The UltraJet combines the powerful punch of a true smooth bore and the widespread protection of a full fog. This nozzle simplifies fire ground operations with intuitive functionality, the ability to change patterns without shutting down and matching flows in all patterns, so there is no need to control pressure at the pump. Whether you prefer smooth bore or fog, the UltraJet incorporates the best of both worlds so you never have to compromise.

**Features**
- Open and close the bale handle to turn the water on or off
- Twist the bumper to change the flow pattern
- Operates like a fixed orifice nozzle
- Can be used with CAFS, premixed foam, portable eductors
- Low pressure operation at 50 psi (3 bar) reduces firefighter fatigue
- Flow Range 118 to 297 gpm (447 to 1124 lpm)
- Available in 1” (25 mm), 15/16” (24 mm), 7/8” (22 mm) and ¾” (19 mm) tip sizes
- Meets all NFPA requirements
- CE Certified (EN15182-2) when using ¾” smooth bore only
- 10 year warranty
- Standard Items include: black handle, black pistol grip, spinning teeth

**Additional Features**
- Etched tip for easy identification of flows
- Raised lug on bumper for easy pattern identification and enhanced bumper ergonomics
- Operates like a typical nozzle for minimal training
- Reflective labels and detents to assist in pattern identification
- Full grip textured bumper for stream pattern changes (smooth bore, narrow fog, wide fog)
- Patent Pending
- Handle opens or shuts off the flow of water
- Colored pistol grip handle available to complement crosslays
- Optional field removable pistol grip
- 1 ½” or 2 ½” (38 mm or 65 mm) standard NH inlets with optional inlets available (BIM, JIM, Storz, BSP, ZT)

NFPA 1964 COMPLIANT

ALL ULTRAJETS

* ¾” Tip Only

10 YEAR WARRANTY

1 1/2” or 2 1/2” (38 mm or 65 mm) standard NH inlets with optional inlets available (BIM, JIM, Storz, BSP, ZT)

Optional Storz Inlets

Optional BIM Inlets

Optional JIM Inlets

Optional BSP Inlets

Style 1820
1 1/2", 2 1/2" (38, 65 mm) UltraJet Nozzles

- Flow Range 118 to 297 gpm (447 to 1124 lpm)
- Available in 1" (25 mm), 5/8" (24 mm), 3/4" (22 mm) and 1/2" (19 mm) tip sizes
- Meets all NFPA requirements
- CE Certified (EN15182-2) when using 1/2" smooth bore only
- 1815 Tip Kits 1/4", 5/8", 3/4", 1", (19, 22, 24, 25 mm)
- Standard items include: black handle, black pistol grip, spinning teeth

1820 UltraJet Nozzle

<table>
<thead>
<tr>
<th>Style</th>
<th>Standard Inlet Sizes</th>
<th>Length</th>
<th>Weight</th>
<th>Tip Options</th>
<th>Teeth</th>
<th>Colored Pistol Grip and Bale Handle</th>
<th>Optional Inlets</th>
<th>Max Operating Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1820</td>
<td>1 1/2&quot;, 2 1/2&quot; (38, 65 mm)</td>
<td>12&quot; (305 mm)</td>
<td>6.2 lbs (2.8 kg)</td>
<td>3/4&quot;, 3/4&quot;, 5/8&quot;, 1&quot; (19, 22, 24, 25 mm)</td>
<td>Spinning Polymer</td>
<td>Standard is Black Field removable pistol grip if none is desired.</td>
<td>BIM, BIF, Storz, BSP, JIM, ZT</td>
<td>230 psi (16 bar)</td>
</tr>
</tbody>
</table>

* 3/4" (19 mm) tip is CE EN 15182-2 certified
See page 173 Technical Data section for performance details

<table>
<thead>
<tr>
<th>Pressure (psi)</th>
<th>Tip Size</th>
<th>1&quot; (25 mm)</th>
<th>5/8&quot; (24 mm)</th>
<th>3/4&quot; (22 mm)</th>
<th>1&quot; (19 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 psi (3.5 bar)</td>
<td>210 gpm (795 lpm)</td>
<td>184 gpm (700 lpm)</td>
<td>161 gpm (609 lpm)</td>
<td>118 gpm (447 lpm)</td>
<td></td>
</tr>
<tr>
<td>75 psi (5 bar)</td>
<td>257 gpm (973 lpm)</td>
<td>226 gpm (855 lpm)</td>
<td>197 gpm (746 lpm)</td>
<td>145 gpm (549 lpm)</td>
<td></td>
</tr>
<tr>
<td>87 psi (6 bar)</td>
<td>277 gpm (1048 lpm)</td>
<td>243 gpm (924 lpm)</td>
<td>212 gpm (802 lpm)</td>
<td>156 gpm * (590 lpm)</td>
<td></td>
</tr>
<tr>
<td>100 psi (7 bar)</td>
<td>297 gpm (1124 lpm)</td>
<td>261 gpm (988 lpm)</td>
<td>227 gpm (859 lpm)</td>
<td>167 gpm (632 lpm)</td>
<td></td>
</tr>
</tbody>
</table>

* 3/4" (19 mm) tip is CE EN 15182-2 certified

True Smooth Bore
Narrow Fog
Full NFPA Fog
The Akron® adjustable gallonage Turbojet nozzle is unmatched in today’s fire service for its flexibility and flow control. The Turbojet is a constant gallonage nozzle (flow remains the same in all patterns) with multiple flow settings for operator flow control. Use the Turbojet one time and it is easy to see why it’s the nozzle of choice by firefighters worldwide.

**Features:**
- Pattern Identification
- Simple to operate (quarter turn from straight stream to fog)
- Raised lug marks straight stream for limited visibility operations
- Easy to service & repair
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

**Features:**
- Ergonomic Bale Handle
- Raised Lug on the Selection Ring on 1" & 1 ½" (25 & 38 mm) Styles for Easier Flow Identification
- Raised Lug on the Bumper of all Styles for Easier Pattern Identification
- Multiple Flow Settings
- Computer Engineered Waterway
- Baffles Etched with Pressure psi & bar
- Spinning Teeth or Molded Teeth
- High Visibility Reflective Operating Labels
- Reduced Rotation from Fog to Straight Stream
- Flush Without Changing Pattern or Shutting Down
- With or Without Pistol Grip
- Pistol Grips and Handles Available in Various Colors!

**Features:**
- Lightweight Pyrolite® Construction
- 1", 1 ½", or 2 ½" (25, 38 or 65 mm) Full-Time Swivel Inlet
- Optional Storz Inlets
- Optional BIM Inlets
- Optional JIM Inlets
- Optional BSP Inlets

**Features:**
- Not every part number within a style number carries a certification. Contact Akron Brass customer service to verify specific nozzle certifications (example: NFPA 1964, FM, CE, SOLAS, MED).
Turbojet® Nozzles

1" (25 mm) Turbojet Nozzles
- Flow setting at 100 psi (7 bar) operating pressure, 87 psi (6 bar) optional
- Raised bumper lug for straight stream pattern identification
- Compatible with Quick-Attack® Foam Tube Style 790, See page 32
- 580 psi (40 bar) hydrostatic pressure
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

1701 Turbojet Nozzle
1702* Turbojet Nozzle with Pistol Grip
  - SOLAS & CE approved available (Must specify)
  - FM approved (Must specify)

1703 Turbojet Tip with 1 1/4" (38 mm) inlet
  - For use on Style 753 shutoff

1704 Turbojet Nozzle with Pistol Grip
  - Specify either 18-30 gpm or 13-23-30 gpm settings

1711 Turbojet Tip with 1 1/2" (38 mm) inlet
  - For use on Style 753 shutoff
  - Specify either 18-30 gpm (70-115 lpm) or 13-23-30 gpm (50-90-115 lpm) settings

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Flow Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1701</td>
<td>1&quot; (25 mm)</td>
<td>9 1/4&quot; (232 mm)</td>
<td>2 1/4 (1.1 kg)</td>
<td>13-25-40-60</td>
</tr>
<tr>
<td>1702</td>
<td>1&quot; (25 mm)</td>
<td>9 1/4&quot; (232 mm)</td>
<td>3 (1.4 kg)</td>
<td>13-25-40-60</td>
</tr>
<tr>
<td>1703</td>
<td>1 1/4&quot; (38 mm)</td>
<td>6 1/4&quot; (144 mm)</td>
<td>1 1/4 (8 kg)</td>
<td>13-25-40-60</td>
</tr>
<tr>
<td>1704</td>
<td>1&quot; (25 mm)</td>
<td>9 1/4&quot; (232 mm)</td>
<td>3 (1.4 kg)</td>
<td>18-30** 15-23-30**</td>
</tr>
<tr>
<td>1711</td>
<td>1 1/2&quot; (38 mm)</td>
<td>6 1/4&quot; (144 mm)</td>
<td>3 (1.7 kg)</td>
<td>18-30** 15-23-30**</td>
</tr>
</tbody>
</table>

1 1/2" (38 mm) Turbojet Nozzles
- 100 psi (7 bar) standard, 75 psi & 86 psi (5 & 6 bar) optional
- Compatible with Quick-Attack Foam Tube Style 792, See page 32
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

1714 Turbojet Tip
1715 Turbojet Nozzle
1716 Turbojet Breakapart Nozzle
  - Combination of Style 1717 tip with twist shutoff + Style 2115 shutoff
1717 Turbojet Tip with Twist Shutoff
1718 Turbojet Breakapart Nozzle with Pistol Grip
  - Combination of Style 1717 tip with twist shutoff + Style 2116 shutoff
1720* Turbojet Nozzle with Pistol Grip
  - SOLAS & CE approved (Must specify)
  - FM approved (Must specify)

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Flow Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1714</td>
<td>1 1/4&quot; (38 mm)</td>
<td>6 1/4&quot; (165 mm)</td>
<td>2 1/4 (1 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1715</td>
<td>1 1/4&quot; (38 mm)</td>
<td>9 1/4&quot; (232 mm)</td>
<td>3 (1.6 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1716</td>
<td>1 1/4&quot; (38 mm)</td>
<td>12&quot; (325 mm)</td>
<td>3 (1.7 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1717</td>
<td>1 1/2&quot; (38 mm)</td>
<td>7 1/4&quot; (175 mm)</td>
<td>2 1/4 (1 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1718</td>
<td>1 1/2&quot; (38 mm)</td>
<td>12&quot; (325 mm)</td>
<td>4 1/4 (1.9 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1720*</td>
<td>1 1/2&quot; (38 mm)</td>
<td>9 1/4&quot; (232 mm)</td>
<td>4 1/8 (1.8 kg)</td>
<td>30-60-95-125</td>
</tr>
</tbody>
</table>

1 1/2" (38 mm) 180° Fog Turbojet Nozzles
- Flow setting at 100 psi (7 bar) standard, 87 psi (6 bar) optional
- Fog pattern can be adjusted from straight stream to 180° for fog pattern
- SOLAS & CE approved (Must specify)
- Available in 2 1/2" (65 mm)
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

1772 180° Fog Turbojet with Pistol Grip
- Flow setting at 100 psi (7 bar) standard, 87 psi (6 bar) optional
- Fog pattern can be adjusted from straight stream to 180° for fog pattern
- SOLAS & CE approved (Must specify)
- Available in 2 1/2" (65 mm)
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

1772 180° Fog Turbojet with Pistol Grip
- Flow setting at 100 psi (7 bar) standard, 87 psi (6 bar) optional
- Fog pattern can be adjusted from straight stream to 180° for fog pattern
- SOLAS & CE approved (Must specify)
- Available in 2 1/2" (65 mm)
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

1 1/2" (38 mm) Turbojet Nozzles
- 100 psi (7 bar) standard, 75 psi & 86 psi (5 & 6 bar) optional
- Compatible with Quick-Attack Foam Tube Style 792, See page 32
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

1714 Turbojet Tip
1715 Turbojet Nozzle
1716 Turbojet Breakapart Nozzle
  - Combination of Style 1717 tip with twist shutoff + Style 2115 shutoff
1717 Turbojet Tip with Twist Shutoff
1718 Turbojet Breakapart Nozzle with Pistol Grip
  - Combination of Style 1717 tip with twist shutoff + Style 2116 shutoff
1720* Turbojet Nozzle with Pistol Grip
  - SOLAS & CE approved (Must specify)
  - FM approved (Must specify)

