></td>
</tr>
<tr>
<td>CSPH2K3/CCSPH2K3</td>
<td></td>
</tr>
<tr>
<td>CSPHL/CCSPHL</td>
<td>10</td>
</tr>
<tr>
<td>CSPHL3/CCSPHL3</td>
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</tr>
<tr>
<td>CSPH2L3/CCSPH2L3</td>
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</tr>
<tr>
<td>CSPHM3/CCSPHM3</td>
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</tr>
<tr>
<td>CSPH2M3/CCSPH2M3</td>
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</tr>
<tr>
<td>CSPHN3/CCSPHN3</td>
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</tr>
<tr>
<td>CSPH2N3/CCSPH2N3</td>
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</tbody>
</table>

Performance Curves – CSP Pumps

Performance Curves – CCSP Pumps
Pentair 5CSP/5CCSP Series

<table>
<thead>
<tr>
<th>Pump</th>
<th>HP</th>
<th>Curve Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>5CSP/5CSP3/5CCSP3</td>
<td>5</td>
<td>A</td>
</tr>
<tr>
<td>5CSP/5CSP3/5CCSP3</td>
<td>7.5</td>
<td>B</td>
</tr>
<tr>
<td>5CSP/5CSP3/5CCSP3</td>
<td>10</td>
<td>C</td>
</tr>
<tr>
<td>5CSP/5CSP3/5CCSP3</td>
<td>15</td>
<td>D</td>
</tr>
</tbody>
</table>

![Pentair 5CSP/5CCSP Series Diagram](image-url)
### Pentair D Series

**Cast Iron Self-Priming Centrifugal Commercial Pump**

**High Head and Medium Head**

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>HP</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>DHE/DHE3</td>
<td>1</td>
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<tr>
<td>DHF/DHF3</td>
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</tr>
<tr>
<td>DHG/DHG3</td>
<td>2</td>
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<tr>
<td>DHHG/DHHG3</td>
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</tr>
<tr>
<td>DHH/DHH3/DH2H/DH2H3</td>
<td>3</td>
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<tr>
<td>DHJ/DHJ3/DH2J/DH2J3</td>
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<tr>
<td><strong>Medium Head</strong></td>
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<td>DMG/DMG3</td>
<td>2</td>
</tr>
<tr>
<td>DMMG/DMMG3</td>
<td>2.5</td>
</tr>
<tr>
<td>DMH/DMH3/DM2H/DM2H3</td>
<td>3</td>
</tr>
<tr>
<td>DMJ/DMJ3/DM2J/DM2J3</td>
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</table>
## Pentair EQ Series

**Pentair**

**EQ Series (Single Phase, Three Phase)**

<table>
<thead>
<tr>
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<th>HP</th>
<th>Curve Key</th>
</tr>
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<tbody>
<tr>
<td>EQ-500</td>
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<td>EQ-750</td>
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<td>EQ-1000</td>
<td>10</td>
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<td>EQK-500</td>
<td>5</td>
<td>D</td>
</tr>
<tr>
<td>EQKT-500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EQT-500</td>
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<td></td>
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<tr>
<td>EQK-750</td>
<td>7.5</td>
<td>E</td>
</tr>
<tr>
<td>EQKT-750</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EQT-750</td>
<td></td>
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<td>EQK-1000</td>
<td>10</td>
<td>F</td>
</tr>
<tr>
<td>EQKT-1000</td>
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<tr>
<td>EQT-1000</td>
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<tr>
<td>EQK-1500</td>
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<td>EQKT-1500</td>
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Pentair EQW Series

Pentair  
EQW Series  
Waterfall

<table>
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<th>Pump</th>
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<th>Curve Key</th>
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<td>EQW-300/EQWK-300</td>
<td>3</td>
<td>H</td>
</tr>
<tr>
<td>EQW-500/EQWK-500</td>
<td>5</td>
<td>I</td>
</tr>
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</table>

Pentair Pool Products
EQW and EQWK Waterfall Series Performance Curves
Pentair IntelliFlo 2 VST

