Heavy Duty Brass Swing-Out™ Valves

Akron Brass offers a wide variety of apparatus valves to meet the demands of today’s fire service. All Swing-Out Valves are designed for operating pressures of at least 250 psi (17 bar) and meet the NFPA 1901 Standard for valve opening and closing speed control when operated with a gear actuator, electric actuator or Slo-Cloz™. In addition, every valve is factory tested in accordance with current NFPA Standards.

- A single valve body that will accept a variety of actuators.
- HydroMax™ technology: A ball geometry providing superior gating performance and flow characteristics
- No lubrication or regular maintenance required
- Simple two seated design (no O-Rings to cut or lose during assembly or maintenance)
- Wide range of available adapters
- High quality brass body cast, machined and assembled at our facility in Wooster, Ohio
- Available in 1”- 4” sizes
- See Valve Guide on pages 158 - 167 for more details

1” and 1.5” Swing-Out Valves

Commonly used on smaller trucks and lower flow applications, the 1” and 1.5” Swing-Out valves are available with a wide range of adapters and are simple to install and maintain throughout the life of the apparatus.

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Ball Type</th>
<th>Operating Pressure (psi)</th>
<th>Hydrostatic Pressure (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8810</td>
<td>1”</td>
<td>Stainless Steel</td>
<td>500</td>
<td>1000</td>
</tr>
<tr>
<td>8910</td>
<td>1”</td>
<td>Polymer</td>
<td>500</td>
<td>1000</td>
</tr>
<tr>
<td>8815</td>
<td>1.5”</td>
<td>Stainless Steel</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>8915</td>
<td>1.5”</td>
<td>Polymer</td>
<td>250</td>
<td>500</td>
</tr>
</tbody>
</table>

Actuator Options

<table>
<thead>
<tr>
<th>Actuator Type</th>
<th>Available Lengths*</th>
<th>Available Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1</td>
<td>3 1/2&quot;, 1 or 2 holes</td>
<td></td>
</tr>
<tr>
<td>TS</td>
<td>5” or 8”</td>
<td>-</td>
</tr>
<tr>
<td>TSC</td>
<td>5” or 8”</td>
<td>-</td>
</tr>
</tbody>
</table>

*See valve guide in technical data section for more details
2" - 3.5" Swing-Out Valves

The 2" and larger Swing-Out valves are commonly used across all types of fire apparatus. With the broadest selection of adapters and options for actuation they have everything you need for your apparatus water flow control.

### Style Size Ball Type Operating Pressure (psi) Hydrostatic Pressure (psi)

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Ball Type</th>
<th>Operating Pressure (psi)</th>
<th>Hydrostatic Pressure (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8620/8820*</td>
<td>2&quot;</td>
<td>Stainless Steel</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>8920</td>
<td>2&quot;</td>
<td>Polymer</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>8625/8825*</td>
<td>2.5&quot;</td>
<td>Stainless Steel</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>8925</td>
<td>2.5&quot;</td>
<td>Polymer</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>8630/8830*</td>
<td>3&quot;</td>
<td>Stainless Steel</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>8930</td>
<td>3&quot;</td>
<td>Polymer</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>8635/8835#</td>
<td>3&quot;</td>
<td>Stainless Steel</td>
<td>250</td>
<td>500</td>
</tr>
<tr>
<td>8935#</td>
<td>3&quot;</td>
<td>Polymer</td>
<td>250</td>
<td>500</td>
</tr>
</tbody>
</table>

* 8600 series valves for use with Gear, Electric and Air Actuators
# 3.5" valves use the same body and ball as the 3" valves but include 3.5" adapters

### Actuator Options

<table>
<thead>
<tr>
<th>Actuator Type</th>
<th>Available Lengths*</th>
<th>Available Accessories</th>
<th>Compatible Style Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1</td>
<td>3.5&quot;, 4.5&quot;, 6.75&quot;, 1, 2 or 3 hole**</td>
<td>-</td>
<td>8800, 8900</td>
</tr>
<tr>
<td>TS</td>
<td>5&quot;, 7&quot;, 9 1/4&quot;, 11&quot;</td>
<td>-</td>
<td>8800, 8900</td>
</tr>
<tr>
<td>TSC</td>
<td>5&quot;, 7&quot;, 9 1/4&quot;, 11&quot;</td>
<td>-</td>
<td>8800, 8900</td>
</tr>
<tr>
<td>Rack and Sector †</td>
<td>-</td>
<td>-</td>
<td>8600, 8900</td>
</tr>
<tr>
<td>SZ</td>
<td>7&quot;, 9.25&quot;, 10.75&quot;</td>
<td>-</td>
<td>8600, 8900***</td>
</tr>
<tr>
<td>Gear</td>
<td>-</td>
<td>-</td>
<td>8600, 8900</td>
</tr>
<tr>
<td>Electric</td>
<td>-</td>
<td>-</td>
<td>8600, 8900</td>
</tr>
</tbody>
</table>