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Flow Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1714</td>
<td>1 1/4&quot; (38 mm)</td>
<td>6 1/4&quot; (165 mm)</td>
<td>2 1/4 (1 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1715</td>
<td>1 1/4&quot; (38 mm)</td>
<td>9 1/4&quot; (232 mm)</td>
<td>3 (1.6 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1716</td>
<td>1 1/4&quot; (38 mm)</td>
<td>12&quot; (325 mm)</td>
<td>3 (1.7 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1717</td>
<td>1 1/2&quot; (38 mm)</td>
<td>7 1/4&quot; (175 mm)</td>
<td>2 1/4 (1 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1718</td>
<td>1 1/2&quot; (38 mm)</td>
<td>12&quot; (325 mm)</td>
<td>4 1/4 (1.9 kg)</td>
<td>30-60-95-125</td>
</tr>
<tr>
<td>1720*</td>
<td>1 1/2&quot; (38 mm)</td>
<td>9 1/4&quot; (232 mm)</td>
<td>4 1/8 (1.8 kg)</td>
<td>30-60-95-125</td>
</tr>
</tbody>
</table>
Wide-Range Turbojet Nozzles

- Flow settings at 100 psi (7 bar) standard, 75 psi (5 bar) optional
- Compatible with Quick-Attack Foam Tube Style 796, See page 32
- Optional 2.5” (65 mm) inlet available upon request
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

1762 Wide-Range Turbojet Nozzle

1763* Wide-Range Turbojet Nozzle with Pistol Grip

1764 Wide-Range Turbojet Breakapart Nozzle
  - Combination of Style 1767 tip with twist shutoff + Style 2129 shutoff

1765 Wide-Range Turbojet Breakapart Nozzle with Pistol Grip
  - Combination of Style 1767 tip with twist shutoff + Style 2127 shutoff

1766 Wide-Range Turbojet Tip

1767 Wide-Range Turbojet Tip with Twist Shutoff

Mid-Range Turbojet Nozzles

- Flow settings at 100 psi (7 bar) standard, 75 psi (5 bar) optional
- Compatible with Quick-Attack Foam Tube Style 793, See page 32
- Optional 2.5” (65 mm) inlet available upon request
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

1722 Mid-Range Turbojet Nozzle

1723 Mid-Range Turbojet Nozzle with Pistol Grip

1724 Mid-Range Turbojet Tip with Twist Shutoff

1734 Mid-Range Turbojet Breakapart Nozzle
  - Combination of Style 1724 tip with twist shutoff + Style 2129 shutoff

1735 Mid-Range Turbojet Breakapart Nozzle with Pistol Grip
  - Combination of Style 1724 tip with twist shutoff + Style 2127 shutoff

1737 Mid-Range Turbojet Tip

### Style Swivel Inlet* Length Weight lbs. (kg) Flow Settings

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight</th>
<th>Flow Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1762</td>
<td>1/2” (38 mm)</td>
<td>11” (279 mm)</td>
<td>5 1/2 (2.4 kg)</td>
<td>30-95-125-150-200</td>
</tr>
<tr>
<td>1763**</td>
<td>1/2” (38 mm)</td>
<td>11” (279 mm)</td>
<td>5 1/2 (2.6 kg)</td>
<td>30-95-125-150-200</td>
</tr>
<tr>
<td>1764</td>
<td>1/2” (38 mm)</td>
<td>10 1/4” (267 mm)</td>
<td>5 1/2 (2.4 kg)</td>
<td>30-95-125-150-200</td>
</tr>
<tr>
<td>1765</td>
<td>1/2” (38 mm)</td>
<td>10 1/4” (267 mm)</td>
<td>5 1/2 (2.5 kg)</td>
<td>30-95-125-150-200</td>
</tr>
<tr>
<td>1766</td>
<td>1/2” (38 mm)</td>
<td>7 7/8” (190 mm)</td>
<td>3 3/8 (1.6 kg)</td>
<td>30-95-125-150-200</td>
</tr>
<tr>
<td>1767</td>
<td>1/2” (38 mm)</td>
<td>7 7/8” (190 mm)</td>
<td>3 3/8 (1.6 kg)</td>
<td>30-95-125-150-200</td>
</tr>
</tbody>
</table>

* FM Approved Styles 1763 100 psi (7 bar) rated pressure configuration
See page 174 Technical Data section for performance details

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Not every part number within a style number carries a certification. Contact Akron Brass customer service to verify specific nozzle certifications (example: NFPA 1964, FM, CE, SOLAS, MED).
High-Range Turbojet Nozzles

- Flow setting up to 250 gpm (950 lpm) at 100 psi (7 bar) standard, 75 psi (5 bar) optional
- Compatible with Quick-Attack Foam Tube Style 770, See page 32
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

<table>
<thead>
<tr>
<th>Style</th>
<th>Flow Settings</th>
<th>GPM</th>
<th>LPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1725</td>
<td>125-150-200-250</td>
<td>475-550-750-950</td>
<td></td>
</tr>
<tr>
<td>1726</td>
<td>125-150-200-250</td>
<td>475-550-750-950</td>
<td></td>
</tr>
<tr>
<td>1727</td>
<td>125-150-200-250</td>
<td>475-550-750-950</td>
<td></td>
</tr>
<tr>
<td>1728</td>
<td>125-150-200-250</td>
<td>475-550-750-950</td>
<td></td>
</tr>
<tr>
<td>1733*</td>
<td>125-150-200-250</td>
<td>475-550-750-950</td>
<td></td>
</tr>
<tr>
<td>1736</td>
<td>125-150-200-250</td>
<td>475-550-750-950</td>
<td></td>
</tr>
<tr>
<td>1738</td>
<td>125-150-200-250</td>
<td>475-550-750-950</td>
<td></td>
</tr>
<tr>
<td>1744</td>
<td>125-150-200-250</td>
<td>475-550-750-950</td>
<td></td>
</tr>
</tbody>
</table>

1 1/2" (38 mm) Industrial Turbojet Nozzles

- Brass construction
- All Industrial Turbojets are FM approved
- Flow setting at 100 psi (7 bar) operating pressure
- Compatible with Quick-Attack Foam Tube Style 791, See page 32
- Standard items include: black pistol grip, black bumper, spinning teeth

<table>
<thead>
<tr>
<th>Style</th>
<th>Flow Settings</th>
<th>GPM</th>
<th>LPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>3716</td>
<td>60-95-125</td>
<td>230-360-475</td>
<td></td>
</tr>
<tr>
<td>3721</td>
<td>60-95-125</td>
<td>230-360-475</td>
<td></td>
</tr>
</tbody>
</table>

2 1/2" (65 mm) Industrial Turbojet Nozzle

- Brass construction
- Flow setting at 100 psi (7 bar) operating pressure
- Compatible with Quick-Attack Foam Tube Style 797, See page 32
- Standard items include: black pistol grip, black bumper, spinning teeth

<table>
<thead>
<tr>
<th>Style</th>
<th>Flow Settings</th>
<th>GPM</th>
<th>LPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>3725</td>
<td>120-150-200-250</td>
<td>450-550-750-950</td>
<td></td>
</tr>
</tbody>
</table>

* FM Approved Styles 1733 100 psi (7 bar) rated pressure configuration
See page 174 Technical Data section for performance details

Not every part number within a style number carries a certification. Contact Akron Brass customer service to verify specific nozzle certifications (example: NFPA 1964, FM, CE, SOLAS, MED).
Akron® Assault Nozzles combine quality stream performance at a variety of pressures with the simplicity of a fixed orifice. It is one of the most versatile and easy to use nozzles in today’s fire service. Quality stream performance at a variety of pressures, combined with a durable and simple design.

**Features:**
- Better stream performance at pressures as low as 50 PSI (3.5 bar)
- Simplified nozzle training
- No recalibration required
- Low maintenance due to simple, durable design
- Pattern identification
- Easy to operate (quarter turn from straight stream to fog)
- Raised lug marks straight stream for limited visibility operations
- Easy to service & repair
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

Wide, dense fog delivers superior radiant heat protection...

Tight, hard-hitting straight stream for maximum reach and penetration...

Not every part number within a style number carries a certification. Contact Akron Brass customer service to verify specific nozzle certifications (example: NFPA 1964, FM, CE, SOLAS, MED).
# Assault™ Nozzles

## 1” (25 mm) Assault Nozzles
- Quick change pattern adjustment
- 100 psi (7 bar), optional 87 psi (6 bar) available
- 580 psi (40 bar) hydrostatic pressure
- Compatible with Quick-Attack Foam Tube Style 790 (4801-4805) Style 796 (4712-4713, 4512-4813), See page 32
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight (lbs. (kg))</th>
<th>Flow Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>4801</td>
<td>1” (25 mm)</td>
<td>8 1/2” (227 mm)</td>
<td>2 1/3 (1.3 kg)</td>
<td>13, 25 or 40 *</td>
</tr>
<tr>
<td>4802**</td>
<td>1” (25 mm)</td>
<td>8 1/2” (227 mm)</td>
<td>3 1/3 (1.5 kg)</td>
<td>13, 25 or 40 *</td>
</tr>
<tr>
<td>4803</td>
<td>1 1/3” (38 mm)</td>
<td>5 1/2” (146 mm)</td>
<td>2 1/3 (1.5 kg)</td>
<td>13, 25 or 40 *</td>
</tr>
<tr>
<td>4804</td>
<td>1” (25 mm)</td>
<td>6” (152 mm)</td>
<td>2 1/3 (1.5 kg)</td>
<td>13, 25 or 40 *</td>
</tr>
<tr>
<td>4812</td>
<td>1” (25 mm)</td>
<td>9 5/8” (244 mm)</td>
<td>4 1/3 (2.0 kg)</td>
<td>60</td>
</tr>
<tr>
<td>4813</td>
<td>1” (25 mm)</td>
<td>9 1/2” (244 mm)</td>
<td>4 1/3 (2.0 kg)</td>
<td>60</td>
</tr>
<tr>
<td>4814</td>
<td>1” (25 mm)</td>
<td>10 1/2” (267 mm)</td>
<td>4 5/8 (2.2 kg)</td>
<td>60</td>
</tr>
<tr>
<td>4815</td>
<td>1” (25 mm)</td>
<td>10 1/2” (267 mm)</td>
<td>4 5/8 (2.2 kg)</td>
<td>60</td>
</tr>
</tbody>
</table>

*Must specify flow option

** 4802 FM Approved at 100 psi (7 bar) rated pressure

See page 175 Technical Data section for performance details

## 1 1/2” (38mm) Assault Nozzles
- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart to right
- Compatible with Quick-Attack Foam Tube Style 796, See page 32
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight (lbs. (kg))</th>
<th>Flow Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>4714</td>
<td>1 1/2” (38 mm)</td>
<td>8 1/2” (213 mm)</td>
<td>3 1/2 (1.6 kg)</td>
<td>3/4, 1.0, 1.5</td>
</tr>
<tr>
<td>4816</td>
<td>1 1/2” (38 mm)</td>
<td>10 1/2” (267 mm)</td>
<td>4 1/2 (2.2 kg)</td>
<td>4/4/4 (2.2 kg)</td>
</tr>
<tr>
<td>4817</td>
<td>1 1/2” (38 mm)</td>
<td>6” (152 mm)</td>
<td>2 1/3 (1.5 kg)</td>
<td>13, 25 or 40 *</td>
</tr>
<tr>
<td>4818</td>
<td>1 1/2” (38 mm)</td>
<td>6 1/2” (165 mm)</td>
<td>2 1/3 (1.5 kg)</td>
<td>13, 25 or 40 *</td>
</tr>
<tr>
<td>4715</td>
<td>1 1/2” (38 mm)</td>
<td>10 1/2” (267 mm)</td>
<td>4 1/2 (2.2 kg)</td>
<td>4/4/4 (2.2 kg)</td>
</tr>
<tr>
<td>4716</td>
<td>1 1/2” (38 mm)</td>
<td>8 1/2” (213 mm)</td>
<td>3 1/2 (1.6 kg)</td>
<td>3/4, 1.0, 1.5</td>
</tr>
<tr>
<td>4819</td>
<td>1 1/2” (38 mm)</td>
<td>10 1/2” (267 mm)</td>
<td>4 1/2 (2.2 kg)</td>
<td>4/4/4 (2.2 kg)</td>
</tr>
<tr>
<td>4820*</td>
<td>1 1/2” (38 mm)</td>
<td>8” (203 mm)</td>
<td>2 1/3 (1.5 kg)</td>
<td>13, 25 or 40 *</td>
</tr>
<tr>
<td>4821</td>
<td>1 1/2” (38 mm)</td>
<td>10 3/8” (276 mm)</td>
<td>4 1/2 (2.2 kg)</td>
<td>4/4/4 (2.2 kg)</td>
</tr>
</tbody>
</table>