Note: IntelliFlo VS+SVRS minimum speed is 1100 RPM
Pentair IntelliFlo i1 and i2 Variable Speed Pump

Pentair

IntelliFlo i1 – 011059
IntelliFlo i2 – 011060

IntelliFlo i1
Pentair IntelliFlo VS and IntelliFlo VS + SVRS

Pentair

IntelliFlo VS
011018
011028

IntelliFlo VS + SVRS
011057

Note: IntelliFlo VS+SVRS minimum speed is 1100 RPM
## Pentair IntelliFlo VSF

<table>
<thead>
<tr>
<th>Pentair</th>
<th>IntelliFlo VSF 011056</th>
</tr>
</thead>
</table>

### Performance Curves

- **Max. Speed:** 3450 rpm
- **Speed 1:** 750 rpm
- **Speed 2:** 1000 rpm
- **Speed 3:** 1830 rpm
- **Speed 4:** 3110 rpm

**Operating Range for Flow Control**

<table>
<thead>
<tr>
<th>Volumetric Flow Rate in GPM</th>
<th>0</th>
<th>20</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>100</th>
<th>120</th>
<th>140</th>
<th>160</th>
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</thead>
<tbody>
<tr>
<td>Total Dynamic Head in Ft of H2O</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>50</td>
<td>60</td>
<td>70</td>
<td>80</td>
<td>90</td>
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</table>
## Pentair IntelliFloXF VSF

### Pentair
IntelliFloXF VSF
022056

<table>
<thead>
<tr>
<th>Volumetric Flow Rate in GPM</th>
<th>Total Dynamic Head in FloH₂O</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>40</td>
<td>20</td>
</tr>
<tr>
<td>60</td>
<td>30</td>
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<tr>
<td>80</td>
<td>40</td>
</tr>
<tr>
<td>100</td>
<td>50</td>
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<tr>
<td>120</td>
<td>60</td>
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<td>140</td>
<td>70</td>
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<td>160</td>
<td>80</td>
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<tr>
<td>180</td>
<td>90</td>
</tr>
<tr>
<td>200</td>
<td>100</td>
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</tbody>
</table>

**Operating Range for Flow Control**

- **Max. Speed**: @3,650 rpm
- **Speed 1**: @750 rpm
- **Speed 2**: @1,500 rpm
- **Speed 3**: @2,350 rpm
- **Speed 4**: @3,110 rpm
NOTE: The chart above demonstrates performance rates at factory preset speeds of 750 RPM, 1500 RPM, 2350 RPM and 3110 RPM.
Pentair IntelliPro 2 VST

Pentair
IntelliPro 2 VST
013001

Note: IntelliPro VS+SVRS minimum speed is 1100 RPM
Pentair IntelliPro VS

Pentair
IntelliPro VS
013028

Note: IntelliPro VS+SVRS minimum speed is 1100 RPM
Pentair IntelliPro VS+SVRS

Pentair
IntelliPro VS+SVRS
P6E6XS4H-L
013002

* IntelliFlo VS+SVRS minimum speed is 1100 RPM
<table>
<thead>
<tr>
<th>Pentair</th>
<th>IntelliPro VSF</th>
<th>013004</th>
</tr>
</thead>
</table>

**Performance Curves**

- **Max. Speed**: 93450 rpm
- **Speed 4**: 93110 rpm
- **Speed 3**: 83350 rpm
- **Speed 2**: 81000 rpm
- **Speed 1**: 8750 rpm

