



**AKRON<sup>®</sup>**  
BRASS COMPANY

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AKRON BRASS & WELDON PRODUCT CATALOG



TESTED... PROVEN... TRUSTED.



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\* To order or for additional information on Weldon products in this catalog please contact:

**WELDON | PH. 800.989.2718 (614.529.7230) | FAX 614.527.3547**

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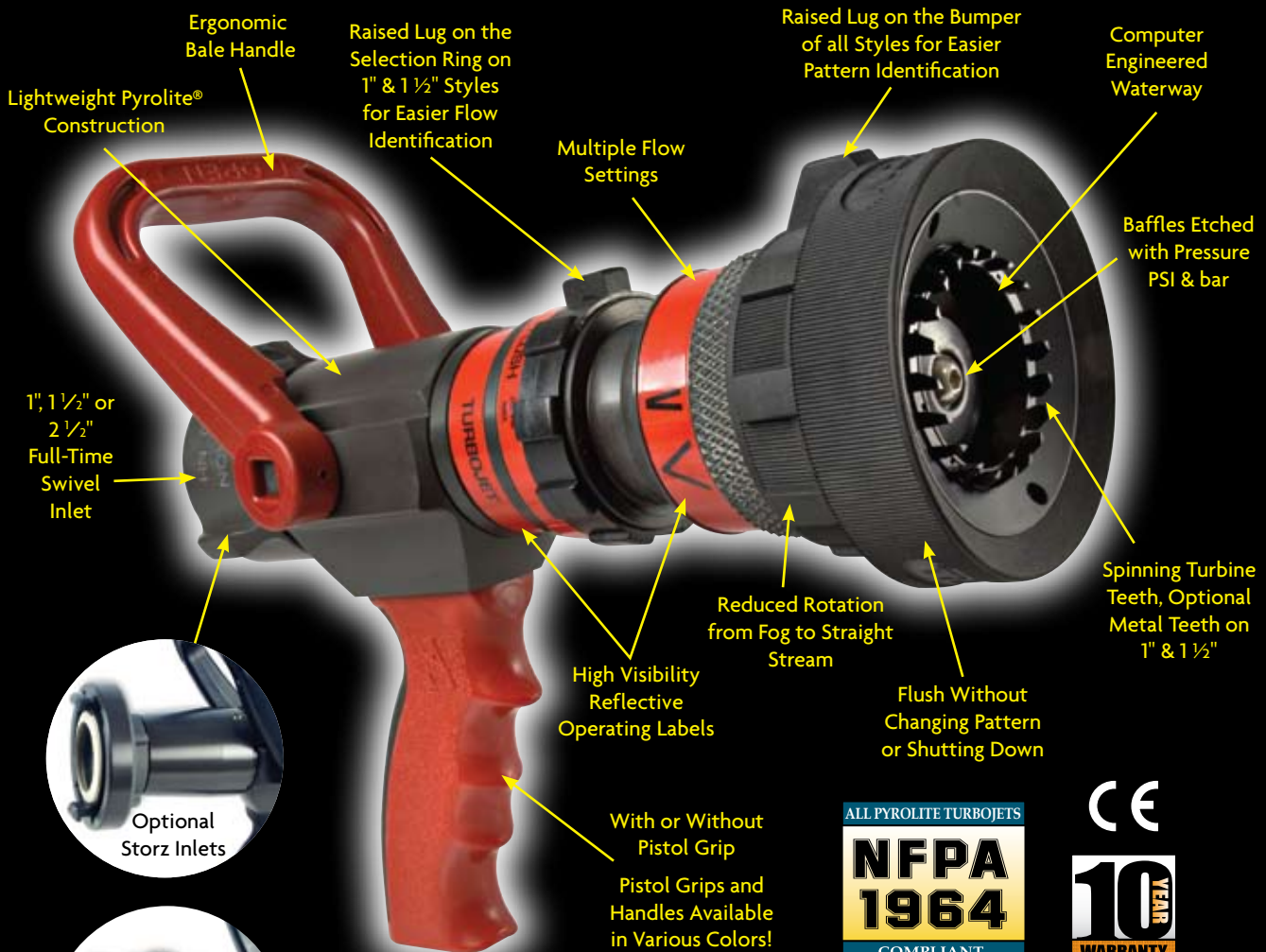


# Turbojet® Nozzles

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
- Larger more legible labels
- Simple to operate (¼ turn from straight stream to fog)
- Raised lug marks straight stream for limited visibility operations
- Easy to service & repair
- Meets European Standard



1 ½" Mid-Range, Wide Range and High-Range Turbojets Meet Insurance Services Office (ISO) Requirements

100 psi (7 bar) Rated Pressure Standard - 75 psi (5 bar) Optional with Quality Flow Performance as Low as 50 psi (3.45 bar)

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### 1" Turbojet Nozzles

- Flow setting at 100 psi (7 bar) operating pressure can be used for high pressure applications up to 580 psi (40 bar) hydrostatic pressure
- Raised bumper lug for straight stream pattern identification
- Compatible with Quick-Attack Foam Tube Style 755, See page 21

- 1701** 1" Turbojet Nozzle
- 1702** 1" Turbojet Nozzle with Pistol Grip
- 1703** 1" Turbojet Tip
  - For use on Style 753 shutoff
- 1704** 1" Turbojet Nozzle with Pistol Grip
- 1711** 1" Turbojet Tip
  - For use on Style 753 shutoff
  - Specify either 18-30 GPM or 13-23-30 GPM settings



Style 1702



Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
1701	1 (25 mm)	9 1/4" (206 mm)	2 1/2 (1.1 kg)	13-25-40-60	50-100-150-230
1702	1" (25 mm)	9 1/4" (206 mm)	3 (1.4kg)	13-25-40-60	50-100-150-230
1703	1 1/2" (38 mm)	6 5/8" (14 mm)	1 3/4 (.8 kg)	13-25-40-60	50-100-150-230
1704	1" (25 mm)	9 1/4" (206 mm)	3 (1.4 kg)	18-30* 13-23-30*	70-115* 50-90-115*
1711	1 1/2" (38 mm)	6 5/8" (14 mm)	3 3/4 (1.7 kg)	18-30* 13-23-30*	70-115* 50-90-115*

\*Must specify

### 1 1/2" Turbojet Nozzles

- 100 psi (7 bar) standard, 75 psi (5 & 6 bar) optional
- Compatible with Quick Attack Foam Tube Style 766, See page 21

- 1714** 1 1/2" Turbojet Tip
- 1715** 1 1/2" Turbojet Nozzle
- 1716** 1 1/2" Turbojet Breakapart Nozzle
  - Combination of Style 1717 tip + Style 2115 shutoff
- 1717** 1 1/2" Turbojet Tip with Twist Shutoff
- 1718** 1 1/2" Turbojet Breakapart Nozzle with Pistol Grip
  - Combination of Style 1717 tip + Style 2116 shutoff
- 1720** 1 1/2" Turbojet Nozzle with Pistol Grip



Style 1717



Style 1720



Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
1714	1 1/2" (38 mm)	6 7/8" (165 mm)	2 1/4 (1 kg)	30-60-95-125	115-230-360-475
1715	1 1/2" (38 mm)	9 1/2" (232 mm)	3 1/2 (1.6 kg)	30-60-95-125	115-230-360-475
1716	1 1/2" (38 mm)	12" (295 mm)	3 3/4 (1.7 kg)	30-60-95-125	115-230-360-475
1717	1 1/2" (38 mm)	7 1/4" (175 mm)	2 1/4 (1 kg)	30-60-95-125	115-230-360-475
1718	1 1/2" (38 mm)	12" (295 mm)	4 1/8 (1.9 kg)	30-60-95-125	115-230-360-475
1720	1 1/2" (38 mm)	9 1/2" (232 mm)	4 (1.8 kg)	30-60-95-125	115-230-360-475

### 1 1/2" Electrical Turbojet Nozzles

- Designed to be used on class "C" hazards
- No straight stream capabilities (min. 30° fog)

- 1715E** 1 1/2" Electrical Turbojet Nozzle
- 1720E** 1 1/2" Electrical Turbojet Nozzle with Pistol Grip



Style 1720E



Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
1715E	1 1/2" (38 mm)	9 1/2" (232 mm)	3 1/2 (1.6 kg)	30-60-95-125	115-230-360-475
1720E	1 1/2" (38 mm)	9 1/2" (232 mm)	4 (1.8 kg)	30-60-95-125	115-230-360-475



## Wide-Range Turbojet Nozzles

- Flow settings at 100 psi (7 bar) standard, 75 psi (5 bar) optional
- Compatible with Quick-Attack Foam Tube Style 777, See page 21

- 1762 Wide-Range Turbojet Nozzle**
- 1763 Wide-Range Turbojet Nozzle with Pistol Grip**
- 1764 Wide-Range Turbojet Breakapart Nozzle**
  - Combination of Style 1767 tip + Style 2129 shutoff
- 1765 Wide-Range Turbojet Breakapart Nozzle with Pistol Grip**
  - Combination of Style 1767 tip + Style 2127 shutoff
- 1766 Wide-Range Turbojet Tip**
- 1767 Wide-Range Turbojet Tip with Twist Shutoff**



Style 1763



Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
1762	1 1/2" (38 mm)	11" (279 mm)	5 3/8 (2.4 kg)	30-95-125-150-200	115-360-475-550-750
1763	1 1/2" (38 mm)	11" (279 mm)	5 3/4 (2.6 kg)	30-95-125-150-200	115-360-475-550-750
1764	1 1/2" (38 mm)	10 1/2" (267 mm)	5 1/4 (2.4 kg)	30-95-125-150-200	115-360-475-550-750
1765	1 1/2" (38 mm)	10 1/2" (267 mm)	5 9/16 (2.5 kg)	30-95-125-150-200	115-360-475-550-750
1766	1 1/2" (38 mm)	7 1/2" (190 mm)	3 1/2 (1.6 kg)	30-95-125-150-200	115-360-475-550-750
1767	1 1/2" (38 mm)	7 1/2" (190 mm)	3 1/2 (1.6 kg)	30-95-125-150-200	115-360-475-550-750

## Mid-Range Turbojet Nozzles

- Flow settings at 100 psi (7 bar) operating pressure
- Compatible with Quick-Attack Foam Tube Style 768, See page 21

- 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 + Style 2129 shutoff
- 1735 Mid-Range Turbojet Breakapart Nozzle with Pistol Grip**
  - Combination of Style 1724 tip + Style 2127 shutoff
- 1737 Mid-Range Turbojet Tip**



Style 1723



Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
1722	1 1/2" (38 mm)	10 3/4" (273 mm)	6 (2.7 kg)	95-125-150-200	360-475-550-750
1723	1 1/2" (38 mm)	10 3/4" (273 mm)	6 1/2 (2.9 kg)	95-125-150-200	360-475-550-750
1724	1 1/2" (38 mm)	6" (152 mm)	4 1/2 (2.0 kg)	95-125-150-200	360-475-550-750
1734	1 1/2" (38 mm)	9" (229 mm)	6 1/4 (2.9 kg)	95-125-150-200	360-475-550-750
1735	1 1/2" (38 mm)	9" (229 mm)	6 5/8 (3.0 kg)	95-125-150-200	360-475-550-750
1737	1 1/2" (38 mm)	6" (152 mm)	4 1/2 (2.0 kg)	95-125-150-200	360-475-550-750



### High-Range Turbojet Nozzles

- Flow setting upto 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 21

- 1725** 2 1/2" High-Range Turbojet Nozzle
- 1726** 2 1/2" High-Range Turbojet Breakapart Nozzle
  - Combination of Style 1727 tip + Style 2125 shutoff
- 1727** 1 1/2" High-Range Turbojet Tip with Twist Shutoff
- 1728** 1 1/2" High-Range Turbojet Breakapart Nozzle
  - Combination of Style 1727 tip + Style 2129 shutoff
- 1733** 2 1/2" High-Range Turbojet Nozzle with Pistol Grip
- 1736** 2 1/2" High-Range Turbojet Breakapart Nozzle with Pistol Grip
  - Combination of Style 1727 tip + Style 2126 shutoff
- 1738** 1 1/2" High-Range Turbojet Breakapart Nozzle with Pistol Grip
  - Combination of Style 1727 tip + Style 2127 shutoff
- 1744** 1 1/2" High-Range Turbojet Tip
- 2730** 2 1/2" High-Range Turbojet Tip with Axial Playpipe
  - Combination of Style 1727 tip + Style 2390 Playpipe



Style 1727

Style 1725

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
1725	2 1/2" (65 mm)	11 1/2" (292 mm)	6 1/4 (2.8 kg)	125-150-200-250	475-550-750-950
1726	2 1/2" (65 mm)	12" (305 mm)	7 1/8 (3.2 kg)	125-150-200-250	475-550-750-950
1727	1 1/2" (38 mm)	7" (178 mm)	4 1/2 (2.0 kg)	125-150-200-250	475-550-750-950
1728	1 1/2" (38 mm)	11 3/8" (289 mm)	6 1/4 (2.8 kg)	125-150-200-250	475-550-750-950
1733	2 1/2" (65 mm)	11 1/2" (292 mm)	6 3/4 (3.1 kg)	125-150-200-250	475-550-750-950
1736	2 1/2" (65 mm)	12 3/4" (324 mm)	7 3/8 (3.3 kg)	125-150-200-250	475-550-750-950
1738	1 1/2" (38 mm)	12 3/4" (324 mm)	6 5/8 (3.0 kg)	125-150-200-250	475-550-750-950
1744	1 1/2" (38 mm)	6" (152 mm)	4 1/2 (2.0 kg)	125-150-200-250	475-550-750-950
2730	2 1/2" (65 mm)	16 1/2" (419 mm)	10 (4.5 kg)	125-150-200-250	475-550-750-950

### 1 1/2" Industrial Turbojet Nozzles

- Brass construction
- All 1 1/2" Industrial Turbojets are FM approved
- Flow setting at 100 psi (7 bar) operating pressure
- Compatible with Quick-Attack Foam Tube Style 765, See page 21

- 3716** 1 1/2" Industrial Turbojet Nozzle
- 3718** 1 1/2" Industrial Turbojet Nozzle
- 3719** 1 1/2" Industrial Turbojet Nozzle with Pistol Grip
  - Flow set to 95 GPM (360 LPM)
- 3721** 1 1/2" Industrial Turbojet Nozzle with Pistol Grip



Style 3721

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
3716	1 1/2" (38 mm)	7 7/8" (200 mm)	7 1/2 (3.4 kg)	60-95-125	230-360-475
3718	1 1/2" (38 mm)	7 7/8" (200 mm)	7 1/2 (3.4 kg)	95	360
3719	1 1/2" (38 mm)	7 7/8" (200 mm)	8 3/4 (4.0 kg)	95	360
3721	1 1/2" (38 mm)	7 7/8" (200 mm)	8 3/4 (4.0 kg)	60-95-125	230-360-475

### 2 1/2" Industrial Turbojet Nozzle

- 3725** 2 1/2" Industrial Turbojet Nozzle
  - Brass construction
  - Flow setting at 100 psi (7 bar) operating pressure
  - Compatible with Quick-Attack Foam Tube Style 785, See page 21



Style 3725

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
3725	2 1/2" (65 mm)	10 1/4" (260 mm)	12 1/2 (5.7 kg)	120-150-200-250	450-550-750-950



# SaberJet™ (Single Shutoff)

The SaberJet Nozzle employs the latest in firefighting nozzle technology. The Single Shutoff SaberJet is a truly multi-purpose nozzle with the penetration of a solid bore tip and the advantages of a fog pattern. The Single Shutoff SaberJet has a unique three position handle and ball to give you solid bore, fog or closed positions. The nozzle is capable of operating efficiently at pressures as low as 50 psi to reduce firefighter fatigue, or up to 100 psi for maximum flow. This versatile nozzle is well suited for multiple applications. If you are looking for a multi-purpose nozzle, look no further... SaberJet is your answer.

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## Mid-Range SaberJet Nozzles (SSO)

• Compatible with Quick-Attack Foam Tube Style 768, See page 21

**1532 Mid-Range SaberJet SSO Nozzle**

**1533 Mid-Range SaberJet SSO Nozzle with Pistol Grip**

Style	Swivel Inlet	Length	Weight Lbs. (kg)	Tip Options	Fog at 100 PSI (7 bar)	
					GPM	LPM
1532	1 1/2" (38 mm)	11 1/8" (283 mm)	5 3/4 (2.6 kg)	3/4", 7/8", 15/16", 1" *	135	510
1533	1 1/2" (38 mm)	11 1/8" (283 mm)	6 1/4 (2.8 kg)	3/4", 7/8", 15/16", 1" *	135	510

\* Must Specify



Style 1533

## High-Range SaberJet Nozzles (SSO)

• Compatible with Quick-Attack Foam Tube Style 768, See page 21

**1535 High-Range SaberJet SSO Nozzle**

**1536 High-Range SaberJet SSO Nozzle with Pistol Grip**

Style	Swivel Inlet	Length	Weight Lbs. (kg)	Tip Options	Fog at 100 PSI (7 bar)	
					GPM	LPM
1535	2 1/2" (65 mm)	11 3/4" (298 mm)	6 (2.7 kg)	3/4", 7/8", 15/16", 1" *	135	510
1536	2 1/2" (65 mm)	11 3/4" (298 mm)	6 1/2 (2.9 kg)	3/4", 7/8", 15/16", 1" *	135	510

\* Must Specify



Style 1536



Style 1533



Solid Bore



Fog

# SaberJet™ (Dual Shutoff)

The patented SaberJet Nozzle employs the latest in firefighting nozzle technology. The Dual Shutoff SaberJet is our original multi-purpose nozzle with both solid bore penetration and fog stream capability. It also gives you the ability to flow both at the same time. The Dual Shutoff SaberJet can operate efficiently at pressures as low as 50 psi for reduced firefighter fatigue, or up to 100 psi for maximum flow. This versatile nozzle is well suited for multiple applications, making it a truly multi-purpose nozzle.



Style 1512

Patent 6,877,676



Fog



Solid Bore



Combination Stream  
(Dual Shutoff only)

## 1" SaberJet Nozzles (DSO)

- Compatible with Quick-Attack Foam Tube Style 777, See page 21

- 1512** 1" SaberJet Nozzle DSO with Pistol Grip
- 1513** 1" SaberJet DSO Nozzle

Style	Swivel Inlet	Length	Weight lbs. (kg)	Tip Options	Fog at 100 PSI (7 bar)	
					GPM	LPM
1512	1" (25 mm)	10 1/2" (267 mm)	5 3/8 (2.4 kg)	3/8", 1/2", 5/8" * (9.5, 13, 16 mm)	60	230
1513	1" (25 mm)	10 1/2" (267 mm)	5 (2.3 kg)	3/8", 1/2", 5/8" * (9.5, 13, 16 mm)	60	230

\* Must Specify

## 1 1/2" SaberJet Nozzles (DSO)

- Compatible with Quick-Attack Foam Tube Style 777, See page 21

- 1515** 1 1/2" SaberJet DSO Nozzle
- 1520** 1 1/2" SaberJet DSO Nozzle with Pistol Grip

Style	Swivel Inlet	Length	Weight lbs. (kg)	Tip Options	Fog at 100 PSI (7 bar)	
					GPM	LPM
1515	1 1/2" (38 mm)	10 1/2" (267 mm)	5 (2.3 kg)	3/8", 1/2", 5/8" * (9.5, 13, 16 mm)	95	360
1520	1 1/2" (38 mm)	10 1/2" (267 mm)	5 3/8 (2.4 kg)	3/8", 1/2", 5/8" * (9.5, 13, 16 mm)	95	360

\* Must Specify

## Mid-Range SaberJet Nozzles (DSO)

- Compatible with Quick-Attack Foam Tube Style 768, See page 21

- 1522** Mid-Range SaberJet DSO Nozzle
- 1523** Mid-Range SaberJet DSO Nozzle with Pistol Grip

Style	Swivel Inlet	Length	Weight lbs. (kg)	Tip Options	Fog at 100 PSI (7 bar)	
					GPM	LPM
1522	1 1/2" (38 mm)	11" (279 mm)	5 3/4 (2.6 kg)	3/4", 7/8", 1 1/16", 1" * (19, 22, 24, 25 mm)	135	510
1523	1 1/2" (38 mm)	11" (279 mm)	6 1/4 (2.8 kg)	3/4", 7/8", 1 1/16", 1" * (19, 22, 24, 25 mm)	135	510

\* Must Specify

## High-Range SaberJet Nozzles (DSO)

- Compatible with Quick-Attack Foam Tube Style 768, See page 21

- 1525** High-Range SaberJet DSO Nozzle
- 1526** High-Range SaberJet DSO Nozzle with Pistol Grip

Style	Swivel Inlet	Length	Weight lbs. (kg)	Tip Options	Fog at 100 PSI (7 bar)	
					GPM	LPM
1525	2 1/2" (65 mm)	11 5/8" (295 mm)	6 (2.7 kg)	3/4", 7/8", 1 1/16", 1" * (19, 22, 24, 25 mm)	135	510
1526	2 1/2" (65 mm)	11 5/8" (295 mm)	6 1/2 (2.9 kg)	3/4", 7/8", 1 1/16", 1" * (19, 22, 24, 25 mm)	135	510

\* Must Specify

## High-Range SaberJet Nozzles (DSO)

- Compatible with Quick-Attack Foam Tube Style 768, See page 21
- Saberjet with 1 1/8" tip ideal for CAFS

- 1527** High-Range SaberJet DSO Nozzle
  - Specify 2 1/2" or 1 1/2" swivel inlet
- 1528** High-Range SaberJet DSO Nozzle with Pistol Grip

Style	Swivel Inlet	Length	Weight lbs. (kg)	Tip Options	Fog at 100 PSI (7 bar)	
					GPM	LPM
1527	2 1/2" or 1 1/2" * (65 or 38 mm)	11 5/8" (295 mm)	6 (2.7 kg)	1 1/8" (29 mm)	135	510
1528	2 1/2" or 1 1/2" * (65 or 38 mm)	11 5/8" (295 mm)	6 1/2 (2.9 kg)	1 1/8" (29 mm)	135	510

\* Must Specify





# Zero Torque™

## Zero Torque™

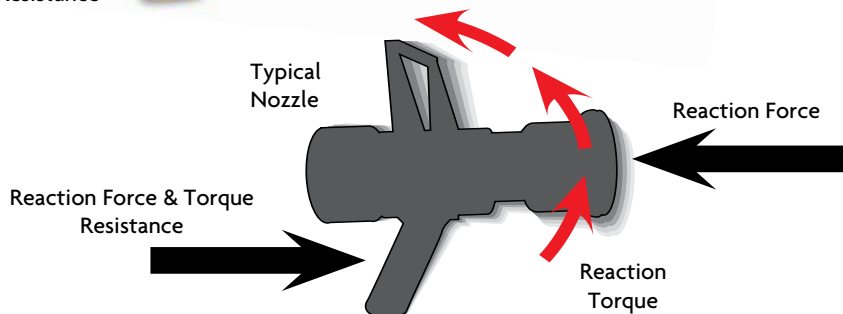
The Zero Torque (ZT) nozzle is the first nozzle specifically designed with ergonomics, handling, control and reduced firefighter fatigue in mind. The ZT naturally keeps the nozzle out in front of the firefighter to allow for easier operation and provide better control. In addition the pistol grip and 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" 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", Mid-Range, Wide-Range, and 2 1/2" Turbojet, SaberJet, or Assault 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", Wide-Range, Mid-Range, or 2 1/2" non-pistol grip Style and add "with ZT". For example: Style 1715 w/ZT, Style 1532 w/ZT, or Style 4862 w/ZT.

### Superior Handling:

The ZT pistol grip and inlet swivel are positioned to eliminate the reaction torque found in all conventional designs providing reduced short-term fatigue and better overall handling.



### Superior Control:

The ZT nozzles extended design naturally keeps the nozzle out in front of the firefighter to allow for easier operation and provide better overall control, just like firefighters have been trained for years.

Reaction force is distributed to stronger muscles for reduced fatigue



ZT - extended position for superior control

Natural hand & wrist position for reduced strain

Forearm fatigue



Typical nozzle - close in position, reduced control

Hand & wrist strain

### Superior Firefighting:

Designed by experts in industrial design and ergonomics, tested by experienced, professional firefighters, and combined with proven Akron Brass nozzles – the ZT nozzle translates to better overall firefighting.



# Assault™ Nozzles

Akron® Assault Nozzles combine the 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 makes the Assault an unbeatable value.

The Assault provides:

- Better stream performance at pressures as low as 50 PSI
- Affordably priced
- Simplified nozzle training
- No recalibration required
- Low maintenance due to simple, durable design

### Features:

- Pattern Identification
- Enhanced flow characteristics on 2 1/2" Assaults (deeper throat design)
- Larger more legible labels
- Easy to operate (1/4 turn from straight stream to fog)
- Raised lug marks straight stream for limited visibility operations
- Easy to service & repair
- Meets European Standard



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

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

Ergonomic Bale Handle

Lightweight Pyrolite® Construction

High Visibility, User Friendly Operating Labels

Raised Lug on the Bumper for Easier Pattern Identification

Spinning Teeth or Molded Teeth (Metal teeth available on 1 1/2" & Mid-Range Assaults)

1", 1 1/2" or 2 1/2" Full-Time Swivel Inlet

Flow Label on the Baffle for Easier Identification of Flow Setting



ALL ASSAULTS

**NFPA 1964**

COMPLIANT

**10**  
YEAR  
WARRANTY

With or Without Pistol Grip  
Pistol Grips and Handles Available in Various Colors!