* All pressure/flow configurations with exception of < 150 gpm @75 psi (550 lpm @ 5 bar) are FM Approved

See page 175 Technical Data section for performance details

### Pressure & Flow Options For 1” Assault Nozzles

<table>
<thead>
<tr>
<th>NOZZLE PSI</th>
<th>230</th>
<th>360</th>
<th>475</th>
<th>550</th>
<th>660</th>
<th>750</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>42</td>
<td>78</td>
<td>102</td>
<td>122</td>
<td>143</td>
<td>141</td>
</tr>
<tr>
<td>75</td>
<td>52</td>
<td>95</td>
<td>125</td>
<td>145</td>
<td>165</td>
<td>163</td>
</tr>
<tr>
<td>100</td>
<td>60</td>
<td>110</td>
<td>144</td>
<td>165</td>
<td>185</td>
<td>183</td>
</tr>
</tbody>
</table>

### Pressure & Flow Options For 1 1/2” Assault Nozzles

<table>
<thead>
<tr>
<th>NOZZLE BAR</th>
<th>230</th>
<th>360</th>
<th>475</th>
<th>550</th>
<th>660</th>
<th>750</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>159</td>
<td>295</td>
<td>386</td>
<td>333</td>
<td>541</td>
<td>469</td>
</tr>
<tr>
<td>5</td>
<td>197</td>
<td>360</td>
<td>475</td>
<td>550</td>
<td>660</td>
<td>575</td>
</tr>
<tr>
<td>7</td>
<td>230</td>
<td>416</td>
<td>545</td>
<td>660</td>
<td>705</td>
<td>750</td>
</tr>
</tbody>
</table>

* Optional 6 bar available

Not every part number within a style number carries a certification. Contact Akron Brass customer service to verify specific nozzle certifications (example: NFPA 1964, FM, CE, SOLAS, MED).
Mid-Range Assault Nozzles

- New flows to match a smooth bore tip
- Quick change pattern adjustment
- Specify pressure and flow, see chart below
- Compatible with Quick-Attack Foam Tube Style 796, See page 32
- Optional 2.5" (65 mm) inlet available upon request
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

4862 Mid-Range Assault Nozzle

4863 Mid-Range Assault Nozzle with Pistol Grip

4864 Mid-Range Assault Breakapart Nozzle

- Combination of Style 4867 tip with twist shutoff + Style 2129 shutoff

4865 Mid-Range Assault Breakapart Nozzle with Pistol Grip

- Combination of Style 4867 tip with twist shutoff + Style 2127 shutoff

4866 Mid-Range Assault Tip

4867 Mid-Range Assault Tip with Twist Shutoff

### Pressure & Flow For Mid-Range Assault Nozzles

<table>
<thead>
<tr>
<th>NOZZLE PSI</th>
<th>150</th>
<th>150</th>
<th>150</th>
<th>150</th>
<th>150</th>
<th>150</th>
<th>150</th>
<th>150</th>
<th>150</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50</td>
<td>75</td>
<td>100</td>
<td>50</td>
<td>75</td>
<td>100</td>
<td>50</td>
<td>75</td>
<td>100</td>
</tr>
<tr>
<td>Actual GPM</td>
<td>175</td>
<td>214</td>
<td>218</td>
<td>247</td>
<td>210</td>
<td>175</td>
<td>214</td>
<td>247</td>
<td>210</td>
</tr>
</tbody>
</table>

* No baffle kits available. Factory set only. Not available on 2.5" (65mm) inlets.

### Pressure & Flow For Mid-Range Assault Nozzles

<table>
<thead>
<tr>
<th>NOZZLE BAR</th>
<th>3.5</th>
<th>3.5</th>
<th>3.5</th>
<th>3.5</th>
<th>3.5</th>
<th>3.5</th>
<th>3.5</th>
<th>3.5</th>
<th>3.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual LPM</td>
<td>150</td>
<td>184</td>
<td>212</td>
<td>214</td>
<td>212</td>
<td>212</td>
<td>212</td>
<td>212</td>
<td>212</td>
</tr>
</tbody>
</table>

* Optional 2.5" (65 mm) inlet available upon request.
High-Range Assault Nozzles

- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart below
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

4822 High-Range Assault Nozzle with Spinning Teeth
4722 High-Range Assault Nozzle Less Teeth
4823* High-Range Assault Nozzle with Pistol Grip and Spinning Teeth*
  • FM approved (Must specify)
4824 High-Range Assault Tip with Spinning Teeth
4724 High-Range Assault Tip Less Teeth
4825 High-Range Assault Nozzle with Spinning Teeth
4826* High-Range Assault Nozzle with Pistol Grip and Spinning Teeth*
  • FM approved (Must specify)
4726* High-Range Assault Nozzle with Pistol Grip Less Teeth
  • FM approved (Must specify)
4827 High-Range Assault Tip with Twist Shutoff and Spinning Teeth
4830 High-Range Assault Tip with Axial Playpipe
  • Combination of Style 4827 tip with twist shutoff + Style 2390 playpipe
4834 High-Range Assault Breakapart Nozzle with Pistol Grip
  • Combination of Style 4827 tip with twist shutoff + Style 2127 shutoff
4835 High-Range Assault Breakapart Nozzle
  • Combination Style 4827 tip with twist shutoff + Style 2129 shutoff
4836 High-Range Assault Breakapart Nozzle with Pistol Grip
  • Combination of Style 4827 tip with twist shutoff + Style 2126 shutoff
4837* High-Range Assault Tip with Twist Shutoff and Spinning Teeth*
  • FM approved (Must specify)
4838 High-Range Assault Breakapart Nozzle
  • Combination of Style 4827 tip with twist shutoff + Style 2125 shutoff

Not every part number within a style number carries a certification. Contact Akron Brass customer service to verify specific nozzle certifications (example: NFPA 1964, FM, CE, SOLAS, MED).
The patented Dual Shutoff SaberJet is a multi-purpose nozzle with both solid bore penetration and fog stream capability allowing you to flow both at the same time. The Dual Shutoff SaberJet can operate efficiently at pressures as low as 50 psi (3.5 bar) for reduced firefighter fatigue, or up to 100 psi (7 bar) for maximum flow. This versatile nozzle is well suited for multiple applications.

### 1 1/2" (38 mm) SaberJet DSO Nozzles
- Compatible with Quick-Attack Foam Tube Style 796, See page 32
- Standard items include: black handle, black pistol grip

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Tip Options</th>
<th>Fog at 100 PSI (7 bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1520</td>
<td>1 1/2&quot; (38 mm)</td>
<td>11&quot; (279 mm)</td>
<td>5 3/4 (2.9 kg)</td>
<td>3/4&quot;, 7/8&quot;, 5/8&quot;, 1&quot;*</td>
<td>95 360</td>
</tr>
</tbody>
</table>

* Must Specify
See page 174 Technical Data section for performance details

### Mid-Range SaberJet DSO Nozzles
- Compatible with Quick-Attack Foam Tube Style 793, See page 32
- Standard items include: black handle, black pistol grip

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Tip Options</th>
<th>Fog at 100 PSI (7 bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1523</td>
<td>1 1/2&quot; (38 mm)</td>
<td>11&quot; (279 mm)</td>
<td>6 1/2 (2.8 kg)</td>
<td>5/8&quot;, 3/4&quot;, 1&quot;*</td>
<td>135 510</td>
</tr>
</tbody>
</table>

* Must Specify
See page 174 Technical Data section for performance details

### High-Range SaberJet DSO Nozzles
- Compatible with Quick-Attack Foam Tube Style 793, See page 32
- SaberJet with 1 1/8" (29 mm) tip ideal for CAFS
- Standard items include: black handle, black pistol grip

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Tip Options</th>
<th>Fog at 100 PSI (7 bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1528</td>
<td>2 1/4&quot; or 1 1/2&quot; (65 or 38 mm)</td>
<td>11 1/4&quot; (295 mm)</td>
<td>6 1/4 (2.9 kg)</td>
<td>1 1/8&quot; (29 mm)</td>
<td>135 510</td>
</tr>
</tbody>
</table>

* Must Specify
See page 174 Technical Data section for performance details
SaberJet™ Dual Shutoff Nozzles
ProVenger® Nozzles
ProVenger® Nozzles

The ProVenger family of handline nozzles combines years of design and manufacturing experience with superior performance and dependability; all at an unbeatable value. This global nozzle series can help you perform your job effectively and efficiently without sacrificing performance or your budget.

The ProVenger FG (fixed gallonage) nozzles offer a variety of pressures with the simplicity of a fixed orifice. The simple, rugged design is smooth-to-operate delivering a constant flow, hard-hitting straight stream. The ProVenger SG (selectable gallonage) nozzles are optimized from fog to straight stream with various flow settings for frontline flow control. The ProVenger SG’s design gives the nozzleman flexibility to change the flow and reach depending on the situation. Low flow options, starting at 5 gpm (19 lpm), are available within the 1” (25 mm) ProVenger line. The new, lower flows aid firefighters in regulating the amount of water needed to extinguish various fires. The 1” (25 mm) nozzles are perfect for wildland and gas cooling applications.

Features:
- Great stream quality
- Lightweight fog and straight stream nozzle with multiple fixed or constant gallonage settings
- Raised indicator lug on the bumper for easy pattern identification
- Quickly adjust from straight stream to full fog
- Integrated control ring provides the ability to flush the nozzle without shutting down or changing stream patterns
- Only available with black pistol grip, bale handle and bumper
- Compatible with ProVenger Quick-Attack™ Foam Tubes - See page 32
- Removable pistol grip
- Standard items include: black handle, black pistol grip, black bumper, spinning teeth

1” (25 mm) ProVenger Nozzles

1602  ProVenger SG Nozzle with Pistol Grip and Spinning Teeth

1 1/2” (38 mm) ProVenger Nozzles
- FM approved (Must specify)

1616  ProVenger SG Nozzle with Pistol Grip and Spinning Teeth
4116  ProVenger FG Nozzle with Pistol Grip & Spinning Teeth

<table>
<thead>
<tr>
<th>Style</th>
<th>Gallonage</th>
<th>pistol Grip</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Flow Setting**</th>
<th>Max Operating Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1602</td>
<td>Selectable</td>
<td>YES</td>
<td>1” (25.4 mm)</td>
<td>9 3/4” (235 mm)</td>
<td>1 (1.4 kg)</td>
<td>5-10-20-40 @ 75, 87 or 100 psi</td>
<td>230 psi (16 bar)</td>
</tr>
<tr>
<td>1616*</td>
<td>Selectable</td>
<td>YES</td>
<td>1 1/2” or 2 2/3” (38 or 65 mm)</td>
<td>10 5/8” (267 mm)</td>
<td>4.3 (2 kg)</td>
<td>30-60-95-125-150 @ 75, 87 or 100 psi</td>
<td>230 psi (16 bar)</td>
</tr>
<tr>
<td>4116*</td>
<td>Fixed</td>
<td>YES</td>
<td>1 1/2” or 2 2/3” (38 or 65 mm)</td>
<td>10 5/8” (267 mm)</td>
<td>4.8 (1.8 kg)</td>
<td>60-95-125-150 @ 75, 87 or 100 psi</td>
<td>230 psi (16 bar)</td>
</tr>
</tbody>
</table>

* FM Approved (Must specify)

See page 173 Technical Data section for performance details
### Axial Playpipes With Tips
Combination of a playpipe with plain, stacked or threaded tips for direct connection to a 2 1/2” (65 mm) hose line. Playpipes have a shutoff between the handle and a full-time swivel base for easy handling.