* See valve guide in technical data section for more details
**4.5" 3 hole handle standard for 2" valves, 6.75" 2 hole handle standard for 2.5" - 3.5" valves
***Available on 2.5" - 3.5" valves only
† Rack and sector body is unique to rack and sector assembly and not interchangeable and other actuators
4" Swing-Out Valves

8840 Heavy Duty 4" Swing-Out Valve With Flat Ball Design
- Designed for tank to pump use, deck gun or other higher flow applications
- Flat ball concept has spherical seating surface that easily closes and seals on the seat
- Use with air, gear or electric actuators
- Short 4" long body length. Can be used on side discharge applications and in restricted pump compartment space
- Easy-to-operate sealing system requires less torque to open and close the valve
- Reduced gear ratios:
  - Electric: 25:1 ratio - 8 seconds full open to close
  - Handwheel 50:1 ratio - 12 1/2 turns
- Weight: 36 lbs. (16.3 kg) (with electric actuator, less adapters)
- Wide range of available adapters (See pages 158-167)

8940 4" Swing-Out Valve
- Designed for tank to pump use, deck gun or other higher flow applications
- Air, gear or electric actuation only
- High performance full flow polymer ball
- Number of turns for full open/close of gear actuator: 16
Manual Actuators

- **R-1** Handle for remote valve operation of 8800 Series Swing-Out Valves
- **TS** Handle for direct valve operation through the panel operation of 8800 Series Swing-Out Valves
- **TSC** Handle with cover for exterior mounted 8800 Series Swing-Out Valves
  - Same as the TS handle, with cover
- **SZ** Handle with Twist Lock for direct valve operation through the panel of 8625-8635 Swing-Out Valves

Electric Actuators

Akron’s electric actuator is equipped with a magnet in the trunion to provide true position feedback. The motor, pressure, and flow sensor connections are all located right on the valve for shorter wire runs and simple installation. The electronics are fully sealed and utilize deutsch connectors for long life and reliability.

- Speed of valve opening and closing is preset to comply with the current NFPA 1901 Standard
- Operates on 12 or 24V apparatus electrical systems - Must specify
- Gear drive ratio:
  - 2” - 3 1/2" Swing-Out™ Valves - 16:1
  - Style 8840 - 25:1
  - Style 8940 and Butterfly Valves (4" - 8") - 64:1
  - Works with Weco, Keystone and Jamesbury Butterfly Valves
- Manual override

See page 159 for dimensions

Air Actuator

Air Actuators operate off the apparatus air supply and are equipped with an emergency override. Designed for full open/close applications only. Units are supplied with two air flow control valves to regulate the opening and closing valve speed to comply with the current NFPA 1901 Standard.

- Operates from -40°F to 125°F and requires 100-120 psi air pressure
- Available on 4” Swing-Out and all Butterfly Valves
- Solenoid and switch not included
Swing-Out™ Valve Accessories

**Rack and Sector Actuator**
Minimizes troublesome linkage problems associated with remote handles. The Rack and Sector Actuator is usable with most pumps (depending on pump panel width). Available on 2 1/2" - 3 1/2" valves.

- Two stroke lengths available:
  - 8 1/4" for 1", 1 1/2", and 2" valves
  - 11 1/4" for 2 1/2", 3, and 3 1/2" valves
- Optional ball joint assembly
- Weight: 2 lbs. (.9 kg)

1477    Push/Pull Remote Control with Recessed T-Handle
1478    Push/Pull Remote Control with Plain T-Handle

**Slo-Cloz™**
The Slo-Cloz reduces the chances of ruptured water lines, burst hose, or damaged seats and gaskets by controlling the opening and closing speed of the valve. The unit fits Tork-Lok® and current 2" - 3 1/2" locking and non-locking valves as well as valves with a Rack and Sector Actuator. Meets NFPA 1901.