Available in a Variety of Flows & Pressures

1 1/2", Mid-Range and High-Range Assaults Meet Insurance Services Office (ISO) Requirements



Optional Storz Inlets



Optional BIM Inlets



## 1" Assault Nozzles

- Quick change pattern adjustment
- 100 psi (7 bar), optional 6 bar available
- Styles 4801, 4802, and 4804 can be used for high pressure applications up to 580 psi (40 bar) hydrostatic pressure
- Compatible with Quick-Attack Foam Tube Style 755 (4801-4805) Style 777 (4712-4713, 4512-4813), See page 21



Style 4802

- 4801 1" Assault Nozzle with Spinning Teeth**
- 4802 1" Assault Nozzle with Pistol Grip and Spinning Teeth**
- 4804 1" Assault Tip with Spinning Teeth**
- 4712 1" Assault Nozzle with Pistol Grip and Molded Teeth**
  - 60 GPM (230 LPM) flow
- 4812 1" Assault Nozzle with Pistol Grip and Spinning Teeth**
  - 60 GPM (230 LPM) flow
- 4713 1" Assault Nozzle with Molded Teeth**
  - 60 GPM (230 LPM) flow
- 4813 1" Assault Nozzle with Spinning Teeth**
  - 60 GPM (230 LPM) flow

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
4801	1" (25 mm)	8 15/16" (227 mm)	2 7/8 (1.3 kg)	13, 25 or 40 *	50, 100 or 150 *
4802	1" (25 mm)	8 15/16" (227 mm)	3 1/4 (1.5 kg)	13, 25 or 40 *	50, 100 or 150 *
4804	1" (25 mm)	6" (152 mm)	2 (9 kg)	13, 25 or 40 *	50, 100 or 150 *
4712	1" (25 mm)	9 5/8" (244 mm)	4 3/8 (2.0 kg)	60	230
4812	1" (25 mm)	9 5/8" (244 mm)	4 3/8 (2.0 kg)	60	230
4713	1" (25 mm)	9 5/8" (244 mm)	4 (1.8 kg)	60	230
4813	1" (25 mm)	9 5/8" (244 mm)	4 (1.8 kg)	60	230

\* Must specify flow option

## 1 1/2" Assault Nozzles

- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart to right
- Compatible with Quick-Attack Foam Tube Style 777, See page 21



Style 4817



1 1/2" and Mid-Range Assaults meet Insurance Services Office (ISO) Requirements



Style 4817

- 4714 1 1/2" Assault Tip with Molded Teeth**
- 4814 1 1/2" Assault Tip with Spinning Teeth**
- 4715 1 1/2" Assault Nozzle with Molded Teeth**
- 4815 1 1/2" Assault Nozzle with Spinning Teeth**
- 4716 1 1/2" Assault Breakpart Nozzle with Molded Teeth**
  - Combination of Style 4717 tip + Style 2115 shutoff
- 4816 1 1/2" Assault Breakpart Nozzle with Spinning Teeth**
  - Combination of Style 4817 tip + Style 2115 shutoff
- 4717 1 1/2" Assault Tip with Twist Shutoff and Molded Teeth**
- 4817 1 1/2" Assault Tip with Twist Shutoff and Spinning Teeth**
- 4718 1 1/2" Assault Breakpart Nozzle with Pistol Grip and Molded Teeth**
  - Combination of Style 4717 tip + Style 2116 shutoff
- 4818 1 1/2" Assault Breakpart Nozzle with Pistol Grip and Spinning Teeth**
  - Combination of Style 4817 tip + Style 2116 shutoff
- 4819 1 1/2" Assault Breakpart Nozzle with Spinning Teeth**
  - Combination of Style 4817 tip + Style 2129 shutoff
- 4720 1 1/2" Assault Nozzle with Pistol Grip and Molded Teeth**
- 4820 1 1/2" Assault Nozzle with Pistol Grip and Spinning Teeth**
- 4821 1 1/2" Assault Breakpart Nozzle with Pistol Grip and Spinning Teeth**
  - Combination of Style 4817 tip + Style 2127 shutoff

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

NOZZLE PSI	60	95	95	125	125	150	150	150	175	175	200
	@ 100	@ 75	@ 100	@ 75	@ 100	@ 50	@ 75	@ 100	@ 75	@ 100	@ 100
Actual GPM											
50	42	78	67	102	88	150	122	106	143	124	141
75	52	95	82	125	108	184	150	130	175	152	173
100	60	110	95	144	125	212	173	150	202	175	200

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

NOZZLE BAR	230	360	360	475	475	550	550	550	660	660	750
	@ 7	@ 5	@ 7	@ 5	@ 7	@ 3	@ 5	@ 7	@ 5	@ 7	@ 7
Actual LPM											
3	159	295	254	386	333	550	462	401	541	469	534
5	197	360	310	475	409	696	550	492	660	575	655
7	230	416	360	545	475	802	655	550	765	660	750

Optional 6 bar available

Style	Swivel Inlet	Length	Weight lbs. (kg)
4714	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4715	1 1/2" (38 mm)	8 3/8" (213 mm)	3 1/2 (1.6 kg)
4716	1 1/2" (38 mm)	10 1/2" (267 mm)	4 (1.8 kg)
4717	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4718	1 1/2" (38 mm)	11" (279 mm)	4 5/8 (2.2 kg)
4720	1 1/2" (38 mm)	8 3/8" (213 mm)	3 3/4 (1.7 kg)
4814	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4815	1 1/2" (38 mm)	8 3/8" (213 mm)	4 (1.8 kg)
4816	1 1/2" (38 mm)	10 1/2" (267 mm)	4 (1.8 kg)
4817	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4818	1 1/2" (38 mm)	11" (279 mm)	4 5/8 (2.2 kg)
4819	1 1/2" (38 mm)	10 7/8" (276 mm)	4 1/4 (1.9 kg)
4820	1 1/2" (38 mm)	8 3/8" (213 mm)	4 1/4 (1.9 kg)
4821	1 1/2" (38 mm)	10 7/8" (276 mm)	4 1/4 (1.9 kg)



## 1 1/2" Electrical Assault Nozzles

- Designed to be used on class "C" hazards
- No straight stream capabilities (min. 30° fog)
- 100 psi (7 bar) operation pressure
- SPECIFY PRESSURE AND FLOW, see page 12 - 1 1/2" Assault Nozzle
- 95 and 125 gpm only

**4815E 1 1/2" Electrical Assault Nozzle with Spinning Teeth**

**4820E 1 1/2" Electrical Assault Nozzle with Pistol Grip and Spinning Teeth**



Style 4815E

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
4815E	1 1/2" (38 mm)	8 3/8" (213 mm)	3 1/2 (1.6 kg)	90 or 125 only *	360 or 475 only*
4820E	1 1/2" (38 mm)	8 3/8" (213 mm)	3 3/4 (1.7 kg)	90 or 125 only *	360 or 475 only*

\* Must specify

## Improved Mid-Range Assault Nozzles

- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart below
- Compatible with Quick-Attack Foam Tube Style 777, See page 21

**4862 Mid-Range Assault Nozzle**

**4863 Mid-Range Assault Nozzle with Pistol Grip**

**4864 Mid-Range Assault Breakapart Nozzle**

- Combination of Style 4867 tip + Style 2129 shutoff

**4865 Mid-Range Assault Breakapart Nozzle with Pistol Grip**

- Combination of Style 4867 tip + Style 2127 shutoff

**4866 Mid-Range Assault Tip**

**4867 Mid-Range Assault Tip with Twist Shutoff**



Style 4863

Style	Swivel Inlet	Length	Weight lbs. (kg)
4862	1 1/2" (38 mm)	8 3/4" (222 mm)	4 (1.8 kg)
4863	1 1/2" (38 mm)	9" (222 mm)	4 1/4 (1.9 kg)
4864	1 1/2" (38 mm)	10 7/8" (276 mm)	4 1/4 (1.9 kg)
4865	1 1/2" (38 mm)	10 7/8" (276 mm)	4 5/8 (2.1 kg)
4866	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)
4867	1 1/2" (38 mm)	6 1/2" (165 mm)	2 3/4 (1.2 kg)

Pressure & Flow For Mid-Range Assault Nozzles

NOZZLE PSI	150 @ 50	150 @ 75	175 @ 75	175 @ 100	150 @ 100	200 @ 75	200 @ 100	225 @ 100
	Actual GPM							
50	150	122	143	124	106	163	141	159
75	184	150	175	152	130	200	173	195
100	212	173	202	175	150	231	200	225

Pressure & Flow For Mid-Range Assault Nozzles

NOZZLE BAR	550 @ 3	550 @ 5	550 @ 7	660 @ 5	660 @ 7	750 @ 5	750 @ 7	852 @ 7
	Actual LPM							
3	550	462	401	541	469	617	534	602
5	696	550	492	660	575	750	655	738
7	802	738	550	765	660	874	750	852



## High-Range Assault Nozzles

- Quick change pattern adjustment
- SPECIFY PRESSURE AND FLOW, see chart below

- 4822** 1 1/2" High-Range Assault Nozzle with Spinning Teeth
- 4823** 1 1/2" High-Range Assault Nozzle with Pistol Grip and Spinning Teeth
- 4824** 1 1/2" High-Range Assault Tip with Spinning Teeth
- 4825** 2 1/2" High-Range Assault Nozzle with Spinning Teeth
- 4826** 2 1/2" High-Range Assault Nozzle with Pistol Grip and Spinning Teeth
- 4827** 1 1/2" High-Range Assault Tip with Twist Shutoff and Spinning Teeth
- 4830** 2 1/2" High-Range Assault Tip with Axial Playpipe
  - Combination of Style 4827 tip + Style 2390 playpipe
- 4834** 1 1/2" High-Range Assault Breakpart Nozzle with Pistol Grip
  - Combination of Style 4827 tip + Style 2127 shutoff
- 4835** 1 1/2" High-Range Assault Breakpart Nozzle
  - Combination Style 4827 tip + Style 2129 shutoff
- 4836** 2 1/2" High-Range Assault Breakpart Nozzle with Pistol Grip
  - Combination of Style 4827 tip + Style 2126 shutoff
- 4837** 2 1/2" High-Range Assault Tip with Twist Shutoff and Spinning Teeth
- 4838** 2 1/2" High-Range Assault Breakpart Nozzle
  - Combination of Style 4827 tip + Style 2125 shutoff

Style	Swivel Inlet	Length	Weight lbs. (kg)
4822	1 1/2" (38 mm)	11 1/2" (292 mm)	6 1/2 (7.5 kg)
4823	1 1/2" (38 mm)	11 1/2" (292 mm)	7 1/4 (3.3 kg)
4824	1 1/2" (38 mm)	8 3/4" (210 mm)	5 1/4 (2.4 kg)
4825	2 1/2" (65 mm)	12 1/8" (206 mm)	7 1/8 (3.2 kg)
4826	2 1/2" (65 mm)	12 1/8" (206 mm)	7 5/8 (3.5 kg)
4827	1 1/2" (38 mm)	8 3/4" (222 mm)	5 7/8 (2.7 kg)
4830	2 1/2" (65 mm)	16 3/4" (425 mm)	11 3/8 (5.2 kg)
4834	1 1/2" (38 mm)	13 1/2" (343 mm)	8 (3.6 kg)
4835	1 1/2" (38 mm)	13 1/8" (333 mm)	7 5/8 (3.5 kg)
4836	2 1/2" (65 mm)	14" (356 mm)	8 3/4 (4.0 kg)
4837	2 1/2" (65 mm)	9 1/2" (241 mm)	6 1/2 (2.9 kg)
4838	2 1/2" (65 mm)	13 5/8" (346 mm)	8 1/2 (3.9 kg)

2 1/2" Assaults meet Insurance Services Office (ISO) requirements.



Style 4825



Style 4830

Pressure & Flow Options for High-Range Assault Nozzles

NOZZLE PSI	200 @ 75	200 @ 100	250 @ 50	250 @ 75	250 @ 100	300 @ 75	300 @ 100	350 @ 100
	Actual GPM							
50	163	141	250	204	177	245	212	247
75	200	173	306	250	217	300	260	303
100	231	200	354	289	250	346	300	350

Pressure & Flow Options For High-Range Assault Nozzles

NOZZLE Bar	750 @ 5	750 @ 7	950 @ 3	950 @ 5	950 @ 7	1140 @ 5	1140 @ 7	1325 @ 7
	Actual LPM							
3	617	534	950	772	670	927	802	935
5	750	655	1158	950	821	1140	984	1147
7	874	750	1340	1094	950	1310	1140	1325



# High Pressure Nozzles

High Pressure nozzles and shutoffs are designed to provide powerful streams at higher pressures.

- High quality, harder hitting, straight stream performance
- Flush without shutting down
- Raised Bumper Lug For Straight Stream Pattern Identification
- Quick-Attack™ Foam Tubes Available
- Lightweight Pyrolite® Construction

## High Pressure Trigger Shutoff

This shutoff is a compact, lightweight, easy-to-use shutoff for high pressure nozzles. The ergonomically designed trigger shutoff automatically shuts off flow when released. Designed for high pressure applications up to 700 psi (48 bar) hydrostatic pressure. For use with High Pressure Turbojet® and Assault™ Tips.



Style 753  
Shown with Style 1703

### 753 High Pressure Trigger Shutoff

- 1" swivel inlet x 1 1/2" male

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
753	1" (25 mm)	7 3/4" (197 mm)	4 (1.8 kg)	13-60	50-230

## High Pressure Turbojet® Nozzles

- Rated for hydrostatic pressures up to 580 psi (40 bar)
- Flow settings indicate flow at 100 psi (7 bar)
- Spinning teeth for full fog pattern
- Raised bumper lug for straight stream pattern identification



Style 1704

### 1702 High Pressure Turbojet Nozzle with Pistol Grip

### 1703 High Pressure Turbojet Tip

- For use with Style 753 High Pressure Trigger Shutoff

### 1704 High Pressure Turbojet

### 1711 High Pressure Turbojet Tip

- For use with Style 753 High Pressure Trigger Shutoff

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
1702	1" (25 mm)	8 1/8" (206 mm)	3 (1.4 kg)	13-25-40-60	50-100-150-230
1703	1 1/2" (38 mm)	5 1/2" (140 mm)	1 3/4 (.8 kg)	13-25-40-60	50-100-150-230
1704	1" (25 mm)	8 1/8" (206 mm)	3 (1.4 kg)	18-30* 13-23-30*	70-115* 50-90-115*
1711	1 1/2" (38 mm)	5 1/2" (140 mm)	1 3/4 (.8 kg)	18-30* 13-23-30*	70-115* 50-90-115*

\* Must specify flow

## High Pressure Assault™ Nozzles

The High Pressure Assault Nozzle provides better stream performance in a simpler, more durable, easy-to-use nozzle. Must specify flow option.

- For pressures up to 580 psi (40 bar)
- Flow settings indicated flow at 100 psi (7 bar)
- Simpler ball shutoff operation
- 105° wide fog with spinning teeth
- Easier handling due to lightweight and smaller size
- Raised bumper lug for straight stream pattern identification



Style 4803

### 4802 High Pressure Assault Nozzle with Pistol Grip

### 4803 High Pressure Assault Tip

- For use with Style 753 High Pressure Trigger Shutoff

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
4802	1" (25 mm)	9" (229 mm)	3 1/4 (1.5 kg)	13, 25 or 40	50, 100 or 150
4803	1 1/2" (38 mm)	5 3/4" (146 mm)	2 (.9 kg)	13, 25 or 40	50, 100 or 150

\* Must specify flow



# Low Pressure Nozzles

Today's firefighters often look for ways to reduce fatigue. One way is to use Low Pressure Nozzles. Low Pressure Nozzles require less nozzle pressure, thus reducing the effort required to either maintain or advance a line. Reduced nozzle pressure also causes a reduction in reaction force, thus making the handline easier to handle and maneuver. See pages 2 thru 13 for further information on all Turbojet, SaberJet and Assault Nozzles.

## Low Pressure Assault™ Nozzles

The Assault Nozzle utilizes modern nozzle technology to provide exceptional stream performance over a wide range of flows and pressures. When specified, Assault Nozzles can be factory set to flow at lower pressures. See page 153 for Assault flow data.

- Raised bumper lug for straight stream pattern identification
- All Assault Nozzles can be factory set to flow at low pressures
- Lightweight Pyrolite construction
- Spinning or molded teeth
- Simple, durable & low maintenance design

Size	Pressure		Flow Range	
	PSI	bar	GPM	LPM
1 1/2" (38 mm)	75	5	95, 125, 150, 175*	360, 475, 550, 660
1 1/2" (38 mm)	50	3.45	150	550
Mid-Range	75	5	150, 175, 200*	550, 660, 750
Mid-Range	50	3.45	150	550
2 1/2" (65 mm)	75	5	200, 250, 300*	750, 950, 1140
2 1/2" (65 mm)	50	3.45	250	950

\* Must specify



## Low Pressure SaberJet™ Nozzles

The SaberJet Nozzle is designed to provide both solid bore and fog streams, at pressures as low as 50 psi. See page 154 for SaberJet flow data.

- All SaberJet Nozzles operate efficiently at pressures as low as 50 psi
- Solid bore tip options: 3/8", 1/2", 5/8", 3/4", 7/8", 15/16", 1" and 1 1/8"
- Lightweight Pyrolite construction
- Spinning teeth for full fog pattern



## Low Pressure Turbojet® Nozzles

Low Pressure Turbojets are engineered to provide quality streams over a wide range of flows. The Low Pressure Turbojet incorporates all the great features of the standard Turbojet but factory set at 75 psi. See page 152 for Turbojet flow data.

- Raised bumper lug for straight stream pattern identification
- All 1 1/2", Wide-Range and 2 1/2" Turbojet Nozzles can be factory set to flow at 75 psi
- Lightweight Pyrolite construction
- Multiple-gallonage selection
- Spinning teeth for full fog pattern



### Operating Nozzles At Lower Pressure

100 psi inlet pressure is an industry standard applied to most fog nozzles, including the standard Turbojet, SaberJet and Assault. However, the engineering behind these nozzles allow them to produce quality fog and straight streams at pressures below 100 psi. When operating a nozzle at reduced inlet pressure, there will be a corresponding reduction in flow, reach and reaction force.

**NOTE:** It is not recommended to operate any combination fog/straight stream nozzle at pressures below 50 psi.



# Specialty Nozzles

## 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
- Rubber-like bumper and handle
- Constant gallonage in fog and straight stream patterns
- Flush without shutting down
- Repair kits available
- Compatible with 775 Quick Attack™ Foam Tube for Styles 3015-3021, see page 21



Style 3019

Style	Inlet	Length	Weight lbs. (kg)	Flow At 100 Psi		Pistol Grip
				GPM	LPM	
3015	1 1/2" (38 mm)	8 5/8" (219 mm)	7 1/8 (3.2 kg)	95	360	-
3016	1 1/2" (38 mm)	8 5/8" (219 mm)	7 1/8 (3.2 kg)	125	475	-
3019	1 1/2" (38 mm)	8 5/8" (219 mm)	7 3/4 (3.5 kg)	95	360	YES
3021	1 1/2" (38 mm)	8 5/8" (219 mm)	7 3/4 (3.5 kg)	125	475	YES
3025	2 1/2" (65 mm)	10" (254 mm)	13 (5.9 kg)	250	950	-

## Cellar Nozzles

- For attacking fires in hard-to-reach places
- Ball bearing revolving action

### 535 2 1/2" Cellar Nozzle

- 9 variable angle orifices: (3) 1/4" and (6) 13/32"
- Meets Insurance Services Office (ISO) requirements

### 536 1 1/2" Cellar Nozzle

- 6 variable angle orifices: (3) 1/4" and (3) 5/16"



Style 536

Style	Inlet	Length	Weight lbs. (kg)	Flow at 100 PSI	
				GPM	LPM
535	2 1/2" (65 mm)	5 1/8" (130 mm)	4 1/2 (2.0 kg)	250	950
536	1 1/2" (38 mm)	3 1/2" (89 mm)	4 1/4 (1.9 kg)	* 95	* 360

\* At 50 psi

## Cellar Nozzle Applicator

Akron Brass introduces a unique 90° Applicator with an integral Shut Off Valve and a Cellar Nozzle with foldable legs. This new unit is designed to free up the firefighter when confronted with situations requiring an overhead attack. Once this new 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
- Spray Pattern Diameter: 40' at 50 psi
- Lightweight Pyrolite® construction
- Weight: 18.6 lbs



Style 538  
Open



Style 538  
Closed



## Piercing Applicator

Use a sledge hammer to drive the Piercing Applicator through concrete block, cars, mobile homes, etc. It's 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

**PA-3D Piercing Applicator Extension**

3 ft. extension PA-3D is designed to screw into the end of the piercing applicator (Style 1088) in place of the drive button providing extra reach. This New Piercing Applicator Extension allows extra vantage for those hard to reach areas.

- 3 ft. extension to your Akron Piercing Applicator
- Easy to control D-Ring Handle
- Heavy Duty, Lightweight, 1 1/4" Fiberglass Pole
- Durable threaded connection



Style	Inlet	Length	Weight lbs. (kg)	Flow at 100 PSI	
				GPM	LPM
1088	1 1/2" (38 mm)	3' (914 mm)	11 (5.0 kg)	125	475



Piercing Applicator Extension

## Pistol Grip Adapter

- 1719 Pistol Grip Adapter**
- Lightweight Pyrolite® construction
  - 1 1/2" (38 mm) swivel inlet x 1 1/2" (38 mm) outlet
  - Length: 5 7/8"
  - Weight: 1 3/4 lbs.



## 1.5" Thread Protector

- 2400 Thread Protector**
- The thread protector is designed to protect the threads on products like the Saber™ Shutoff, Leader Line Wyes, Mini Stream Shapers, In-Line Eductors or anything with 1.5" threads. This 1.5" thread protector comes with a sure grip knurled finish that makes it easy to affix and/or remove. It is made of orange anodized aluminum.



## 1" Self-Educting Forestry Nozzle



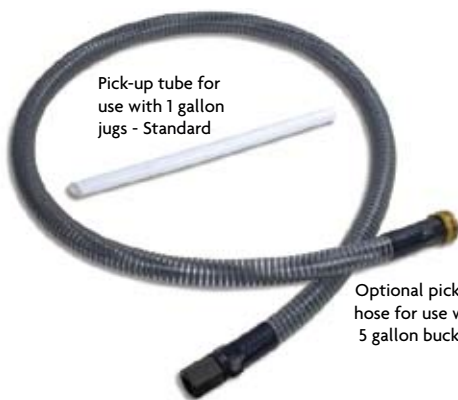
1230

### 1" Self-Educting Forestry Nozzle

- Heavy Duty Pyrolite Construction
- Adjustable metering dial for eduction from "off" to 6%
- Self-Educting for ease of use with gel application
- Dual shutoff for better performance
  - Bail shutoff to stop the water flow
  - Twist shutoff to allow back flush
- Eductor back-flush for easy cleaning of gel out of the eductor
- Check valve in Eductor to prevents water from entering the gel
- Static mixer in throat for better gel mixing and better performance
- Variable pattern control for straight stream to fog pattern
- 15 GPM at 100 psi: Ideal setting for gel applications



Style 1230



Pick-up tube for use with 1 gallon jugs - Standard

Optional pick-up hose for use with 5 gallon buckets



Style 1230 Shown Connected to 1 Gallon Jug

## 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:

- Off
- Low flow
- Straight stream
- Low flow
- Narrow fog
- High flow straight stream
- High flow fog

1700

### Bush Nozzle

- 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



Style 1030

Style 1700

Style	Inlet	Length	Weight lbs. (kg)	Flow at 100 PSI	
				GPM	LPM
1030	1" (25 mm)	4" (102 mm)	1/2 (.2 kg)	10 - 30	38 - 115
1700	1" (25 mm)	6 3/8" (153 mm)	2 (.9 kg)	Mop (8)-15-30	Mop (30)-60-115

## Hose Rack Nozzle

- 721 Hose Rack Nozzle**
- 1 1/2" FM approved
  - Shuts off past wide fog to reduce reaction force when opening
  - Protective rubber bumper
  - Available in cast or chrome finish

Style	Inlet	Length	Weight lbs. (kg)	Flow at 100 PSI	
				GPM	LPM
721	1" (25 mm)	4 3/4" (120 mm)	2 1/2 (1.1 kg)	34	128
721	1 1/2" (38 mm)	5 3/4" (146 mm)	4 5/8 (2.1 kg)	115	435



Style 721

## Industrial Fog Nozzle

- 1300 1 1/2" Industrial Fog Nozzle**
- Shuts off past straight stream and fog pattern
  - Cast finish only

Style	Inlet	Length	Weight lbs. (kg)	Flow at 100 PSI	
				GPM	LPM
1300	1 1/2" (38 mm)	5 5/8" (143 mm)	4 1/4 (1.9 kg)	128	485



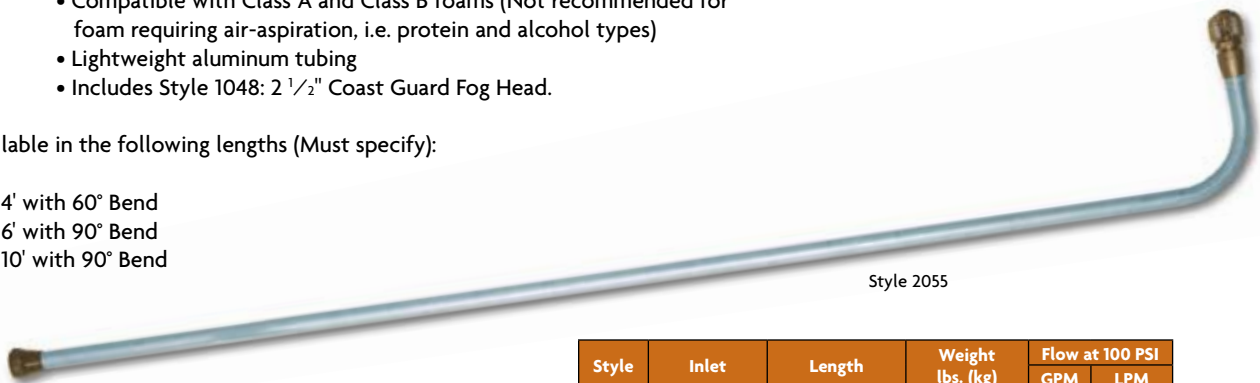
Style 1300

## 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: 2 1/2" Coast Guard Fog Head.

Available in the following lengths (Must specify):

- 4' with 60° Bend
- 6' with 90° Bend
- 10' with 90° Bend



Style 2055

Style	Inlet	Length	Weight lbs. (kg)	Flow at 100 PSI	
				GPM	LPM
2055	1 1/2" (38 mm)	10' (3048 mm)	6 1/2 (7.5 kg)	95	360



# Foam Nozzles

## Master Stream Foam Aeration Nozzles

- Pyrolite® finish

### 3625 Master Stream Foam Nozzle

- For use with AFFF
- Expansion rate up to 12:1



Style 3625



Style 3626  
With Manual Dispersion Jaws

### 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 1/2" Dual Flow Master Stream Foam Nozzle

- Electric Actuated infinitely adjustable Dispersion Jaws
- For use with FFFF
- Expansion rate up to 6:1

Style	Inlet	Length	Weight lbs. (kg)	Flow	
				GPM	LPM
3625	2 1/2" (64 mm)	29 1/16" (738 mm)	6 1/4 (2.8 kg)	500* (250) at 100 psi	1900* (950) at 7 bar
3626	2 1/2" (64 mm)	28" (711 mm)	10 (4.5 kg)	800 or 1000 at 150 psi	3030 or 3800 at 10 bar
3623	2 1/2" (64 mm)	28" (711 mm)	14 1/4 (6.5 kg)	750/375 at 125 psi	2900/1420 at 9 bar
3624**	3 1/2" (89 mm)	54" (1372 mm)	29 (13 kg)	1600/800 @ (190 psi)	6000/3000 @ (13 bar)

\* 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 1/2%, 1% or 3%
- Expansion rate up to 14:1
- Pressure rated at 100 psi (7 bar)

### 3602 Foam Nozzle

- Flows 60 GPM (230 LPM)

### 3601 Foam Nozzle with Pickup Tube

### 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)

### 3121 Foam Nozzle with Pickup Tube

- Flows 120 GPM (450 LPM)



Style 3951

Style 3952

Style	Inlet	Length	Weight lbs. (kg)	Flow at 100 PSI	
				GPM	LPM
3120	2 1/2" (65 mm)	41" (1040 mm)	5 (2.3 kg)	120	450
3121	2 1/2" (65 mm)	41" (1040 mm)	7 (3.2 kg)	120	450
3601	1 1/2" (38 mm)	30 1/4" (768 mm)	5 (2.3 kg)	60	230
3602	1 1/2" (38 mm)	30 1/4" (768 mm)	3 (1.4 kg)	60	230
3951	1 1/2" (38 mm)	38" (965 mm)	6 (2.7 kg)	95	360
3952	1 1/2" (38 mm)	38" (965 mm)	4 (1.8 kg)	95	360

## Challenger™ Dual-Flow Foam Nozzle

Developed to meet the needs of aircraft rescue and firefighting nozzles.

- Dual-flow design: 60 gpm (230 lpm) and 120 gpm (460 lpm)
- Adjust flows by turning the flow control ring
- Aluminum air aspirating expansion tube with dispersion jaws

### 2001 Challenger Dual-Flow Foam Nozzle

- Inlet options: 1 1/2" threaded, storz or 2 1/2" BIM
- Threaded length: 24 5/8", weight: 6 lbs.
- Expansion rate between 8:1 and 15:1



Style 2001  
Shown with Storz  
inlet optional

Style	Inlet	Length	Weight lbs. (kg)	Flow at 100 PSI	
				GPM	LPM
2001	1 1/2" threaded, storz or 2 1/2" BIM (38 mm or 65 mm)	24 5/8" (1040 mm)	6 (2.7 kg)	60 and 120	230 and 460

# Foam Tubes

## Mid-X™ Medium Expansion Foam Aeration Tube

The new 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. The Mid-X attaches in a matter of seconds to many Akron Brass handline nozzles.

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



Style 877  
Shown on Style 4820

Style	Nozzle	Year	Bumper Diameter
866	1 1/2" (38 mm) Turbojet	1993 - current	3 5/8" (92 mm)
868	Mid-Range Turbojet	1993 - current	4 1/2" (114 mm)
	Mid-Range & 2 1/2" (65 mm) SaberJet	All	
877	Wide-Range Turbojet	All	3 7/8" (98 mm)
	1" (25 mm) & 1 1/2" (38 mm) SaberJet	All	3 7/8" (98 mm)
	1 1/2" (38 mm) & Mid-Range Assault	All	

## 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 755: 30 gpm (115 lpm), Style 770: up to 250 gpm (950 lpm) all others up to 125 gpm (475 lpm)
- Length: Style 755: 11 1/2", all others: 16 3/4"
- Typical weight 2 lbs 10 oz



Style 768  
Quick Attack  
Foam Tube

Style	Nozzle	Year	Bumper Diameter
755	1" (25 mm) Turbojet	2000 - current	3" (76 mm)
	1" (25 mm) Assault	2000 - current	
	Force & Defender	All	
765	1 1/2" (38 mm) Turbojet	Pre 1993	3 3/8" (86 mm)
	1 1/2" (38 mm) Industrial Turbojet	All	
766	1" (25 mm) Turbojet	1993 - 2000	3 5/8" (92 mm)
	1 1/2" (38 mm) Turbojet	1993 - current	
768	Mid-Range Turbojet	1993 - current	4 1/2" (114 mm)
	Mid-Range & 2 1/2" (64 mm) SaberJet	All	
775	1 1/2" (38 mm) Marauder with molded teeth	All	3 5/8" (92 mm)
	1 1/2" (38 mm) 3015-3021	All	
776	1 1/2" (38 mm) Marauder with spinning teeth	All	3 3/4" (95 mm)
777	1 1/2" (38 mm) & Mid-Range Assault	All	3 7/8" (98 mm)
	Wide-Range Turbojet	All	
	1" (25 mm) & 1 1/2" (38 mm) SaberJet	All	
785	Mid-Range Akromatic	All	4 1/4" (108 mm)
	2 1/2" (65 mm) Industrial Turbojet	All	
770	High Range (65 mm) Turbojet	1993-Current	4 1/2" (114 mm)

## 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" 30 - 125 gpm nozzle.
- 3621 Low Expansion FireFox Foam Tube**
  - Low expansion capability (up to 10:1) up to 500 gpm (1900 lpm) on the 1 1/2" 125 - 350 gpm nozzle and 2 1/2" 225-500 gpm nozzle.
  - Also compatible with Mercury Nozzle Style 4445 & 4447
- 3622 Medium Expansion FireFox Foam Tube**
  - Medium expansion capability (up to 50:1) up to 125 gpm (475 lpm) on the 1 1/2" 30 - 125 gpm nozzle.