- Standard Item Include: black handle

<table>
<thead>
<tr>
<th>Style</th>
<th>Finish</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Orifices</th>
<th>Threads</th>
<th>Combination</th>
<th>Shutoff Waterway Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>2393</td>
<td>Pyrolite</td>
<td>18 1/8” (467 mm)</td>
<td>6 1/4” (7.5 kg)</td>
<td>1 1/4”, 1 1/2”, 1 1/2” (25, 29, 32 mm)</td>
<td>-</td>
<td>2 1/2” (65 mm)</td>
<td>1 1/2” (38 mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Threads</th>
<th>Shutoff Waterway Size</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>2393</td>
<td>10 1/2” (267 mm)</td>
<td>5 1/2” (2.5 kg)</td>
<td>2 1/2” (65 mm)</td>
<td>1 1/2” (38 mm)</td>
<td>Pyrolite®</td>
</tr>
</tbody>
</table>

### Playpipes With Shutoff
Rugged compact design for better balance and durability with dual handle stops on the shutoff.

- Standard Item Include: black handle

<table>
<thead>
<tr>
<th>Style</th>
<th>Length (mm)</th>
<th>Weight (kg)</th>
<th>Threads</th>
<th>Shutoff Waterway Size</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>2390</td>
<td>121 (4 3/4”)</td>
<td>1.9 (4 1/4”)</td>
<td>1 1/2” (38 mm)</td>
<td>1 1/2” (38 mm)</td>
<td>Cast</td>
</tr>
</tbody>
</table>

### Brass Shutoff
Full-time restricted swivel base ensures the handle can be positioned for easy operation.

- Standard Item Include: black handle
Saber™ Shutoffs With Integral Tip
Lightweight ball shutoff with an integral straight bore tip.
- Standard items include: black handle, black pistol grip

Pyrolite Shutoffs
Tough, lightweight ball shutoffs with a full-time swivel base ensures the handle can be positioned for easy operation.
- Standard items include: black handle, black pistol grip

<table>
<thead>
<tr>
<th>Style</th>
<th>Pistol Grip</th>
<th>Finish</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Orifices</th>
<th>Threads</th>
<th>Shutoff Waterway Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>2101</td>
<td>Pyrolite</td>
<td>4 1/2  (114 mm)</td>
<td>1/4 (7 kg)</td>
<td>1/4 (25 mm)</td>
<td>3/8 (38 mm)</td>
<td>1/4 (38 mm)</td>
<td>1/4 (29 mm)</td>
</tr>
<tr>
<td>2102</td>
<td>Pyrolite</td>
<td>4 1/2  (114 mm)</td>
<td>1/4 (7 kg)</td>
<td>1/4 (25 mm)</td>
<td>3/8 (38 mm)</td>
<td>1/4 (38 mm)</td>
<td>1/4 (29 mm)</td>
</tr>
<tr>
<td>2108</td>
<td>Pyrolite</td>
<td>4 1/2  (114 mm)</td>
<td>1/4 (7 kg)</td>
<td>1/4 (25 mm)</td>
<td>3/8 (38 mm)</td>
<td>1/4 (38 mm)</td>
<td>1/4 (29 mm)</td>
</tr>
<tr>
<td>2115</td>
<td>Pyrolite</td>
<td>4 1/2  (114 mm)</td>
<td>1/4 (7 kg)</td>
<td>1/4 (25 mm)</td>
<td>3/8 (38 mm)</td>
<td>1/4 (38 mm)</td>
<td>1/4 (29 mm)</td>
</tr>
<tr>
<td>2116</td>
<td>Pyrolite</td>
<td>4 1/2  (114 mm)</td>
<td>1/4 (7 kg)</td>
<td>1/4 (25 mm)</td>
<td>3/8 (38 mm)</td>
<td>1/4 (38 mm)</td>
<td>1/4 (29 mm)</td>
</tr>
</tbody>
</table>

Pyrolite® Shutoffs With Dual Stacked Tips
Lightweight ball shutoff with Style 439 tips for use where a fog nozzle is not required. Base tip has a female thread on the outlet for added protection and durability.
- Standard items include: black handle, black pistol grip

Blitz Tips
Pyrolite shutoff with pistol grip and straight tip for high volume low pressure operation. Nearly 400 gpm (1500 lpm) at 50 psi (3.5 bar).
- Standard items include: black handle, black pistol grip
Straight Tips

416 1 1/2" (38 mm) Thread Tip
- Now available in Pyrolite®
- Integrated Thread Protector
- Protective rubber bumper
- 1 1/8" (28.6 mm) standard orifice (see chart below for orifice options)

417 1 1/2" (38 mm) Plain Tip
- Protective rubber bumper
- 1 1/8" (28.6 mm) standard orifice (see chart below for orifice options)

438 1 1/2" (38 mm) Plain Tip
- Protective rubber bumper
- 1 1/8" (13 mm) standard orifice (see chart below for orifice options)

489 Plain Deluge Tip
- 2 1/2" (65 mm) Inlet
  - 1 1/8" (13 mm) standard orifice (see chart below for orifice options)
- 3" (75 mm) Inlet
  - 2" (52 mm) standard orifice (see chart below for orifice options)

1410 1" (25 mm) Plain Tip
- 1/2" (9.5 mm) standard orifice (see chart below for orifice options)

1417 1 1/2" (38 mm) Plain Tip
- 3/8" (22 mm) standard orifice (see chart below for orifice options)

1499 1 1/2" (38 mm) Plain Tip
- 1 1/8" (35 mm) standard orifice (see chart below for orifice options)

---

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Orifices</th>
<th>Threads</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td>Optional</td>
<td></td>
</tr>
<tr>
<td>416</td>
<td>6&quot; (152 mm)</td>
<td>2 1/8 (1.2 kg)</td>
<td>1 1/8&quot; (29 mm)</td>
<td>1/2&quot;, 5/8&quot;, 1 1/8&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; (19, 22, 25, 32 mm)</td>
<td>1 1/8&quot; X 1 1/8&quot; (38 x 38 mm)</td>
</tr>
<tr>
<td>417</td>
<td>6&quot; (152 mm)</td>
<td>2 (1.9 kg)</td>
<td>1 1/8&quot; (29 mm)</td>
<td>1/2&quot;, 5/8&quot;, 1 1/8&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; (19, 22, 25, 32 mm)</td>
<td>1 1/8&quot; (38 mm)</td>
</tr>
<tr>
<td>438</td>
<td>4 1/2&quot; (111 mm)</td>
<td>1 1/8 (6 kg)</td>
<td>1/2&quot; (13 mm)</td>
<td>1/2&quot;, 5/8&quot;, 1 1/8&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; (9, 13, 16, 19, 24, 25, 29, 32, 35, 44, 50 mm)</td>
<td>2 1/2&quot; (65 mm)</td>
</tr>
<tr>
<td>489</td>
<td>9&quot; (229 mm)</td>
<td>3-brass (1.4 kg)</td>
<td>1 1/8&quot; (38 mm)</td>
<td>1/2&quot;, 5/8&quot;, 1 1/8&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; (22, 24, 25, 29, 32, 35, 44, 50 mm)</td>
<td>2 1/2&quot; (65 mm)</td>
</tr>
<tr>
<td>489</td>
<td>10 1/2&quot; (267 mm)</td>
<td>5-brass (2.3 kg)</td>
<td>1/8&quot; (10 mm)</td>
<td>1/2&quot;, 5/8&quot;, 1 1/8&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; (44, 57, 65 mm)</td>
<td>3&quot; NPSH (75 mm)</td>
</tr>
<tr>
<td>1410</td>
<td>4 1/2&quot; (114 mm)</td>
<td>1/2&quot; (2 kg)</td>
<td>1/2&quot; (16 mm)</td>
<td>1/2&quot; (16 mm)</td>
<td>1&quot; (25 mm)</td>
</tr>
<tr>
<td>1417</td>
<td>3 1/4&quot; (95 mm)</td>
<td>1/8&quot; (3 kg)</td>
<td>1/2&quot; (22 mm)</td>
<td>1/2&quot;, 3/4&quot;, 1 1/8&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; (9, 13, 16, 19, 24, 25, 29, 32 mm)</td>
<td>1 1/8&quot; (38 mm)</td>
</tr>
<tr>
<td>1499*</td>
<td>5&quot; (127 mm)</td>
<td>1/8&quot; (3 kg)</td>
<td>1 1/8&quot; (35 mm)</td>
<td>1/2&quot;, 3/4&quot;, 1 1/8&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; (22, 24, 25, 29, 30, 32 mm)</td>
<td>1 1/2&quot; NH (38 mm)</td>
</tr>
</tbody>
</table>

* Available with set screw for permanent attachment - Must Specify
◊ 1/8" tip NH thread only
Discharge Pipes
Designed with built-in fins to maximize reach on any monitor.

- Cast, chrome or Pyrolite®

Mini Stream Shapers
- One piece extruded aluminum for extreme durability
- Tapered fins for improved stream performance
- 2 1/2" (52 mm) and 3 1/2" (89 mm) shapers have offset fins for improved stream performance.
- Style 485 is in cast brass

Stacked Tips

<table>
<thead>
<tr>
<th>Style</th>
<th>Finish</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Orifices</th>
<th>Threads</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard Optional Base Middle Top</td>
<td></td>
</tr>
<tr>
<td>439</td>
<td>Pyrolite</td>
<td>6 3/4&quot; (168 mm)</td>
<td>7/8 (3 kg)</td>
<td>1 1/2 X 1 1/2&quot; or 1 1/2 X 1 1/2&quot; (24 x 13 or 29 x 13 mm)</td>
<td>1 1/2 NH (38 mm) - 1 1/4 NH (25 mm)</td>
</tr>
<tr>
<td>1420</td>
<td>Pyrolite</td>
<td>8 3/4&quot; (210 mm)</td>
<td>1 1/2 (5 kg)</td>
<td>1 1/2 X 1 1/2&quot; X 1 1/2&quot; (25 x 29 x 32 mm)</td>
<td>1 1/4 NH (38 mm) - 1 1/4 NH (25 mm)</td>
</tr>
<tr>
<td>2420</td>
<td>Pyrolite</td>
<td>9 3/4&quot; (244 mm)</td>
<td>1&quot; (7 kg)</td>
<td>1&quot; X 1 1/2&quot; X 1 1/2&quot; (25 x 32 x 35 mm)</td>
<td>1&quot; X 1 1/2&quot; X 1 1/2&quot; (25 x 29 x 32 mm) - 2&quot; NH (65 mm)</td>
</tr>
<tr>
<td>2498</td>
<td>Chrome*</td>
<td>14 1/2&quot; (394 mm)</td>
<td>2 1/2 (13 kg)</td>
<td>1&quot; X 1 1/2&quot; X 1 1/4&quot; (38 x 44 x 50 mm)</td>
<td>1&quot; X 1 1/2&quot; X 1 1/4&quot; (38 x 44 x 50 mm) - 2&quot; NH (50 mm)</td>
</tr>
<tr>
<td>2499</td>
<td>Pyrolite</td>
<td>16 1/2&quot; (429 mm)</td>
<td>2 1/4 (13 kg)</td>
<td>1 1/4 X 1 1/2&quot; X 1 1/2&quot; (35 x 38 x 44 x 50 mm)</td>
<td>2&quot; X 2 1/2&quot; X 2 1/2&quot; (57 x 65 x 70 mm)</td>
</tr>
<tr>
<td>3499</td>
<td>Pyrolite</td>
<td>19 1/2&quot; (495 mm)</td>
<td>7/32 (3 kg)</td>
<td>2 1/8 X 2 1/2&quot; X 2 1/4&quot; (57 x 65 x 70 mm)</td>
<td>2 1/8 X 2 1/4&quot; (51 x 57 x 65 mm)</td>
</tr>
</tbody>
</table>

* Chrome plated Aluminum
**Top Tip with 2 1/2" NH Male Thread
**Pistol Grips & Handles**

**Pistol Grip:**
This unique design features comfort pad added to the pistol grip providing extra cushioning to the hand for reduced muscle fatigue.

**Handle:**
- Handling – The handle features contoured corners and a unique curve upward when in the open position providing improved grip and easier access to shut off the nozzle.
- Storage space – The handles curved forward design streamlines the nozzle while reducing the overall height taking up less crosslay and cabinet space.
- Strength – The "I Beam" design accompanied by larger trunnion hubs provides superior strength and durability.

