## HAND PUMPS

**FEATURES:**
- Up to 3500 PSI Working Pressure
- "SA" Series is Single Acting
- "DA" Series have a built-in Directional Control Valve
- 1.5 and 2.1 Cubic Inch Per Cycle (one up and one down)

### Model Hand Pumps - Double Acting Heads

<table>
<thead>
<tr>
<th>MODEL No.</th>
<th>DESCRIPTION</th>
<th>SHIPPING WEIGHT</th>
<th>LIST PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHP-15-DA</td>
<td>1.5 CUBIC INCH DOUBLE ACTING HEAD</td>
<td>10</td>
<td>195.00</td>
</tr>
<tr>
<td>WHP-21-DA</td>
<td>2.1 CUBIC INCH DOUBLE ACTING HEAD</td>
<td>10</td>
<td>200.00</td>
</tr>
<tr>
<td>240040088</td>
<td>HEAD / TANK SEAL KIT</td>
<td>1</td>
<td>18.00</td>
</tr>
<tr>
<td>230009009</td>
<td>¼&quot; DIA STEEL BALL VALVE SEAT</td>
<td>.001</td>
<td>5.00</td>
</tr>
</tbody>
</table>

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**Diagram:**

- **WHP-15-DA**: 
  - P to 3 and 1 to Tank
  - Work Ports Blocked

- **WHP-21-DA**: 
  - Insert Pump Handle
  - Work Ports Blocked

- **WHP-21-DA**: 
  - Directional Control Valve

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**Dimensions:**

- **WHP-15-DA**: 
  - 3/8 NPTF to Cylinder Retract Port 1
  - 3/8 NPTF to Cylinder Extend Port 2
  - 4 x 5.335

- **WHP-21-DA**: 
  - DIRECTIONAL CONTROL VALVE
  - 3.408

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**Notes:**

- Model numbers and descriptions are provided for various components of the pumps.
- Shipping weight and list prices are listed for each model number.
- Diagrams illustrate the components and their configurations.

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**Additional Information:**

- PRINCE MANUFACTURING CORPORATION • P.O. BOX 7000 • 612 NORTH DERBY LANE • NORTH SIOUX CITY, SD 57049-7000
- PH: 605-235-1220 • FAX: 605-235-1082 • URL: www.princehyd.com
- CPLWHP 19-15-11-01
PUMPS

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Model Hand Pumps - Single Acting Heads

<table>
<thead>
<tr>
<th>MODEL No.</th>
<th>DESCRIPTION</th>
<th>SHIPPING WEIGHT (pounds)</th>
<th>LIST PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHP-12-SA</td>
<td>1.2 CUBIC INCH SINGLE ACTING HEAD - NO TANK REQUIRED</td>
<td>10</td>
<td>225.00</td>
</tr>
<tr>
<td>WHP-15-SA</td>
<td>1.5 CUBIC INCH SINGLE ACTING HEAD</td>
<td>10</td>
<td>180.00</td>
</tr>
<tr>
<td>WHP-21-SA</td>
<td>2.1 CUBIC INCH SINGLE ACTING HEAD</td>
<td>10</td>
<td>200.00</td>
</tr>
<tr>
<td>230009009</td>
<td>¼&quot; DIA STEEL BALL VALVE SEAT</td>
<td>.001</td>
<td>5.00</td>
</tr>
</tbody>
</table>
### PUMPS

**HAND PUMPS**

**FEATURES:**
- Steel tanks available in 0.8 and 1.3 gallon
- Aluminum tank available in 0.25 gallon
- Mounting brackets standard feature
- Steel tanks painted black

### Model Hand Pump Tanks

<table>
<thead>
<tr>
<th>MODEL No.</th>
<th>DESCRIPTION</th>
<th>SHIPPING WEIGHT (pounds)</th>
<th>LIST PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHP-T-300</td>
<td>STEEL TANK, 300 CU IN. 1.3 GAL</td>
<td>7</td>
<td>78.00</td>
</tr>
<tr>
<td>WHP-T-180</td>
<td>STEEL TANK, 180 CU IN. 0.8 GAL</td>
<td>5</td>
<td>60.00</td>
</tr>
<tr>
<td>WHP-T-60</td>
<td>ALUMINUM TANK, 60 CU IN. 0.25 GAL</td>
<td>4</td>
<td>50.00</td>
</tr>
</tbody>
</table>