Style 3621  
Shown on Style 3293



# Playpipes & Shutoffs

## Playpipes With Shutoff

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

- 2 1/2" swivel inlet x 1 1/2" male

Style	Length	Weight lbs. (kg)	Threads		Shutoff Waterway Size	Finish
			Inlet Female	Outlet Male		
1390	10 1/4" (260 mm)	12 1/4 (5.6 kg)	2 1/2" (65 mm)	1 1/2" (38 mm)	1 3/8" (35 mm)	Chrome
2390	10 1/2" (267 mm)	5 1/2 (2.5 kg)	2 1/2" (65 mm)	1 1/2" (38 mm)	1 3/8" (35 mm)	Pyrolite®



Style 1390



Style 2390

## Playpipe With Ladder Hook

Style	Length	Weight lbs. (kg)	Threads		Shutoff Waterway Size	Finish
			Inlet Female	Outlet Male		
426	11" (279 mm)	9 (4.1 kg)	2 1/2" (65 mm)	1 1/2" (38 mm)	-	Chrome



Style 426

## Brass Shutoff

- Full-time restricted swivel base ensures the handle can be positioned for easy operation
- Available in cast or chrome finish

Style	Length	Weight lbs. (kg)	Threads		Shutoff Waterway Size	Finish
			Inlet Female	Outlet Male		
1125	4 3/4" (121 mm)	4 1/4 (1.9 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	1 3/8" (35 mm)	Cast or Chrome*

\* Must Specify



Style 1125 Cast

Style 1125 Chrome\*

## Pyrolite Shutoffs

- Tough, lightweight ball shutoffs with a full-time restricted swivel base ensures the handle can be positioned for easy operation.



Style	Length	Weight lbs. (kg)	Threads		Shutoff Waterway Size	Finish	Pistol Grip
			Inlet Female	Outlet Male			
2101	4 1/4" (108 mm)	1 1/4 (.6 kg)	1" (25 mm)	1" (25 mm)	1" (25 mm)	Pyrolite	-
2102	4 1/4" (108 mm)	2 (.9 kg)	1" (25 mm)	1" (25 mm)	1" (25 mm)	Pyrolite	YES
2108	4 1/2" (114 mm)	1 5/8 (.7 kg)	1" (25 mm)	1 1/2" (38 mm)	1" (25 mm)	Pyrolite	YES
2115	4 1/2" (114 mm)	1 1/2 (.7 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	1" (25 mm)	Pyrolite	-
2116	4 1/2" (114 mm)	1 7/8 (.9 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	1" (25 mm)	Pyrolite	YES
2125	6" (152 mm)	2 5/8 (1.2 kg)	2 1/2" (65 mm)	1 1/2" (38 mm)	1 3/8" (35 mm)	Pyrolite	-
2126	6" (152 mm)	2 7/8 (1.3 kg)	2 1/2" (65 mm)	1 1/2" (38 mm)	1 3/8" (35 mm)	Pyrolite	YES
2127	4 7/8" (124 mm)	2 1/8 (1.0 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	1 3/8" (35 mm)	Pyrolite	YES
2129	4 7/8" (124 mm)	1 3/4 (.8 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	1 3/8" (35 mm)	Pyrolite	-
2130	6 3/8" (162 mm)	4 1/4 (1.9 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	2" (51 mm)	Pyrolite	-



Style 2127 Shutoff with Pistol Grip & Handle



Style 2115



# Straight Tips

## Straight Tips

- 416** **1 1/2" Thread Tip**
  - Now available in Pyrolite®
  - Thread Protector
  - Protective rubber bumper
  - 1 1/8" standard orifice (see chart below for orifice options)
- 417** **1 1/2" Plain Tip**
  - Protective rubber bumper
  - 1 1/8" standard orifice (see chart below for orifice options)
- 438** **1 1/2" Plain Tip**
  - Protective rubber bumper
  - 1/2" standard orifice (see chart below for orifice options)
- 489** **Plain Deluge Tip**
  - 2 1/2" Inlet
    - 1 1/2" standard orifice (see chart below for orifice options)
  - 3" Inlet
    - 2" standard orifice (see chart below for orifice options)
- 1410** **1" Plain Tip**
  - 3/8" standard orifice (5/8" optional orifice)
- 1417** **1 1/2" Plain Tip**
  - 7/8" standard orifice (see chart below for orifice options)
- 1430** **1 1/2" Threaded Saber™ Tip**
  - Can be used with a fog tip, foam nozzle or applicator
  - Designed for use in high rise packs
  - 7/8" standard orifice (15/16" optional orifice)
- 1499** **1 1/2" Plain Tip**
  - 1 3/8" standard orifice (see chart below for orifice options)
- 2489** **3 1/2" MasterStream Tip**
  - Built-in stream shaper
  - 2" Orifice
- 3489** **3 1/2" Shaper Tip**
  - Combination stream shaper & tip designed for use with Akron Brass StreamMaster™ monitors.
  - 2 1/2" standard orifice (2 3/4" optional orifice)



Style 416



Style 417



Style 438



Style 489



Style 1417



Style 1410



Style 2489



Style 1430



Style 3489



Style 1499

Style	Length	Weight lbs. (kg)	Orifices		Threads	Finish
			Standard	Optional		
416	6" (152 mm)	2 3/4 (1.2 kg)	1 1/8" (29 mm)	3/4", 7/8", 1", 1 1/4" (19, 22, 25, 32 mm)	1 1/2" X 1 1/2" (38 x 38 mm)	Brass or Pyrolite
417	6" (152 mm)	2 (.9 kg)	1 1/8" (29 mm)	3/4", 7/8", 1", 1 1/4" (19, 22, 25, 32 mm)	1 1/2" (38 mm)	Brass
438	4 3/8" (111 mm)	1 1/4 (.6 kg)	1/2" (13 mm)	3/8", 5/8" (9.5, 16 mm)	1 1/2" (38 mm)	Brass
489	9" (229 mm)	3-brass (1.4 kg) 1-alum. (.5 kg)	1 1/2" (38 mm)	1 1/4", 1 3/8", 1 3/4", 2", 2 1/4"* (32, 35, 44, 50, 57 mm)	2 1/2" (65 mm)	Brass or Aluminum
489	10 1/2" (267 mm)	5-brass (2.3 kg) 1 3/4 -alum. (.8 kg)	2" (50 mm)	1 3/4", 2 1/4", 2 1/2" (44, 57, 65 mm)	3" NPSH (75 mm)	Brass or Aluminum
1410	4 1/2" (114 mm)	3/8 (.2 kg)	3/8" (10 mm)	5/8" (16 mm)	1" (25 mm)	Pyrolite
1417	3 3/4" (95 mm)	3/4 (.3 kg)	7/8" (22 mm)	3/8", 1/2", 3/4", 15/16", 1", 1 1/8", 1 1/4" ◊ (9.5, 13, 19, 24, 25, 29, 32 mm)	1 1/2" (38 mm)	Pyrolite
1430	2 7/8" (73 mm)	3/4 (.3 kg)	7/8" (22 mm)	15/16" (25 mm)	1 1/2" X 1 1/2" (38 x 38 mm)	PyroLite
2489	9" (229 mm)	2 3/4 (1.2 kg)	2" (52 mm)	-	3 1/2" NH (89 mm)	PyroLite
1499*	5" (127 mm)	3/4 (.3 kg)	1 3/8" (35 mm)	7/8", 15/16", 1", 1 1/8", 1 1/4" (22, 24, 25, 29, 32 mm)	1 1/2" NH (38 mm)	PyroLite
3489	19" (483 mm)	6 (2.7 kg)	2 1/2" (65 mm)	2 3/4" (70 mm)	3 1/2" NH (89 mm)	PyroLite

\* Available with set screw for permanent attachment - Must Specify

\*\* 2 1/4 designed for testing purposes only

◊ 3/8" tip NH thread only



# Discharge Pipes & Stacked Tips

## Discharge Pipes

Designed with built-in fins to maximize reach on any monitor.

- Cast, chrome or Pyrolite®



Style 488

Style 3488

Style	Length	Weight lbs. (kg)		Size
		Brass	Pyrolite	
488	16" (406 mm)	8 1/2 (3.9 kg)	3 1/2 (1.6 kg)	2 1/2" X 2 1/2" (65 x 65 mm)
488	16" (406 mm)	11 (5.0 kg)	-	3 1/2" NPSH X 2 1/2" (89 x 65 mm)
488	16" (406 mm)	11 3/8 (5.2 kg)	-	3 1/2" NPSH X 3" NPSH (89 x 75 mm)
3488	10 1/2" (267 mm)	6 3/4 (3.1 kg)	2 1/2 (1.3 kg)	2 1/2" X 2 1/2" (65 x 65 mm)
3488	11 1/2" (292 mm)	9 1/4 (4.2 kg)	-	3 1/2" X 2 1/2" (89 x 65 mm)
3488	14 1/2" (368 mm)	-	3 (1.4 kg)	3 1/2" X 2 1/2" (89 x 65 mm)
3488	10 1/2" (267 mm)	9 5/8 (4.4 kg)	-	3 1/2" NPSH X 3" NPSH (89 x 75 mm)

## Mini Stream Shapers

- One piece extruded aluminum for extreme durability
- Tapered fins for improved stream performance
- 2 1/2" and 3 1/2" shapers have offset fins for improved stream performance.



Style 3485

Style	Size	Length	Weight lbs. (kg)
3485	1 1/2" x 1 1/2" (38 x 38 mm)	1 7/8" (48 mm)	1/4 (.1 kg)
	2 1/2" x 2 1/2" (65 x 65 mm)	4" (100 mm)	1 1/4 (.6 kg)
	3 1/2" x 3 1/2" (89 x 89 mm)	4" (100 mm)	2 (.9 kg)

## Stacked Tips

Style	Finish	Length	Weight lbs. (kg)	Orifices		Threads		
				Standard	Optional	Base	Middle	Top
420	Chrome	8 1/4" (210 mm)	3 (1.4 kg)	1" X 1 1/8" X 1 1/4" (25 x 48 x 32 mm)	-	1 1/2" (38 mm)	1 1/2" NH (38 mm)	1 1/4" NPSH (32 mm)
420	Chrome	8 1/4" (210 mm)	3 (1.4 kg)	-	3/4" X 1" X 1 1/8" (19 x 25 x 29 mm)	1 1/2" (38 mm)	1 1/2" NH (38 mm)	1" NH (25 mm)
439	Pyrolite	6 5/8" (168 mm)	3/4 (.3 kg)	15/16" X 1 1/2" or 1 1/8" X 1 1/2" (29 x 13 or 48 x 13 mm)	-	1 1/2" (38 mm)	-	1" M (25 mm)
499	Chrome	11 5/8" (295 mm)	5 1/4 (2.4 kg)	1 3/8" X 1 1/2" X 1 3/4" (35 x 38 x 44 mm)	-	2 1/2" (65 mm)	Underwriters	1 1/2" NH (38 mm)
499	Chrome	13 3/4" (349 mm)	6 7/8 (3.1 kg)	-	1 1/2" X 1 3/4" X 2" (38 x 44 x 50 mm)	2 1/2" (65 mm)	2" NH (50 mm)	underwriters
1420	Pyrolite	8 1/4" (210 mm)	1 1/8 (.5 kg)	1" X 1 1/8" X 1 1/4" (25 x 48 x 32 mm)	-	1 1/2" (38 mm)	1 1/2" NH (38 mm)	1 1/4" NPSH (32 mm)
2420	Pyrolite	9 5/8" (244 mm)	1 1/2 (.7 kg)	1" X 1 1/8" X 1 1/4" (25 x 48 x 32 mm)	1" X 1 1/4" X 1 1/2" (25 x 32 x 44 mm)	2 1/2" (65 mm)	1 1/2" NH (38 mm)	1 1/4" NPSH (32 mm)
2498	Chrome*	15 1/2" (394 mm)	2 1/2 (1.1 kg)	1 1/2" X 1 3/4" X 2" (38 x 44 x 50 mm)	1 1/4" X 1 1/2" X 2" (32 x 44 x 50 mm)	2 1/2" (65 mm)	2" NH (50 mm)	1 1/2" NH (38 mm)
2499	Pyrolite	16 7/8" (429 mm)	2 7/8 (1.3 kg)	1 3/8" X 1 1/2" X 1 3/4" X 2" (35 x 38 x 44 x 50 mm)	-	2 1/2" (65 mm)	2" NH Underwriters (50 mm)	1 1/2" NH (38 mm)
3499	Pyrolite	19 1/2" (495 mm)	7 1/2 (3.4 kg)	2 1/4" X 2 1/2" X 2 3/4"*** (57 x 65 x 70 mm)	2" X 2 1/4" X 2 1/2" (51 x 57 x 65 mm)	3 1/2" NH (89 mm)	2 1/2" NH (65 mm)	2 1/2" NH (65 mm)

\* Chrome plated Aluminum

\*\*Top Tip with 2 1/2" NH Male Thread



Style 439  
Dual Stacked Tips



Style 1420  
Triple Stacked Tips



Style 2420  
Triple Stacked Tips



Style 420  
Triple Stacked Tips



Style 499 / 2498  
Triple Stacked Deluge Tips



Style 3499  
Master Stacked Tips  
- Use with Style 3485 3 1/2" Mini Stream Shaper



Style 2499  
Quad Stacked Deluge Tips

# Shutoffs & Playpipes With Tips

## Saber™ Shutoffs With Integral Tip

Lightweight ball shutoff with an integral straight bore tip. Shutoff and tip locked with ball bearings.



Style 2431

Style	Pistol Grip	Finish	Length	Weight lbs. (kg)	Orifices	Threads		Shutoff Waterway Size
						Inlet	Outlet	
2428	-	Pyrolite	6" (150 mm)	1 5/8 (1.0 kg)	3/8", 1/2" (10, 13 mm)	1" (25 mm)	1" (25 mm)	1" (25 mm)
2429	YES	Pyrolite	6" (150 mm)	2 3/8 (1.1 kg)	3/8", 1/2" (10, 13 mm)	1" (25 mm)	1" (25 mm)	1" (25 mm)
2430	-	Pyrolite	6 7/8" (175 mm)	2 1/4 (1.0 kg)	3/4", 15/16", 7/8", 1", 1 1/8", 1 1/4" (19, 24, 22, 25, 29, 32 mm)	1 1/2" (38 mm)	1 1/2" (38 mm)	1 3/8" (29 mm)
2431	YES	Pyrolite	6 7/8" (175 mm)	3 (1.4 kg)	3/4", 15/16", 7/8", 1", 1 1/8", 1 1/4" (19, 24, 22, 25, 29, 32 mm)	1 1/2" (38 mm)	1 1/2" (38 mm)	1 3/8" (29 mm)
2432	-	Pyrolite	7 3/8" (187 mm)	3 (1.4 kg)	3/4", 7/8", 15/16", 1", 1 1/8", 1 1/4" (19, 22, 24, 25, 29, 32 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	1 3/8" (29 mm)
2433	YES	Pyrolite	7 3/8" (187 mm)	3 1/2 (1.6 kg)	3/4", 7/8", 15/16", 1", 1 1/8", 1 1/4" (19, 22, 24, 25, 29, 32 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	1 3/8" (29 mm)

## 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.

Style	Pistol Grip	Finish	Length	Weight lbs. (kg)	Orifices	Combination		Shutoff Waterway Size	Inlet
						Shutoff	Tip		
1440	-	Pyrolite	10 3/8" (264 mm)	2 1/2 (1.3 kg)	15/16" x 1/2" (24 x 13 mm)	2129	439	1 3/8" (35 mm)	1 1/2" (38 mm)
1441	YES	Pyrolite	10 3/8" (264 mm)	2 7/8 (1.3 kg)	15/16" x 1/2" (24 x 13 mm)	2127	439	1 3/8" (35 mm)	1 1/2" (38 mm)
1442	-	Pyrolite	11 1/2" (292 mm)	3 3/8 (1.5 kg)	1 1/8" x 1/2" (29 x 13 mm)	2125	439	1 3/8" (35 mm)	2 1/2" (65 mm)
1443	YES	Pyrolite	11 1/2" (292 mm)	4 5/8 (2.1 kg)	1 1/8" x 1/2" (29 x 13 mm)	2126	439	1 3/8" (35 mm)	2 1/2" (65 mm)

Style 1440



## Blitz Tips

Pyrolite shutoff with pistol grip and straight tip for high volume low pressure operation. Nearly 400 gpm at 50 psi.

Style	Pistol Grip	Finish	Length	Weight lbs. (kg)	Orifices	Threads		Combination		Shutoff Waterway Size
						Base	Tip	Shutoff	Tip	
1445	YES	Pyrolite	10" (254 mm)	3 3/8 (1.5 kg)	1 3/8" (35 mm)	1 1/2" (38 mm)	1 1/2" (38 mm)	2127	1499	1 3/8" (35 mm)
1446	YES	Pyrolite	10 5/8" (270 mm)	4 5/8 (2.1 kg)	1 3/8" (35 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	2126	1499	1 3/8" (35 mm)

Style 1446





# Shutoffs & Playpipes With Tips

## Brass Shutoffs With Straight Tip

Combination ball shutoff and straight tip with rubber bumper. Choose an orifice size and either a plain or threaded tip. Precision machining ensures better balance for improved handling.



Style 1126

Style	Finish	Length	Weight lbs. (kg)	Orifices Standard	Optional	Threads		Combination		Shutoff Waterway Size
						Base	Tip	Shutoff	Tip	
1116	Chrome	8 3/8" (213 mm)	5 1/2 (2.5 kg)	1/2" (13 mm)	3/8" and 5/8" (10 and 16 mm)	1 1/2" (38 mm)	1 1/2" (38 mm)	1125	438	1 3/8" (35 mm)
1126	Chrome	9 1/2" (241 mm)	5 1/2 (2.5 kg)	1 1/8" (29 mm)	3/4", 7/8", 1", 1 1/4" (19, 22, 25, 38 mm)	1 1/2" (38 mm)	1 1/2" (38 mm)	1125	417	1 3/8" (35 mm)
1127	Chrome	9 1/2" (241 mm)	7 (3.2 kg)	1 1/8" (29 mm)	3/4", 7/8", 1", 1 1/4" (19, 22, 25, 38 mm)	1 1/2" (38 mm)	1 1/2" (38 mm)	1125	416	1 3/8" (35 mm)

## Playpipe Nozzles

Combination of a playpipe with ladder hook, a brass shutoff and a plain, threaded, or stacked tip.



Style 1135

Style	Finish	Length	Weight lbs. (kg)	Orifices			Threads			Combination		Shutoff Waterway Size
				Standard	Optional	Base	Top Shutoff	Top Tip	Play Pipe	Shutoff	Tip	
1131	Chrome	20 3/4" (527 mm)	14 1/2 (6.6 kg)	1 1/8" (29 mm)	3/4", 7/8", 1", 1 1/4" (19, 22, 25, 38 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	-	426	1125	417	1 3/8" (35 mm)
1132	Chrome	20 3/4" (527 mm)	16 (7.3 kg)	1 1/8" (29 mm)	3/4", 7/8", 1", 1 1/4" (19, 22, 25, 38 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	1 1/2" (38 mm)	426	1125	416	1 3/8" (35 mm)
1135	Chrome	23 1/2" (600 mm)	16 1/4 (7.4 kg)	1", 1 1/8", 1 1/4" (25, 29, 32 mm)	3/4", 1", 1 1/4" (25, 29, 32 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	-	426	1125	420	1 3/8" (35 mm)

## Axial Playpipes With Tips

Combination of a playpipe with plain, stacked or threaded tips for direct connection to a 2 1/2" hose line. Playpipes have a shutoff between the handle and a full-time swivel base for easy handling.



Style 2393

Style	Finish	Length	Weight lbs. (kg)	Orifices		Threads			Combination			Shutoff Waterway Size
				Standard	Optional	Base	Top Shutoff	Top Tip	Play Pipe	Shutoff	Tip	
391	Chrome	16" (406 mm)	13 1/2 (6.1 kg)	1 1/8" (29 mm)	3/4", 7/8", 1", 1 1/4" (19, 22, 25, 32 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	-	1390	-	417	1 3/8" (35 mm)
392	Chrome	16" (406 cm)	15 (6.8 kg)	1 1/8" (29 mm)	3/4", 7/8", 1", 1 1/4" (19, 22, 25, 32 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	1 1/2" (38 mm)	1390	-	416	1 3/8" (35 mm)
393	Chrome	18 1/8" (460 mm)	15 1/4 (6.9 kg)	1", 1 1/8", 1 1/4" (25, 29, 32 mm)	3/4", 1", 1 1/4" (19, 25, 32 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	-	1390	-	420	1 3/8" (35 mm)
2393	Pyrolite	18 3/8" (467 mm)	6 5/8 (7.5 kg)	1", 1 1/8", 1 1/4" (25, 29, 32 mm)	-	2 1/2" (65 mm)	1 1/2" (38 mm)	-	2390	-	1420	1 3/8" (35 mm)

## Pistol Grips & Handles

**Pistol Grip** – This new design features unique padding added to the pistol grip providing extra cushioning to the hand for reduced muscle fatigue.

**Handle** – Designed for:

- Improved 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.
- Reduced Storage Space – The handles curved forward design streamlines the nozzle while reducing the overall height taking up less crosslay and cabinet space.
- Increased Strength – The "I Beam" design accompanied by larger trunnion hubs provides superior strength and durability.

Available Pistol Grip & Handles Colors - Must Specify

- Blue
- Orange
- Green
- Red
- Yellow
- White
- Gray
- Black
- Purple



NOTE: Unless specified, nozzles will be shipped with Black Handles and Pistol Grips. All the color options are available at no additional charge on any nozzle purchase. When ordering replacements, specify nozzle Style number.



# 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.

- Brass construction
- Low friction ball and dual seats for smooth operation
- Molded teeth
- Rubber-like bumper and handle
- Constant gallonage in fog and straight stream patterns
- Flush without shutting down



Style 3022

Style	Length	Weight lbs. (kg)	Inlet Size	Approval Number	Pistol Grip	Flow at 100 PSI	
						GPM	LPM
3020	8 5/8" (219 mm)	7 3/4 (3.5 kg)	1 1/2" NH (38 mm)	162.027/15/0	YES	95	360
3022	8 5/8" (219 mm)	7 1/8 (3.2 kg)	1 1/2" NH (38 mm)	162.027/16/0	-	95	360

## Coast Guard Nozzles With Fog Tips

Style	Length	Weight lbs. (kg)	Inlet Size	Orifice	Fog Head/Tip	Approval Number	Flow at 100 PSI	
							GPM	LPM
2032 (CG-15)	10 1/4" (260 mm)	9 (4.1 kg)	1 1/2" NH (38 mm)	5/8" ** (16 mm)	2033	162.027/09/0	* 55	* 208
2046 (CG-25)	11 1/2" (292 mm)	14 1/2 (6.6 kg)	2 1/2" NH (65 mm)	15/16" *** (25 mm)	2047	162.027/10/0	* 106	* 401

\* Fog flow only  
 \*\* 90 gpm at 100 psi  
 \*\*\* 225 gpm at 100 psi



Style 2046  
Including Style 2047  
Fog Tip and Chain

## Coast Guard Fog Tips

- 2033 1 1/2" Fog Tip with Chain**
- Fits Style 2032 1 1/2" CG-15 Nozzle
  - Approval no. 162.027/09/0
- 2047 2 1/2" Fog Tip with Chain**
- Fits Style 2046 2 1/2" CG-25 Nozzle
  - Approval no. 162.027/10/0



Style 2033

## 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.



Style 2415  
Including Style 1034  
Fog Head

Style	Length	Weight lbs. (kg)	Inlet Size	Fog Head/Tip	Bend	Approval Number	Flow at 100 PSI	
							GPM	LPM
2015	10' (3048 mm)	9 1/4 (4.2 kg)	1 1/2" (38 mm)	1034	90°	162.027/09/0	54	204
2225	6', 10', 12' (1827, 3048, 3657.6 mm)	↑ 15 3/4 (7.1 kg)	2 1/2" (64 mm)	1048	90°	162.027/10/0 *	108	408
2415	4' (1219.2 mm)	5 (2.3 kg)	1 1/2" (38 mm)	1034	60°	162.027/09/0	54	204

↑ 12' length  
 \* 12' only

## Coast Guard Fog Heads

- 1034 1 1/2" Fog Head**
- Fits Style 2415 and 2015 Applicators
  - Approval no. 162.027/09/0
  - 1" NPT
- 1048 2 1/2" Fog Head**
- Fits Style 2225 Applicator and Style 2055 Fog Applicator
  - Approval no. 162.027/10/0
  - 1 1/2" NPT



Style 1034



# Navy & Military Nozzles

## 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



Style 3020

Style	Length	Weight lbs. (kg)	Inlet Size	National Stock No.	Mil Spec Number	Flow at 100 PSI	
						GPM	LPM
3020	8 5/8" (219 mm)	7 3/4 (3.5 kg)	1 1/2" NPSH (38 mm)	4210-00-465-1906	MIL-N-24408E TY1-T1-1	95	360
3023	8 5/8" (219 mm)	7 3/4 (3.5 kg)	1 1/2" NPSH (38 mm)	4210-00-601-0986	MIL-N-24408E TY1-T1-2	125	475

## 4AN Navy Nozzles With Fog Tips

Combination fog and straight stream nozzles to Navy specifications.

Style 2069  
Including Style 2073  
Fog Tip and Chain



Style	Length	Orifice	Weight lbs. (kg)	Inlet Size	Fog Tip	National Stock No.	Navships Number	Flow at 100 PSI	
								GPM	LPM
2069	8 3/4" (222 mm)	5/8" (16 mm)	9 (4.1 kg)	1 1/2" NPSH (38 mm)	2073	4210-00-392-2943	803-1385834	* 52	* 197
2074	10 1/4" (260 mm)	1" (25 mm)	14 3/4 (6.7 kg)	2 1/2" NH (65 mm)	2077	4210-00-392-2944	803-1385835	* 132	* 500

\* Fog flow only

## Navy & Military Fog Tips

- 2073** 1 1/2" Fog Tip with Chain
- Fits Style 2069 1 1/2" Navy Nozzle
  - National stock no. 4210-00-372-0867
- 2077** 2 1/2" Fog Tip with Chain
- Fits Style 2074 2 1/2" Navy Nozzle
  - National stock no. 4210-00-372-0868
- 2083** 1 1/2" Fog Tip with Chain
- Fits Style 2079 1 1/2" Military Nozzle



Style 2073

## 4AN Military Nozzle With Fog Tip

Combination fog and straight stream nozzle to Military specifications (Army, Air Force and Corps of Engineers). To Former MIL-N-12314 Type II Class B.



Style 2079  
Including Style 2073  
Fog Tip and Chain

Style	Length	Weight lbs. (kg)	Inlet Size	Fog Tip	Orifice	Flow at 100 PSI	
						GPM	LPM
2079	8 3/4" (222 mm)	9 (4.1 kg)	1 1/2" NH (38 mm)	2083	1/2" (13 mm)	* 65	* 246

\* Fog flow only

# 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 truly 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.
- Both smooth bore reach and penetration & 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 3578 StreamMaster Monitors
- SaberMaster 500 designed for use with Style 3443 Mercury™
- Built-in Stream Shaper (SaberMaster 1250)



Style 1577



Style 1545

Style	Material	Pattern Control	Fog Flow		Optional Flow		Solid Bore Orifice	Inlet	Voltage	Length	Weight lbs. (kg)
			GPM	LPM	GPM	LPM					
1577	Pyrolite®	Electric	1250*	4800*	1000*	3800*	2" or 1 15/16" (51 or 75 mm)	2 1/2" or 3 1/2" (65 or 89 mm)	12 or 24 Volt	14 13/16" (376 mm)	24 (10.9 kg)
1545	Pyrolite	Manual	350*	1325*	-	-	1 3/8" (35 mm)	2 1/2" (65 mm)	-	10 7/16" (265 mm)	8 1/2 (3.9 kg)

\* Flow at 80 psi

## Akromatic® 2000

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

- Style 5178 now with manual override and built-in stream shaper

Style	Material	Pattern Control	Flow		Optional Flow		Inlet	Teeth	Voltage	Length	Weight lbs. (kg)
			GPM	LPM	GPM	LPM					
5170	Pyrolite	Manual	500-2000	1900-7600	500-1500	1900-5700	3 1/2" (89 mm) (NH OR NPSH ONLY)	Fixed	NA	9 1/8" (232 mm)	15 1/4 (6.9 kg)
5071	Brass	Manual	500-2000	1900-7600	-	-	3 1/2" (89 mm) (NH OR NPSH ONLY)	None	NA	12" (305 mm)	37 1/4 (16.9 kg)
5178	Pyrolite	Electric	500-2000	1900-7600	500-1500	1900-5700	3 1/2" (89 mm) (NH OR NPSH ONLY)	None	12 or 24 Volt	9 1/2" (241 mm)	15 1/2 (7.0 kg)



Style 5178

## 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 and 5177 complete with built-in stream shaper

Style	Material	Pattern Control	Flow		Optional Flow		Inlet	Teeth	Voltage	Length	Weight lbs. (kg)
			GPM	LPM	GPM	LPM					
5160	Pyrolite	Manual	250-1250	950-4800	250-1000	950-3800	2 1/2" or 3 1/2" * (65 or 89 mm)	None	-	9 1/2" (241 mm)	12 (5.4 kg)
5075	Pyrolite	Electric	250-1250	950-4800	250-1000	950-3800	2 1/2" or 3 1/2" * (65 or 89 mm)	**	12 or 24 Volt	9" (229 mm)	12 1/2 (5.7 kg)
5177	Pyrolite	Electric	250-1250	950-4800	250-1000	950-3800	2 1/2" or 3 1/2" * (65 or 89 mm)	None	12 or 24 Volt	10 1/8" (264 mm)	13 (5.9 kg)

\*\* Flat dispersed pattern  
\* 3 1/2" - NH only



Style 5160



Style 5075



Style 5177

## Turbomaster™

A family of multi-flow Master Streams adjustable to four constant flow settings.