- Use with 8620-8635 non-locking valves
- 2 1/4" - 3 1/2" valves with a Rack & Sector Actuator

1477    Slo-Cloz
1478    Slo-Cloz
- Use with 8820-8835 Tork-Lok and self locking valves

**Top-Mount Remote Control Actuator**
Designed for operating valves from top-mounted operators panel.

- Control handle positioned 90° from remote handle
- Additional pre-drilled hole for setting control handle at 135°
- Heavy-duty all brass brake band
- Cast brass construction with stainless steel handle rod
- Remote Handle Lengths- 3 1/2" (Style 101) & 5" (Style 102)

101    Top-Mount Remote Control
102    Top-Mount Remote Control

**Handwheel Actuators**
Handwheel Actuators are used for smooth, precise operation of valves such as on a deck gun, large diameter side discharge or ladder pipe.

- Handwheel driven worm gear rotates a gear sector for smooth and easy operation under pressure
- 2" - 3 1/4" valves have a 50:1 ratio and a 4" handwheel
- 8840 valves have a 50:1 ratio and a 6" handwheel
- Number of turns for full open/close:
  - 2" - 3 1/4" Swing-Out™ valves - 12 1/4" turns
- Opening and closing speed complies with the current NFPA standard to minimize effects of water hammer
- Helps prevent valve drift and accidental slamming open or closed
- Position Indicators for gear operated valve
- Optional Position Indicators show the valve position to meet NFPA 1901
  - Must specify landscape (side mount) or portrait (top mount)
  - Size: 3 1/4" x 5 1/4"
- Auxiliary Position Indicator - optional
### Navigator™ Pro Valve Controller

The Valve Controller from Akron Brass provides reliable and accurate valve control with valve position indication. It is packed with user friendly features that improve operation effectiveness and safety.

**9323 Electric Valve Controller**
- Valve open and close.
- Full color LCD display visible in bright sunlight.
- True position feedback from the valve.
- User programmable presets.
- Valve name and the discharge color can be programmed on the top bar of the display.
- USB port on-board. Software for display and motor driver can be easily updated via USB flash drive.
- Easy to navigate setup menu.
- Auto dimming capability.
- Multiple display capable. Multiple displays can be used to control the same valve.
- Auto open. When option is turned on and valve is closed, pressing the open button once will automatically open the valve all the way.
- J1939 CAN networked.
- For use only with Navigator Pro Electric Actuator.
  See page 80 & 81 for Actuator details.

**9325 Navigator Pro Controller**
All the same features as the 9323, plus the following:
- Optional pressure display. Can be displayed in psi, kPa or bar*.
- Optional flow display. Can be displayed in gpm or lpm*.
- Optional CAFS integration: turn CAFS on and off*.
- Make sure even the most turbulent of flows is accurate with available custom calibration. Now easier than ever to custom calibrate the flow sensor through an easy to navigate menu.
- Totalizer function. Controller will calculate the volume of water flowed through the paired valve. Resets every time the power is cycled to the valve. When networked with other 9325 controllers, total flow across all valves is shown.

* Available when flow, pressure or CAFS equipment installed.

### Lightweight Pyrolite Apparatus Swing-Out Valve

**7725 2 1/2” Lightweight Apparatus Swing-Out Valve**
- Ideal for use on aerial platforms
- Durable lightweight Pyrolite® construction
- Full flow 2 1/2" waterway
- Simple two seated design (no O-Rings to cut or lose during assembly or maintenance)
- No lubrication or regular maintenance required
- Designed & tested to exceed NFPA requirements
- Weight 9 1/3 lbs. (4.1 kg)

**Adapter Options:**
- M1-S 90° Elbow
- P1-S Female NPT
- M1-S Male
- F1-S Female Swivel
- F1-SS Female Swivel with Strainer
Revolution® Intake Valve

Featuring a unique patent-pending handwheel, the Revolution provides the operator more control and leverage for a smooth and easy operation. This revolutionary valve is constructed of corrosion-resistant, hard-anodized aluminum and stainless steel for superior corrosion protection.

Compact Design

Its compact design saves valuable space on your pump panel. The revolutionary handwheel design hugs tightly to the valve body eliminating possible interference with surrounding discharges and equipment on the pump panel.

Revolutionary Features

The Revolution has all of the standard features you would expect from an intake valve with flows capable up to 2000 gpm (7600 lpm) making it ideal for the most demanding apparatus intake applications.