**Pistol Grips**

<table>
<thead>
<tr>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black (Standard)</td>
<td>718233</td>
</tr>
<tr>
<td>Gray</td>
<td>718240</td>
</tr>
<tr>
<td>Red</td>
<td>718236</td>
</tr>
<tr>
<td>Orange</td>
<td>718238</td>
</tr>
<tr>
<td>Purple</td>
<td>718279</td>
</tr>
<tr>
<td>Blue</td>
<td>718237</td>
</tr>
<tr>
<td>White</td>
<td>718234</td>
</tr>
<tr>
<td>Green</td>
<td>718239</td>
</tr>
<tr>
<td>Yellow</td>
<td>718235</td>
</tr>
</tbody>
</table>

**Bale Handle Options Including Roll Pins**

<table>
<thead>
<tr>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black (Standard)</td>
<td>90010001 90020001</td>
</tr>
<tr>
<td>Gray</td>
<td>90010004 90020004</td>
</tr>
<tr>
<td>Red</td>
<td>90010003 90020003</td>
</tr>
<tr>
<td>Orange</td>
<td>90010006 90020006</td>
</tr>
<tr>
<td>Purple</td>
<td>90010011 90020011</td>
</tr>
<tr>
<td>Blue</td>
<td>90010007 90020007</td>
</tr>
<tr>
<td>White</td>
<td>90010008 90020008</td>
</tr>
<tr>
<td>Green</td>
<td>90010005 90020005</td>
</tr>
<tr>
<td>Yellow</td>
<td>90010002 90020002</td>
</tr>
<tr>
<td>Metal Bale Option</td>
<td>- 122551</td>
</tr>
</tbody>
</table>

**Colored Bumpers**
- Black (Standard)
- Green
- Red
- Blue
- Yellow
- Gray
- Orange
- White

**NOTE:** Unless specified, nozzles will be shipped with Black Handles, Bumpers and Pistol Grips. When ordering replacements, specify nozzle style number. Contact Customer Care for additional information.
Forestry/Wildland Nozzles
Small lightweight nozzles designed for the rugged simplicity needed for forestry/wildland applications.

1030 Forestry Nozzle
A dual flow adjustable pattern nozzle with a simple twist operation allows you to switch to the following settings:
• 100 psi (7 bar) setting
• Off
• Low flow straight stream
• Low flow narrow fog
• High flow straight stream
• High flow fog

1700 Bush Nozzle
• 100 psi (7 bar) setting
• A three flow setting adjustable pattern nozzle with the flow control and off settings
• Easy to operate control ring
• Adjustable pattern from straight stream to fog at any flow.
• Quarter turn, quick action pattern change
• 10 year warranty
• NFPA compliant
• Maximum operating pressure 250 psi (17.5 bar)

<table>
<thead>
<tr>
<th>Style</th>
<th>Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>1030</td>
<td>1&quot; (25 mm)</td>
<td>4&quot; (102 mm)</td>
<td>1/2 (2 kg)</td>
<td>10 - 30 38 - 115</td>
</tr>
<tr>
<td>1700</td>
<td>1&quot; (25 mm)</td>
<td>6 3/4&quot; (153 mm)</td>
<td>2 (9 kg)</td>
<td>Mop (8)-15-30 Mop (30)-60-115</td>
</tr>
</tbody>
</table>

Zero Torque™
The Zero Torque (ZT) nozzle is the first nozzle specifically designed with ergonomics, handling, control and reduced firefighter fatigue in mind. The ZT naturally keeps the nozzle out in front of the firefighter to allow for easier operation and provide better control. In addition the pistol grip and inlet swivel are positioned to eliminate the reaction force torque found in all conventional pistol grip designs. Conventional pistol grip nozzles are held at a position 3 1/2" to 4" (89 to 100 mm) below the center line of discharge, creating a natural torque which must be resisted by the firefighter. The ZT is positioned to eliminate the torque, leaving only the straight reaction force for the firefighter to resist.

The ZT is available on any 1 1/2" (38 mm), Mid-Range, Wide-Range, and 2 1/2" (65 mm) Turbojet, SaberJet, Assault or Ultrajet nozzle. It is also available on Style 2125, 2129, 2430 and 2432 shutoffs with or without integrated stream shaper.

To order, simply specify your choice of 1 1/2" (38 mm), Wide-Range, Mid-Range, or 2 1/2" (65 mm) non-pistol grip Style and add “with ZT”.
For example: Style 1715 w/ZT, or Style 4862 w/ZT.

- Standard items include: black pistol grip
Ultra High Pressure Handline Nozzle

The Ultra High Pressure handline nozzle is designed to operate at pressures as high as 1500 psi (103 bar). It is the perfect nozzle for delivering ultra-fine water droplets at high velocity. In addition, this nozzle handles these pressures with a bale shutoff that opens and closes with no more force than your standard firefighting nozzle.

**4808 Ultra High Pressure Handline Nozzle**
- Swivel: 1” (25 mm) NH Inlet
- Length: 7.5” (190.5 mm)
- Weight: 3.2 lbs (1.45 kg)
- Maximum Pressure: 1500 psi (103 bar) - Must Specify
- Flow Range: 15 - 30 GPM (75 - 115 LPM) - Must Specify
- Standard items include: black handle, black pistol grip, black bumper

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Weight (lbs.) (kg)</th>
<th>Flow Range</th>
</tr>
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<tbody>
<tr>
<td>4808</td>
<td>1” (25 mm)</td>
<td>7 1/4” (194 mm)</td>
<td>3.2 (1.45 kg)</td>
<td>15-30* 75-115</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Must Specify

Brass Fog Nozzles

A combination fog and straight stream nozzle designed for efficiency with foam or water on offshore rigs and in industrial applications.

- Molded teeth
- Constant gallonage in fog and straight stream patterns
- Flush without shutting down
- Repair kits available
- Compatible with 794 Quick Attack™ Foam Tube for Styles 3015-3021, see page 32
- Standard items include: black handle, black pistol grip, black bumper

<table>
<thead>
<tr>
<th>Style</th>
<th>Inlet</th>
<th>Length</th>
<th>Weight (lbs.) (kg)</th>
<th>Flow At 100 Psi</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GPM  LPM  Grip</td>
</tr>
<tr>
<td>3015</td>
<td>1 1/4” (38 mm)</td>
<td>8 1/4” (219 mm)</td>
<td>7 1/4” (3.2 kg)</td>
<td>95  360  -</td>
</tr>
<tr>
<td>3016</td>
<td>1 1/4” (38 mm)</td>
<td>8 1/4” (219 mm)</td>
<td>7 1/4” (3.2 kg)</td>
<td>125 475  -</td>
</tr>
<tr>
<td>3019</td>
<td>1 1/4” (38 mm)</td>
<td>8 1/4” (219 mm)</td>
<td>7 1/4” (3.5 kg)</td>
<td>95  360  YES</td>
</tr>
<tr>
<td>3021</td>
<td>1 1/4” (38 mm)</td>
<td>8 1/4” (219 mm)</td>
<td>7 1/4” (3.5 kg)</td>
<td>125 475  YES</td>
</tr>
<tr>
<td>3025</td>
<td>2 3/4” (65 mm)</td>
<td>10” (254 mm)</td>
<td>13 (5.9 kg)</td>
<td>250 950  -</td>
</tr>
</tbody>
</table>
Brass Cellar Nozzles
- For attacking fires in hard-to-reach places
- Ball bearing revolving action

**535** 2 1/2” (65 mm) Cellar Nozzle
- 9 variable angle orifices: (3) 3/8” (9.5 mm) and (6) 5/32” (10.3 mm)
- Meets Insurance Services Office (ISO) requirements

**536** 1 1/8” (38 mm) Cellar Nozzle
- 6 variable angle orifices: (3) 1/4” (6.3 mm) and (3) 1/8” (8.0 mm)

<table>
<thead>
<tr>
<th>Style</th>
<th>Inlet</th>
<th>Length</th>
<th>Weight (lbs. (kg))</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GPM</td>
</tr>
<tr>
<td>535</td>
<td>2 1/2” (65 mm)</td>
<td>5 1/4” (130 mm)</td>
<td>4 1/2 (2.0 kg)</td>
<td>250</td>
</tr>
<tr>
<td>536</td>
<td>1 1/8” (38 mm)</td>
<td>3 1/2” (89 mm)</td>
<td>4 1/4 (1.9 kg)</td>
<td>* 95</td>
</tr>
</tbody>
</table>

* At 50 psi

Cellar Nozzle Applicator
Akron Brass offers a unique 90° Applicator with an integral Shut Off Valve and a Cellar Nozzle with foldable legs. This unit is designed to free up the firefighter when confronted with situations requiring an overhead attack. Once this applicator is in place, the firefighter is available to perform other duties.

- Inlet: 2.5” (65 mm) Swivel
- Integral Ball Shut Off
- 90° bend for overhead applications
- Folding Legs
- Revolving Nozzle
- Flow: 500 gpm @ 50 psi (1900 lpm @ 3.5 bar)
- Spray Pattern Diameter: 40’ (12 m) at 50 psi (3.5 bar)
- Lightweight Pyrolite® construction
- Overall length: 36.5” (927 mm)
- Weight: 18.6 lbs (8.4 kg)

Piercing Applicator
Use a sledge hammer to drive the Piercing Applicator through concrete block, cars, mobile homes, etc. It is designed to get water or foam into hidden trouble spots. The driving button and point are made of hardened tool steel with impinging jets for a dense fog pattern. Plus, it’s compatible with Class A and B foams.

**1088** Piercing Applicator
- Specify 3’ or 6’ length (914 mm or 1828 mm)

<table>
<thead>
<tr>
<th>Style</th>
<th>Inlet</th>
<th>Length</th>
<th>Weight (lbs. (kg))</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GPM</td>
</tr>
<tr>
<td>1088</td>
<td>1 1/2” (38 mm)</td>
<td>3’ (914 mm)</td>
<td>11 (5.0 kg)</td>
<td>125</td>
</tr>
</tbody>
</table>

Fog Applicator
**2055** Fog Applicator
- Designed for those hard-to-reach areas such as tank cars
- Compatible with Class A and Class B foams (Not recommended for foam requiring air-aspiration, i.e. protein and alcohol types)
- Lightweight aluminum tubing
- Includes Style 1048: Coast Guard Fog Head

Available in the following lengths (Must specify):
- 4’ (1.2 m) with 60° Bend
- 6’ (1.8 m) with 90° Bend
- 10’ (3 m) with 90° Bend

<table>
<thead>
<tr>
<th>Style</th>
<th>Inlet</th>
<th>Length</th>
<th>Weight (lbs. (kg))</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GPM</td>
</tr>
<tr>
<td>2055</td>
<td>1 1/2” (38 mm)</td>
<td>10’ (3048 mm)</td>
<td>6 1/2 (7.5 kg)</td>
<td>95</td>
</tr>
</tbody>
</table>
Coast Guard Nozzles

Coast Guard Shipboard Vari-Nozzles
A combination fog and straight stream nozzle designed for more efficiency with AFFF or water on-board ships. Compatible with Style 794 Quick Attack Foam Tube, see page 32.

- Brass construction
- Low friction ball and dual seats for smooth operation
- Molded teeth
- Constant gallonage in fog and straight stream patterns
- Flush without shutting down
- Standard items include: black handle, black bumper

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Inlet</th>
<th>Orifice</th>
<th>Fog Head/Tip</th>
<th>Approval Number</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10&quot;</td>
<td>(260 mm)</td>
<td>3/4&quot;</td>
<td>1/2&quot;</td>
<td>162.027/15/0</td>
<td>360</td>
<td>95</td>
</tr>
<tr>
<td></td>
<td>8 3/8&quot;</td>
<td>(219 mm)</td>
<td>7/8&quot;</td>
<td>1/2&quot;</td>
<td>162.027/16/0</td>
<td>360</td>
<td>-</td>
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</table>

Coast Guard Nozzles With Fog Tips

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Inlet</th>
<th>Orifice</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 1/2&quot;</td>
<td>(38 mm)</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td>2 1/2&quot;</td>
<td>(65 mm)</td>
<td>5/8&quot;</td>
<td>1/2&quot;</td>
<td>106</td>
</tr>
</tbody>
</table>

Brass Coast Guard Fog Tips

2033  
- Fits Style 2032 CG-15 Nozzle
- Approval no. 162.027/09/0

2047  
- Fits Style 2046 CG-25 Nozzle
- Approval no. 162.027/10/0

Coast Guard Applicators With Fog Heads
Applicators with stainless steel tubing to Coast Guard specifications. Improved head and end connectors for increased strength and durability.