- Pattern detents for positive stream positioning

Style	Material	Pattern Control	Flow at 100 PSI (7 bar)		Optional flow at 7 bar		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM	GPM	LPM				
1745	Pyrolite®	Manual	250-400-550-750	950-1512-2100-2900	130-250-400-500	500-1000-1500-2000	2 1/2" (65 mm)	Spinning	9" (241 mm)	11 (5.4 kg)
1755	Pyrolite	Manual	500-750-1000-1250	1900-2900-3800-4800	-	-	2 1/2" (65 mm)	Spinning	10" (229 mm)	13 (5.7 kg)
1757	Pyrolite	Manual	350-500-750-1000	1325-1900-2900-3800	-	-	2 1/2" (65 mm)	Spinning	10" (229 mm)	13 (5.9 kg)



Style 1745

## Aquastream™

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

- With grease fitting



Style 4450 Only

Style	Material	Pattern Control	Flow at 100 PSI (7 Bar)		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
4450	Brass	Manual	500 (300 & 750)*	1900 (1140 & 2900)*	2 1/2" (65 mm)	Fixed	7" (17.8 cm)	14 1/2 (6.6 kg)
4452	Pyrolite	Manual	500 (300 & 750)*	1900 (1140 & 2900)*	2 1/2" (65 mm)	Fixed	7" (17.8 cm)	4 3/4 (2.2 kg)

\* Field changeable spacers included with nozzle



Style 4452

## Rampage™

A fixed gallonage master stream nozzle with built-in stream shaper designed for flows up to 1250 gpm. Ideal for heavy-duty use on fixed monitors. Style 4460 has twist shutoff



Style 4461 Only

Style	Material	Pattern Control	Flow at 100 PSI (7 Bar)		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
4460	Brass	Manual	750 (500, 1000 & 1250)*	2900 (1900, 3800 & 4800)*	2 1/2" (65 mm)	None	9" (229 mm)	23 1/4 (10.5 kg)
4461	Brass	Manual	750 (500, 1000 & 1250)*	2900 (1900, 3800 & 4800)*	2 1/2" (65 mm)	None	9" (229 mm)	23 1/4 (10.5 kg)

\* Factory set at 750 gpm - field changeable to 500 or 1000 gpm, spacers included with nozzle. Must specify 1250 gpm.



Style 4460

## Rampage™ Nozzle With Electric Pattern Actuation

Style 4462

- All brass and stainless steel construction
- Ideal for mining applications
- 2 1/2" NH inlet
- Exposed surfaces protected by heavy-duty, weather resistant bellows

- Maximum Pressure: 200 psi/14 bar

- Maximum Motor Current Draw:

- 12 Volt Motor: 3 amps
- 24 Volt Motor: 1.5 amps

Style	Material	Flow at 100 PSI (7 Bar)		Inlet	Length	Weight lbs. (kg)
		GPM	LPM			
4462	All brass and stainless steel construction	500-1000 750 (500&1000)*	1900-3800 750 (500&1000)*	2.5" NH (65 mm)	8 1/8" (206 mm)	19.6 (8.9 kg)

\* Factory set at 750 gpm - field changeable to 500 or 1000 gpm



Style 4462 with Electric Pattern Actuation

## Excel 1000™

Single fixed flows with a spring loaded baffle to provide flow setting selection with a simple turn of the baffle head.

Style	Material	Pattern Control	Flow at 100 PSI (7 Bar)		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
1747	Pyrolite	Manual	300-500-800-1000	1140-1900-3030-3800	2 1/2" (65 mm)	Spinning	8 1/2" (216 mm)	8 1/2 (3.9 kg)
3747	Brass	Manual	300-500-800-1000	1140-1900-3030-3800	2 1/2" (65 mm)	Spinning	8 1/2" (216 mm)	25 (11.3 kg)



Style 1747





# Master Stream Nozzles

## Mercury™ Nozzle

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.

Style	Material	Pattern Control	Flow at 100 PSI (7 bar)		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
4445	Pyrolite®	Manual	500	1900	2 1/2" (65 mm)	Spinning	7" (178 mm)	5 (2.3 kg)
4447	Pyrolite	Manual	250-375-500	950-1400-1900	2 1/2" (65 mm)	Spinning	7" (178 mm)	5 (2.3 kg)
5147	Pyrolite	Manual	300, 500, 800, 1000	1140-1900-3030-3800	2 1/2" (65 mm)	Spinning	9 9/32" (236 mm)	8.8 (4 kg)
5150	Pyrolite	Manual	250-1000	950-3800	2 1/2" (65 mm)	Spinning	9 13/32" (239 mm)	9.61 (4.4 kg)



Style 4447



Style 5147  
Adjustable Flow  
Nozzle



Style 5150  
Automatic  
Nozzle

## Akrofoam™

The Akrofoam nozzles are self-educing master stream nozzles designed for educing foam at flow rates up to 1000 gpm (4800 lpm).

- Manual pattern control
- 10' pick up hose and 40" tube

### 4475 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 and 1% & 3% for 750 & 1000gpm

### 4470 Brass Akrofoam

- Factory set at 500 gpm (1900 lpm) 3% and 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, and 1% & 3% for 750 & 1000 gpm.

### 4471 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
    - 1% & 3% for 750 & 1000 gpm
  - Maximum Pressure: 200 psi/14 bar
  - Maximum Motor Current Draw:
    - 12 Volt Motor: 3 amps
    - 24 Volt Motor: 1.5 amps



Style 4475

Style 4470



AkroFoam works well with Jet Ratio Controller Style 3030 See Page 83



Style 4471  
with Electric  
Pattern Actuation

Style	Material	Pattern Control	Flow at 100 PSI (7 bar)		Inlet	Length	Weight lbs. (kg)
			GPM	LPM			
4475**	Pyrolite	Manual	500 (350, 750 & 1000)	1900 (1325, 2900 & 3800)	2 1/2" (65 mm)	9 1/4" (235 mm)	12 (5.4 kg)
4470***	Brass	Manual	500 (350, 750 & 1000)*	1900 (1325, 2900 & 3800)*	2 1/2" (65 mm)	12 3/8" (314 mm)	25 (11.3 kg)
4471***	Brass and Stainless Steel Construction	Electric	350, 500, 750 & 1000 @ 100 psi	1300, 1900, 2900 & 3800 lpm @ 7 bar	2.5" NH (65 mm)	12 1/4" (311 mm)	30 (13.6 kg)

\* Factory set to 500 gpm - field changeable to 350, 750 or 1000 gpm with spacers included with nozzle.

\*\* 44750006 pick up tube with metering head

\*\*\* 44700002 pick up tube only

## Black Widow®

• Single fixed flows

Style	Material	Pattern Control	Flow		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
2151	Brass	Manual	300-1000*	1140-3800*	2 1/2" (65 mm)	Spinning	8 1/2" (216 mm)	25 (11.3 kg)
2152	Pyrolite	Manual	300-1000*	1140-3800*	2 1/2" (65 mm)	Spinning	8 1/2" (216 mm)	9 (4.1 kg)
2155	Pyrolite	Hydraulic	300-1000*	1140-3800*	2 1/2" (65 mm)	Spinning	8 1/2" (216 mm)	9 (4.1 kg)
2156	Brass	Hydraulic	300-1000*	1140-3800*	2 1/2" (65 mm)	Spinning	8 1/2" (216 mm)	29 (13.2 kg)

\* Specify flow in 50 gpm (190 lpm) increments. Specify pressure from 70-100 psi (4.9-7 bar) in 10 psi (.7 bar) increments



Style 2151

Style 2156

## Akromatic 1000

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

Style	Material	Pattern Control	Flow		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
5051	Brass	Manual	350-1000	1325-3800	2 1/2" (65 mm)	Spinning	9 3/4" (248 mm)	26 (11.8 kg)
5055	Pyrolite	Hydraulic	350-1000	1325-3800	2 1/2" (65 mm)	Spinning	9 3/4" (248 mm)	9 1/4" (4.2 kg)
5056	Brass	Hydraulic	350-1000	1325-3800	2 1/2" (65 mm)	Spinning	9 3/4" (248 mm)	30 1/2" (13.8 kg)

Style 5055



## FireFox™ Nozzle

An electrically controlled nozzle with flows from 15 to 500 gpm (60 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" swivel inlet for flows up to 350 gpm
- 2 1/2" swivel inlet for flows 350 to 500 gpm
- Spinning teeth
- Optional flat disperse pattern - Must specify
- Optional add-on foam tubes - See page 21
- 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
  - 350-400-450-500 gpm (1325-1525-1700-1800 lpm optional 500, 1000, 1500, 2000 LPM) without electric flush
- Fixed Flow Options: (Must specify flow rate)
  - 15 to 200 gpm (60 to 750 lpm) with electric flush
  - 225 to 500 gpm (850 to 1900 lpm) without electric flush



Size	Flow Gpm	Length	Weight lbs. (kg)
1 1/2" (38 mm)	15-125	7" (17.8 mm)	5 (2.3 kg)
1 1/2" (38 mm)	125-350	7 3/4" (187 mm)	7.2 (3.4 kg)
2 1/2" (65 mm)	350-500	7 3/4" (187 mm)	7.5 (3.4 kg)

## Single Gallonage Master Stream

Style	Material	Pattern Control	Flow		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
2171	Brass	Manual	1000-2000*	3800-7600*	3 1/2" (89 mm)	None	12" (305 mm)	36 (16.3 kg)

\* Specify flow in 100 gpm (380 lpm) increments. Specify pressure from 70-100 psi (4.9-7 bar) in 5 psi (.35 bar) increments



Style 2171

# Mercury™ Monitors

The Mercury Monitors are the newest innovation in firefighting equipment. These monitors are smaller than any other portable ground monitor so it can be quickly set up and left unmanned at the fire scene to free up valuable personnel.

## 3446 MercuryMaster 1000™

The MercuryMaster 1000 is the newest innovation to the portable monitor line. This monitor is the smallest and lightest of all 1000 gpm monitors in the firefighting industry. This monitor will save valuable time at the fire scene with its quick deployment and conserve precious space on the fire truck with its compact size.

- Rated flow up to 1000 gpm (3800 lpm)
- Compact size & weight
- Rotation ± 20°
- Elevation 30° to 60°
- Unmanned use
- Excellent ground stability
- Low friction loss
- Pressure gauge

### Product Options:

- Storage Bracket
- Triple Stacked Tips Style 2498
- Adjustable Flow Nozzle Style 5147
- Automatic Nozzle Style 5150
- Deluge Tip Style 489

Style 3446  
Shown with  
Style 489  
Deluge Tip



Style 2498



Style 5147  
Adjustable Flow  
Nozzle



Style 5150  
Automatic  
Nozzle



Storage Bracket

Carbide Tip  
Spikes for  
Added Wear  
Resistance





# Mercury™ & Ozzie™ Monitors

## 3443 Mercury Quick Attack Monitor

- Compact Size & Weight
- Rated Flows Up To 500 gpm (1900 lpm)
- Quick Deployment
- Better Ground Stability
- Unmanned Use
- Rotation ± 20°
- Elevation 30° to 60° unmanned, and down to 20° when manned

### Product Options:

- Storage Bracket
- Stacked Tips Style 2420
- Deluge Tip Style 489
- SaberMaster Nozzle 1545
- Mercury Nozzles Style 4445, 4447



Style 3443 Shown with Style 4445 Nozzle



Style	Weight lbs. (kg)	Height	Width	Length	Inlet	Outlet	Flow	
							GPM	LPM
3443	14 (6.4 kg)	9" (597 mm)	23 1/2"* (597 mm)	14 1/2" (368 mm) 7 1/4"*** (184 mm)	2 1/2" F (65 mm) 2 1/2" or 3" Storz (65 or 75 mm)	2 1/2" (65 mm)	500	1900
3446 Single	24 (10.8 kg)	9 3/4" (247 mm)	25"* (635 mm) 12 1/2"*** (318 mm)	16 3/16"* (410 mm)	3 1/2 - 5" F (89-125 mm) 4", 5" Storz (100, 125 mm)	2 1/2" (65 mm)	1000	3800
3446 Dual	24 (10.8 kg)	9 3/4" (247 mm)	25"* (635 mm) 12 1/2"*** (318 mm)	21 5/16" (541 mm)	2 1/2 or 3" F (65 or 75 mm)	2 1/2" (65 mm)	1000	3800

\*Deployed Legs  
\*\* Folded Legs

## Ozzie™ Oscillating Monitors

Akron® Ozzie Oscillating Monitors have powerful sweeping water streams for high performance attack and protection. Its unique water driven motor sweeps the outlet back and forth in a smooth, wave-like motion to provide cooling and protection while unmanned. Ozzie Oscillating Monitors operate by themselves to provide greater flexibility by protecting exposures while personnel work elsewhere. Ozzie Oscillating Monitors are suited for haz-mat situations, protecting exposures, and attacking fires.

- Adjustable sweeping range
- Vertical travel from 35° (Style 922: 45°) to 90° above horizontal
- On/Off knob can stop oscillation at any point
- Built-in pressure gauge
- See page 167 for Monitor/Fog Nozzle Compatibility Chart

### 911 Ozzie Oscillating Monitor

- Sweeping range 30° either side of center

### 922 OzzieMaster™ Oscillating Monitor

An Ozzie Liftoff designed for use with an Apollo™ Ground Base (pages 36) - Must specify.

- Sweeping range 25° either side of center



Style 911 Shown with Turbojet® Tip (Optional Tips: Assault™ 4824/4827)

Style 922 Shown with Style 1745 TurboMaster™ Master Stream Nozzle mounted on Apollo Single Inlet Ground Base

Style	Weight lbs. (kg)	Height	Width	Length	Inlet	Outlet	Flow	
							GPM	LPM
911	29 (13 kg)	13 3/8" (340 mm)	23 3/4" (603 mm)	19 1/4" (490 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	375	1420
922	27 1/2"* (12.5 kg)	13" (330 mm)	17 3/4" (450 mm)	21" (533 mm)	See Apollo Ground Base	2 1/2" (65 mm)	1000 Single Inlet 750 Dual Inlet	3800 Single Inlet 2900 Dual Inlet

\* Less ground bases and nozzle

NOTE: A direct mount flange allows the OzzieMaster Oscillating Monitor to be used as a deck monitor.



# Apollo™

## Apollo Monitor

Akron® Apollo Monitors offer a variety of models with features to fit the ever increasing demands of the fire service with a durable, dependable and stable monitor.

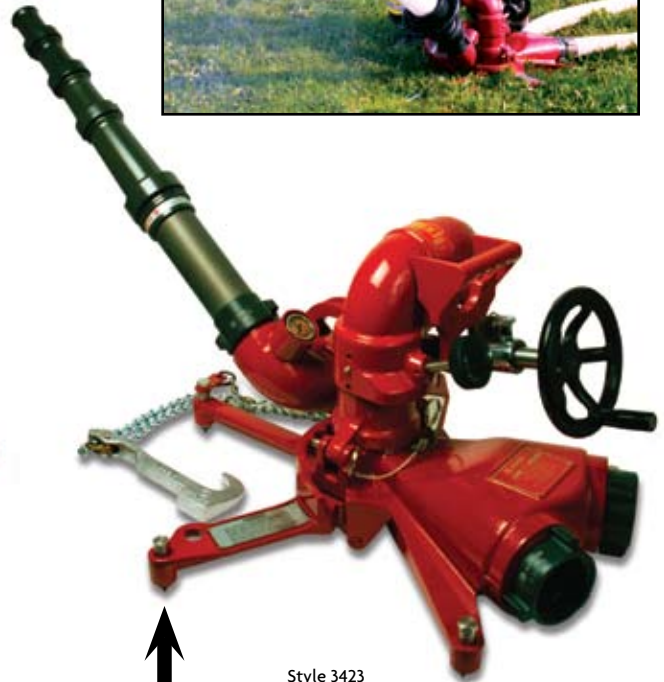
- 360° rotation when mounted in the deck mode, 180° in the portable mode
- Vertical travel from 80° above to 15° below horizontal with built-in 35° safety stop
- 3" waterway with cast-in turning vanes for efficient flow
- Direct mount - A combination 3" NPT female and 3" flange
- Carbide Spikes for extended wear (Spike covers optional)
- Also available as portable only or deck mount only - must specify
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Style 3416  
Shown with Style 5160 Akromatic®  
Master Stream Nozzle



**3416 Apollo Single Inlet Portable and Deck Monitor**  
• Includes a ground base, liftoff and direct mount



Style 3423  
Shown with Style 3488  
Discharge Pipe & Style 2499  
Quad Stacked Tips



**3423 Apollo Dual Inlet Portable and Deck Monitor**  
• Includes a ground base, liftoff and direct mount



**NOTE:** Also available in portable only or deck only configurations, please specify when ordering.

Style	Weight lbs. (kg)			Inlet	Outlet	Ground Flow		Deck Flow	
	Liftoff	Gd Base	Deck Height			GPM	LPM	GPM	LPM
3416	23 (10.4 kg)	38 1/2 (17.5 kg)	* 12" (305 mm)	3 1/2" - 5" F (89-125 mm) 4", 5" STORZ (100, 125 mm)	2 1/2" Male (65 mm)	1000	3800	1250	4800
3423	23 (10.4 kg)	32 (14.5 kg)	* 12" (305 mm)	2 1/2" or 3" F (65 or 75 mm)	2 1/2" Male (65 mm)	800	3030	1250	4800

\* Measured from flange base to the top of the liftoff (Excludes nozzle or tips)

## Apollo Hi-Riser™ Monitors

The Apollo Hi-Riser, includes the outstanding features of the standard Apollo along with the added benefit of rising over obstacles on top of the apparatus. To elevate the Apollo Hi-Riser simply pull a pin and raise the discharge 24" above the deck. Also, the Apollo Hi-Riser rotates easily down to a low profile position for portable operation and comes complete with an automatic drain valve. Nothing could be simpler...Yet more versatile!

### 3431 Apollo Hi-Riser Single Inlet Portable and Deck Monitor

- Includes single inlet ground base, liftoff, and direct mount

### 3433 Apollo Hi-Riser Dual Inlet Portable and Deck Monitor

- Includes a dual inlet ground base, liftoff, and direct mount



Note: Also available in portable only or deck only configurations, please specify when ordering.

Style	Weight lbs. (kg)		Deck Height	Inlet	Outlet	Ground Flow		Deck Flow	
	Liftoff	Gd Base				GPM	LPM	GPM	LPM
3431	31 (14.1 kg)	38 1/2 (17.5 kg)	** 15 1/4" (387 mm)	3 1/2" - 5" F (89-125 mm) 4", 5" STORZ (100, 125 mm)	2 1/2" Male (65 mm)	1000	3800	1250	4800
3433	31 (14.1 kg)	32 (14.5 kg)	** 15 1/4" (387 mm)	2 1/2" or 3" F (65 or 75 mm)	2 1/2" Male (65 mm)	800	3030	1250	4800

\*\* Stowed position

Style 3431/3433  
Shown in deck mount mode with  
Style 5160 Akromatic Master  
Stream Nozzle



## Apollo Direct Mount Flange

A direct mount flange allows any Portable Apollo Monitor to be used as a deck monitor. When ordering separately, specify the Style number of the monitor being used as different Styles use different direct mount flanges.

## Apollo Accessories

### 3401 Monitor Support Flange

- For use with 3" NPT pipe extended above the deck

Style 3401



### 3501 Direct Mount Cover

- Designed to prevent the Direct Mount Flange from collecting debris when left exposed

Style 3501



## Upper Deck

Designed to add 18" of additional height to the Apollo during deck operation. A simple and economical way to gain clearance over obstructions. Available with optional "unit mounted" indicator switch.

### 3405 Upper Deck

- Height: 19 1/4", weight: 10 lbs.



Style 3405  
Shown with Apollo  
Monitor

## Apollo Base Mounts

### 3503 Apollo Top Mount

- Easily mounts the Apollo on top of a vehicle for deck gun operation or storage on a vertical surface
- Size: 22" x 15 1/4", weight: 7 1/2 lbs.

### 3502 Apollo Running Board Mount

- Same as Style 3503 except with an "L" bracket for storage on a running board
- Size: 22" x 21 3/4", weight: 12 1/2 lbs.

### 3505 Mount for Apollo Ground Base

- Conveniently store the Apollo ground base with folding legs in a standard apparatus compartment
- Length: 10", thickness: 2 1/2", weight: 1 5/8 lbs.



Style 3505



Style 3503





# Single Waterway Monitors

## Apollo™ Single Waterway Monitors

- Designed for fixed installations in non-corrosive environments
- Durable lightweight Pyrolite® construction
- Cast-in turning vanes in each elbow for more efficient flow and improved stream performance
- 360° horizontal and 150° vertical travel
- Elevation 90° above to 60° below horizontal
- See page 167 for Monitor/Fog Nozzle Compatibility Chart

### 3426 3" Apollo Single Waterway Monitor

- A friction lock on both the vertical and horizontal travel
- Built-in pressure gauge and gauge guard

### 3436 4" Apollo Single Waterway Monitor

- Gas spring for better balance with various nozzle weights
- Brake band lock on the vertical and horizontal travel
- Sleeve and ball bearing swivel joints for easy operation

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3426	21 (9.5 kg)	17" (431 mm)	11 1/2" (292 mm)	2 1/2" - 3" (65-75 mm) NPT or FL	2 1/2" (65 mm)	1250	4800
3436	37 (16 kg)	18 1/4" (464 mm)	17 1/2" (445 mm)	4" FL (100 mm)	3 1/2" NPSH (89 mm) 4" NH (100 mm)	2000	7600



Style 3426  
Shown with Discharge Pipe  
Style 3488 & Tip Style 489

## Aries™ Monitor

3425

### Aries Monitor

- Pyrolite finish
- Cast-in turning vanes for efficient flow
- Full 3" waterway
- Handwheel controlled vertical travel for improved positioning control, 80° above to 15° below horizontal
- Grease fittings for easy maintenance
- A friction lock on the horizontal travel
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Style 3425  
Shown with Style 1747 Excel  
1000™ Master Stream Nozzle

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3425	24 3/4 (11.2 kg)	17" (431 mm)	22" (550 mm)	2 1/2" - 3" (65-75 mm) NPT or FL	2 1/2" (65 mm)	1250	4800

# Ladder Pipes & Platform Monitors

## Ladder Pipes

Akron® Ladder Pipes offer a lightweight, compact design for uniped ladder trucks. Choose between the technologically advanced Electric Ladder Pipe or the standard, manual controlled Ladder Pipe.

### 1494 Electric Ladder Pipe

- Remote operation eliminates manual maneuvering of both the ladder pipe and nozzle
- 135° vertical travel with adjustable stops
- Elevation 90° above to 45° below horizontal
- Manual override
- Adjustable mounting clamps standard for round rung ladders, square clamps optional

Must Specify:

- 12 or 24 volt (24 volt version CE approved)
- 100' cord reel with cord grip and guides
- Wireless remote control available

Style	Weight lbs. (kg)	Length	Inlet	Outlet	Flow	
					GPM	LPM
1494	30 (13.6 kg)	36 7/8" (937 mm)	2 1/2" or 3" (65 or 75 mm)	2 1/2" (65 mm)	1000	3800

Style 1494  
Shown with  
Style 5177  
Akromatic® Master  
Stream Nozzle



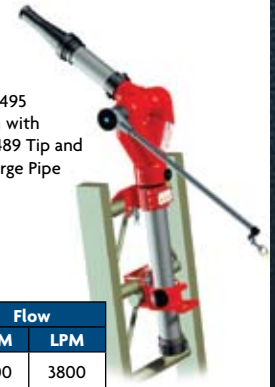
Wireless Remote  
Control Available

See page 43 for Electric  
Monitor Accessories

### 1495 Ladder Pipe

- New easy adjustable mounting clamp with safety pins for more secure mounting
- Horizontal lock permits 15° sweep either side of center
- Removable control handle adjusts to 12 positions
- Lightweight extruded aluminum discharge pipe with full-length stream shaping fins
- 200 ft. 3/8" No. 1 Grade pure manila rope
- Includes three Style 489 Tips (1 1/8", 1 3/4", 2") with Style 350 Mounting Plates
- Adjustable mounting clamps for round rung ladders, square clamps available - If specified

Style 1495  
Shown with  
Style 489 Tip and  
Discharge Pipe



### 497 Ladder Pipe Mounting Bracket

- Lightweight bracket mounts easily to the truck
- Holds Style 1494 Ladder Pipe when not in use
- Distance between rungs is 14" (center to center)

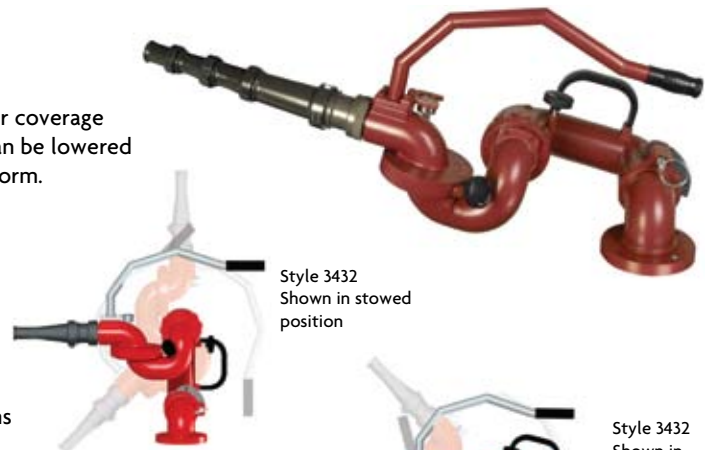
Style	Weight lbs. (kg)	Length	Inlet	Outlet	Flow	
					GPM	LPM
1495	27 (68.6 kg)	39 7/8" (1013 mm)	2 1/2" or 3" (65 or 75 mm)	2 1/2" (65 mm)	1000	3800

## Manual Platform Monitor

### 3432 Manual Platform Monitor

The Platform monitor is designed for maximum water coverage on aerial platforms. When deployed, this monitor can be lowered to 115° below horizontal to fight fires under the platform.

- Horizontal range ± 90°
- Elevation range 130°
- Adjustable stops
- Pyrolite® Finish
- Pressure Gauge
- Friction locks on both axis
- Tiller bar control
  - Custom tiller bar available for different platforms



Style 3432  
Shown in stowed  
position

Style 3432  
Shown in  
deployed  
position

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3432	45 lbs (20.4 kg)	22" (550 mm)	16" (406 mm)	3" FL (75 mm)	2 1/2" (65 mm)	1250	4800



# DeckMaster™

## DeckMaster Monitor

The DeckMaster Monitor is a technologically advanced, electrically controlled deck monitor with automated elevating capability. The unique design of the DeckMaster Monitor allows electric elevation and positioning 26" above the base of the flange for operation over obstructions with the push of a switch.

### 3440 DeckMaster Electric Monitor

- 340° horizontal rotation with adjustable stops
- Vertical travel 90° above to 45° below horizontal
- Manual override for horizontal, vertical and elevation control
- Stow position set easily by the end user
- Automatic drain for freeze protection
- Diagnostic light for trouble-shooting
- Connection for deployed indicator light
- Available in 12 or 24 volt - Must specify
- Obstacle avoidance available - Must specify
- See page 167 for Monitor/Fog Nozzle Compatibility Chart

See page 45 for Electric Monitor Accessories



Style 3440  
Shown deployed  
with Style 1577  
SaberMaster™  
Nozzle

Style 3440  
Shown in a  
typical stowed  
position

Style	Weight lbs. (kg)	In Stowed Position			Inlet	Outlet	Flow	
		Height	Width	Depth			GPM	LPM
3440	55 (25 kg)	14 1/2" (368 mm)	16 3/4" (425 mm)	17" (431 mm)	3" FL (75 mm)	2 1/2" NH (65 mm)	1250	4800



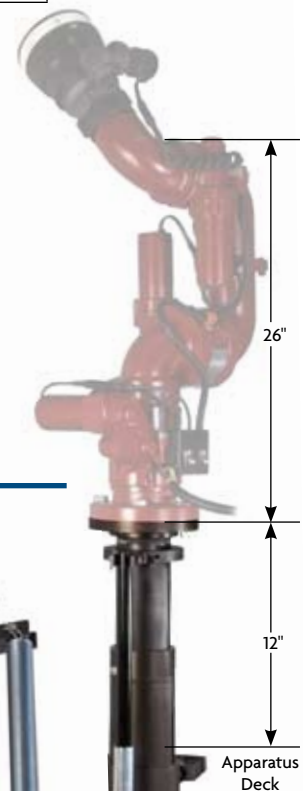
Wireless Remote  
Control Available

**Combine with the new SaberMaster nozzle to meet new NFPA 1901 recommendations to use remote control monitors for safe deck gun operations.**

Remote DeckMaster operation eliminates the need to have a firefighter on the deck to operate the monitor.



DeckMaster available with position feedback for position indicator option



26"

12"

Apparatus  
Deck

## Electric Riser for DeckMaster & StreamMaster™

Overcome increased heights of apparatus bodies, raised roof cabs, and other obstacles with the electric riser. It enables an added 12-inches of extension and is the perfect complement to the already superior versatility of the DeckMaster or StreamMaster monitors.