- Field serviceable design
- NFPA 1901 compliant
- 10 year heavy duty warranty*

7982  Revolution Intake Valve with Swiveling Elbow

7983  Revolution Intake Valve without Swiveling Elbow

** Refer to the full warranty statement for complete details, Limited to manufacture defects and corrosion.

* Limited to Manufacturer Defect and Corrosion

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<table>
<thead>
<tr>
<th>Style</th>
<th>Inlet Options</th>
<th>Outlet Height</th>
<th>Depth</th>
<th>Width</th>
<th>Weight</th>
<th>Max Operating Pressure</th>
<th>Maximum Flow</th>
<th>Friction Loss (@ 2000 GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7982</td>
<td>4&quot;, 5&quot; or 6&quot; (100, 125 or 150 mm) Storz** 4&quot; or 5&quot; (100 or 125) Full Time Storz Swivel 4&quot;, 4 1/2&quot;, 5&quot; or 6&quot; (100, 110, 125 or 150 mm) Male 4&quot;, 4 1/2&quot; or 5&quot; (100, 110 or 125 mm) Female</td>
<td>12.3' (321 mm)</td>
<td>14.9' (382 mm)</td>
<td>14.25' (362 mm)</td>
<td>40 lbs. (18.2 kg)</td>
<td>250 psi (17 bar)</td>
<td>2000 GPM (7600 LPM)</td>
<td>7 PSI (.5 bar)</td>
</tr>
<tr>
<td>7983</td>
<td>4&quot;, 5&quot; or 6&quot; (100, 125 or 150 mm) Storz** 4&quot; or 5&quot; (100 or 125) Full Time Storz Swivel 4&quot;, 4 1/2&quot;, 5&quot; or 6&quot; (100, 110, 125 or 150 mm) Male 4&quot;, 4 1/2&quot; or 5&quot; (100, 110 or 125 mm) Female</td>
<td>12.3' (321 mm)</td>
<td>11.75' (300 mm)</td>
<td>38 lbs. (17.2 kg)</td>
<td>250 psi (17 bar)</td>
<td>2000 GPM (7600 LPM)</td>
<td>7 PSI (.5 bar)</td>
<td></td>
</tr>
</tbody>
</table>

* Cap and chain optional
** 6" only
Black Max Piston Intake Valve
7980  Black Max Piston Intake Valve
Corrosion resistant stainless steel and poly-impregnated aluminum are combined for a durable Piston Intake Valve. A large unique oval waterway increases efficiency while reducing the overall size. All this, plus a special 10 year warranty against corrosion makes the Black Max the obvious choice for today’s fire service.

Standard Features:
- Stainless steel piston housing
- Compact size - Extends only 11 15/16” from the pump panel
- 250 psi operating pressure
- Polymer Piston for improved corrosion resistance
- Large waterway with a cast-in turning vane for reduced turbulence and efficient flow
- Pressure relief valve adjustable from 50 - 250 psi (factory preset @ 150 psi)
- 53° elbow
- 1/4” air bleeder valve

Optional Features:
- Storz cap and chain
- Air bleeder lines

<table>
<thead>
<tr>
<th>Style</th>
<th>Female Swivel Inlet</th>
<th>Outlet</th>
<th>Height</th>
<th>Depth</th>
<th>Width</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>7980</td>
<td>4&quot;,5&quot; or 6&quot; (100, 125 or 150 mm) Storz*</td>
<td>5&quot; or 6&quot; (125 or 150 mm)</td>
<td>18 3/4&quot; (479.4 mm)</td>
<td>11 3/8&quot; (303.2 mm)</td>
<td>9 1/4&quot; (242.8 mm)</td>
<td>30 lbs. (13.6 kg)</td>
</tr>
</tbody>
</table>

* Cap and chain optional
** 6" only

Butterfly Valves

Optional Inlets & Outlets:
- Male
- Female NPT
- Female Swivel (Rocker lug or long handle)
- Victaulic
- Storz (Swivel standard on 4" & 5", 6" rigid only)