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Inlet</th>
<th>Orifice</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10&quot;</td>
<td>(3048 mm)</td>
<td>9/16&quot;</td>
<td>1/2&quot;</td>
<td>54</td>
</tr>
<tr>
<td></td>
<td>7 1/2&quot;</td>
<td>(1827, 3048, 3657.6 mm)</td>
<td>3/4&quot;</td>
<td>1/2&quot;</td>
<td>108</td>
</tr>
<tr>
<td></td>
<td>4&quot;</td>
<td>(1219.2 mm)</td>
<td>5</td>
<td>1/2&quot;</td>
<td>54</td>
</tr>
</tbody>
</table>

Brass Coast Guard Fog Heads

1034  
- Fits Style 2415 and 2015 Applicators
- Approval no. 162.027/09/0
- 1" NPT

1048  
- Fits Style 2225 Applicator and Style 2055 Fog Applicator
- Approval no. 162.027/10/0
- 1 1/2" NPT
Brass Navy Shipboard Vari-Nozzles

- Brass construction
- Self-adjusting seats
- Molded teeth
- Massive rubber-like bumper, handle & pistol grip
- Constant gallonage in all fog and straight stream patterns
- Flush without shutting down
- Compatible with Style 794 Quick Attack Foam Tube, see page 32
- Standard items include: black handle, black pistol grip, black bumper

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Weight lbs (kg)</th>
<th>Inlet Size</th>
<th>National Stock Number</th>
<th>Mil Spec Number</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 1/2” NPSH (38 mm)</td>
<td>4210-00-465-1906</td>
<td>MIL-N-24408E TY1-T1-1</td>
<td>GPM  LPM</td>
</tr>
<tr>
<td>3020</td>
<td>8 1/4” (219 mm)</td>
<td>7 1/2” (3.5 kg)</td>
<td>1 1/2” NPSH (38 mm)</td>
<td>4210-00-601-0986</td>
<td>MIL-N-24408E TY1-T1-2</td>
<td>95   360</td>
</tr>
<tr>
<td>3023</td>
<td>8 1/2” (219 mm)</td>
<td>7 1/2” (3.5 kg)</td>
<td>1 1/2” NPSH (38 mm)</td>
<td>4210-00-601-0986</td>
<td>MIL-N-24408E TY1-T1-2</td>
<td>125  475</td>
</tr>
</tbody>
</table>

Brass 4AN Navy Nozzles With Fog Tips

Combination fog and straight stream nozzles to Navy specifications.

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Orifice</th>
<th>Weight lbs (kg)</th>
<th>Inlet Size</th>
<th>Fog Tip</th>
<th>National Stock No.</th>
<th>Navships Number</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 1/2” NPSH (38 mm)</td>
<td></td>
<td>2073 2069-00-392-2943</td>
<td>803-1385834</td>
<td>* 52</td>
</tr>
<tr>
<td>2069</td>
<td>8 1/2” (222 mm)</td>
<td>5/8” (16 mm)</td>
<td>9 (4.1 kg)</td>
<td>1 1/2” NPSH (38 mm)</td>
<td></td>
<td>2073 2069-00-392-2943</td>
<td>803-1385834</td>
<td>* 197</td>
</tr>
<tr>
<td>2074</td>
<td>10 1/4” (260 mm)</td>
<td>1” (25 mm)</td>
<td>14 1/2” (6.7 kg)</td>
<td>2 1/2” NH (65 mm)</td>
<td></td>
<td>2077 2069-00-392-2944</td>
<td>803-1385835</td>
<td>* 132</td>
</tr>
</tbody>
</table>

* Fog flow only

Brass Navy & Military Fog Tips

<table>
<thead>
<tr>
<th>Style</th>
<th>Orifice</th>
<th>Weight lbs (kg)</th>
<th>Inlet Size</th>
<th>Fog Tip with Chain</th>
</tr>
</thead>
<tbody>
<tr>
<td>2073</td>
<td>1 1/2” (38 mm)</td>
<td></td>
<td>1 1/2” NPSH (38 mm)</td>
<td>Fits Style 2069 Navy Nozzle</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>National stock no. 4210-00-372-0867</td>
</tr>
<tr>
<td>2077</td>
<td>2 1/2” (65 mm)</td>
<td></td>
<td>2 1/2” NH (65 mm)</td>
<td>Fits Style 2074 Navy Nozzle</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>National stock no. 4210-00-372-0868</td>
</tr>
</tbody>
</table>
**Master Stream Foam Aeration Nozzles**

**3625 Master Stream Foam Nozzle**
- For use with AFFF
- Expansion rate up to 12:1

**3626 Master Stream Foam Nozzle with Dispersion Jaws**
- Specify Manual, Electric or Air Actuated Dispersion Jaws
- Available without Dispersion Jaws
- For use with AFFF
- Expansion rate up to 12:1

**3623 Dual Flow Automatic Master Stream Foam Nozzle**
- Electric Actuated infinitely adjustable Dispersion Jaws
- For use with AFFF
- Expansion rate up to 12:1

**3624 3 ½” Dual Flow Automatic Master Stream Foam Nozzle**
- Electric Actuated infinitely adjustable Dispersion Jaws
- For use with FFFP
- Expansion rate up to 6:1

<table>
<thead>
<tr>
<th>Style</th>
<th>Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Flow at 100 psi</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GPM</td>
</tr>
<tr>
<td>3625</td>
<td>2 ½”</td>
<td>29” (740 mm)</td>
<td>6 ½” (168 mm)</td>
<td>500* (250) at 100 psi</td>
</tr>
<tr>
<td>3626</td>
<td>2 ½”</td>
<td>28” (711 mm)</td>
<td>10  (2.8 kg)</td>
<td>800 or 1000 at 150 psi</td>
</tr>
<tr>
<td>3623</td>
<td>2 ½” or 3 ½” (64 mm or 89 mm)</td>
<td>28” (711 mm)</td>
<td>14 ½” (3.6 kg)</td>
<td>750/375 at 145 psi</td>
</tr>
<tr>
<td>3624**</td>
<td>3 ½” (89 mm)</td>
<td>54” (1372 mm)</td>
<td>29  (13 kg)</td>
<td>6000/3000 @ 13 bar (8 bar)</td>
</tr>
</tbody>
</table>

* Preset at 500 gpm, converts to 250 gpm
** for use with 3356 only

**Foam Aeration Nozzles**
- Combination Akrolite® and Pyrolite
- Units with pickup tube preset at 6% easily changed to ½%, 1% or 3%
- Expansion rate up to 14:1
- Pressure rated at 100 psi (7 bar)

**3952 Foam Nozzle**
- Flows 95 GPM (360 lpm)

**3951 Foam Nozzle with Pickup Tube**

**3120 Foam Nozzle**
- For use with Style 2120 Eductor
- Flows 120 GPM (450 lpm)

<table>
<thead>
<tr>
<th>Style</th>
<th>Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GPM</td>
</tr>
<tr>
<td>3120</td>
<td>2 ½”</td>
<td>41” (1040 mm)</td>
<td>5 (2.3 kg)</td>
<td>120</td>
</tr>
<tr>
<td>3951</td>
<td>1 ½”</td>
<td>38” (965 mm)</td>
<td>6 (2.7 kg)</td>
<td>95</td>
</tr>
<tr>
<td>3952</td>
<td>1 ½”</td>
<td>38” (965 mm)</td>
<td>4 (1.8 kg)</td>
<td>95</td>
</tr>
</tbody>
</table>
Mid-X™ Medium Expansion Foam Aeration Tube

The Mid-X Foam Tube is ideal for use in fire & vapor suppression applications with its wide range of expansion ratios. The Mid-X can produce a thick foam blanket with the nozzle pattern in a wide fog position or lower expansion foam providing better reach with the pattern in straight stream.

- Expansion rate up to 50:1
- Maximum Flow 250 gpm (950 lpm)
- Maximum Pressure 100 psi (7 bar)
- Weight: 4.5 lbs. (2.04 kg)
- Length: 13 1/2” (344 mm), Diameter: 10” (254 mm)

<table>
<thead>
<tr>
<th>Style</th>
<th>Nozzle</th>
<th>Year</th>
<th>Bumper Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>866</td>
<td>1 1/2” (38 mm) Turbojet</td>
<td>1993 - current</td>
<td>3 3/8” (92 mm)</td>
</tr>
</tbody>
</table>
Quick-Attack™ Foam Aeration Tubes

Pyrolite® Foam Tubes are designed to easily and quickly clamp on to various Akron® nozzles. Use the chart to the right to determine the proper Quick-Attack Foam Tube.

- Provides air-aspirated foam capability
- up to 12:1 expansion ratio with AFFF
- Flow: Style 790: 30 gpm (115 lpm), Style 770: up to 250 gpm (950 lpm) all others up to 125 gpm (475 lpm)
- Length: Style 790: 11 1/2", all others: 16 1/2"
- Typical weight 2 lbs 10 oz

<table>
<thead>
<tr>
<th>Style</th>
<th>Nozzle</th>
<th>Year</th>
<th>Bumper Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>790</td>
<td>1&quot; (25 mm) Turbojet</td>
<td>2000 - current</td>
<td>3&quot; (76 mm)</td>
</tr>
<tr>
<td>791</td>
<td>1 1/2&quot; (38 mm) Turbojet</td>
<td>Pre-1993</td>
<td>3 1/4&quot; (86 mm)</td>
</tr>
<tr>
<td>792</td>
<td>1 1/2&quot; (38 mm) Industrial Turbojet</td>
<td>All</td>
<td>3 1/4&quot; (92 mm)</td>
</tr>
<tr>
<td>793</td>
<td>Mid-Range Turbojet</td>
<td>1993 - current</td>
<td>3 1/4&quot; (92 mm)</td>
</tr>
<tr>
<td>794</td>
<td>Mid-Range &amp; 2 1/2&quot; (64 mm) Saberjet</td>
<td>All</td>
<td>4 1/4&quot; (114 mm)</td>
</tr>
<tr>
<td>796</td>
<td>High Range (65 mm) Turbojet</td>
<td>1993-Current</td>
<td>4 1/4&quot; (114 mm)</td>
</tr>
<tr>
<td>797</td>
<td>1 1/2&quot; (38 mm) Marauder with molded teeth</td>
<td>All</td>
<td>3 1/4&quot; (92 mm)</td>
</tr>
<tr>
<td>799</td>
<td>1 1/2&quot; (38 mm) SaberJet</td>
<td>3015-3021</td>
<td>3 1/4&quot; (92 mm)</td>
</tr>
<tr>
<td>797</td>
<td>Mid-Range Akromatic</td>
<td>All</td>
<td>4 1/4&quot; (108 mm)</td>
</tr>
</tbody>
</table>

ProVenger Quick-Attack™ Foam Tubes

The Quick-Attack foam tubes are designed to efficiently snap-on and off the ProVenger® nozzles. Unique, quick-release tabs allow the tubes to be easily removed. These tubes produce aspirated foam up to a 12:1 expansion ratio with AFFF foam. Constructed of a lightweight, durable, high-strength polymer, the foam tubes are equipped to handle day-to-day firefighting conditions.

- Provides air-aspirated foam with expansion ratios up to 12:1 with AFFF
- Lightweight, snap-on assembly. No tools required.
- 5 year warranty

<table>
<thead>
<tr>
<th>Style</th>
<th>Swivel Inlet</th>
<th>Length</th>
<th>Width</th>
<th>Weight lbs (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>624</td>
<td>1&quot; (25.4 mm)</td>
<td>12 3/4&quot; (324 mm)</td>
<td>3 1/4&quot; (92 mm)</td>
<td>0.9 (0.4 kg)</td>
</tr>
<tr>
<td>638</td>
<td>1 1/2&quot; (38 mm)</td>
<td>18 7/8&quot; (473 mm)</td>
<td>4 1/2&quot; (114 mm)</td>
<td>1.8 (0.8 kg)</td>
</tr>
</tbody>
</table>
**FireFox™ Foam Aeration Tubes**

The FireFox Aeration Tubes now give you the capability to convert your FireFox to a foam monitor for Class A or B foam applications, where a heavier foam blanket is desired. Each foam tube comes with a new turbine retaining ring that allows it to easily thread onto the end of the FireFox nozzle.