### 3406 Electric Riser For DeckMaster & StreamMaster

- 3" waterway
- 12" extension
- With unique three-piece design, the extremely compact device is only 17 1/4" when nested
- Can be utilized within pump modules that have limited space
- Electrically actuated (12 or 24 volt)
- Durable lightweight Pyrolite® construction
- Manual override
- 5 year warranty
- Inlet option: 3" vicalc or NPT (Must specify)
- outlet options 3" or 4" flange (Must specify)



17 1/4"

Electric Riser for  
DeckMaster

Electric Riser shown in  
extended position with Style  
3440 DeckMaster and Style  
5075 Akromatic 1250 Nozzle



### FireFox Multi-Purpose Monitor

The FireFox, an Electric Monitor from Akron®, is a technologically advanced remote controlled monitor with flows up to 500 gpm (1900 lpm). The FireFox Monitor is designed to meet various water, foam, CAFS, and dry chemical needs. This versatile monitor can be used for wildland, firefighting, crash truck turrets, deicing, fixed site facilities, arena protection and many other unique applications.

#### 3463 FireFox Electric Monitor

- 320° horizontal travel with adjustable stops at +/- 90°
- 135° vertical travel (+90° to -45°) with adjustable stops at +45° and -20°

Must specify:

- Automatic Oscillation & Stow
- Remote 2" or 2 1/2" Electric Valve
- 12 or 24 volt (24 volt CE approved)
- 2" Quick disconnect

Nozzle Options:

- See page 167 for Monitor/Fog Nozzle Compatibility Chart
- Adjustable or Single Fixed Flow Baffle up to 500 gpm (1900 lpm)
- Dry Chemical Nozzle - Optional
- Foam Tubes - Optional (See page 21)
- Smooth bore tip with mini shaper

NOTE: All FireFox Fog Nozzles are available with optional flat dispersed pattern



Adjustable Flows Available  
See page 33 for nozzle specs



FireFox available with position feedback for Position Indicator option

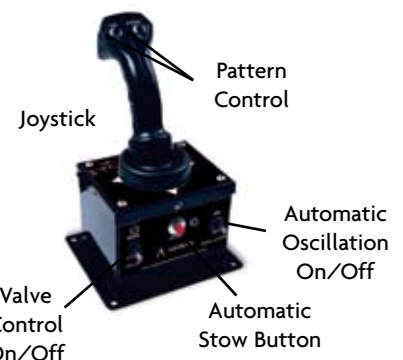
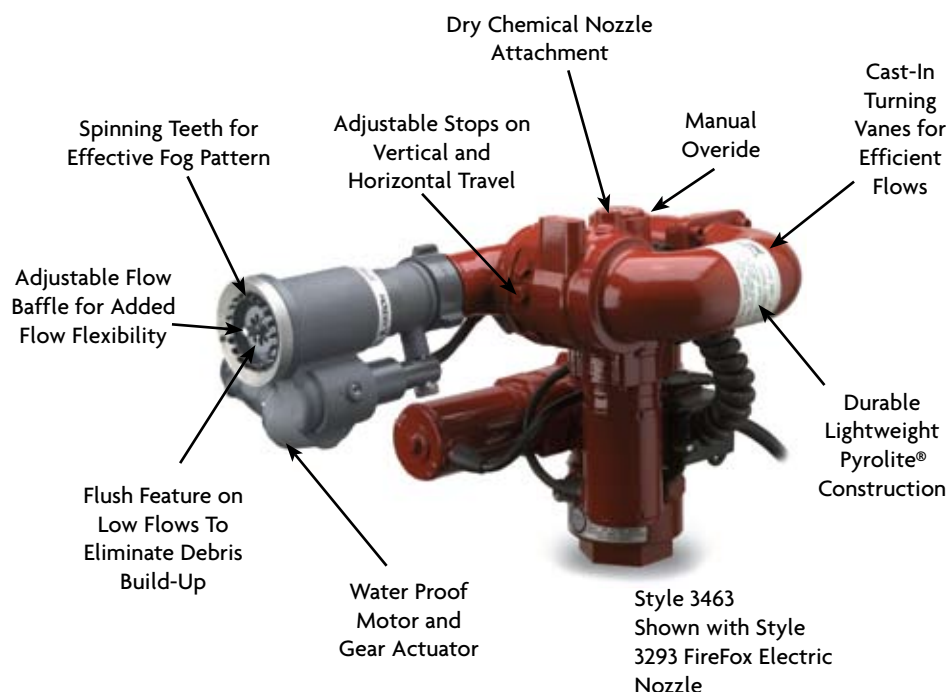


Wireless Remote Control Available

Low Flow	GPM	30	60	95	125
	LPM	115	230	360	475
Medium Flow	GPM	125	175	250	350
	LPM	475	660	950	1325
High Flow	GPM	350	400	450	500
	LPM	1325	1525	1700	1900



2" Quick-Disconnect, Ideal for Cab Forward Trucks



See Page 45 for Electric Monitor Accessories

Style	Weight lbs. (kg)	In Stowed Position			Inlet	Outlet	Flow	
		Height	Width	Depth			GPM	LPM
3463	25 (11.3 kg)	11 3/4" (298 mm)	11" (279 mm)	11 1/2" (292 mm)	2" or 2 1/2" NPT (50 or 65 mm) 2 1/2" FL (65 mm)	1 1/2" or 2 1/2" NH (38 or 65 mm)	500	1900



# StreamMaster™

## StreamMaster Monitors

StreamMaster Monitors have a uniquely designed, low profile 4" waterway with cast-in turning vanes. When coupled with an 80 psi nozzle, the pump can operate at lower pressures for flows up to 2000 gpm (7600 lpm).

### 3578 StreamMaster Electric Monitor

- Stow option to avoid aerial bedding accidents - Must specify
- 348° horizontal and 135° vertical travel, both with adjustable stops
- Manual override
- 12 or 24 volt (24 volt CE approved) - Must specify
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Style 3578  
Shown with Style 5178  
Akromatic® 2000 Master  
Stream Nozzle

### 3570 StreamMaster Manual Monitor

The StreamMaster Manual Monitor is a dual handwheel controlled monitor suited for large flow needs in fixed site installations.

- Pyrolite® finish
- Full 360° horizontal travel and 135° vertical travel, both with adjustable stops
- Elevation 45° below to 90° above horizontal
- Smoother, easier handwheel operation of both horizontal and vertical travel
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Wireless Remote  
Control Available



StreamMaster  
available with position  
feedback for Position  
Indicator option

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3570	33 (15 kg)	16 5/8" (422 mm)	14 1/4" (362 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600
3578	45 (20.5 kg)	16 1/4" (412 mm)	12 1/4" (311 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600

See Page 45 for Electric  
Monitor Accessories



Style 3570  
Shown with Style 5170 Akromatic  
2000 Master Stream Nozzle

## StreamMaster™ XT

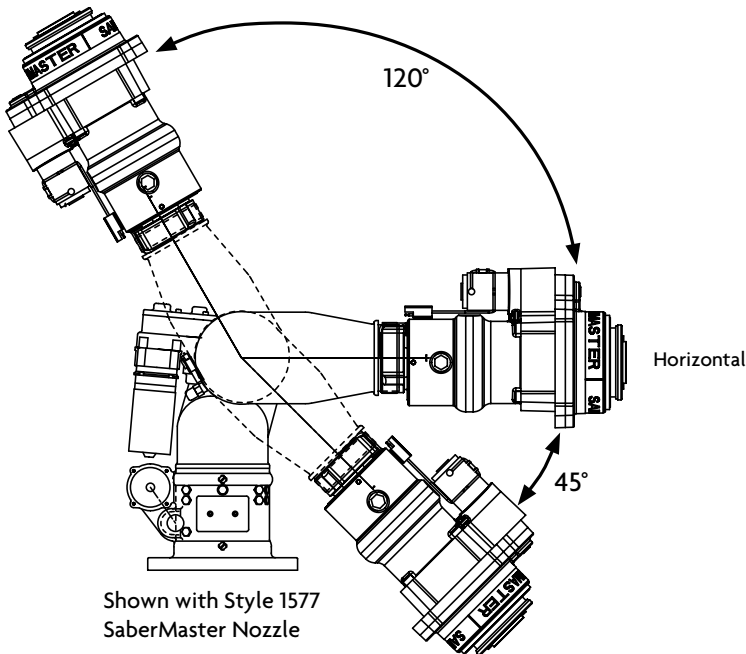
The same superior features of the StreamMaster *plus* extended vertical travel. The extended travel outlet on the StreamMaster XT provides for 30° increase in vertical range, enabling the ladder to be placed below the fire floor and deliver a stream into the involved area, keeping personnel and equipment in a safer position.

### 3598 StreamMaster XT

- Vertical travel 45° below and 120° above horizontal
- More efficient gearing increases torque, reducing amp draw
- Reinforced outlet elbow casting
- Improved waterway efficiency
- Stow option to avoid aerial bedding accidents - Must specify
- 348° horizontal and 165° vertical travel, both with adjustable stops
- Manual override
- 12 or 24 volt (24 volt CE approved) - Must specify
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Style 3598  
Shown with Style 5178  
Akromatic Nozzle



Shown with Style 1577  
SaberMaster Nozzle



Wireless Remote  
Control Available



StreamMaster available with position  
feedback for Position Indicator option

See Page 45 for Electric Monitor Accessories

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3598	45 (20.4 kg)	16 5/8" (422 mm)	14 1/4" (362 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600





# Gemini & TuckAway™

## Gemini Monitors

Gemini Monitors are of Pyrolite® construction with a compact split waterway designed with cast-in turning vanes. Gemini Monitors provide performance durability with either electric, hydraulic or handwheel operation.

### 3479 Electric Gemini Monitor

- 135° vertical travel and 348° horizontal travel, both with adjustable stops
- Manual override
- 12 or 24 volt (24 volt version CE approved) - Must specify
- Wireless remote control available
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Style 3479  
Shown with Style 5177  
Nozzle



Style 3475  
Shown with  
Style 5055  
Nozzle

### 3475 Hydraulic Gemini Monitor

- 135° vertical travel: 45° below to 90° above horizontal
- 360° continuous horizontal rotation due to innovative rotation joint design
- Optional manual override
- See page 167 for Monitor/Fog Nozzle Compatibility Chart

Wireless Remote  
Control Available

### 3470 Handwheel Gemini Monitor

- 360° continuous horizontal rotation
- Self-locking handwheel for horizontal and vertical travel
- Built-in pressure gauge with gauge guard
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Style 3470  
Shown with Style  
3488 Discharge Pipe  
& Style 489 Tip

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3470	25 (11.3 kg)	20" (508 mm)	13 1/4" (336 mm)	3" - 4" (75-100 mm) NPT or FL	2 1/2" (65 mm)	1000	3800
3475	32 (14.5 kg)	20" (508 mm)	10 1/4" (260 mm)	3" - 4" (75-100 mm) NPT or FL	2 1/2" (65 mm)	1000	3800
3479	46 (20.8 kg)	20" (508 mm)	13 1/4" (336 mm)	3" - 4" (75-101 mm) NPT or FL	2 1/2" (65 mm)	1000	3800

## TuckAway Monitor

The Electric Aerial TuckAway Monitor stows under the ladder for greater equipment protection. The TuckAway, once deployed, is capable of wider horizontal and vertical travel for greater coverage. Features an automatic safety stow to avoid aerial bedding accidents.

### 3350 TuckAway Electric Monitor

- Durable lightweight Pyrolite® construction
- User programmable stow/deploy positions
- 180° horizontal and 240° vertical travel - with adjustable stops
- Cast-in turning vanes for more efficient flow
- Diagnostic light for troubleshooting
- Emergency stop and manual overrides
- 12 or 24 volt
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Top view



Side view

Style	Weight lbs. (kg)	Stowed Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3350	50 (22.7 kg)	14" (355 mm)	17" (432 mm)	3" - 4" FL (75-100 mm)	2 1/2" (65 mm)	1000	3800

See Page 45 for Electric Monitor Accessories

# Electric Monitor Accessories



Flush Mount Joystick for Valve with Harness  
#34640080



Joystick for Valve, Stow & Auto Oscillation  
#34630040



Surface Mount Joystick for Valve  
#34630041



Standard Joystick with Harness  
#35780178



Standard Joystick for Valve with Harness  
#34640082



Tether Control with 30' or 100' Cable  
#34400019 (30' Teather Only) or #34400032 (100' Teather Only) & Connector  
#34400020 (Panel connector Only)  
#34400018 (30' Teather with Panel connector)



#3578  
#3479  
12 or 24 Volt Auxiliary Battery Box with 4' Cable  
#35780085 (12V) or #35780009 (24V)



Position Indicator  
#3440101\*\*



SIT Module  
#36000004



WRC - Receiver  
#36000003



WRC - Controller  
#36000002

#36000001



Surface Mount Control Box  
#35780004



Flush Mount Control Box  
#35780159



Surface Mount Control Box with Stow  
#3578002\*  
#33500003



Flush Mount Control Box with Stow  
#34400041  
#35781003\*



Surface Mount Control Box for Electric Valve  
#34630033

\*Use with six wire stow option on 3578 StreamMaster only

\*\* Must have piston feedback option

See Monitor/Nozzle Compatibility Chart on Page 167

See Accessories compatibility chart on Page 167



# Industrial Monitors

## Omega™ XP Monitor

The Omega XP brass monitor offers maximum travel for optimal coverage in industrial and marine environments.

### 3528 Omega XP Monitor

- Brass construction for corrosion resistance
- Cast-in turning vanes for more efficient flow
- Unique locking mechanism to hold desired position
- Enhanced design provides for less tip weight which translates to lower handle operating force
- 360° of horizontal movement and 135° of vertical movement
- Elevation 90° above to 45° below horizontal
- Maximum operating pressure of 200 psi
- Maximum flow 1250 gpm
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Style 3528  
Shown with  
Style 2151 Nozzle

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3528	55* (24.9 kg)	14** (356 mm)	9 3/4" (248 mm)	3" or 4" FL (75 or 102 mm)	2.5" NH (635 mm)	1250	4800

\* Less nozzle  
\*\* Less handle

## Omega™ XPV Monitor

The Omega XPV brass monitor has a built in valve for optimal versatility in industrial and marine environments.

### 3523 Omega XPV Monitor

- Brass construction for corrosion resistance
- Cast-in turning vanes for more efficient flow
- Unique locking mechanism to hold desired position
- Built-in 3" Heavy-Duty Swing-Out™ valve
- Enhanced design provides for less tip weight which translates to lower handle operating force
- 360° of horizontal movement and 135° of vertical movement
- Elevation 90° above to 45° below horizontal
- Maximum operating pressure of 200 psi
- Maximum flow 1250 gpm
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Style 3523  
Shown with  
Style 2151 Nozzle

### Incorporates Akron's proven Heavy-Duty Swing-Out Valve technology

- Unique 316 grade stainless steel ball - designed for superior gating
- 90° adjustable handle travel
- No lubrication or regular maintenance required
- Designed to exceed NFPA requirements

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3523	84 lbs* (38.1 kg)	21 3/16** (538 mm)	16 15/16" (405 mm)	3" or 4" FL (75 or 100 mm)	2.5" NH (6.35 cm)	1250	4800

\* Less nozzle  
\*\* Less handle

## Omega™ Monitors

- Brass Construction
- Cast-in turning vanes for more efficient flow
- 360° horizontal and 150° vertical travel
- Elevation 90° above to 60° below horizontal
- See page 167 for Monitor/Fog Nozzle Compatibility Chart

### 3526 Omega Monitor

- Full 3" waterway

### 3437 Omega Monitor

- Full 4" waterway
- Gas spring for better balance with various nozzle weights



Style 3437  
Shown with  
Style 3488  
Discharge Pipe and  
Style 489 Tip

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3526	72 (32.7 kg)	17" (432 mm)	11 1/2" (292 mm)	2 1/2", 3" or 4" FL (65, 75 or 100 mm)	2 1/2" (65 mm)	1250	4800
3437	114 (51.7 kg)	18 1/4" (464 mm)	17 1/2" (445 mm)	4" FL (100 mm)	3 1/2" NPSH (89 mm) 4" NH (100 mm)	2000	7600



## Aries™ Monitor

Single handwheel brass monitor for controlled elevation, 90° above to 60° below horizontal. Cast-in turning vanes for more efficient flow.

Style 3525  
Shown with Style 4450  
Aquastream™ Nozzle



- 3525 Aries Monitor**
- Full 3" waterway
  - Optional drain valve - Must specify
  - See page 167 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3525	66 (30 kg)	15" (380 mm)	14" (550 mm)	3" or 4" FL (75 or 102 mm)	2 1/2" (65 mm)	1250	4800

## Gemini™ Monitor

A self-locking dual handwheel brass monitor with a split waterway and cast-in turning vanes for efficient flow. Built-in pressure gauge and gauge guard.

- 3471 Gemini Monitor**
- 135° vertical travel
  - 360° continuous horizontal travel
  - See page 167 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3471	75 (34 kg)	20" (508 mm)	13 1/4" (335 mm)	3" - 4" (76-101 mm) NPT or FL	2 1/2" (65 mm)	1000	3800



Style 3471  
Shown with  
Style 3488  
Discharge Pipe  
& Style 489 Tip

## Conquest™ Monitor

A dual handwheel brass monitor with cast-in turning vanes for industrial fires and vapor releases.

- 3671 Dual Handwheel Conquest Monitor**
- Low friction loss
  - Full 4" waterway
  - 12 volt electric version available
  - Elevation 90° above to 90° below horizontal
  - See page 167 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3671	185 (84 kg)	21 1/2" (546 mm)	17" (431 mm)	4" FL (101 mm)	3 1/2" NH (89 mm)	2000	7600



Style 3671  
Shown with  
Style 5071  
Akromatic®  
Nozzle

## Storm™ Monitor

A dual handwheel brass monitor with cast-in turning vanes for industrial fires and vapor releases.

- 3690 Storm Monitor**
- 5" waterway
  - 360° rotation
  - Vertical travel 85° above to 45° below horizontal
  - See page 167 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3690	193 (87.5 kg)	49 1/2" (1257 mm)	30 1/2" (775 mm)	4" FL (101 mm)	3 1/2" NPSH (89 mm)	2000	7600



Style 3690  
Shown with Style 5071  
Akromatic Nozzle

## Bronco™ Deck Pipe

The Bronco Deck Pipe is a steel monitor with a full 3" waterway. The unit is made of 1/4" thick carbon steel tubing with brass to brass swivel joints and stainless steel locking handles.

- 2700 Bronco Deck Pipe**
- Full 360° horizontal travel with lock
  - 160° vertical travel with lock
  - Elevation 90° above to 70° below horizontal
  - Grease fittings for easy maintenance
  - See page 167 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
2700	79 1/2 (36.1 kg)	30" (762 mm)	21 3/4" (552 mm)	2 1/2", 3" or 4" NPT or FL (65, 75 or 100 mm)	2 1/2" (65 mm)	1200	4500



Style 2700  
Shown with Style 4450  
Aquastream™ Master  
Stream Nozzle



## Brass StreamMaster Monitors

StreamMaster Monitors have a uniquely designed, low profile 4" waterway with cast-in turning vanes. When coupled with an 80 psi nozzle, the pump can operate at lower pressures for flows up to 2000 gpm (7600 lpm).

### 3572 Brass StreamMaster Electric Monitor

A compact heavy duty, brass, 1000 GPM (4000 LPM) electric monitor designed for harsh environments.

- Heavy duty brass construction
- 12 or 24 volt DC (24 volt CE approved) for non hazardous locations - Must specify
- 348° of horizontal and 135° of vertical travel both with adjustable stops
- Manual override
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



STYLE 3572 Electric Brass StreamMaster shown with STYLE 4471 AkroFoam Master Stream Nozzle

See Page 45 for Electric Monitor Accessories

### 3571 Brass StreamMaster Manual Monitor

The Streammaster Manual Monitor is a dual handwheel controlled monitor suited for large flow needs in fixed site installations.

- Heavy duty brass construction
- Full 360° horizontal travel and 135° vertical travel, both with adjustable stops
- Elevation 45° below to 90° above horizontal
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



STYLE 3571 Brass StreamMaster shown with STYLE 5171 Master Stream Nozzle

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3572	33 (15 kg)	16 5/8" (422 mm)	14 1/4" (362 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	1000	4000
3571	45 (20.5 kg)	16 5/8" (422 mm)	14 1/4" (362 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600

## Manual Elevated Monitor

Akron Brass' Manual Elevated Monitor is ideal for industrial fixed site applications. Its' unique design features the most compact, simple and efficient elevated monitor without compromising the superior performance you've come to expect from Akron Brass products.

### 3530 Manual Elevated Monitor

- Corrosion resistance materials used throughout
- Heights – 10, 15 and 20 feet
- Flow rate – up to 750 GPM
- Rotation and elevation – Locking handle at the base of the tower
- Nozzle pattern adjustment – cables at the base of the tower
- Optimized nozzle design
  - Excellent reach: 235 feet at 750 GPM
  - Trouble free pattern actuation
  - Integral stream shaper
- Maintenance free rotation joint design



Elevation Control Handle

Nozzle Pattern Adjustment Cable

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3530	250* (113.4 kg)	10' (3048 mm)	26 3/4" (680 mm)	4" FL (100 mm)	2.5" N (65 mm)	750	2900
	326* (147.4 kg)	15' (4572 mm)					
	402* (92.5 kg)	20' (6096 mm)					

\* Less Nozzle



## Hydrant Mount

- 2775 Hydrant Mount - Ground Legs**
- Hydrant Mount permits a fixed site monitor such as the Aries™, Omega or Bronco™ to be mounted to a 2 1/2" hydrant port
  - Height adjustment from the ground to center of the hydrant discharge is 17 1/2" to 28"
  - Length: 9 1/2" from the swivel to the middle of flange
  - 2 1/2" swivel inlet
  - 3" or 4" flange outlet - Must specify
  - Weight: 41 lbs.
  - Maximum operating pressure 100 psi (7 bar)
  - Maximum flow 1200 gpm (4500 lpm)



Style 2775  
Shown mounted on a hydrant with Style 3526 Omega™ Monitor (page 46) and Style 4450 Aquastream Master Stream Nozzle

## Rover™ Monitor Cart

A single waterway monitor with wheeled maneuverability for in-plant protection.

- 3428 Rover Monitor Cart**
- Two hose racks provide capacity for 100' of 2 1/2" hose
  - Complete with gauge and guard, safety chain, and locking wheels with ground spikes
  - Removable handle for easy storage
  - Horizontal travel: 40° right and left of center (80° total)
  - Vertical travel: 90° to 35° above horizontal

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3428	110 (49.9kg)	24" (610 mm)	42" (1066 mm)	2 1/2" (65 mm)	2 1/2" NH (65 mm)	800	3030



Style 3428  
Shown with Style 4452 Aquastream™ Master Stream Nozzle

## 4 Way Monitor Manifold

Convenient, fixed site monitor mount with built-in manifold.  
For use with remote, underground valves.

- 3529 4 Way Monitor Manifold**
- 4 - 2 1/2" NH side outlets with caps and chains-standard
  - Cast iron construction
  - Inlet - 6" 150# ANSI flange
  - Outlet - 4" 150# ANSI flange
  - Weight: 77 lbs.
  - Ideal set-up for pump test application



Style 3529  
Shown with optional Style 3526 Omega monitor, Style 4450 Aquastream Nozzle and two Style 285 Gate Valves

Custom Hydrants available - Contact Akron Brass Industrial Group



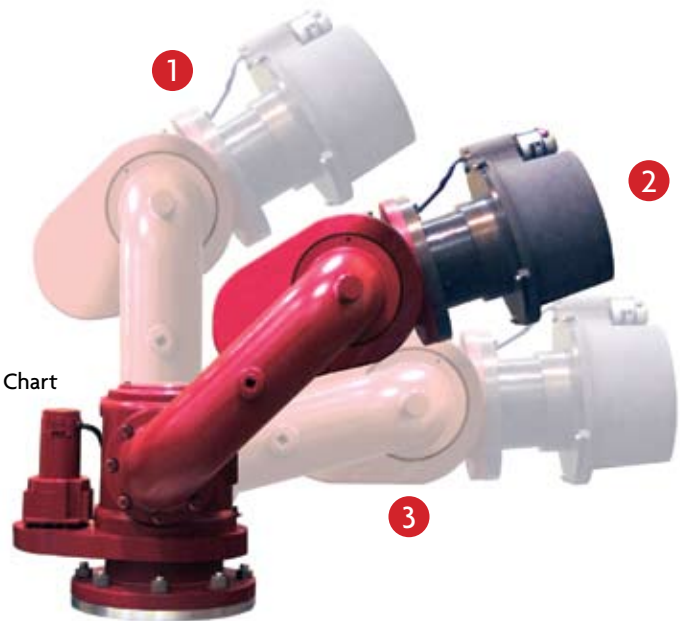
# Renegade™ Monitor

## Renegade Electric Monitor

The Renegade electric monitor is a large flow master stream appliance designed specifically for industrial pumpers, aerials, or fixed site applications. This unique monitor combines an all-electric control package with a compact design to provide superior performance and easy installation.

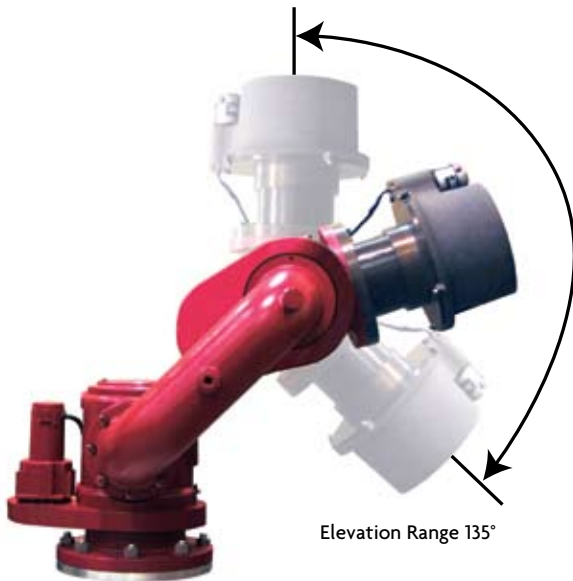
### 3580 Renegade Electric Monitor

- Lightweight Pyrolite® construction
  - less than 200 lbs. including the nozzle
- Low friction loss
  - only 27psi at 5000 gpm
- Advanced Features
  - position feedback, automatic stow, low current draw and more
- Additional Features
  - manual overrides, drain port, multiple outlet positions and more
- Available - Position Indicator
- See page 167 for Monitor/Fog Nozzle Compatibility Chart



Three middle elbow mounting positions (Must Specify)

- ① 90° - Aerial Applications
- ② 45° - Pumper Applications
- ③ 22 1/2° - Pumper Applications (With Height Restriction)



Elevation Range 135°

Style	Weight lbs. (kg)	Inlet	Outlet	Flow	
				GPM	LPM
3580	150 (68 kg)	8" FL (200 mm)	6" FL & Storz (150 mm)	5000	19000

Renegade Cube Dimensions			
Middle Elbow Angle	22.5°	45°	90°
Dimensions (LxWxH)	43"x43"x22" (1090x1090x559 mm)	33"x33"x28" (838x838x711 mm)	22.5"x22.5"x33" (572x572x838 mm)
Dimensions (LxWxH) w/ nozzle	70"x70"x22" (1778x1778x559 mm)	60"x60"x28" (1524x1524x711 mm)	27"x27"x33" (686x686x838 mm)



See Page 45 for Electric Monitor Accessories

Wireless Remote Control Available



# Severe-Duty Monitors

Corrosion resistant monitors with maximum travel for optimal coverage in industrial, mining and marine environments.

## Severe-Duty Monitors

The Severe-Duty, multi-purpose monitor is designed to withstand continuous operation while mounted on heavy-duty equipment like off-road fire, construction, mining, or landfill vehicles. Dusty, dirty, outdoor, and continuous vibration applications are what this Akron Brass severe-duty monitor is designed to survive. Excellent for fixed site non-classified wash down or fire protection.