**Graph**: Operating range for flow control vs. volumetric flow rate in GPM.
Pentair IntelliProXF Variable Speed

Pentair
IntelliProXF
023055
Pentair IntelliProXF VSF

Performance Curves

Operating Range for Flow Control

Total Dynamic Head in Ft of H2O

Volumetric Flow Rate in GPM

Speed 1 @730 rpm

Speed 2 @1500 rpm

Speed 3 @2350 rpm

Max. Speed @3450 rpm

Speed 4 @3110 rpm
### Pentair Pinnacle

<table>
<thead>
<tr>
<th>Product #</th>
<th>Model</th>
<th>Voltage</th>
<th>Full Load</th>
<th>HP</th>
<th>Sq. ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>342853</td>
<td>PFII-3/4</td>
<td>115/230V</td>
<td>10.8/5.4</td>
<td>3/4</td>
<td>1.27</td>
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<tr>
<td>342854</td>
<td>PFII-1</td>
<td>115/230V</td>
<td>14.2/7.1</td>
<td>1</td>
<td>1.25</td>
</tr>
<tr>
<td>342856</td>
<td>PFII-1-1/2</td>
<td>115/230V</td>
<td>16.0/8.0</td>
<td>1-1/2</td>
<td>1.10</td>
</tr>
<tr>
<td>342355</td>
<td>PFII-2</td>
<td>115/230V</td>
<td>4/11.2</td>
<td>2</td>
<td>1.10</td>
</tr>
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</table>

![Pump Performance Curve](image_url)
## Pentair SuperFlo High Performance

<table>
<thead>
<tr>
<th>Pump</th>
<th>Product</th>
<th>HP</th>
<th>Curve Key</th>
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</thead>
<tbody>
<tr>
<td>SF-NI-½FE</td>
<td>348021</td>
<td>½</td>
<td>E</td>
</tr>
<tr>
<td>SF-NI-½F</td>
<td>340036</td>
<td>½</td>
<td></td>
</tr>
<tr>
<td>SF-NI-¾FE</td>
<td>348022</td>
<td>¾</td>
<td>F</td>
</tr>
<tr>
<td>SF-NI-¾A</td>
<td>340037</td>
<td>¾</td>
<td></td>
</tr>
<tr>
<td>SF-NI-1AE</td>
<td>348023</td>
<td>1</td>
<td>G</td>
</tr>
<tr>
<td>SF-NI-1A</td>
<td>340038</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>SF-NI-1 ½AE</td>
<td>348024</td>
<td>1 ½</td>
<td>H</td>
</tr>
<tr>
<td>SF-NI-1 ½A</td>
<td>340039</td>
<td>1 ½</td>
<td></td>
</tr>
<tr>
<td>SF-NI-2AE</td>
<td>348025</td>
<td>2</td>
<td>I</td>
</tr>
<tr>
<td>SF-NI-2A</td>
<td>340040</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>SF-NI-2 ½AE</td>
<td>348026</td>
<td>2 ½</td>
<td>J</td>
</tr>
<tr>
<td>SF-NI-2 ½A</td>
<td>340041</td>
<td>2 ½</td>
<td></td>
</tr>
<tr>
<td>SF-N2- ¾ A (low speed)</td>
<td>341111</td>
<td>¾</td>
<td>A</td>
</tr>
<tr>
<td>SF-N2-1A (low speed)</td>
<td>340042</td>
<td>1</td>
<td>B</td>
</tr>
<tr>
<td>SF-N2-1 ½A (low speed)</td>
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<td>C</td>
</tr>
<tr>
<td>SF-N2-2A (low speed)</td>
<td>340044</td>
<td>2</td>
<td>D</td>
</tr>
</tbody>
</table>

### Diagram

- **BEST EFFICIENCY SIZING**
- **Feet of Water**
- **U.S. Gallons per Minute**

---

Page | 68
Pentair SuperFlo VS Variable speed

Pentair
SuperFlo VS Variable Speed
342001
Pentair SuperFlo VST Variable speed

Pentair
SuperFlo VST Variable Speed
342002

SuperFlo® VST Performance Curves for Preset Speeds

![Graph showing performance curves for preset speeds.](image-url)
### Pentair Waterfall Specialty Pumps

<table>
<thead>
<tr>
<th>Pump</th>
<th>Product</th>
<th>Curve Key</th>
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<tbody>
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<td>AFP-75</td>
<td>340350</td>
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<td>AFP-120</td>
<td>340351</td>
<td>B</td>
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<td>AFP-150</td>
<td>340352</td>
<td>D</td>
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<tr>
<td>AF-75</td>
<td>340300</td>
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<td>AF-120</td>
<td>340301</td>
<td>C</td>
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<td>AF-180</td>
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</table>