<table>
<thead>
<tr>
<th>Style</th>
<th>Size</th>
<th>Length</th>
<th>Weight lbs. (kg)**</th>
<th>Operating Pressure (PSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7940</td>
<td>4&quot; (101 mm)</td>
<td>9 3/4&quot; (241 mm)</td>
<td>21 1/4 (9.6 kg)</td>
<td>250</td>
</tr>
<tr>
<td>7945</td>
<td>4 1/2&quot; (114 mm)</td>
<td>9 3/4&quot; (248 mm)</td>
<td>27 1/4 (12.7 kg)</td>
<td>250</td>
</tr>
<tr>
<td>7950</td>
<td>5&quot; (125 mm)</td>
<td>10 1/2&quot; (254 mm)</td>
<td>28 1/2 (12.9 kg)</td>
<td>250</td>
</tr>
<tr>
<td>7960</td>
<td>6&quot; (152 mm)</td>
<td>10 1/2&quot; (254 mm)</td>
<td>35 1/4 (16.3 kg)</td>
<td>250</td>
</tr>
</tbody>
</table>

* Not compatible with position indicator
** Body weights and lengths with rocker lug female x male with handwheel actuator
**Intake Pressure Relief Valve**

**53 Intake Pressure Relief Valve**
For mounting on main pump intakes with a four bolt flange. Field adjustable pressure setting.

<table>
<thead>
<tr>
<th>Style</th>
<th>Outlet</th>
<th>Inlet Flange</th>
<th>Pressure Range</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>53</td>
<td>2.5” NPT</td>
<td>4 1/4”</td>
<td>50 - 175 PSI</td>
<td>14 1/4 lbs (6.5 kg)</td>
</tr>
<tr>
<td></td>
<td>2.5” NH</td>
<td>4 1/8”</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.5” VIC</td>
<td>4 3/8”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Factory set at 125 PSI

**Drain Valves**

**57 Quarter Turn Drain Valve**
- T-handle extends 2” from the panel for easy turning
- Available in 0° or 90° handle position - Must specify
- For hydrostatic pressures up to 500 psi
- 1/4” NPT threads
- Weight: 1 3/4 lbs. (.68 kg)

**4 Drainit Drain Valve**
- Small, compact drain valve
- 1/4” NPT male thread
- Opening equivalent to 3/8” diameter hole
- Length: 2 1/4”
- Weight: 10 oz. (.28 kg)

**7 3/4” Drain Valve**
- Push-pull valve for draining discharge, suction, or in-line valves
- For hydrostatic pressures up to 500 psi
- Brass handle shaft and body
- 1/4” NPT female inlet and outlet thread
- Weight: 1 1/4 lbs. (.57 kg)
Gate & Hydrant Valves

Gate Valves
A heavy-duty wedge seat gate valve with a non-rising stem and crank handle for easy operation at standard operating pressures.

285  2 1/2" Gate Valve - Brass
2285  2 1/2" Gate Valve - Pyrolite
2286  3 1/2" Gate Valve - Pyrolite
  • Less than 1 psi friction loss @ 1500 gpm

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Size</th>
<th>Length</th>
<th>Weight lbs.</th>
<th>Max Operating Pressure</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Number Of Turns</th>
</tr>
</thead>
<tbody>
<tr>
<td>285</td>
<td>Cast</td>
<td>2 1/2&quot;</td>
<td>5 1/2&quot;</td>
<td>11</td>
<td>250 PSI (17 bar)</td>
<td>2 1/2&quot; F (65 mm)</td>
<td>2 1/2&quot; M (65 mm)</td>
<td>5</td>
</tr>
<tr>
<td>2285</td>
<td>Pyrolite</td>
<td>2 1/2&quot;</td>
<td>5 1/2&quot;</td>
<td>4</td>
<td>250 PSI (17 bar)</td>
<td>2 1/2&quot; M (65 mm)</td>
<td>2 1/2&quot; M (65 mm)</td>
<td>21</td>
</tr>
<tr>
<td>2286</td>
<td>Pyrolite</td>
<td>3 1/2&quot;</td>
<td>7 1/2&quot;</td>
<td>10</td>
<td>250 PSI (17 bar)</td>
<td>3&quot; - 5&quot; F (75 - 125 mm)</td>
<td>3&quot; - 5&quot; M (75 - 125 mm)</td>
<td>31</td>
</tr>
</tbody>
</table>

Hydrant Valve
1828  2 1/2" Hydrant Valve
A full flow valve with a Tork-Lok® handle for more positive handle positioning.