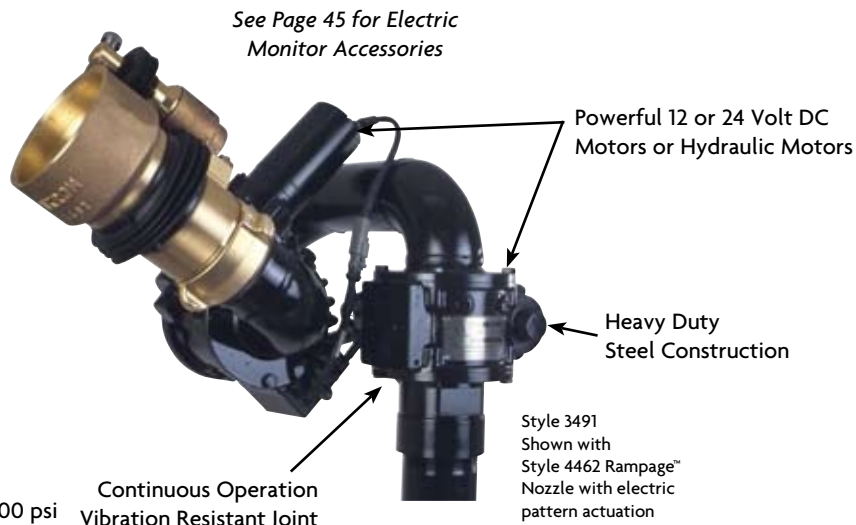
- Stainless Construction
- 320° Rotation
- 155° Elevation (+90°, -65°)
- Fast travel, 20°/ sec
- Pressures up to 200 psi
- 2 1/2" Waterway (63.5 mm)
- Reaches 200' at 750 gpm
- See page 167 for Monitor/Fog Nozzle Compatibility Chart

### Control Options:

- Joystick Control
- Toggle Control
- Control Panel

**3491 Severe-Duty Electric Monitor**  
12/24 volt motor

**3492 Severe-Duty Hydraulic Monitor**  
Hydraulic motor flow 1/2 gpm @ 500 psi



Style	Weight lbs. (kg)	Height	Width	Length	Inlet	Outlet	Flow	
							GPM	LPM
3491	57 (25.6 kg)	10" (254 mm)	10 1/2" (267 mm)	11 1/2" (292 mm)	2 1/2" NPT (65 mm) 3" FL (75 mm)	2 1/2" NH (65 mm)	750	2900
3492	59 (26.7 kg)	10" (254 mm)	10 1/2" (267 mm)	11 1/2" (292 mm)	2 1/2" NPT (65 mm) 3" FL (75 mm)	2 1/2" NH (65 mm)	750	2900

## Omega™ SD Severe-Duty Monitor

**3524 Omega SD Severe-Duty Monitor**

- Ideal for high usage applications
  - Mining
  - Tank Cleaning
  - Equipment Wash Down
- Extensive duty-cycle use
- Brass & stainless steel construction
- Cast in turning vanes
- Unique severe-duty joint design
- See page 167 for Monitor/Fog Nozzle Compatibility Chart

### Product Ratings:

- Maximum Flow: 1250 gpm (4800 lpm)
- Maximum Pressure: 200 psi (1400 kpa)
- Articulation:
  - 360° Horizontal
  - 90° to +90° Vertical
- Friction Loss @ 1000 gpm – 12 psi

Style	Weight lbs. (kg)	Inlet Standard	Inlet Optional	Outlet	Flow	
					GPM	LPM
3524	58.5 (26.5 kg)	3" (75 mm)	3" or 4" FL (75 or 102 mm)	2.5 NH (65 mm)	1250	4800



Style 3524  
Shown with  
Style 499 Triple Stacked  
Deluge Tips



# Industrial Monitor Systems

## Conquest™ Electric Remote Controlled Monitor System

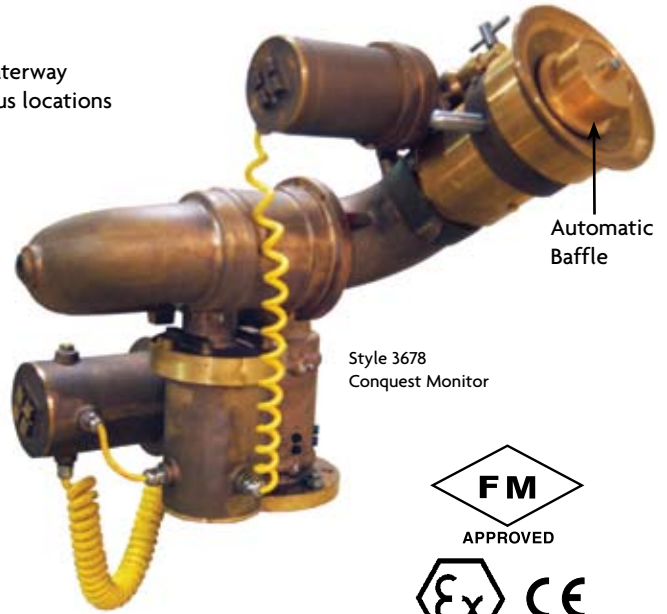
The Conquest Electric Remote Controlled Monitor System was designed as a small compact unit with exceptional performance and value. This System is ideal for use in industrial fire suppression, vapor mitigation, and other fixed site applications.

### 3678 Conquest Electric Monitor System

- Brass construction for use in severe environments
- Efficient flows up to 2000 gpm (7600 lpm) through a 4" waterway
- FM approved for NEC Class 1, Div 2, Groups C & D hazardous locations
- Electric motors with current limiting and dynamic braking
- Fixed or automatic baffle nozzles
- Optional oscillation available (short duration only)
- Manual overrides



Conquest Drive System



Style 3678  
Conquest Monitor



Zone 1 - EEx d  
OR  
Zone 2 EEx nR

## Storm™ Electric Programmable Monitor System

The Storm Electric Programmable Monitor System provides a superior fog curtain and excellent straight stream reach coupled with precision nozzle positioning. This Storm System is designed for industrial fire suppression, vapor mitigation and other harsh environment applications.

### 3698 Storm Electric Programmable Monitor System

- Brass construction for use in severe environments
- High efficient flows up to 2500 gpm (9500 lpm) through a 5" waterway
- Hazardous environment ratings: NEC Class 1, Div. 2, Groups C&D
- Fully programmable for automated positioning with gas detectors or PLCs
- Precision servo motors and programmable drives for high accuracy positioning
- Fixed or automatic baffle nozzle with wide angle fog pattern for vapor mitigation
- Manual Overrides



Storm Drive System



Style 3698  
Storm Monitor



## Genesis™ Hydraulic Monitor Systems

- Brass or Pyrolite® construction
  - Continuous 360° horizontal rotation
  - High, efficient flows up to 1250 gpm (4800 lpm) through a 3" waterway
  - Fixed or automatic baffle nozzles:
- Style 5056 Automatic, Styles 2156, 2158 Fixed

- 3595 Genesis Electric Hydraulic Monitor System**
- Electric hydraulic power unit for remote control of all functions
  - Optional potentiometers available for position feedback
  - Optional manual hydraulic power unit for manual override

- 3590 Genesis Hydraulic Manual Monitor System**
- Stand alone or manual override for electric HPU
  - Designed as a replacement for chains and pulleys with hand pump operation



Genesis Monitor



Style 3476 Brass Genesis Monitor

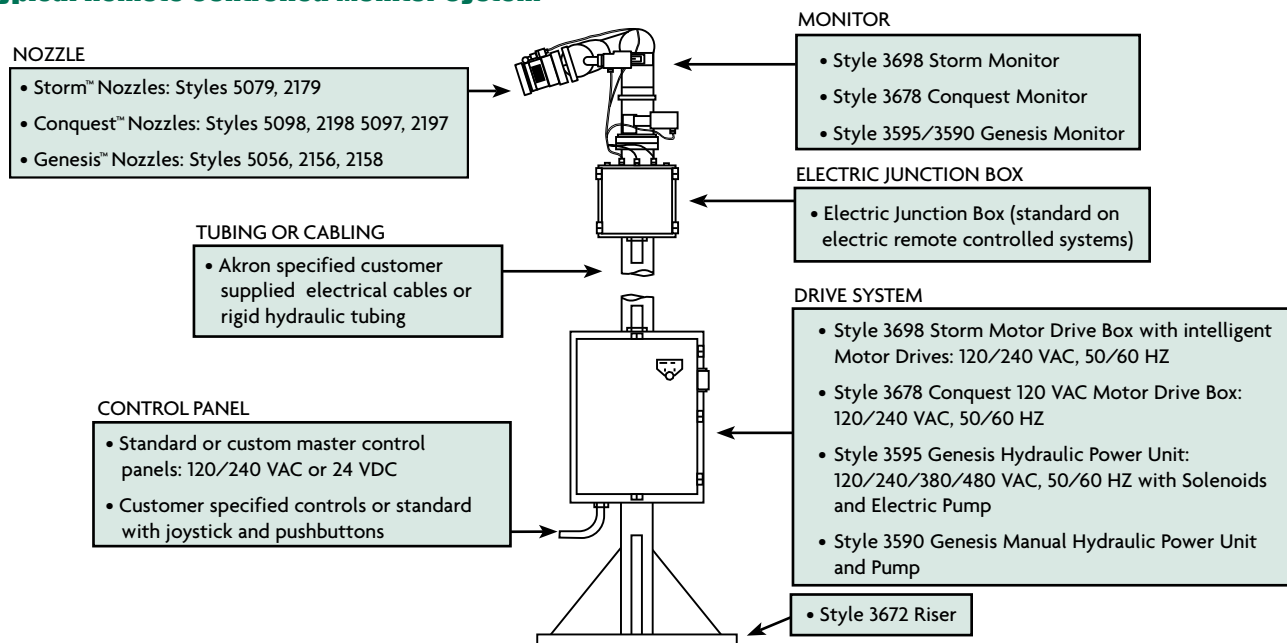


Style 3595 Genesis Electric HPU



Style 3590 Genesis Manual HPU

## Typical Remote Controlled Monitor System



Each Industrial System is custom engineered for specific applications.  
 Contact Akron Brass Industrial Systems Group for assistance.  
[industrialsystems@akronbrass.com](mailto:industrialsystems@akronbrass.com)

## Tank Wash Down System

Akron Brass tank cleaning systems offer a wide range of solutions to improve productivity and reduce equipment down time. Automated tank washing operations often use remote-controlled monitors with programmable controls to quickly and thoroughly clean interior surfaces in railroad tank cars. Monitors may require special materials and seals to withstand various tank contents and washing solutions.

### 3493 Tank Wash Down System

- Stainless Steel, 2.0" diameter waterway
- Flows up to 500 GPM (1900 LPM)
- Severe duty joints
- Programmable – servo motor controlled
- Custom control panels and programs
- Virtually eliminates confined space concerns



STYLE 3493  
Shown with  
STYLE 489 Tip

## Large Vehicle And Heavy Equipment Washing

Akron's line of heavy-duty vehicle washing water cannons are ideal for routine cleaning of road construction equipment and large on road trucks. Reduce time normally required by current washing methods from hours to minutes with Style 3493 water cannon.



### 3493 Large Vehicle And Heavy Equipment Washing

- Stainless steel, 2.5" diameter waterway
- Flows up to 750 GPM (2900 LPM)
- Severe duty joints
- Simple joystick or fully programmable – servo motor controlled
- Custom control panels and programs



STYLE 3493  
Shown with  
STYLE 489 tip

## Crowd Control Truck Water Cannon

The Style 3563 is a technologically advanced remote controlled water cannon with features to meet the demands necessary for emergency crowd control. With flows up to 500 GPM (1900 LPM) the water can be delivered as a continuous stream or in pulses. Controlled by a high-speed joystick an adjustable control system the Style 3563 delivers quicker response times and more accurate tracking and targeting.

### 3563 Crowd Control Truck Water Cannon

- Emergency Crowd Control
- Quick Response
- Proven Technology
- Easy To Install And Maintain
- Optional Programmable Pulse - Stream Jet
- Faster Target Acquisition
- Adjustable Control System
- 320° Rotation
- 135° Elevation (+45° to -90°)
- Programmable Pulse - Stream Jet Options



STYLE 3563 Shown with  
STYLE 417 Tip



Optional high speed valve provides pulses between 1/2 second - 2 1/2 seconds in length or can be used in continuous mode.

Style	Flow Rate	Max Pressure	Outlet	Inlet	Weight	Travel		Nozzle Options
						Vertical	Horizontal	
3563	500 GPM 100 PSI (1900 LPM @ 7 bar)	200 PSI (14 bar)	1 1/2" (38 mm)	2" (51 mm)	25 lbs (11 Kg)	-45° - +90°	0° - 320°	Solid bore, Adjustable or fixed flow
3563 <i>With Optional High Speed Valve</i>	200 GPM 100 PSI (750 LPM @ 7 bar)	150 PSI (10 bar)	1 1/2" (38 mm)	2" (51 mm)	25 lbs (11 Kg)	-45° - +90°	0° - 320°	Solid bore, Adjustable or fixed flow

## Conquest™ Force Protection Monitor

In recent years, the act of piracy against ocean going vessels has become increasingly prevalent. While container ships seem to be the key target, cruise ships, tankers and freighters have also been boarded. Akron's line of large flow monitors are ideally suited for ship board mounting when less than lethal force protection is required.

### 3678 Conquest Force Protection Monitor

- Remote controlled Conquest™ Monitor
- Control console mounted on the bridge
- Flows up to 2000 GPM (7600 LPM); 275 lbs of water at 110 ft/sec (75 mph)
- Straight bore tip or automatic nozzle
- High power search light - Option
- Camera - Options

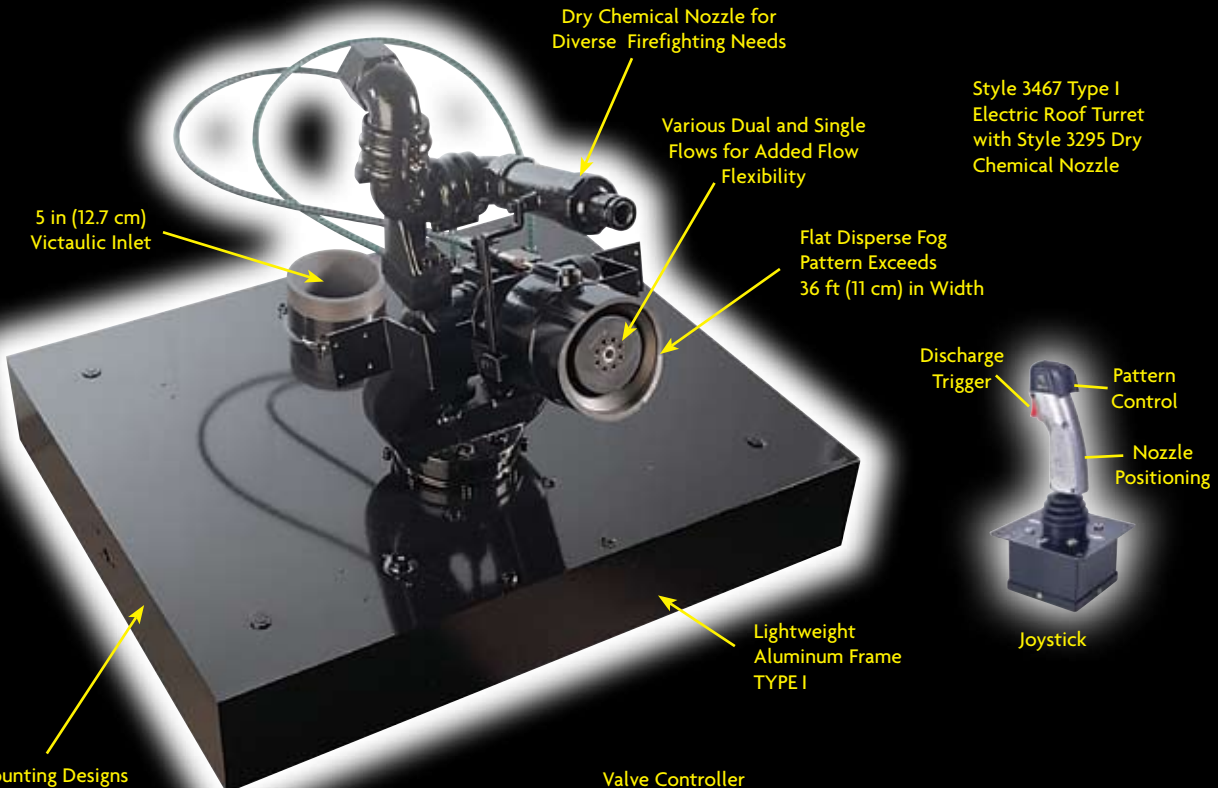


STYLE 3678  
Shown with STYLE 489 Tip,  
STYLE 488 Discharge Pipe &  
Optional Marine Spot Light

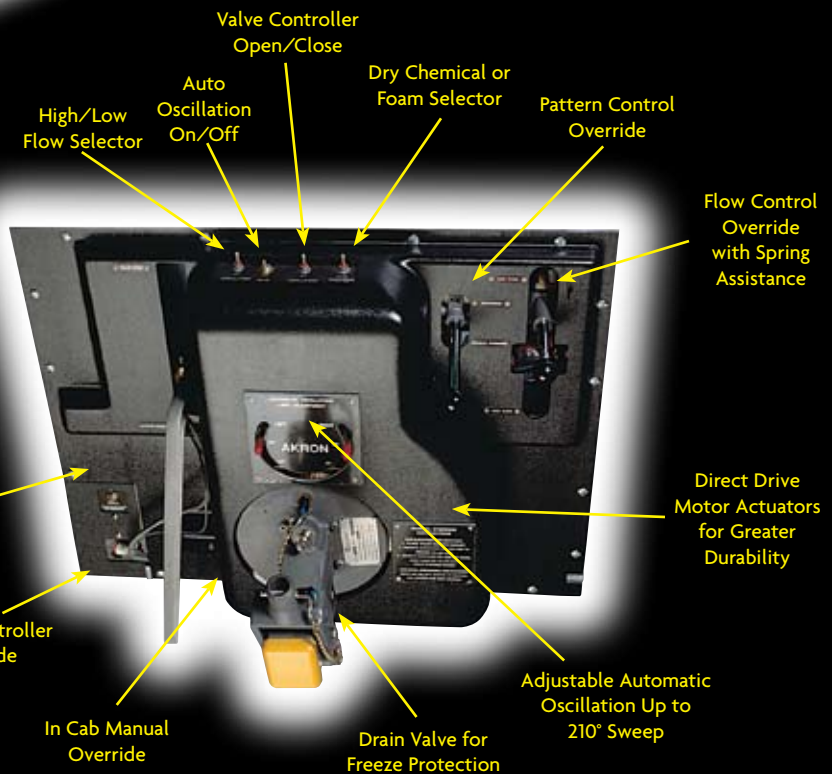


# Roof Turrets

Akron® Roof Turrets offer greater reliability and superior performance when second best is not an option. Akron Turrets come in a variety of roof top designs and flows, either aspirated or non-aspirated, all with easy-to-use controls from inside the truck cab. Our Turrets offer joystick control and adjustable automatic oscillation with at least 210° sweep for extended coverage. All units exceed NFPA 414 and FAA requirements.



- Roof Mounting Designs
- Type I - Frame Above Roof
  - Type II - Frame Flush with Roof
  - Type III - Air Transportable
  - Type V - Rear Inlet Frame Above Roof



AKRON BRASS COMPANY | PH. 800.228.1161 (330.264.5678) | FAX 800.531.7335 (330.264.2944) | www.akronbrass.com



## Roof Turrets

### 3367 Air Aspirated Electric Roof Turret

- Weight: 250 lbs (95 kg)

### 3368 Air Aspirated Manual Roof Turret

- Manual operation
- Weight: 250 lbs (95 kg)

### 3467 Electric Roof Turret

- Weight: 210 lbs (113 kg)

### 3468 Manual Roof Turret

- Manually operation
- Weight: 210 lbs (113 kg)



Style 3367 Type I

Type	Rotation	Nozzle Travel	
		Elevation	Volts
I	210° or 240°	+45° -20°	12 or 24
II	180° or 210°	+45° -15°	12 or 24
III	180° or 210°	+45° -15°	12 or 24
V	300°	+75 -15	24

#### Available Dual Flows\* (Single Flow Available up to 1000 gpm)

LOW	GPM	250	375	400	500	600	750
	LPM	950	1420	1525	1900	2250	2900
HIGH	GPM	500	750	800	1000	1200	1500
	LPM	1900	2900	3030	3800	4500	5700

\* All flows with rated pressure of 190 to 220 psi

## Electric Roof Turret

### 3353 Electric Roof Turret

- Flows from 250 to 1000 gpm (946 to 3800 lpm)
- 180° rotation & elevation travel
- 12 or 24 volt
- 4 in (10cm) flange
- 2.5 in (63 mm) outlet
- Position feedback
- Durable lightweight Pyrolite® construction
- Weight: 50 lbs (22.5 kg)
- Automatic drain valve for freeze protection
- Cast-in turning vanes for efficient flows
- Cable driven manual override connections - Optional
- Joystick or switch controller available



Style 3353  
Electric Roof Turret with  
Style 5075 Flat Disperse  
Nozzle

### 3460 Roof Turret With Integral Nozzle (Type I)

A manually operated turret with pattern and directional controls and a non-aspirated nozzle. This turret is designed for use on most types of ARFF vehicles. The unit has a separate pattern control lever and a discharge control switch mounted on the end of the control handle.

- Standard flow: 500 gpm (1900 lpm)
- Optional flows: 250, 400 and 450 gpm (950, 1525, and 1700 lpm)
- Horizontal travel up to 340°
- Vertical travel +45° to -20°
- Spinning teeth for fog pattern efficiency
- Style 3296 Dry Chemical Nozzle - Optional
- 1 1/2" NPT female inlet below the mounting plate
- Height: 13 1/2" (above plate), width: 14", length: 15 1/2" (excluding pattern control cable)
- Weight: 105 lbs. (47.6 kg)



Style 3460  
Roof Turret With Integral  
Nozzle shown with Style  
3296 Dry Chemical Nozzle

Inside cab  
pattern control

## Dry Chemical Nozzle

### 3295 Dry Chemical Nozzle

- Designed for attachment to air aspirated and non-air aspirated roof turrets
- Dual swivel joints for easy operation of the turret
- Standard discharge: 16 lbs (7.25 kg) per second
- Good reach and pattern
- Weight: 5.5 lbs (2.6 kg)

Style 3295  
Dry Chemical Nozzle for  
Styles 3367 or 3368 Air  
Aspirated Turret



Style 3295  
Dry Chemical Nozzle for  
Styles 3467 or 3468

## Trident HFRT-10

Akron Roof Turrets offer greater reliability and unmatched superior performance in situations when second best is not an option. Akron is introducing its newest turret. This new roof turret will deliver up to 2000 GPM (7600 LPM). You no longer need to worry about re-positioning your truck with rotation capabilities up to 380°. To meet the demands of the industry, multiple control options and a variety of nozzle options are available. All units exceed NFPA 414 and FAA requirements.

### 3356 TRIDENT HFRT-10

- Manual Handwheel Controls
- Flow: 350-2000 GPM (1325-7600 LPM)
- Inlet pressure of 150 psi (10 bar) non-aspirated  
190 psi (13 bar) aspirated
- MAX inlet psi 250 psi (17 bar)
- Horizontal rotation up to 380°
- Vertical travel from +70° & -30°
- Inlet: 4" 150 lb flange (102mm 68 kg)
- Outlet: 3.5" NH (89mm)
- Position feedback
- 12V & 24V
- Works with Electric MasterStream Nozzles
- Painted black finish
- Durable lightweight Pyrolite® construction

#### Upgrade Features:

- Decorative cover with lights
- Standard joystick options
- Proportional speed joystick
- Wireless remote control
- Works with dry chemical piggy back
- Optional gas spring for large nozzles
- Inside the cab manual overrides



STYLE 3356  
Shown with STYLE 5178  
Akromatic™ 2000 Nozzle



3356 Turret Friction Loss:  
(Turret only)

Flow	PSI (bar)
750 GPM (2900 LPM)	4 (.28)
1000 GPM (3800 LPM)	6 (.41)
1500 GPM (5700 LPM)	17 (1.2)
2000 GPM (7600 LPM)	29 (2)



STYLE 3356  
shown with STYLE 3624  
1600 GPM Foam Tube  
(See page 20)



# Bumper Turret

Akron® Bumper Turrets are non-air aspirated intended for use with water and class A & B foams. They are designed to perform in various applications including wildland, brush, aircraft, fuel spill and vehicle fires.

## Bumper Turrets

### 3465 Bumper Turret

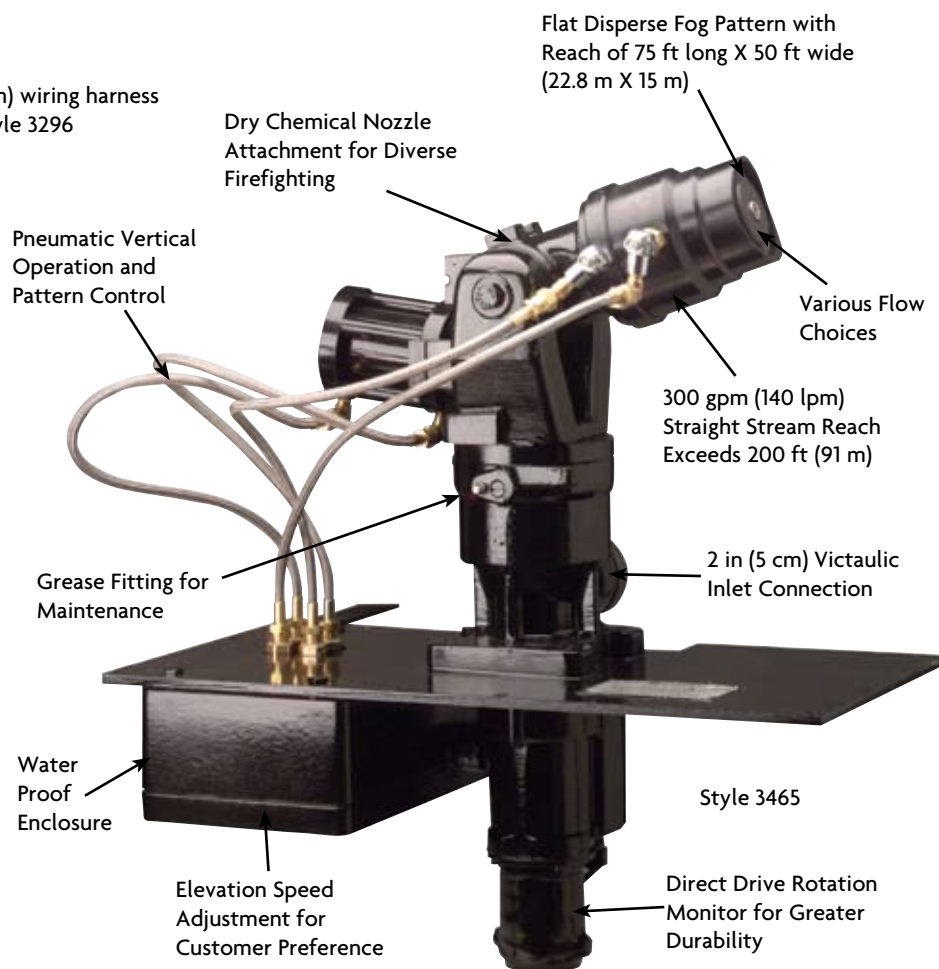
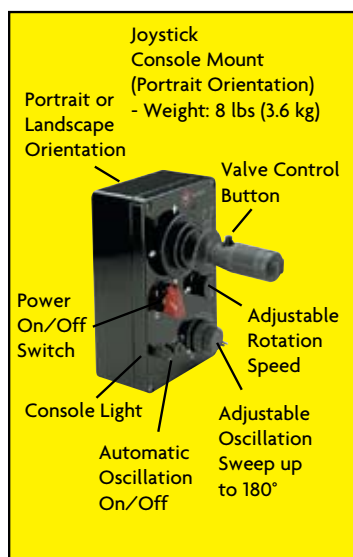
Designed for where adjustable application speed and automatic oscillation are required. All turrets exceed NFPA 414 & FAA requirements.

Available Flows For 3465								
<b>GPM</b>	60	95	125	150	200	250	300	500
<b>LPM</b>	230	360	475	550	750	950	140	1900

- Vertical travel 45° above and 20° below horizontal
- 180° Horizontal travel
- Weight: 35 lbs (15.8 kg)

Must Specify:

- 12 or 24 volt
- 8, 12 or 25 ft (2.4, 3.7, 7.6 m) wiring harness
- Dry Chemical Nozzle - Style 3296
- Flow requirement
- Joystick orientation



## Dry Chemical Nozzle

### 3296 Dry Chemical Nozzle

Designed for mounting on top of a Style 3465 & 3463 Bumper Turret.

- Dual swivel joints for easier operation of the nozzle
- Standard discharge 16 lbs (7.25 kg) per second
- Weight: 5.5 lbs (2.6 kg)



## FireFox™ All-Electric Remote Controlled Bumper Turret

The FireFox, an all Electronic Monitor from Akron Brass, is a technologically advanced remote controlled single waterway monitor. The FireFox Monitor is designed to meet various water, foam, CAFS, and dry chemical needs. This versatile monitor can be used for ARFF vehicles and deicing applications.

- 3463 FireFox Remote Controlled Monitor**  
For more product information see page 41.



Style 3463

## TuckAway Electric Bumper Turret

- 3352 Electric Bumper Turret**
- Flows from 250 to 1000 gpm (946 to 3800 lpm)
  - Cast-in turning vanes for efficient flows
  - Cable driven manual override connections - Optional
  - Position feedback - Optional
  - Durable lightweight Pyrolite® construction

- Options
- Accepts a large variety of nozzles
  - Speed control



Position indicator available



Cast-In Turning Vanes for More Efficient Flows

Position Feedback for Program Interface

Durable Lightweight Pyrolite Construction

Water Proof Motor and Gear Actuator

Automatic Baffle for Consistent Performance

Adjustable Stops on Vertical and Horizontal Travel

Flat Disperse Fog Available

Style 3352 Shown with Style 5075 Flat Disperse Nozzle

See Page 45 for Electric Monitor Accessories

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3352	37 (16.8 kg)	13 1/2" (343 mm)	11 1/4" (285 mm)	3" FL (76 mm)	2 1/2" (63.5 mm)	1000	3800

## UltraHigh Pressure Bumper Turret

In the new arena of ultra high pressure fire fighting, Akron Brass is introducing its Ultra High Pressure Bumper Turret. This new turret is capable of delivering 300 GPM at 1500 psi.