**3620 Low Expansion FireFox Foam Tube**
- Low expansion capability (up to 10:1) up to 125 gpm (475 lpm) on the 1 1/2" nozzle
- Length: 15 3/4" (400 mm)

**3621 Low Expansion FireFox Foam Tube**
- Low expansion capability (up to 10:1) up to 500 gpm (1900 lpm) on the 1 1/2" nozzle and 2 1/2" nozzle
- Also compatible with Mercury Nozzle Style 4445 & 4447
- Length: 14 1/8" (359 mm)

**3622 Medium Expansion FireFox Foam Tube**
- Medium expansion capability (up to 50:1) up to 125 gpm (475 lpm) on the 1 1/2" nozzle
- Length: 13 19/32" (345 mm)

---

**Akromatic 1250 Foam Tube**

The Style 737 Foam Tube is designed to simply and quickly clip on the Style 5177 Akromatic 1250 nozzle. This new foam tube will provide the capability to air-aspirate foam up to 6:1 expansion ratio with AFFF foam.

**737 Akromatic 1250 Foam Tube**
- Provides air-aspirated foam with expansion ratios up to 6:1 with AFFF
- Lightweight easy clip on assembly. No tools required
- Compatible with 5177 Akromatic Nozzle
- 5 year standard warranty

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Length</th>
<th>Weight</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>737</td>
<td>Pyrolite®</td>
<td>18 7/8&quot; (480 mm)</td>
<td>6.4 lbs. (2.9 Kg)</td>
<td>1250</td>
</tr>
</tbody>
</table>

---

**Akromatic 2000 Foam Tube**

The Style 738 Foam Tube is designed to simply and quickly clip on the Style 5178 or 5170 Akromatic 2000 nozzles. This new foam tube will provide the capability to air-aspirate foam up to 6:1 expansion ratio with AFFF foam.

**738 Akromatic 2000 Foam Tube**
- Provides air-aspirated foam with expansion ratios up to 6:1 with AFFF
- Lightweight easy clip on assembly. No tools required
- Compatible with 5178 & 5170 Akromatic Nozzle
- 5 year standard warranty

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Length</th>
<th>Weight</th>
<th>Flow at 100 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>738</td>
<td>Pyrolite®</td>
<td>21&quot; (534 mm)</td>
<td>9.8 lbs. (4.4 Kg)</td>
<td>2000</td>
</tr>
</tbody>
</table>
### Master Stream Nozzles

#### SaberMaster™

The SaberMaster nozzles are the only multi-purpose master stream nozzles in the fire service today. The SaberMaster 1250 makes remote controlled monitors remote because you can now easily change from solid bore to fog flow streams with the flip of a switch. The SaberMaster 500 allows you to switch from solid bore to fog without shutting down. No other master stream nozzles have this 2-in-1 capability.

- SaberMaster 1250 reduces the risk of injury by not having to climb onto the deck to change tips
- Provides smooth bore reach and penetration or fog stream cooling and protection, without having to shut down the water flow to switch tips.
- No issues with tip storage or missing tips because changing from a solid bore to adjustable fog pattern is built-in
- SaberMaster 1250 designed for use with Style 3440 DeckMaster or Style 3480 StreamMaster™ II Monitors
- SaberMaster 500 designed for use with Style 3443 Mercury™
- Built-in Stream Shaper (SaberMaster 1250)

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Pattern</th>
<th>Flow GPM</th>
<th>Flow LPM</th>
<th>Optional Flow GPM</th>
<th>Optional Flow LPM</th>
<th>Inlet</th>
<th>Teeth</th>
<th>Voltage</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1545</td>
<td>Pyrolite</td>
<td>Manual</td>
<td>350*</td>
<td>1325*</td>
<td>2 1/2&quot; 1/2&quot;</td>
<td>65 mm</td>
<td>1 3/8&quot;</td>
<td>None</td>
<td>12 or 24 Volt</td>
<td>8 1/4&quot;</td>
<td>(215 mm) 1.9 kg</td>
</tr>
<tr>
<td>1578</td>
<td>Pyrolite</td>
<td>Electric</td>
<td>1250*</td>
<td>4800*</td>
<td>2 1/2&quot; 1/2&quot;</td>
<td>65 mm</td>
<td>2 1/2&quot; 3/4&quot;</td>
<td>65 mm 89 mm</td>
<td>12 or 24 Volt</td>
<td>10 3/8&quot;</td>
<td>(265 mm) 3.9 kg</td>
</tr>
</tbody>
</table>

* Flow at 80 psi

See page 176 Technical Data section for performance details.

#### Akromatic® 2000

Designed for flows from 500 to 2000 gpm (1900-7600 lpm) at an operating pressure of 80 psi (5.5 bar)

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Pattern</th>
<th>Flow GPM</th>
<th>Flow LPM</th>
<th>Optional Flow GPM</th>
<th>Optional Flow LPM</th>
<th>Inlet</th>
<th>Teeth</th>
<th>Voltage</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5071**</td>
<td>Brass</td>
<td>Manual</td>
<td>500-2000</td>
<td>1900-7600</td>
<td>-</td>
<td>-</td>
<td>None</td>
<td>NA</td>
<td>12 or 24 Volt</td>
<td>9 1/2&quot;</td>
<td>(242 mm) 6.9 kg</td>
</tr>
<tr>
<td>5170</td>
<td>Pyrolite</td>
<td>Manual</td>
<td>500-1500</td>
<td>1900-5700</td>
<td>3 1/2&quot; 1/2&quot;</td>
<td>89 mm</td>
<td>Fixed</td>
<td>NA</td>
<td>12 or 24 Volt</td>
<td>10&quot;</td>
<td>(254 mm) 7.0 kg</td>
</tr>
<tr>
<td>5178</td>
<td>Pyrolite</td>
<td>Electric</td>
<td>500-2000</td>
<td>1900-7600</td>
<td>3 1/2&quot; 1/2&quot;</td>
<td>89 mm</td>
<td>None</td>
<td>12 or 24 Volt</td>
<td>9 1/2&quot;</td>
<td>(242 mm) 6.9 kg</td>
<td></td>
</tr>
</tbody>
</table>

* FM approved Style 5071

See page 176 Technical Data section for performance details.

#### Akromatic 1250

Designed for flows from 250 to 1250 gpm (950-4800 lpm) - At 80 psi (5.5 bar) operating pressure

- Style 5177 now with manual override
- Style 5160, 5161, and 5177 complete with built-in stream shaper

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Pattern</th>
<th>Flow GPM</th>
<th>Flow LPM</th>
<th>Optional Flow GPM</th>
<th>Optional Flow LPM</th>
<th>Inlet</th>
<th>Teeth</th>
<th>Voltage</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5075</td>
<td>Pyrolite</td>
<td>Electric</td>
<td>250-1250</td>
<td>950-4800</td>
<td>2 1/2&quot; 3/4&quot;</td>
<td>65 or 89 mm</td>
<td>None</td>
<td>12 or 24 Volt</td>
<td>9 1/2&quot;</td>
<td>(242 mm) 6.9 kg</td>
<td></td>
</tr>
<tr>
<td>5160</td>
<td>Pyrolite</td>
<td>Manual</td>
<td>250-1250</td>
<td>950-4800</td>
<td>2 1/2&quot; 3/4&quot;</td>
<td>65 or 89 mm</td>
<td>None</td>
<td>9 1/2&quot;</td>
<td>12 or 24 Volt</td>
<td>10 3/8&quot;</td>
<td>(265 mm) 2.0 kg</td>
</tr>
<tr>
<td>5161*</td>
<td>Brass</td>
<td>Manual</td>
<td>300-1250</td>
<td>1140-4800</td>
<td>2 1/2&quot; 3/4&quot;</td>
<td>65 or 89 mm</td>
<td>None</td>
<td>9 1/2&quot;</td>
<td>12 or 24 Volt</td>
<td>10 3/8&quot;</td>
<td>(265 mm) 2.0 kg</td>
</tr>
<tr>
<td>5177</td>
<td>Pyrolite</td>
<td>Electric</td>
<td>250-1250</td>
<td>950-4800</td>
<td>2 1/2&quot; 3/4&quot;</td>
<td>65 or 89 mm</td>
<td>None</td>
<td>12 or 24 Volt</td>
<td>10 3/8&quot;</td>
<td>(265 mm) 2.0 kg</td>
<td></td>
</tr>
</tbody>
</table>

* FM approved Style 5161

** Flat-dispersed pattern

*** 3/4" (89 mm) in NH only

See page 176 Technical Data section for performance details.

---

### SaberMaster 1250 Nozzles

- **Style 5177**
  - New manual override
- **Style 5160, 5161, and 5177**
  - Complete with built-in stream shaper

### SaberMaster 500 Nozzles

- **Style 5071**
  - FM approved

### Akromatic 2000 Nozzles

- **Style 5071**
  - FM approved

### Akromatic 1250 Nozzles

- **Style 5075**
  - FM approved

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SaberMaster™

The SaberMaster nozzles are the only multi-purpose master stream nozzles in the fire service today. The SaberMaster 1250 makes remote controlled monitors remote because you can now easily change from solid bore to fog flow streams with the flip of a switch. The SaberMaster 500 allows you to switch from solid bore to fog without shutting down. No other master stream nozzles have this 2-in-1 capability.

- SaberMaster 1250 reduces the risk of injury by not having to climb onto the deck to change tips
- Provides smooth bore reach and penetration OR fog stream cooling and protection, without having to shut down the water flow to switch tips.
- No issues with tip storage or missing tips because changing from a solid bore to adjustable fog pattern is built-in
- SaberMaster 1250 designed for use with Style 3440 DeckMaster or Style 3480 StreamMaster™ II Monitors
- SaberMaster 500 designed for use with Style 3443 Mercury™
- Built-in Stream Shaper (SaberMaster 1250)
**Turbomaster™**
A family of adjustable gallonage master stream nozzles. Each nozzle comes equipped with four distinct, calibrated, and selectable flow settings.

- Pattern detents for positive stream positioning

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Pattern Control</th>
<th>Flow at 100 PSI (7 bar)</th>
<th>Optional flow at 100 PSI (7 bar)</th>
<th>Inlet</th>
<th>Teeth</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1745</td>
<td>Pyrolite* Manual</td>
<td>250-400-550-750</td>
<td>950-1525-2100-2900</td>
<td>130-250-400-500</td>
<td>500-1000-1500-2000</td>
<td>2½&quot; (65 mm)</td>
<td>Spinning</td>
<td>9&quot; (24 mm)</td>
</tr>
<tr>
<td>1755</td>
<td>Pyrolite Manual</td>
<td>500-750-1000-1250</td>
<td>1900-2900-3800-4800</td>
<td>-</td>
<td>-</td>
<td>2½&quot; (65 mm)</td>
<td>Spinning</td>
<td>10&quot; (229 mm)</td>
</tr>
<tr>
<td>1757</td>
<td>Pyrolite Manual</td>
<td>350-500-750-1000</td>
<td>1325-1900-2900-3800</td>
<td>-</td>
<td>-</td>
<td>2½&quot; (65 mm)</td>
<td>Spinning</td>
<td>10&quot; (229 mm)</td>
</tr>
</tbody>
</table>

* Field changeable spacers included with nozzle
** FM Approved Style 4450
See page 177 Technical Data section for performance details

**Aquastream™**
A fixed gallonage master stream nozzle designed for heavy-duty use on fixed monitors.

- With grease fitting

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Pattern Control</th>
<th>Flow at 100 PSI (7 bar)</th>
<th>Optional flow at 100 PSI (7 bar)</th>
<th>Inlet</th>
<th>Teeth</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4450** Brass Manual</td>
<td>500 (300 &amp; 700)*</td>
<td>1900 (1140 &amp; 2650)*</td>
<td>1900 (1140 &amp; 2650)*</td>
<td>Fixed</td>
<td>7&quot; (17.8 cm)</td>
<td>14 ½&quot; (6.6 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4452* Pyrolite Manual</td>
<td>500 (300 &amp; 700)*</td>
<td>1900 (1140 &amp; 2650)*</td>
<td>1900 (1140 &amp; 2650)*</td>
<td>Fixed</td>
<td>7&quot; (17.8 cm)</td>
<td>4 ⅜&quot; (2.2 kg)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Field changeable spacers included with nozzle
** FM Approved Style 4450
See page 177 Technical Data section for performance details

**Rampage™**
A fixed gallonage master stream nozzle with built-in stream shaper designed for flows up to 1250 gpm (4800 lpm). Ideal for heavy-duty use on fixed monitors. Style 4460 has a twist shutoff.