![Graph of Pump Performance](image-url)
## Pentair Whisperflo

<table>
<thead>
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<th>Pump</th>
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<th>Curve Key</th>
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<tbody>
<tr>
<td>WFE-2</td>
<td>011511</td>
<td>½</td>
<td>E</td>
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<td>WF-2</td>
<td>011578</td>
<td>½</td>
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<tr>
<td>WF-23</td>
<td>011771</td>
<td>¼</td>
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</tr>
<tr>
<td>WFE-3</td>
<td>011512</td>
<td>¼</td>
<td>F</td>
</tr>
<tr>
<td>WF-3</td>
<td>011579</td>
<td>¼</td>
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</tr>
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<td>WFE-24</td>
<td>011517</td>
<td>11</td>
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<tr>
<td>WF-24</td>
<td>011772</td>
<td>11</td>
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<td>WFE-4</td>
<td>011513</td>
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<td>G</td>
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<td>WF-4</td>
<td>011580</td>
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<td>WFK-4</td>
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<td>WFE-26</td>
<td>011518</td>
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</tr>
<tr>
<td>WF-26</td>
<td>011773</td>
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<td>WFE-6</td>
<td>011514</td>
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<td>H</td>
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<td>WF-6</td>
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<td>J</td>
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<td>WFDS-3</td>
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<td>A, F</td>
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<td>WFDS-24</td>
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<tr>
<td>WFDS-6</td>
<td>011522</td>
<td>1 ½</td>
<td>C, H</td>
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<td>WFDS-28</td>
<td>011524</td>
<td>1 ½</td>
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<tr>
<td>WFDS-8</td>
<td>011523</td>
<td>2</td>
<td>D, I</td>
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<tr>
<td>WFDS-30</td>
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### Pentair WhisperfloXF

<table>
<thead>
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<td>XFJ-20</td>
<td>-</td>
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<td>XFE-12</td>
<td>022010</td>
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<td>B</td>
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<tr>
<td>XFL-12</td>
<td>-</td>
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<tr>
<td>XF-12</td>
<td>022013</td>
<td>3</td>
<td>C</td>
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<td>XFDS-12</td>
<td>022008</td>
<td>3 (2 speed)</td>
<td>C, E</td>
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<td>022009</td>
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<td>XFJ-8</td>
<td>-</td>
<td></td>
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<td>XFE-30</td>
<td>022028</td>
<td>2 ½</td>
<td>D</td>
</tr>
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<td>XF-30</td>
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<td>XFDS-8</td>
<td>022007</td>
<td>2</td>
<td>D, F</td>
</tr>
<tr>
<td>XFDS-30</td>
<td>022026</td>
<td>2 ½</td>
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</tr>
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<td>D</td>
</tr>
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<td>3</td>
<td>B</td>
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<td>H</td>
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<tr>
<td>XFK-20</td>
<td>-</td>
<td>5</td>
<td>G</td>
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</table>
Pump Performance Curves