### 3450 UltraHigh Pressure Bumper Turret

- Flows 300 GPM at pressures up to 1500 psi
- Inlet: 2" NPT
- Outlet: 1.5" NH
- Vertical Travel: +70° & -30°
- Horizontal Travel: 180°
- 12V & 24V
- Position Feedback
- Dry Chemical Piggy Back
- Weight without Nozzle & Piggy Back 60.8 lbs.

#### Nozzle Options:

Style 1550 Saber Master™ Nozzle

Style 1410 Plain Tip w/ Style 3485 1½" Mini Shaper

Uses FireFox control options, see page 45



Style 3450  
Shown with Style 1550  
SaberMaster Nozzle

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3450	61 (28 kg)	16 7/8" (429 mm)	15 23/32" (399 mm)	2" NPT (50.8 mm)	1 1/2" (38.1 mm)	300	1140

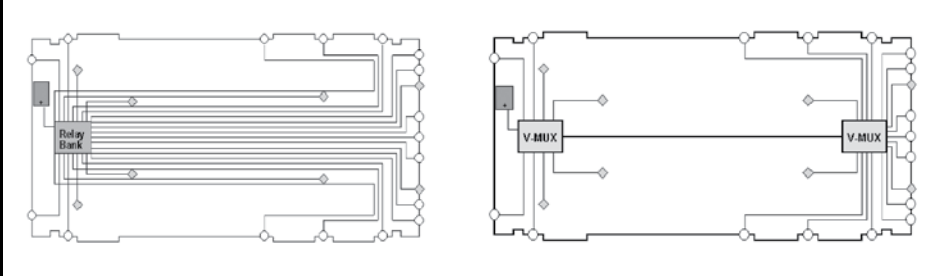




# V-MUX™ Multiplex Systems

## WHAT IS MULTIPLEXING?

Multiplexing is a means of transmitting multiple signals over one line.



## WHY MULTIPLEX WITH V-MUX?

V-MUX® integrates all systems and components; empowering the OEM to design their electrical systems using an intuitive suite of software tools.

The V-MUX advantage:

**Fewer wires.** Traditional electrical systems have hundreds of wires running along the frame and through the cab and body. This often makes it difficult to install new components or troubleshoot existing ones. V-MUX will reduce the number of wires, reducing your labor.

**Fewer splices and connectors.** Fewer wires also means fewer splices and connections. Poor splicing techniques and corroded connections are two of the most common problems with traditional vehicle wiring. V-Mux reduces splices by 75% and reduces connections by 25%.

**No electromechanical relays.** Traditional wiring systems need to use relays for logic and output control. Relays are mechanical devices that will eventually fail. V-MUX uses solid state devices that don't wear out.

**Built-in diagnostics.** The laborious job of tracing electrical faults with a trouble light and volt-ohm meter is simplified by the built-in diagnostics that comes standard with the V-MUX System.

**Dedicated factory support.** The V-MUX system is supported by a world-wide, highly trained and specialized engineering group.

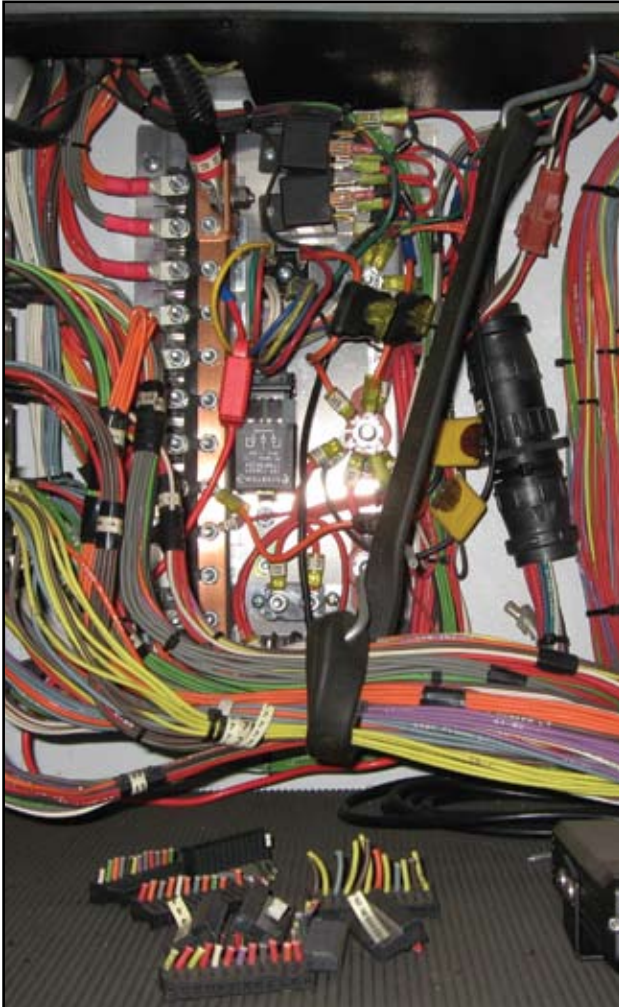
**A long history of success.** Since 1998, Weldon V-MUX multiplexing systems have been in service in the harshest operating conditions, from Alaska to the Arabian desert.



## THE V-MUX® MULTIPLEXING SYSTEM

V-MUX is a complete electrical control system. The power distribution units (nodes) reduce wire harness bundles and electrical control hardware. Our software introduces advanced control features not available in traditional wiring systems. The combination of hardware and software make up the V-MUX system.

### Traditional Wiring



### V-MUX Wiring



*“Over the past ten years, V-MUX customers have spent 30% less time installing their electrical systems.”*

**Pete Luhrs**  
Director of Multiplexing  
Weldon (A Division of Akron Brass)

## WHAT WILL V-MUX® DO FOR ME?

- Provide short and open circuit detection
- Eliminate electromechanical relays
- On-board service information
- On-board diagnostics
- Reduce splices by 75%
- Reduce connections by 25%
- Increase reliability and minimize downtime
- Simplify troubleshooting and repairs



## THE V-MUX ADVANTAGE

- Peer-to-Peer System
  - Nodes hold their own configurations
  - Nodes can operate independently for improved reliability
- Integrated load Shedding and sequencing
- Dimming controls
- The OEM can configure all of the displays/screens
- Easy to use, windows® based programs
- Training and support provided
- Reverse polarity protection
- Modules operate from -40° to +85° C.
- RF testing to 100V/meter
- Exceed most SAE, NFPA, NMEA and RVIA standards for electronics
- 100% solid-state technology



## WHAT IF I WANT TO MAKE UPGRADES OR CHANGES?

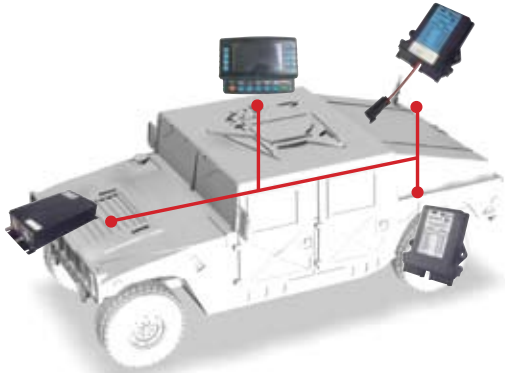
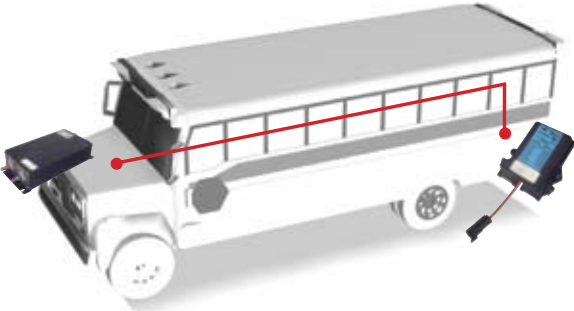
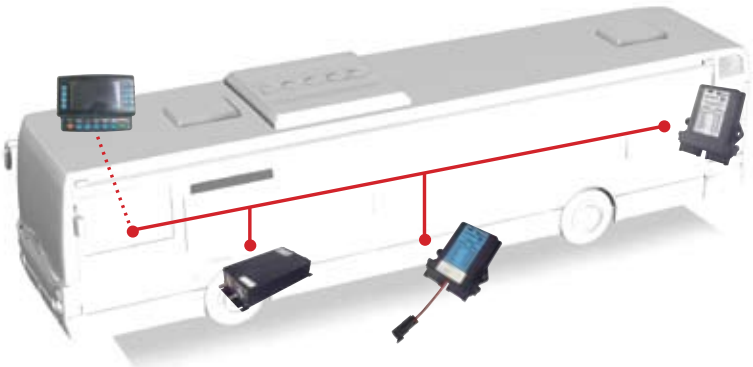
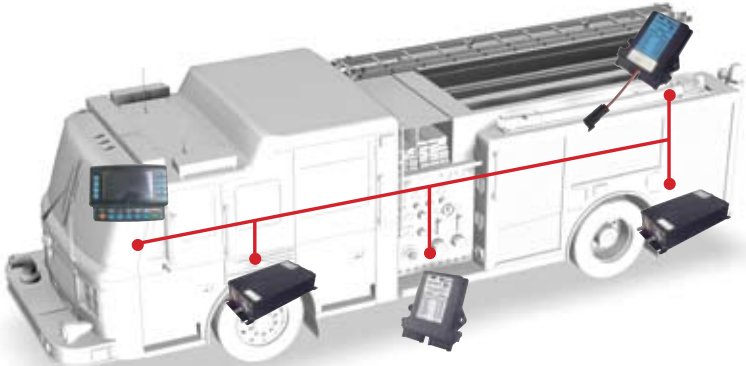
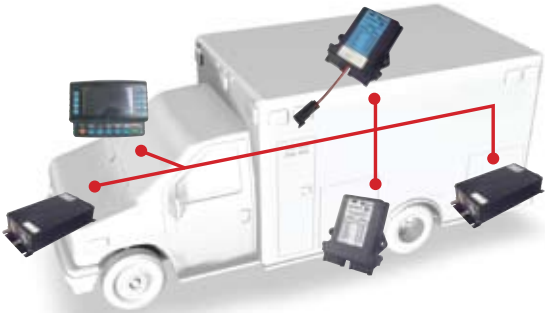
The SystemDesigner™ software allows the OEM to configure the vehicle. The OEM can e-mail or remote download the update to the vehicle.





**MULTIPLEXING FOR SPECIALTY VEHICLE MARKETS**

- Ambulance
- Fire Truck
- Transit Bus
- School Bus
- Military



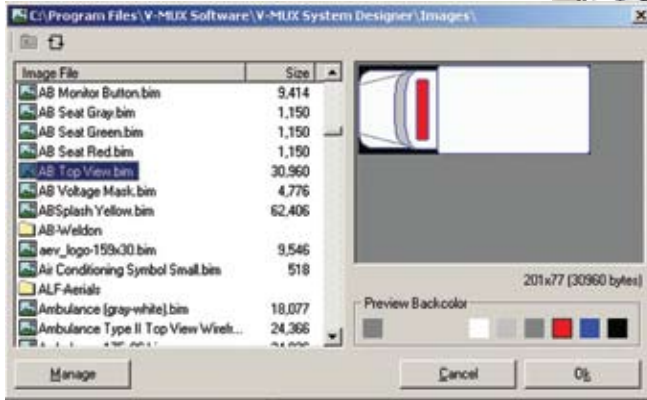
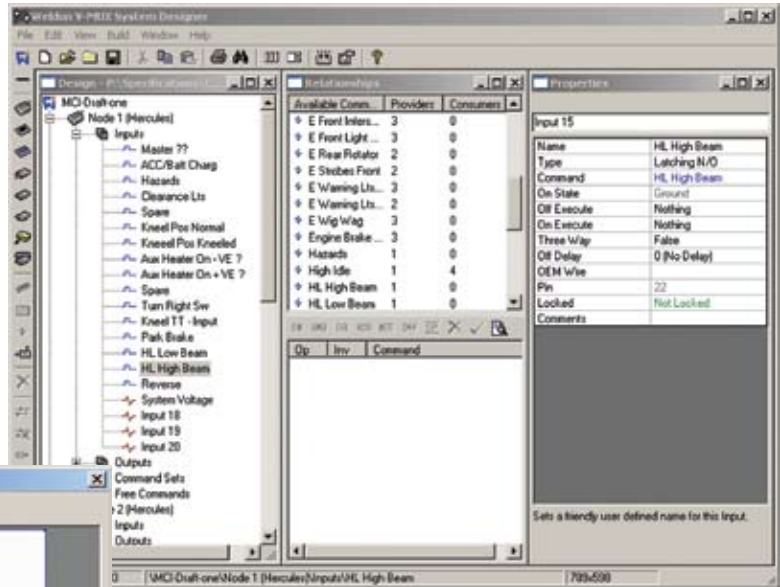
**Weldon Vehicular Lighting & Electrical Control**



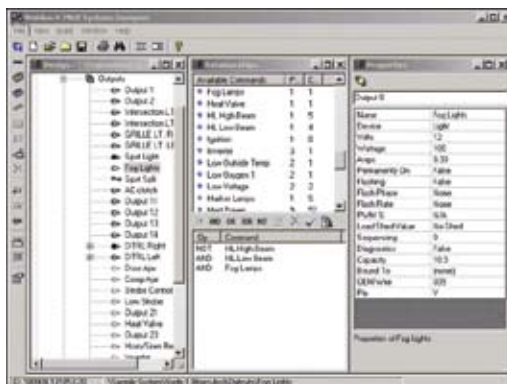
## SystemDesigner™ Software

The V-MUX® SystemDesigner software is an all encompassing tool that allows you to configure your electrical system from the ground up. Whether it is assigning commands to inputs, then assigning those commands to turn on outputs, configuring the climate control, or designing attractive graphics for your application... SystemDesigner does it all!

- Allows the OEM to configure the vehicle
- User friendly Windows® based software
- Self Reliant Programming in the hands of the OEM
- Archive all custom designs for future use



Configure your application with our SystemDesigner software.



Compile

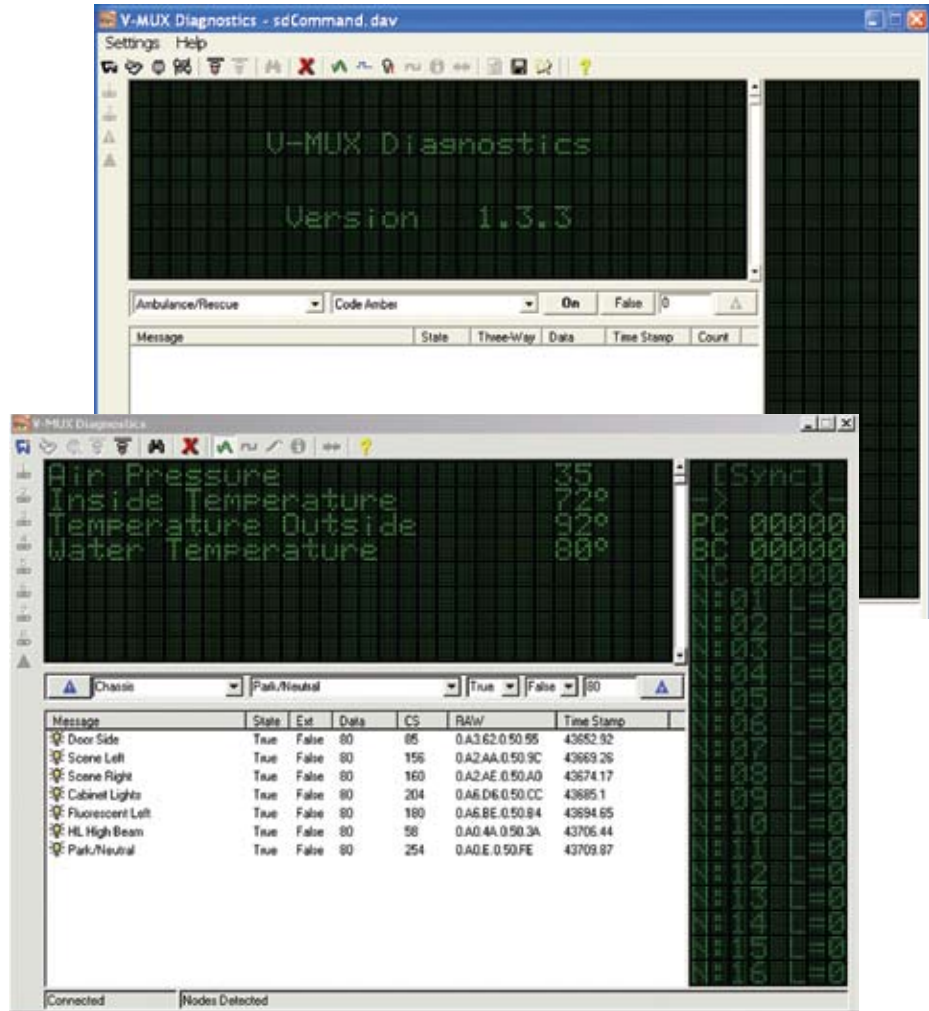


Then download the node

## V-MUX® Diagnostic Software

The V-MUX Diagnostics Software will aid you in troubleshooting your vehicle. The software will run on all Windows® based systems. We utilize USB technology to interface between your PC and V-MUX.

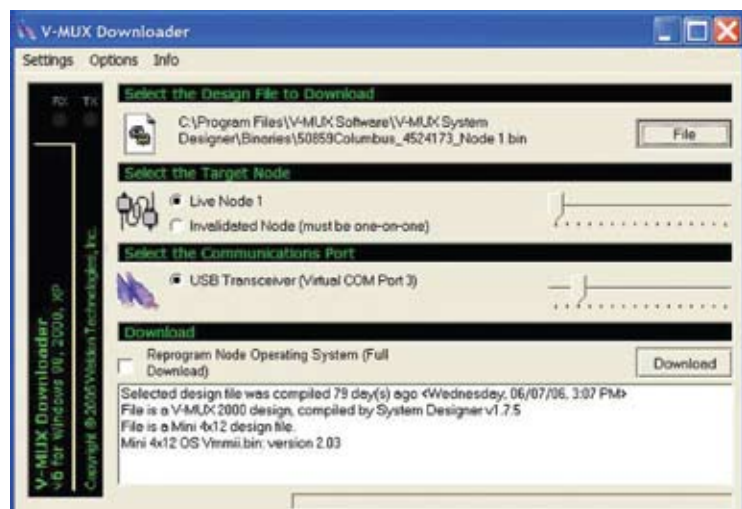
V-MUX software utilities, drivers, manuals, and guides are supported 24/7 at [www.weldoninc.com](http://www.weldoninc.com)



## V-MUX Downloader Software

V-MUX's Download Software provides a solution for the dealer or end user to re-flash or update the vehicle.

- Download changes or program a replacement node
- User friendly Windows® based software
- Software runs on any Windows® system





## Vista III & Vista III Touch Screen

This full color display offers many features and has a wide operating temperature range. Control all of your lighting and HVAC. Features within our Vista III & Touch Screen include: Automatic Screen Switching in response to current conditions, Sleep Mode option to eliminate night glare, USB direct download capability for more convenient and faster downloads. Available in panel mount or 6" arm mount.

- Operates in 12V and 24V applications
- Virtual switches
- Display inside and outside temperature
- Automatic climate control
- 100% configurable (OEM level)
- Field re-programmable
- Peer to peer network
- On-board diagnostics
- On-board service information
- Colors change to indicate button status
- Video Ready for:
  - Backup camera
  - Thermal cameras
  - DVD
  - GPS

Order Nos.	Description
6231-0000-00	V-MUX Vista III Interface Module/Display
0N30-2392-00	V-MUX Vista III Touch Screen (Available June 2009)

### Technical Specifications:

Operating Voltage	9-32v (12 or 24V)
Operating Temperature	-40°C to +85°C
Electrical Protection	Load dump, jump start, reverse polarity, ESD, EMI/RFI
Application Space	6mb flash
Real-time Clock	Ten year retention
Matting Connector: Deutsch DT06-4S	1: Comm. Hi, 2: Comm. Lo, 3: Ground, 4: Power
Startup Time	< 3 seconds



Backup



Gauges



GPS



Vista III Touch Screen Shown with 6310 Series PODS

## V-MUX VFD Display

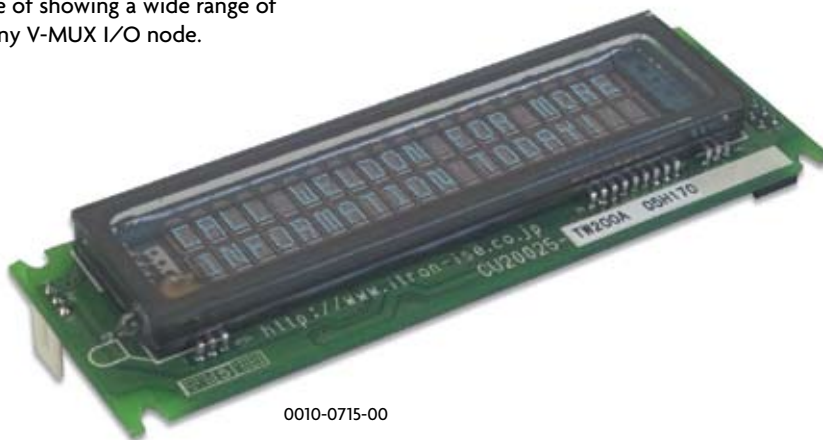
Two-line, twenty character text display is capable of showing a wide range of data from the V-MUX System. Directly runs off any V-MUX I/O node.

Examples of text:

- Display on command "Set Park Brake"
- Display diagnostics codes
- Display warnings - "ice" or "door ajar"
- Programmable messaging

Order Nos.	Description
OU10-0715-00	V-MUX VFD Display

Call for specification details



0010-0715-00

## 6310 Series, PODS (Programmable On Demand Switches)

PODS are self contained, fully multiplexed switch modules. Program the controller and plug in each individual 3-Key or 4-Key Smart Switch Module. Use the OL40-2020-00 cable assembly to daisy chain up to 16 modules. Create custom legends using the OQ20-1736-00 die cut nylon sheet on your laser printer.

Order Nos.	Description
6310-0000-12	V-MUX Programmable Switch Controller, 12V PODS
6310-0000-24	V-MUX Programmable Switch Controller, 24V PODS
6311-0300-00	3-Key Smart Switch Module
6311-0400-00	4-Key Smart Switch Module
OQ20-1736-00	Legend Sheet, 88 per sheet
OL40-2088-00	Controller Cable Assembly for PODS 10 feet
OL40-2020-00	Module to Module Cable Assembly 10 inches

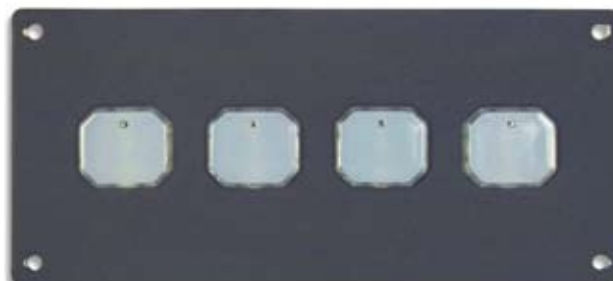


Two 3611-0400-00 connected with OL40-2020-00 cable assembly

## 6300 Series, Blue Touch Switch Panels

The Blue Touch Switch Panels can be used with a V-MUX system or with non multiplexed electrical systems. Create custom legends using the OQ20-1736-00 die cut nylon sheet on your laser printer.

Order Nos.	Description
6300-0400-00	V-MUX Panel, four position
6300-0800-00	V-MUX Panel, eight position
OQ20-1736-00	Legend Sheet, 88 per sheet



6300-0400-00

## 6000 Series, Input/Output Node

The "Hercules" node is capable of carrying up to 120 amps of load at high temperatures. For years, this module has been the work horse of thousands of V-MUX systems. Newly designed power studs with molded flanges prevent rotation when terminals are overtightened, and provide added protection against water intrusion. All of the Inputs and Outputs are configurable by the OEM.

- Operates in 12V and 24V applications
- Sealed enclosure
- Sealed deutsch connectors
- Corrosion proof
- High capacity
- A & B communication ports
- LED status indicators
- Field re-programmable
- 16 digital inputs
- 3 analog inputs
- 24 positive outputs
- 2 ground outputs
- control the (OU10-0715-00) VF display



6000-0000-04

Order Nos.	Description
6000-0000-04	V-MUX Hercules Node

## 6030 Series Input/Output Node

The 8x16 node has 6 Digital and 2 Analog inputs; each input is programmable. The node contains 16 outputs, 14 of which are high side 10.5 amp channels and two are low side 4 amps channels.

- Operates in 12V and 24V applications
- Sealed enclosure
- Sealed deutsch connectors
- A & B communications ports
- LED status indicators
- Field re-programmable
- 6 digital inputs (VBatt or Ground)
- 2 analog inputs (can also be used as VBatt switch)
- 14 positive outputs
- 2 ground outputs



6030-0000-00

Order Nos.	Description
6030-0000-00	V-MUX 8X16 Node

## 6010 Series, Input / Output Mini Node

The 6010 "mini" Node has four independently programmable switch inputs, one analog input and twelve 7.5 amp output channels.

- Sealed deutsch enclosure and connectors
- Corrosion proof
- Compact size
- A & B communication ports
- LED status indicators
- Field re-programmable
- 4 digital inputs
- 12 positive outputs
- Control the (OU10-0715-00) VF display



6010-0000-00

Order Nos.	Description
6010-0000-00	V-MUX Mini Node



### 6020 Series, Input Node

The Input Node has 16 independently programmable switch inputs. Each input can be used for door interlocks, dash switches and switch-type sensors. This Input Node can interface with the VFD Display (OU10-0615-00)

- Operates in 12V and 24V applications
- Sealed deutsch enclosure and connectors
- Corrosion proof
- Compact size
- A & B communication ports
- LED status indicators
- Field re-programmable
- 16 digital inputs
- Control the (OU10-0715-00) VF display



6020-0000-00

Order Nos.	Description
6020-0000-00	V-MUX Input Module, 16 input

### Occupant Restraint Indicator

The Occupant Restraint module will indicate where restraints of occupied seats are properly fastened.

- Low profile, compact size
- Supports commercial and custom cab seating layouts; up to 12 seats
- Dimming feature adjusts indicator intensity to synchronize with dash lights
- Built-in audible alarm
- Use in conjunction with Vehicle Data Recorder (VDR)



6204-0000-00

Order Nos.	Description
6204-0000-00	Occupant Restraint Indicator

### Vehicle Data Recorder (VDR)

The Vehicle Data Recorder collects essential data and can easily be interfaced with V-MUX Multiplex System. Reviewing the information is made easy with an intuitive computer application. The VDR is NFPA 1901-2009 compliant.

- Recorded Data Includes: Vehicle Speed, Acceleration, Deceleration, Engine Speed, Engine Throttle Position, ABS Event, Seat Occupied Status, Seat Belt Status, Master Optical Warning Switch, Park Brake, Service Brake, Time, Date and Engine Hours.
- Password protected by the customer
- Six (6) seat position inputs for occupied and belts buckled. Additional six (6) seat expansion module available (p/n 6020-0000-00)
- Easily interfaces with traditional wiring, V-MUX™ or other multiplexing systems
- Data is extracted via USB
- Use in conjunction with the Occupant Restraint Indicator or V-MUX™ Multiplex System



6444-0000-00

Order Nos.	Description
6444-0000-00	Vehicle Data Recorder (VDR)



## 6400 Series, Gateway Module

Don't cut into that multiplexed chassis! Use our gateway to interface with your multiplexed chassis. The Gateway captures data from engines, transmissions or other devices that are using the CAN protocol.

- Operates in 12V and 24V applications
- LED status indicators
- Interface with Proprietary Electrical Systems
- Read and report data from engines or other devices
- Compatible with J1939, RVCAN and other protocols
- Field re-programmable
- Peer-to-Peer Network
- Sealed Deutsch Enclosure and Connectors



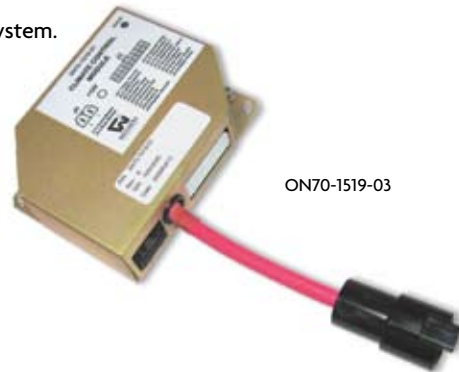
6400-0000-00

Order Nos.	Description
6400-0000-00	V-MUX Gateway Module

## ON70 Climate Control Module

Use this module with Vista III display node for fully automated climate control system.

- Dedicated node specifically for climate control
- Control two fans, AC Compressor, condenser, evaporator switches and other interlocks
- Use this module with a Vista III display node for a fully automated climate control system



ON70-1519-03

Order Nos.	Description
ON70-1519-03	Climate Controller Fahrenheit
ON70-1519-04	Climate Controller Celsius

## OR13 Series, Temperature Sensor

This sensor is used to report interior or exterior temperature. This data can be displayed, reported or used for A/C, heat, ice warning or other automatic functions.