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Size</th>
<th>Length</th>
<th>Weight lbs.</th>
<th>Max Operating Pressure</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Number Of Turns</th>
</tr>
</thead>
<tbody>
<tr>
<td>1828</td>
<td>Pyrolite</td>
<td>2 1/2&quot;</td>
<td>7 1/2&quot;</td>
<td>3.4</td>
<td>300 PSI (21 bar)</td>
<td>2 1/2&quot; F (65 mm)</td>
<td>2 1/2&quot; M (65 mm)</td>
<td></td>
</tr>
</tbody>
</table>

Hydrant Valve
627  4-Way Hydrant Valve
This valve allows you to provide water to the fire at hydrant pressure, while waiting for a second pumper to hook up and increase flow and pressure.
  • Flow efficient 3 1/2" waterway
  • 75 psi maximum pressure differential during changeover
  • 300 psi maximum operating pressure
  • 1000 gpm maximum flow when changing the ball position
  • Mounting bracket available

How It Works:
Step 1 - Attach the 4-Way Hydrant Valve to the hydrant and forward lay to the engine at fire scene.
Step 2 - Attach a hose from the 4-Way Hydrant Valve to the intake on the engine at the hydrant.
Step 3 - Attach a hose from the discharge on the engine at hydrant to the 4-Way Hydrant Valve inlet. Establish recirculating flow at hydrant pressure.
Step 4 - Rotate the handwheel on top of the 4 way Hydrant Valve to introduce pressurized flow from the engine at the hydrant to the engine at the fire scene. Increase pressure on the pumper to increase flow as required.

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Length</th>
<th>Width</th>
<th>Weight lbs.</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Flow GPM</th>
<th>Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>627</td>
<td>Pyrolite</td>
<td>13 1/4&quot;</td>
<td>13 1/4&quot;</td>
<td>42</td>
<td>2 1/2&quot;</td>
<td>2 1/2&quot;</td>
<td>1500</td>
<td>4&quot; - 6 threads or Rigid Storz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(349 mm)</td>
<td>(349 mm)</td>
<td>(19 kg)</td>
<td>3&quot; F (65 - 125 mm)</td>
<td>3&quot; F (65 - 125 mm)</td>
<td>3800</td>
<td>2 1/2&quot; - 6 (100 - 150 mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(2)</td>
<td>(2)</td>
<td></td>
<td>4&quot; - 5&quot; (100-125 mm) Rigid Storz</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 1/2&quot; - 6 (65-150 mm) threads or 4&quot; - 5&quot; (100-125 mm) Rigid Storz</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 1/2&quot; - 6 (65-150 mm) threads or 4&quot; - 5&quot; (100-125 mm) Rigid Storz</td>
</tr>
</tbody>
</table>

* Hydrant inlet 4" - 5" (100 - 125 mm) only
## Gated Wyes

**1482 Hydrant Wye**
- Self-locking Tork-Lok® handles for positive handle positioning

**1581 Leader Line Wye**
- Self-locking Tork-Lok® handles for positive handle positioning

**1582 Hydrant Wye**
- Self-locking Tork-Lok handles for positive handle positioning

**2580 1 1/2" Wye**
- High strength polymer handles

**2581 Leader Line Wye**
- High strength polymer handles

**2582 3-Way Hydrant Wye**
- Self-locking Tork-Lok handles for positive handle positioning

**2681 Leader Line Wye**
- High strength polymer handles & balls standard
- Optional metal handles & balls

### Style Material Length Width Weight lbs. (kg) Inlet Outlet

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Length</th>
<th>Width</th>
<th>Weight lbs. (kg)</th>
<th>Inlet</th>
<th>Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>1482</td>
<td>Brass</td>
<td>12&quot;</td>
<td>10&quot;</td>
<td>14.2 kg</td>
<td>2 1/2&quot;- 6&quot; F</td>
<td>(65-150 mm)</td>
</tr>
<tr>
<td>1581</td>
<td>Pyrolite</td>
<td>17&quot;</td>
<td>14&quot;</td>
<td>7.6 kg</td>
<td>2 1/2&quot; F</td>
<td>(65 mm)</td>
</tr>
<tr>
<td>1582</td>
<td>Pyrolite</td>
<td>14&quot;</td>
<td>12&quot;</td>
<td>7.6 kg</td>
<td>2 1/2&quot;- 6&quot; F</td>
<td>(65-150 mm)</td>
</tr>
<tr>
<td>2580</td>
<td>Pyrolite</td>
<td>15&quot;</td>
<td>11&quot;</td>
<td>5.4 kg</td>
<td>1 1/2&quot; F</td>
<td>(38 mm)</td>
</tr>
<tr>
<td>2581</td>
<td>Pyrolite</td>
<td>18&quot;</td>
<td>14&quot;</td>
<td>1.4 kg</td>
<td>2 1/2&quot; F</td>
<td>(65 mm)</td>
</tr>
<tr>
<td>2582</td>
<td>Pyrolite</td>
<td>20&quot;</td>
<td>16&quot;</td>
<td>11 kg</td>
<td>2 1/2&quot;- 6&quot; F</td>
<td>(65-150 mm)</td>
</tr>
<tr>
<td>2681</td>
<td>Brass</td>
<td>20&quot;</td>
<td>18&quot;</td>
<td>3.4 kg</td>
<td>2 1/2&quot; F</td>
<td>(65 mm)</td>
</tr>
</tbody>
</table>