WhisperFlo/Max-E-ProXF Performance Curves

3 Phase Performance Curve
## Sta-Rite Dura-Glas

<table>
<thead>
<tr>
<th>Pump</th>
<th>HP</th>
<th>Curve Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2RA5CL – single speed</td>
<td>½</td>
<td>A – on first pump curve</td>
</tr>
<tr>
<td>P2RA5DL – single speed</td>
<td>¾</td>
<td>B – on first pump curve</td>
</tr>
<tr>
<td>P2RA5EL – single speed</td>
<td>1</td>
<td>C – on first pump curve</td>
</tr>
<tr>
<td>P2RA5FL – single speed</td>
<td>1 ½</td>
<td>D – on first pump curve</td>
</tr>
<tr>
<td>P2RA5YEL – two speed - LOW</td>
<td>1</td>
<td>A – on second pump curve</td>
</tr>
<tr>
<td>P2RA5YFL – two speed - LOW</td>
<td>1 ½</td>
<td>B – on second pump curve</td>
</tr>
<tr>
<td>P2RA5YGL – two speed - LOW</td>
<td>2</td>
<td>C – on second pump curve</td>
</tr>
<tr>
<td>P2RA5YEL – two speed - HIGH</td>
<td>1</td>
<td>D – on second pump curve</td>
</tr>
<tr>
<td>P2RA5YFL – two speed - HIGH</td>
<td>1 ½</td>
<td>E – on second pump curve</td>
</tr>
<tr>
<td>P2RA6YGL – two speed - HIGH</td>
<td>2</td>
<td>F – on second pump curve</td>
</tr>
</tbody>
</table>
Performance Curves

Available in ¼ to 3 HP, and single- and two-speed models. Ask your dealer which one is right for you.

[Graph showing performance curves]

KEY
A. P2RASCL
B. P2RASDL
C. P2RASEL
D. P2RASHL
E. PMR6D3/PMR62D3
F. PMR6E3/PMR62E3
G. P4R6F3/P4R62F3
H. P4R6G3/P4R62G3
I. P4R6H3

[Graph showing high and low speed curves]

KEY
A. P2RASYEL
B. P2RASYFYL
C. P2RASYGL
D. P2RASYEL
E. P2RASYFYL
F. P2RASYGL
Sta-Rite Dura-Glas II

<table>
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<th>HP</th>
<th>Curve Key</th>
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<td>P4R6E3</td>
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<tr>
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<tr>
<td>P4R6F3</td>
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<tr>
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<tr>
<td>P4R62G3</td>
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<tr>
<td>P4R6H3</td>
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<td>I</td>
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**Performance Curves**

Available in 3/8 to 3 HP, and single- and two-speed models. Ask your dealer which one is right for you.

![Performance Curves Diagram]

**KEY**
- A. P2RASCL
- D. P2RASFL
- B. P2RASDL
- E. P4R6D3/P4R62D3
- C. P2RASFL
- F. P4R6E3/P4R62E3
- G. P4R6F3/P4R62F3
- I. P4R6H3
Sta-Rite Dynamo

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<tr>
<td>DYNII-N2-1 ½ HP</td>
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<td>DYNII-N1-2 HP</td>
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Sta-Rite Dyna-Jet

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<td>TPEAF-166L</td>
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<td>TPEAG-67L</td>
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<td>TPEAAG-168L</td>
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<td>TPRAF-174L</td>
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<td>TPRAG-175L</td>
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<td>TPEAYG-175L (2 SPEED)</td>
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<td>TPEAAYG-168L (2 SPEED)</td>
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![Graph showing pump performance characteristics](image-url)
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<td>MPEA6F-L</td>
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<td>MPEA6YG-L (2 speed)</td>
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KEY
A. MPRA6YFL
B. MPEA6YGL
C. MPEA6YGL
D. MPRA6DL/MPEA6DL/MPE6CL
E. MPRA6EL/MPEA6EL/MPE6DL
F. MPRA6FL/MPEA6FL/MPRA6YFL/MPE6EL
G. MPRA6GL/MPEA6GL/MPEA6YGL/MPE6FL
H. MPEA66GL/MPEAA6YGL/MPE6GL
### Sta-Rite Dyna-Wave

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<td>(Currently Pentair)</td>
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![Image of Sta-Rite Dyna-Wave泵](image)

![Graph showing best efficiency sizing](graph)