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Pattern Control</th>
<th>Flow at 100 PSI (7 bar)</th>
<th>Optional flow at 100 PSI (7 bar)</th>
<th>Inlet</th>
<th>Teeth</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4460</td>
<td>Brass Manual</td>
<td>750 (500, 1000 &amp; 1250)*</td>
<td>2800 (1900, 3800 &amp; 4800)*</td>
<td>2½&quot; (65 mm)</td>
<td>None</td>
<td>9&quot; (229 mm)</td>
<td>23 ⅜&quot; (10.5 kg)</td>
<td></td>
</tr>
<tr>
<td>4461** Brass Manual</td>
<td>750 (500, 1000 &amp; 1250)*</td>
<td>2800 (1900, 3800 &amp; 4800)*</td>
<td>2½&quot; (65 mm)</td>
<td>None</td>
<td>9&quot; (229 mm)</td>
<td>23 ⅜&quot; (10.5 kg)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Factory set at 750 gpm (2800) - field changeable to 500, 1000 or 1250 gpm (1900, 3800 or 4800 lpm), spacers included with nozzle.
** FM Approved Style 4461
See page 177 Technical Data section for performance details

**Rampage™ Nozzle With Electric Pattern Actuation**

- All brass and stainless steel construction
- Ideal for mining applications
- 2 ½" NH inlet
- Exposed surfaces protected by heavy-duty, weather resistant bellows - SD model only, Must Specify
- Maximum Pressure: 200 psi/14 bar
- Maximum Motor Current Draw:
  - 12 Volt Motor: 3 amps
  - 24 Volt Motor: 1.5 amps

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Flow at 100 PSI (7 bar)</th>
<th>Inlet</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4462</td>
<td>All brass and stainless steel construction</td>
<td>500-1000&lt;br&gt;750 (500/1000)*&lt;br&gt;1900-3800&lt;br&gt;2800 (1900 &amp; 3800)</td>
<td>2½&quot; NH (65 mm)</td>
<td>8 ⅜&quot; (206 mm)</td>
<td>19.6 (8.9 kg)</td>
</tr>
</tbody>
</table>

* Factory set at 750 gpm - field changeable to 500 or 1000 gpm
Master Stream Nozzles
Akrofoam™
The Akrofoam nozzles are self-educing master stream nozzles designed for educting foam at flow rates up to 2000 gpm (7600 lpm).

4475 1000 gpm (3800 lpm) Pyrolite Akrofoam
- Spring loaded baffle that allow flow setting selection of 350, 500, 750, or 1000 gpm (1325, 1900, 2900, or 3800 lpm) with a simple push and turn of the baffle head.
- Quick connect, adjustable metering head with pick up rates 1% & 3%, plus 6% for 350 & 500 gpm (1325 & 1900 lpm) and 1% & 3% for 750 & 1000 gpm (2900 & 3800 lpm)
- Inlet: 3/4" NH (19 mm)
- Length: 12" (305 mm)
- Weight: 12 lbs. (5.4 kg)

4480 1000 gpm (3800 lpm) Akrofoam Pyrolite Nozzle with Electric Pattern Actuation
- Electric pattern actuation
- Spring loaded baffle provides field adjustable flows up to 1000 gpm (4800 lpm)
- Quick connect, adjustable metering head with pickup hose
- Compatible with the Style 3030 Jet Ratio Controller
- Pick up rates:
  - 350-500 gpm (1325-1900 lpm): 1% or 3%
  - 750-1000 gpm (2900-3800): 1% or 3%

4470 1000 gpm (3800 lpm) Brass Akrofoam
- Factory set to 500 gpm (1900 lpm) - field changeable to 350, 750, or 1000 gpm (1325, 2900, or 3800 lpm)
- Grease fitting for easy maintenance
- Optional Foam Shutoff Valve, Drum Seal Kit & Quick Connect
- Metering capability of 1%, 3%, & 6% for 350 & 500 gpm (1325 & 1900 lpm), and 1% & 3% for 750 & 1000 gpm (2900 & 3800 lpm).

4477 1000 gpm (3800 lpm) Brass Akrofoam Nozzle with Electric Pattern Actuation
- All brass and stainless steel construction
- Ideal for mining applications
- Exposed surfaces protected by heavy-duty, weather resistant bellows
- Metering Rate:
  - 1%, 3%, & 6% for 350 & 500 gpm (1325 & 1900 lpm)
  - 1% & 3% for 750 & 1000 gpm (2900 & 3800 lpm)
- Maximum Pressure: 200 psi/14 bar
- Maximum Motor Current Draw:
  - 12 Volt Motor: 3 amps
  - 24 Volt Motor: 1.5 amps

4478 2000 gpm (7600 lpm) Akrofoam Pyrolite Nozzle
- Fog pattern: straight stream to wide fog
- Manual pattern control
- Pick up rates: 750, 1000, 1500, 2000 gpm (2900, 3800, 5700, 7600 lpm) at 1% and 3%; 750, 1000 gpm (2900, 3800 lpm) at 6%

4479 2000 gpm Pyrolite Nozzle with Electric Pattern Actuation
- Spring loaded baffle that allows flow setting selection of 750, 1000, 1500, or 2000 gpm (2900, 3800, 5700, or 7600 lpm) with a simple push and turn of the baffle head.
- Quick connect, adjustable metering head with pick up rates 1%, 3% and 6% for 750 and 1000 gpm (2900 and 3800 lpm) and 1% & 3% for 1500 and 2000 gpm (5700 and 7600 lpm)
- Orifices store conveniently on the nozzle for easy change of pickup rate and storage when not in use
- Electric pattern actuation

* Factory set to 500 gpm (1900 lpm) - field changeable to 350, 750 or 1000 gpm (1900, 2800 or 3800 lpm) with spacers included with nozzle
** 44750006 pick up tube with metering head
*** 44700002 pick up tube only
See page 177 Technical Data section for performance details
FireFox™ Nozzle
An electrically controlled nozzle with flows from 30 to 500 gpm (115 to 1900 lpm) at an operating pressure of 100 psi (7 bar). The FireFox nozzle comes with either a single fixed flow baffle or an adjustable four setting baffle and is for use with 12 or 24 Volt monitors featuring current limiting, such as the Style 3463 FireFox.

3293 FireFox Electric Nozzle
- 1 1/2" (38 mm) swivel inlet for flows up to 350 gpm (1325 lpm)
- 2 1/2" (65 mm) swivel inlet for flows 350 to 500 gpm (1325 to 1900 lpm)
- Spinning teeth
- Optional flat disperse pattern - Must specify
- Optional add-on foam tubes - See page 33
- Adjustable Flow Options:
  - 30-60-95-125 gpm (115-230-360-475 lpm) with electric flush
  - 125-175-250-350 gpm (475-660-950-1325 lpm) without electric flush
  - 350-400-500 gpm (1325-1525-1700-1800 lpm optional 500, 1000, 1500, 2000 LPM) without electric flush
- Fixed Flow Options: (Must specify flow rate)
  - 30 to 200 gpm (115 to 750 lpm) with electric flush
  - 225 to 500 gpm (850 to 1900 lpm) without electric flush

### Size Flow GPM (LPM) Length Weight lbs. (kg)

<table>
<thead>
<tr>
<th>Size</th>
<th>Flow GPM (LPM)</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2&quot; (38 mm)</td>
<td>30-125 (115-475)</td>
<td>7&quot; (17.8 mm)</td>
<td>5 (2.3 kg)</td>
</tr>
<tr>
<td>1 1/2&quot; (38 mm)</td>
<td>125-350 (115-1325)</td>
<td>7 3/4&quot; (197 mm)</td>
<td>7.2 (3.4 kg)</td>
</tr>
<tr>
<td>2 1/2&quot; (65 mm)</td>
<td>350-500 (1325-1900)</td>
<td>7 3/4&quot; (197 mm)</td>
<td>75 (34.2 kg)</td>
</tr>
</tbody>
</table>

### Single Gallonage Master Stream

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Pattern Control</th>
<th>Flow GPM</th>
<th>Flow LPM</th>
<th>Inlet</th>
<th>Teeth</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2171</td>
<td>Brass</td>
<td>Manual</td>
<td>500-2000*</td>
<td>3800-7600*</td>
<td>3 1/8&quot; (89 mm)</td>
<td>None</td>
<td>12&quot; (305 mm)</td>
<td>36 (16.3 kg)</td>
</tr>
</tbody>
</table>

* Specify flow in 100 gpm (380 lpm) increments. Specify pressure from 70-100 psi (4.9-7 bar) in 10 psi (.35 bar) increments

### Akromatic® 1000

This hydraulically actuated nozzle is designed for flows from 350-1000 gpm (1325-3800 lpm) At 100 psi (7 bar) operating pressure.

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Pattern Control</th>
<th>Flow GPM</th>
<th>Flow LPM</th>
<th>Inlet</th>
<th>Teeth</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5055</td>
<td>Pynolite</td>
<td>Hydraulic</td>
<td>350-1000</td>
<td>1325-3800</td>
<td>2 1/8&quot; (65 mm)</td>
<td>Spinning</td>
<td>9 1/2&quot; (248 mm)</td>
<td>9 1/2&quot; (4.2 kg)</td>
</tr>
<tr>
<td>5056</td>
<td>Brass</td>
<td>Hydraulic</td>
<td>350-1000</td>
<td>1325-3800</td>
<td>2 1/8&quot; (65 mm)</td>
<td>Spinning</td>
<td>9 1/2&quot; (248 mm)</td>
<td>30 1/2&quot; (13.8 kg)</td>
</tr>
</tbody>
</table>

See page 176 Technical Data section for performance details.
Akrochem™ 1250 or 2000 GPM Nozzles

Akrochem nozzles give you the flexibility of both dry chemical agent and foam solution or water applications. This versatile nozzle combines the effective reach of an automatic with the capability to deliver dry chemical agent at rates up to 20 lbs. (9 kg) per second. It is also designed for flowing water or foam solutions up to 2000 gpm (7600 lpm) at an operating pressure of 100 psi (7 bar).

### Mercury™ Nozzles

The Mercury nozzles have excellent straight stream performance and a wide, dense, fully adjustable fog pattern. Choose between the single flow orifice Style 4445 and the adjustable flow baffle Style 4447.

<table>
<thead>
<tr>
<th>Style</th>
<th>Material</th>
<th>Pattern Control</th>
<th>Flow at 100 PSI (7 bar)</th>
<th>Inlet Teeth</th>
<th>Length</th>
<th>Weight lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4445</td>
<td>Pyrolite®</td>
<td>Manual</td>
<td>500</td>
<td>2 1/2&quot; (65 mm) Spinning</td>
<td>7&quot; (178 mm)</td>
<td>2.3 kg</td>
</tr>
<tr>
<td>4447</td>
<td>Pyrolite</td>
<td>Manual</td>
<td>250-575-500</td>
<td>2 1/2&quot; (65 mm) Spinning</td>
<td>7&quot; (178 mm)</td>
<td>2.3 kg</td>
</tr>
<tr>
<td>5147*</td>
<td>Pyrolite</td>
<td>Manual</td>
<td>300, 500, 800, 1000</td>
<td>-</td>
<td>7 1/4&quot; (185 mm)</td>
<td>3.8 kg</td>
</tr>
<tr>
<td>5150</td>
<td>Pyrolite</td>
<td>Manual</td>
<td>250-1000</td>
<td>-</td>
<td>9 1/2&quot; (239 mm)</td>
<td>9.6 kg</td>
</tr>
<tr>
<td>5147*</td>
<td>Pyrolite</td>
<td>Manual</td>
<td>800-1000, 300-3800</td>
<td>-</td>
<td>11 1/2&quot; (299 mm)</td>
<td>13.1 kg</td>
</tr>
</tbody>
</table>

* Oscillating Mercury Quick Attack Nozzle for use on the Mercury Quick Attack Monitor only

See page 177 Technical Data section for performance details.