*Weight with 4 1/2" (11.4 cm) inlet

### Plain Wye

**Style Material Length Width Weight lbs. (kg) Inlet Outlet**

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Length</th>
<th>Width</th>
<th>Weight lbs. (kg)</th>
<th>Inlet</th>
<th>Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>1260</td>
<td>Pyrolite</td>
<td>9&quot;</td>
<td>8&quot;</td>
<td>3.1 kg</td>
<td>2 1/2&quot; F</td>
<td>(65 mm)</td>
</tr>
</tbody>
</table>

### Water Thief

For extending 1 1/2" or 2 1/2" lines without interfering with the operation of other lines.

Includes Self-locking Tork-Lok handles for more positive handle positioning.

**Style Material Length Width Weight lbs. (kg) Inlet Outlet**

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Length</th>
<th>Width</th>
<th>Weight lbs. (kg)</th>
<th>Inlet</th>
<th>Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>1573</td>
<td>Pyrolite</td>
<td>9&quot;</td>
<td>10&quot;</td>
<td>5.4 kg</td>
<td>(2) 1 1/2&quot; M &amp; (1) 2 1/2&quot; M</td>
<td>(38 &amp; 65 mm)</td>
</tr>
</tbody>
</table>
### Clappered Siamese

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>Inlet</th>
<th>Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>262</td>
<td>Brass</td>
<td>7 1/4&quot;</td>
<td>9&quot;</td>
<td>14 1/2</td>
<td>(2) 2 1/2&quot; F</td>
<td>2 1/2&quot; or 3&quot; M</td>
</tr>
<tr>
<td>1256</td>
<td>Pyrolite</td>
<td>12 3/4&quot;</td>
<td>14 1/2&quot;</td>
<td>15 1/2</td>
<td>(3) 2 1/2&quot; F</td>
<td>2 1/2&quot; - 6&quot; M or F</td>
</tr>
<tr>
<td>1262</td>
<td>Pyrolite</td>
<td>8 3/4&quot;</td>
<td>9 1/2&quot;</td>
<td>7 1/2</td>
<td>(2) 2 1/2&quot; F</td>
<td>2 1/2&quot; or 3&quot; M</td>
</tr>
<tr>
<td>1267</td>
<td>Pyrolite</td>
<td>9 3/8&quot;</td>
<td>9 3/8&quot;</td>
<td>9 1/2</td>
<td>(2) 2 1/2&quot; F</td>
<td>2 1/2&quot; - 6&quot; F, 3 1/2&quot; - 6&quot; M, 4&quot; or 5&quot; Storz</td>
</tr>
</tbody>
</table>

*Weight with 4 1/2" (114 mm) outlet*

### Gated Siamese

Siamese with quarter-turn valves provide a positive shutoff and easier operation. All 2 1/2" swivel inlets are supplied with strainers.

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Length</th>
<th>Width</th>
<th>Weight</th>
<th>Inlet</th>
<th>Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>1583</td>
<td>Pyrolite</td>
<td>9 1/4&quot;</td>
<td>11 1/4&quot;</td>
<td>16</td>
<td>(2) 2 1/2&quot; F</td>
<td>2 1/2&quot; - 6&quot; F or M 4&quot; or 5&quot; Storz</td>
</tr>
<tr>
<td>2583</td>
<td>Pyrolite</td>
<td>11 1/4&quot;</td>
<td>16&quot;</td>
<td>26 1/8</td>
<td>(3) 2 1/2&quot; F</td>
<td>2 1/2&quot; - 6&quot; F or M 4&quot; or 5&quot; Storz</td>
</tr>
</tbody>
</table>

*Weight with 4 1/2" (114 mm) inlet*