**Graph:**
- **X-axis:** U.S. Gallons per Minute
- **Y-axis:** Feet of Water
- **Legend:** BEST EFFICIENCY SIZING
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<tr>
<td>P6RA6F-216L</td>
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<tr>
<td>P6RA6G-207L</td>
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<tr>
<td>P6R62D3-186</td>
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<td>5P6R6E3-210</td>
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<td>J</td>
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<tr>
<td>5P6R6F3-211</td>
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<td>K</td>
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<td>5P6R6G3-212</td>
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<td>L</td>
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<td>5P6R6H3-213</td>
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<tr>
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<td><strong>P6EA6E-205L</strong></td>
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<td><strong>P6R6D-205L</strong></td>
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<tr>
<td><strong>P6R6D3-205</strong></td>
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<tr>
<td><strong>P6E6E-206L</strong></td>
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<td><strong>E</strong></td>
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<tr>
<td><strong>P6EA6F-206L</strong></td>
<td>1 ½</td>
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<tr>
<td><strong>P6R6E-206L</strong></td>
<td>1</td>
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</tr>
<tr>
<td><strong>P6E6F-207L</strong></td>
<td>1 ¾</td>
<td><strong>F</strong></td>
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<tr>
<td><strong>P6EAAGF-216L</strong></td>
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<td></td>
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<tr>
<td><strong>P6EA6G-207L</strong></td>
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<td><strong>P6R6F-207L</strong></td>
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<tr>
<td><strong>P6R6F3-207</strong></td>
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<td><strong>P6E6G-208L</strong></td>
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<tr>
<td><strong>P6EAAG-208L</strong></td>
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<td><strong>P6R6G-208L</strong></td>
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<td><strong>P6R6G3-208</strong></td>
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<td><strong>P6E6H-209L</strong></td>
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<td><strong>P6R6H-209L</strong></td>
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<tr>
<td><strong>P6R6E3-206</strong></td>
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ENERGY EFFICIENT TWO SPEED 3450 RPM LOW SPEED

<p>| | | | |
|  |  |  |  |
|-----------------------|------------------|
| <strong>P6RA6YF-206L (2 PHASE)</strong> | 1 ½ | <strong>A, E</strong> |
| <strong>P6RA6YG-207L (2 PHASE)</strong> | 2 | <strong>B, F</strong> |</p>
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<th>Pump Curve</th>
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<td>XP-30</td>
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1 & 2-Speed Performance Curve

Volumetric Flow Rate in US Gallons Per Minute
Total Dynamic Head in Ft of H2O

3 Phase Performance Curve

Volumetric Flow Rate in US Gallons Per Minute
Total Dynamic Head in Ft of H2O
# Sta-Rite Supermax

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Product</th>
<th>HP</th>
<th>Pump Curve</th>
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<tbody>
<tr>
<td>N1-1/2AE-HP  &lt;br&gt; N1-1/2F-HP</td>
<td>PHK2E6C-100L  &lt;br&gt; PHK2RA6C-100L</td>
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<td>E</td>
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<tr>
<td>N1-3/4AE-HP  &lt;br&gt; N1-3/4A-HP</td>
<td>PHK2E6D-101L  &lt;br&gt; PHK2RA6D-101L</td>
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<td>F</td>
</tr>
<tr>
<td>N1-A1-HP  &lt;br&gt; N1-1A-HP</td>
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<td>G</td>
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<tr>
<td>N1-1 ½AE-HP  &lt;br&gt; N1-1 ½A-HP</td>
<td>PHK2E6F-103L  &lt;br&gt; PHK2RA6F-103L</td>
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<td><strong>Two Speed</strong></td>
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### Performance Curves

![Diagram with curves and labels]

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<td>H</td>
<td>PHK2E6F</td>
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<td>I</td>
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<td>J</td>
<td>PHK2EAA6G</td>
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<tr>
<td>E</td>
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<tr>
<td>F</td>
<td>PHK2RA6D</td>
<td>¾</td>
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<tr>
<td>J</td>
<td>PHK2RAA6G</td>
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<td>A, F</td>
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<td>B, G</td>
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<td>C, H</td>
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<td>Sta-Rite Supermax VS</td>
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**SuperMax® VS Performance Curves for Preset Speeds**

- **Speed 1 / 3000 RPM**
  - (110/230V)
- **Quick Clean / 3450 RPM**
  - (230V Only)
- **Speed 2 / 1400 RPM**
  - (110/230V)
- **Speed 3 / 2200 RPM**
  - (110/230V)
Sta-Rite Max-E-Glas

<table>
<thead>
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<th>Pump</th>
<th>HP</th>
<th>Curve Key</th>
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<td>PE5CL</td>
<td>½</td>
<td>A</td>
</tr>
<tr>
<td>PE5DL</td>
<td>¾</td>
<td>B</td>
</tr>
<tr>
<td>PE5EL</td>
<td>1</td>
<td>C</td>
</tr>
</tbody>
</table>

**Performance Curves**

- **BEST EFFICIENCY SIZING**
- **KEY**
  - A. PE5CL
  - B. PE5DL
  - C. PE5EL
Sta-Rite Max-E-Glas II

<table>
<thead>
<tr>
<th>Pump</th>
<th>HP</th>
<th>Curve Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>P4E6DL/P4E6EL</td>
<td>¾</td>
<td>A</td>
</tr>
<tr>
<td>P4E6EL/P4E6FL</td>
<td>1</td>
<td>B</td>
</tr>
<tr>
<td>P4EAA6FL</td>
<td>1 ¾</td>
<td>C</td>
</tr>
<tr>
<td>P4E6FL/P4E6GL</td>
<td>1 ½</td>
<td>D</td>
</tr>
<tr>
<td>P4E6GL/P4EAA6GL</td>
<td>2</td>
<td>E</td>
</tr>
<tr>
<td>P4E6HL</td>
<td>3</td>
<td>F</td>
</tr>
</tbody>
</table>

Sta-Rite Max-E-Glass II Pump Performance

![Graph showing pump performance](image)

Best Efficiency Sizing

- A. P4E6DL/P4E6EL
- B. P4E6EL/P4E6FL
- C. P4EAA6FL
- D. P4E6FL/P4E6GL
- E. P4E6GL/P4EAA6GL
- F. P4E6HL
### Xylem/Goulds Water Technology Marlow Series 3B

<table>
<thead>
<tr>
<th>Xylem Marlow</th>
<th>Marlow 3B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available in 5 and 7 ½ hp sizes for pools up to 192,000-gallon capacity</td>
<td></td>
</tr>
<tr>
<td>Maximum Capacity: 400 GPM</td>
<td></td>
</tr>
<tr>
<td>Maximum Head: 107 ft</td>
<td></td>
</tr>
</tbody>
</table>

**PERFORMANCE CURVES - 3B Series**

---

![Performance Curve Graph](image-url)
### Xylem/Goulds Water Technology Marlow Series 4SPC

<table>
<thead>
<tr>
<th>Xylem Marlow</th>
<th>Marlow 4SPC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Available in 10, 15 and 20 hp sizes for pools with three phase motors and single phase 10 hp motor</td>
</tr>
<tr>
<td></td>
<td>Multiple pump curves. Impeller based. <a href="#">View Website</a></td>
</tr>
</tbody>
</table>

### Xylem/Goulds Water Technology Marlow Series Prime Line

<table>
<thead>
<tr>
<th>Xylem Marlow</th>
<th>BPrimeLine R4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Available in sizes up to 50 hp.</td>
</tr>
<tr>
<td></td>
<td>Multiple pump curves. Impeller based. <a href="#">View Website</a></td>
</tr>
</tbody>
</table>

### Xylem/Goulds Water Technology Marlow Series e-530

<table>
<thead>
<tr>
<th>Xylem Marlow</th>
<th>e-530</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Available in sizes up to 150 hp.</td>
</tr>
<tr>
<td></td>
<td>Multiple pump curves. Impeller based. <a href="#">View Website</a></td>
</tr>
<tr>
<td>Xylem Marlow</td>
<td>e-580</td>
</tr>
<tr>
<td>--------------</td>
<td>-------</td>
</tr>
<tr>
<td>Available in sizes up to 60 hp</td>
<td></td>
</tr>
<tr>
<td>Multiple pump curves. Impeller based. View <a href="#">Website</a></td>
<td></td>
</tr>
</tbody>
</table>