Order Nos.	Description
OR13-0614-00	V-MUX Temperature Sensor



OR13-0614-00

## OR00 Hall Effect Current Sensor

Easily integrate battery charge/discharge readings into the V-MUX system with this stand alone unit. (The shunt interface module is not needed for this sensor.)

Order Nos.	Description
OR00-2306-00	V-MUX Hall Effect Current Sensor



OR00-2306-00

## Modem Transceiver

### 6120-0000-00

Allows for remote interface with a V-MUX System from anywhere in the World! Now, technicians can make changes to a V-MUX equipped vehicle from near or far with the Modem Transceiver. This module allows connection to a vehicle by using a computer equipped with a modem, and a phone line. The module resides in the vehicle, allowing the user to plug the module into the nearest phone line and dial into the diagnostics center from your computer modem.

- OEMs can modify or reprogram modules to meet changing needs of their customer
- Dealers can re-flash stock replacement modules at remote stations
- End Users do not need to travel long distances to diagnose electrical issues
- Everyone can troubleshoot using the modem and Weldon's diagnostics software; Diagnostics software is available for download at [www.weldoninc.com](http://www.weldoninc.com)



6120-0000-00

Order Nos.	Description
6120-0000-00	V-MUX Modem Transceiver

## 6111 & 6131 Series, Field Service Kit - Includes Remote Diagnostics

The V-MUX® Diagnostics kit will aid you in troubleshooting your vehicle, downloading changes or programming a replacement node. The software will run on Windows 2000, XP and Windows Vista. Software updates can be obtained on our website. For assistance with remote diagnostics, download the manual from the website at [www.v-mux.com](http://www.v-mux.com).

Kit Includes:

- Carrying case
- One-on-one cables for nodes
- Deutsch wire removal tool, 14-16 gauge wire (blue)
- Deutsch wire removal tool, 18-20 gauge wire (red)
- Cable, RS232 9 pin serial PC to transceiver
- Cable, RS485 transceiver to V-MUX
- Cable, troubleshoot Hercules outputs, (red)
- Cable, troubleshoot mini node outputs (black)
- Downloader manual, PDF
- Diagnostics manual, PDF



61-31-0000-00



6111-0000-00

Order Nos.	Description
6111-0000-00	V-MUX Transceiver, USB
6131-0000-00	V-MUX Kit, Diagnostics, USB/Downloader

## 6500 Series, Backup Camera Kits

The Vista III can be programmed to automatically switch to the camera image when in the back up mode. The camera can also be used to monitor interior and exterior activity. Rear view or flush mount side view available

Order Nos	Description	Housing Color
6500-0000-00	V-MUX Camera, color video out, rear view mount	White
6500-0000-01	V-MUX Camera, color video out, rear view mount	Black
6501-0000-00	V-MUX Camera, bk & wh video out, left mount	White
6502-0000-00	V-MUX Camera, bk & wh video out right mount	White
6503-0000-00	V-MUX Camera, bk & wh video out, left mount	Chrome
6504-0000-00	V-MUX Camera, bk & wh video out right mount	Chrome
6505-0000-00	V-MUX Camera, bk & wh video out, left mount	Primer
6506-0000-00	V-MUX Camera, bk & wh video out right mount	Primer
0L40-2032-00	25 ft shielded cable	



6500-0000-00

## GPS Navigation Unit

### GPS Navigation Unit

- WAAS enabled – allowing position accuracy of better than 3 meters 95% of the time
- Easy installation – hideaway under seat or dash with included mounting hardware
- Announces streets by name to help keep your eyes on the road
- External antenna, wire harness, RF remote control included
- Preloaded maps – City Navigator® North American NT
- SD card slot available to load custom points of interest, additional map data, and future software updates
- Unit dimensions: 1.06”H x 4.75”W x 4.63”L
- Weight: 6 ounces
- Operating Voltage: 9.5V to 25 V; 0.12 Amp draw (max 1.0) at 13V



6550-0000-00

Order Nos.	Description
6550-0000-00	GPS Navigation Unit
6550-0001-00	GPS Navigation Unit with Vista III Touch Screen Interface



# Warning Lighting

## Diamondback™ LED Perimeter Warning Lights

With incredible brightness, unmatched directional visibility, customized flash and styling flexibility, and unique serviceability; the new, patent-pending, Diamondback LED Perimeter Warning Light is loaded with powerful innovations that deliver unprecedented performance!



### Exclusive Features:

- Utilizes patented V-LED technology that provides industry leading brightness, thermal performance, and reliability
- Unique V-LED design allows field upgrade of LEDs
- Pure-Pattern™ optical elements provide optimal light output
- Exceeds industry requirements (NFPA, SAE, KKK-A-1822)
- Independently controlled LED segments allow for unmatched flash pattern options (left/right, up/down, x-pattern, chasing, and many more)
- Unmatched styling flexibility through the used of colored and colorless optical elements
- Flush mount design utilizes only four screw holes and a wire exit hole in vehicle. Mounting pattern is common with most popular style lamps.
- Injection molded mounting pad is integrated with lamp head
- High impact polycarbonate lens with scratch and haze resistant hard-coating provides a lifetime of durability and clarity
- Four-wire lamp hook-up (power, ground, sync, and secondary enable wires)
- Chrome trim bezel option with injection molded gasket
- 12 and 24V operation
- Protected against reverse polarity, ESD, and transient voltage spikes (J1113-11)
- Fully tested for RF interference and susceptibility



### Lamp Configuration:

- Available in 2"x6", 3"x4", 3"x7", 4"x6", & 7"x9"
- Tailor your own unique look with fully customized flash patterns
- Lamp is completely reconfigurable via wireless download without removing lens or lamp from vehicle
- Wireless application software runs on any Windows CE device with an IrDA communications port (PPC 2003 or later and .NET Compact Framework 2.0 required)
- Primary and secondary patterns, A/B flash phase, secondary activation polarity, and security mode can be transmitted to lamp in under a second



Wireless lamp configuration capability

*DiamondBack™ surface mount scene lights now available see page 95.*

## IR PROGRAMMER

### 0N60-2508-00

The IR Programmer for use with their DiamondBack warning lights. The IR Programmer allows for a quick and wireless way to re-configure all DiamondBack flash patterns on your vehicles.

Order Nos.	Description
0N60-2508-00	Diamondback Wireless Programming Device



IR Programmer for DiamondBack™ Lights  
0N60-2508-00



## Diamondback Sizes



7" x 9"



4" x 6"



3" x 4"



3" x 7"



2" x 6"

### V26 Series 2" X 6"

Order Nos.	Description	Amp Draw 12V	Amp Draw 24V
V26W-R*	2X6 D Back red leds w/ red lens	0.31	0.165
V26W-C00R*	2X6 D Back red leds w/ clear lens, clr optics	0.31	0.165
V26W-C10R*	2X6 D Back red leds w/ clear lens, red optics	0.31	0.165
OB80-2495-00	Chrome Bezel Kit for 2"X6" Diamondback		
OC20-2048-XX	V26 replacement cover lens		

V26W available in vertical split (left/right) only

### V34 Series 3" X 4"

Order Nos.	Description	Amp Draw 12V	Amp Draw 24V
V34W-R *	Red leds w/ red lens	0.31	0.165
V34W-C00R *	Red leds w/ clear lens, clear optics	0.31	0.165
V34W-C10R*	Red leds w/ clear lens, red optics	0.31	0.165
OB80-2334-00	Chrome Bezel Kit for 3X4 Diamondback		
OC20-2191-XX**	V34 replacement cover lens		

V34W available in horizontal split (top/bottom) only

### V37 Series 3" X 7"

Order Nos.	Description	Amp Draw 12v	Amp Draw 24v
V37W-R *	Red leds w/ red lens	0.62	0.33
V37W-C00R *	Red leds w/ clear lens, clear optics	0.62	0.33
V37W-C10R*	Red leds w/ clear lens, red optics	0.62	0.33
OB80-2335-00	Chrome Bezel Kit for 3X7 Diamondback		
OC20-2170-XX**	V37 replacement cover lens		

\*Use same configurations for Amber (A), and Blue (B) LED's. Lamps with Green (G), and White (W) LED's available with Clear Lens and Clear Optics only. (Amp draw varies slightly with color LED's used)

See the Diamondback configuration guide on our website [www.weldoninc.com](http://www.weldoninc.com) for split color combination options.

\*\*XX DENOTES COLOR -10 RED, -20 AMBER, -30 CLEAR, -40 BLUE

### V46 Series 4" X 6"

Order Nos.	Description	Amp Draw 12V	Amp Draw 24V
V46W-R *	Red leds w/ red lens	0.62	0.33
V46W-C00R *	Red leds w/ clear lens, clear optics	0.62	0.33
V46W-C10R*	Red leds w/ clear lens, red optics	0.62	0.33
OB80-2336-00	Chrome Bezel Kit for 4X6 Diamondback		
OC20-2177-XX**	V46 replacement cover lens		

### V79 Series 7" X 9"

Order Nos.	Description	Amp Draw 12V	Amp Draw 24V
V79W-R *	Red leds w/ red lens	1.24	0.67
V79W-C00R *	Red leds w/ clear lens, clear optics	1.24	0.67
V79W-C10R*	Red leds w/ clear lens, red optics	1.24	0.67
OB80-2337-00	Chrome Bezel Kit for 7X9 Diamondback		
OC20-2184-XX**	V79 replacement cover lens		



## 3800 Series Warning Lamps

These 3" x 7" lamps feature superior light output. The lens and reflector are sealed eliminating the problems of dust and moisture infiltration. All versions are available as a panel mount, or with a chrome trim flange. The LED versions contain a triple seal mating connector. The halogen versions use an automotive-style twist and lock socket that allows for easy, off-the-shelf bulb service.

### LED

- Low amp draw
- Superior light output
- Sealed lens and housing
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Sealed, integrated connector
- Operates in 12V and 24V applications

Order Nos.	Desc.	Amp Draw 12 V	Amp Draw 24 V
3871-1000-xx	3" X 7" LED, panel mount	0.8	0.42
3872-1000-xx	3" X 7" LED, bezel mount	0.8	0.42

### HALOGEN

- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Twist and lock socket out the back for easy bulb replacement
- Split lens color options available
- 12V operation

Order Nos.	Desc.	Amp Draw 12 V
3811-0000-xx	3" X 7" halogen, panel mount, #795X bulb	4.2
3812-0000-xx	3" X 7" HALOGEN, BEZEL MOUNT, #795X bulb	4.2

### STROBE

- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Split lens color options available
- Operates in 12V and 24V applications\*

Order Nos.	Desc.
3821-0000-xx	3" X 7" strobe, panel mount
3822-0000-xx	3" X 7" strobe, bezel mount

\* Amp draw varies based on power supply used.

Order Nos.	Service Parts
0B53-1016-00	3X7 chrome bezel
0E22-0327-00	Repl. bulb: #795X, hal.
0C90-1028-xx	Repl. lens/refl assy
0D30-1026-00	Repl. mounting pad, bezel
0D30-1027-00	Repl. mounting pad, panel
0K90-0336-00	Repl. socket, single contact
0M10-1328-xx	Repl. strobe head assy

Note: xx Denote (-10) red lens, (-20) amber lens, (-30) clear lens and (-40) blue lens, SPLIT: (-13) LH red/clear, (-31) RH clear/red ; (-14) LH red/blue, (-41) RH blue/red; (-21) LH amber/red, (-12) RH red/amber; (-24) LH amber/blue, (-42) blue/amber; (-43) LH blue/clear, (-34) clear/blue. Split lens not available in LED.



8871-1000-10



3872-1000-20



3811-0000-10



3811-0000-12



3888-0000-40

See Page 93 For Strobe Power System



## 4600 Series Warning Lamps

These 4" x 6" lamps feature superior light output. The lens and reflector are sealed eliminating the problems of dust and moisture infiltration. All versions are available as a panel mount, with a chrome trim flange, or headlamp mount. The LED versions contain a triple seal mating connector. The halogen versions use an automotive-style twist and lock socket that allows for easy, off-the-shelf bulb service.

### LED

- Low amp draw
- Superior light output
- Sealed lens and housing
- No moisture or dirt issues
- Available in panel, chrome flange, or headlamp mount
- Sealed, integrated connector
- Operates in 12V and 24V applications

Order Nos.	Desc.	AMP DRAW 12 V	AMP DRAW 24V
4671-1000-xx	4" X 6" LED, panel mount	0.9	0.35
4672-1000-xx	4" X 6" LED, bezel mount	0.9	0.35
4673-1000-xx	4" X 6" LED, headlamp mount	0.9	0.35

### HALOGEN

- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel, chrome flange, or headlamp mount
- Twist and lock socket out the back for easy bulb replacement
- 12V operation

Order Nos.	Desc.	AMP DRAW 12V
4611-0000-xx	4" X 6" halogen, panel mount, 795X bulb	4.2
4612-0000-xx	4" X 6" halogen, bezel mount, 795X bulb	4.2
4613-0000-xx	4" X 6" halogen, headlamp mount, 795X bulb	4.2

### STROBE

- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel, chrome flange, or headlamp mount
- Operates in 12V and 24V applications\*

Order Nos.	Desc.
4621-0000-xx	4" X 6" strobe, panel mount
4622-0000-xx	4" X 6" strobe, bezel mount
4623-0000-xx	4" X 6" strobe, headlamp mount

\*Amp draw varies based on power supply used.

Order Nos.	Service Parts
0B53-0333-00	4" X 6" chrome bezel
0E22-0327-00	Repl. bulb: #795X, halogen, sc bayonet base, 108 CP @ 12.8 V, 50W
0C90-0350-xx	Repl. lens assy, sf, halogen
0D30-0377-00	Repl. mounting pad, bezel
0D30-0385-00	Repl. mounting pad, panel
0K90-0336-00	Repl. socket, single contact
0M10-1330-xx	Repl. strobe head assy

NOTE: xx Denote (-10) red lens, (-20) amber lens, (-30) clear lens and (-40) blue lens



4671-1000-10



4672-1000-20



4612-0000-40



4621-0000-10

## 7800 Series Warning Lamps

These 7" x 9" lamps feature superior light output. The lens and reflector are sealed eliminating the problems of dust and moisture infiltration. All versions are available as a panel mount, or with a chrome trim flange. The LED versions contain a triple seal mating connector. The halogen versions use an automotive-style twist and lock socket that allows for easy, off-the-shelf bulb service.

### LED

- Low amp draw
- Unsurpassed light output
- Sealed lens and housing
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Sealed, integrated connector
- Operates in 12V and 24V applications

Order Nos.	Desc.	AMP DRAW 12 V	AMP DRAW 24V
7871-1000-xx	7" X 9" LED, panel mount	2.3	1.18
7872-1000-xx	7" X 9" LED, bezel mount	2.3	1.18

### HALOGEN

- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Twist and lock socket out the back for easy bulb replacement
- 12V operation

Order Nos.	Desc.	Amp Draw 12V
7811-0000-xx	7" X 9" halogen, panel mount, 795X bulb	4.2
7812-0000-xx	7" X 9" halogen, bezel mount, 795X bulb	4.2

### STROBE

- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Operates in 12V and 24V applications

Order Nos.	Desc.
7821-0000-xx	7" X 9" strobe, panel mount
7822-0000-xx	7" X 9" strobe, bezel mount

Amp draw varies based on power supply used.

Order Nos.	Service Parts
0B53-1125-00	7"X9" replacement chrome plated bezel, 7800 series
0E22-0327-00	Repl. bulb: #795X, halogen, sc bayonet base, 108 CP @ 12.8 V, 50W
0C90-1138-xx	Repl. lens/refl assy, halogen
0D30-1136-00	Repl. mounting pad, bezel
0D30-1137-00	Repl. mounting pad, panel
0K90-0336-00	Repl. socket, single contact
0M10-1428-xx	Repl. strobe head assy

Note: xx Denote (-10) red lens, (-20) amber lens, (-30) clear lens and (-40) blue lens



7871-1000-10



7812-0000-20

See page 93 for Strobe Power Systems

## 1020-9000 Series LED Warning Light



Weldon introduces a new revolutionary LED Warning Light which combines advanced electronics plus a conventional idea of just replacing a broken lens. Designed with serviceability in mind, the new warning light can be disassembled to change the lens or upgrade LED's, eliminating the need to replace the entire light. The 1020-9000 Series light provides industry leading thermal management, low current draw and lower long-term cost than ordinary lights. No other 7" LED Warning Light offers "service made easy" with upgradeable LED technology!

- Exclusive patented V-LED technology, for superior thermal efficiency and excellent brightness
- Utilizes only 8 high-power LED's for optimal output intensity, fully illuminating the entire lens
- Low amp draw
- Fully serviceable
- Standard lead wires allow flexibility to add the connector of choice
- Exceeds SAE J887 requirements
- DOT (FMVSS108) compliant
- Strobming and standard flash in one lamp
- Instant on for improved visibility and safety
- No switch mode regulation
- No radio interference
- Advanced lens design for maximum optical performance
- 5 year warranty

Order Nos.	Description	Amp Draw 12V
1020-9000-10	7" LED serviceable red warning	1.0
1020-9000-20	7" LED serviceable amber warning	1.5

Order Nos.	Service Parts
0C20-2312-XX	Cover lens for 1020-9000
0C10-2313-00	Inner lens for 1020-9000
0D10-2316-00	Lens gasket
0D10-1977-00	Mounting gasket
0E30-2262-12	12 pack v-led kit, red
0E30-2262-23	12 pack v-led kit, amber



1020-9000-20



1020-9000-10

# Light Bars & Roof Top Lighting

## Diamondback™ Light Bar

This lightbar utilizes our popular V37 Diamondback LED lighthoods to provide an unsurpassed warning signal for the vehicle. Available in body mount and roof mount configurations. Halogen scene/loading lights, strobe heads and DOT lighting can be incorporated into the lightbar using our 3800 Series lighthoods. The lightbar body is extruded aluminum with clear anodizing to provide excellent durability and corrosion protection.

- LED - low amp draw
- Integrated flasher
- Body or Roof Mount
- Split Bar Configurations for Aerials
- Straight, angle or wrap-around styles available



Order Nos.	Description
V3702-5935-00	8 Diamondback Light Bar, R/R/SC/A/A/SC/R/R
V3702-6738-00	9 Diamondback Light Bar, R/R/R/R/W/R/R/R/R
V3702-7434-00	10 Diamondback Light Bar, R/R/R/R/W/W/R/R/R/R
V3713-8536-00	16 Diamondback Wrap-Around Light Bar, Red/Wh

## 3900 Series Light Bars

- LED - low amp draw
- Integrated flasher
- Body or Roof Mount
- Split Bar Configurations for Aerials
- Straight, angle or wrap-around styles available



Order Nos.	Description
3901-1604-00	LED, 2 lamp, roadside, red
3901-1605-00	LED, 2 lamp, curbside, red
3901-5903-00	Light bar, 8 lamp
3902-7408-00	All LED, 10-lamp, all red
3902-7411-00	LED/halogen, 10-lamp, ems front, R/R/R/R/Ch/Ch/R/R/R/R
3902-8813-00	LED/scene, 12-lamp, ems rear, R/R/R/R/Sc/A/A/Sc/R/R/R/R
3902-8816-00	LED/halogen, 12-lamp, ems front, R/R/R/R/R/Ch/Ch/R/R/R/R/R
3910-7202-00	All LED, 14 lamp, red wrap around
3913-7218-00	All LED, 12-lamp wrap-around design, all red
3913-8501-00	All LED, 16-lamp wrap-around design, all red

Note: R=Red, C=Clear, A=Amber, Ch=Clear Halogen, Sc=Scene

## 360° Roof Top Strobes

Our strobe lamp series is available in four styles: die cast or polycarbonate bases, low or high-lens configurations. The low-profile strobes are only 4.8" high and the high-profile strobes measures 6.7" in height

- Engineered for 12 and 24V applications
- Choice of polycarbonate or die cast base
- Easy three-screw mounting
- Computer-designed Fresnel optics
- Polycarbonate lens

Order Nos.	Desc.	Amp Draw 12V	SAE J1318
7150-6550-xx	Strobe, 7/10j, low-profile, poly base	1.3	Class 2
7150-6570-xx	Strobe, 7/10j, Hi-Profile, Poly Base	1.3	Class 2
7150-6640-xx	Strobe, 8/12j, low-profile, die cast base	1.3	Class 2
7150-6660-xx	Strobe, 8/12j, hi-profile, die cast base	1.3	Class 2
7150-6840-xx	Strobe, 12/16j, low-profile, die cast base	2.0/4.0	Class 1
7150-6860-xx	Strobe, 12/16j, hi-profile, die cast base	2.0/4.0	Class 1

NOTE: xx Denote (-10) red lens, (-20) amber lens, (-30) clear lens



7150-6640-10



7150-6860-20



# Stop, Turn & Tail Lighting

## 7" Stop, Turn & Tail Lamps

This 7" diameter series is now available in two LED versions!

### Led, 1010-8100 Series

- Top-of-the line LED!
- Low amp draw
- Superb light output

Order Nos.	Desc.	Amp Draw 12V
1010-8100-xx	7" LED, stop & tail, no plug	0.38/0.049
1010-8110-xx	7" LED, stop & tail w/ 3-wire plug assy	0.38/0.049
1010-8111-xx	7" LED, stop & tail w/ weatherpak assy	0.38/0.049
1010-9110-20	7" LED lamp, turn w/ 2-wire plug assy, amber	0.38/0.049
1010-8110-1K	LED, 7" stop & tail kit, 2 lamps red	
1010-8110-2K	LED, 7" park & turn kit, 2 lamps amber	
1010-8110-CK	LED, 7" combo kit, 2 stop tail/2 park & turn lamps	
0K90-1549-10	Plug assy, 2 wire to metripack conn, 1010-8100 LED	
0K90-1549-20	Plug assy, 3 wire to metripack conn, 1010-8100 LED	

NOTE: xx Denote (-10) red lens, (-20) amber lens



1010-8100-10



1010-8100-20

### Led, 9186-5585 Series

- Economically priced
- Low amp draw
- Backup available page 86

Order Nos.	Desc.	Amp Draw 12V
9186-5585-10	7" econ. LED, stop & tail, reflex, red	.54/.03
9186-5585-20	7" econ. LED, park & turn, reflex, amber	.54/.03
9186-5586-10	7" econ. LED, stop & tail, red	.54/.03
9186-5586-20	7" econ. LED, Park & Turn, Amber	.54/.03



9186-5585-10



9186-5585-20

### Incandescent, 1000-1010 Series

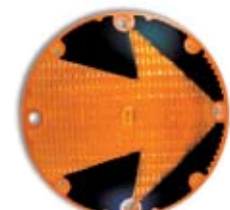
- Your choice of chrome flange or black base
- Available in flat back or socket back

Order Nos.	Desc.	Amp Draw 12V
1000-1100-xx	7" turn w/arrow, socket back, black base, sgl cont #1156 bulb	2.1
1000-1106-xx	7" turn w/arrow, ground wire, socket back, black base, sgl cont #1156 bulb	2.1
1000-6300-xx	7" turn w/arrow, flat back, chrome flange, sgl cont #1156 bulb	2.1
1000-7100-xx	7" turn w/arrow, flat back, black base, #1156 bulb	2.1
1010-0300-xx	7" stop or turn, socket back, chrome flange, #1156 bulb	2.1
1010-0320-xx	7" stop & tail/ park & turn, dual cont #1157 bulb, chrome flange	2.1
1010-1100-xx	7" stop or turn, socket back, black base, #1156 bulb	2.1
1010-1120-xx	7" stop & tail/ park & turn, socket back, black base, dual cont #1157 bulb	2.1/.59
1010-1126-xx	7" stop & tail, black base, socket back, ground wire, dual cont #1157 bulb	2.1/.59
1010-6300-xx	7" stop/turn, flat back, chrome flange, sgl cont #1156 bulb	2.1
1010-6320-xx	7" stop & tail, park & turn, chrome flange, flat back, dual cont #1157 bulb	2.1
1010-7100-xx	7" stop or turn, flat back, black base, sgl cont #1156 bulb	2.1
1010-7120-xx	7" stop & tail/ park & turn, flat back, black base, dual cont #1157 bulb	2.1/.59
1002-0000-xx	Repl. lens, acrylic, arrow 7" round	
1003-0000-xx	Repl. lens, acrylic	
1014-0000-00	Repl. gasket, lens	
1015-0000-00	Repl. mounting pad for black base	
1016-0000-00	Repl. mounting pad for chrome flange	
9018-0013-00	Repl. bulb: #1156 bulb, 32CP	
9018-0020-00	Repl. bulb: #1157 bulb, 32/3CP	

NOTE: xx Denote (-10) red Lens (-20) Amber Lens



1010-1120-10



1000-1100-20

## 9186 Series, 4"

This lamp series is available in LED or incandescent. The kit contains the lamp, mounting grommet and plug.

- Electrical "sure seal" connector for a weatherproof seal
- Low amp draw for the LED
- Sealed lamps keep out moisture and dirt



9186-5300-10



9186-5525-10



9186-5525-20

Order Nos.	Desc.	Amp Draw 12v
9186-5300-10	4" stop & tail lamp kit, 3-wire, grommet mt, red	2.9/0.6
9186-5525-10	4" led stop & tail lamp kit, 3-wire, grommet mt, red	0.4/0.2
9186-5525-20	4" led turn & park lamp kit, 3-wire, grommet mt, amber	0.4/0.2

## 5800 Series Stop, Turn & Tail Lighting

The 5800 Series lamps provide the same lens illumination area as a 7" round in an updated rectangular style. The all plastic construction is fully sealed to prevent dirt and moisture infiltration, at an economical price. The integral connector provides a quick and weatherproof connection.

- Fully sealed, all plastic construction – slim profile
- Polycarbonate lens
- Die-cut closed cell foam rubber mounting gasket
- 5801 – Designed to fit in 4" grommet mount cut out
- 5801 – 32 cp, 0.59/ 2.1 Amp draw
- 5802 – Requires 1.5" cut out
- 5802 – 21 LED's - .38/.08 Amp draw
- 5801-0100-10 & 5802-0100-10 vertical or horizontal mount
- Measures 8.5"x5.25"

Order Nos.	Desc.	Amp Draw 12V
5801-0100-10	Stop/turn and tail	2.1/0.59
5801-0100-11	Red arrow turn	2.1/0.59
5801-0100-20	Park and turn, amber	2.1/0.59
5801-0100-21	Amber arrow turn	2.1/0.59
5802-0100-10	LED stop/turn and tail	.38/08
5802-0100-20	LED park and turn, amber	.38/08
5802-0100-21	LED arrow part and turn amber	
0K90-1969-10	Plug, 2 wire assembly	
0K90-1969-20	Plug, 3 wire assembly	



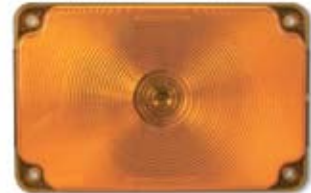
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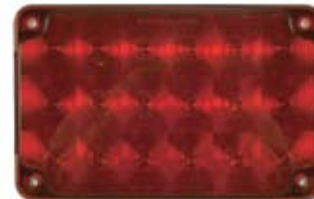
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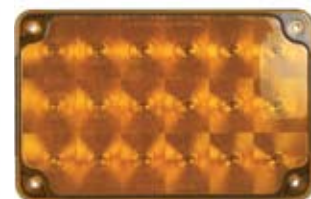
5801-0100-10



5801-0100-20



5802-0100-10



5802-0100-20

## 3800 Series, 3" X 7"

### LED

- Low amp draw
- Unsurpassed light output
- Sealed lens and housing
- Available in panel or chrome flange mount
- Integrated 3-pin, triple seal connector
- Operates in 12 and 24V applications

Order Nos.	Desc.	Amp Draw 12V	Amp Draw 24V
3871-2000-10	3"x7" LED, stop & tail, panel mount, red	.65/.11	.31/.04
3871-6000-21	3"x7" LED, seq turn w/arrow lh, panel mount, amber	0.89	0.4
3871-6000-22	3"x7" LED, seq turn w/arrow rh, panel mount, amber	0.89	0.4
3872-2000-10	3"x7" LED, stop & tail, bezel mount, red	.65/.11	.31/.04
3872-6000-21	3"x7" LED, seq turn w/arrow lh, bezel mount, amber	0.89	0.4
3872-6000-22	3"x7" LED, 3x7 seq turn w/arrow rh, bezel/amber	0.89	0.4



2871-2000-10



3872-0100-20

### INCANDESCENT

- Available in panel mount, or with a chrome trim flange
- Single or dual contact
- Twist lock socket for easy bulb service
- 12V only

Order Nos.	Desc.	Amp Draw 12V
3841-0000-10	3"x7" stop or tail, #1156 bulb, panel mount, red	2.1
3841-0000-20	3"x7" turn #3497 bulb, panel mount, amber	2.1
3841-0000-21	3"x7" turn w/arrow lh, #3497 bulb, panel mount, amber	2.1
3841-0000-22	3"x7" turn w/arrow rh, #3497 bulb, panel mount, amber	2.1
3842-0000-10	3"x7 stop or tail, #3497 bulb, bezel mount, red	2.1
3842-0000-20	3"x7" turn, #1156 bulb bezel mount, amber	2.1
3842-0000-21	3"x7" turn w/arrow lh, bezel mount, #3497 bulb, amber	2.1
3842-0000-22	3"x7" turn w/arrow rh, bezel mount, #3497 bulb, amber	2.1
3851-0000-10	3"x7" stop & tail, #2357 bulb, panel mount, red	2.1/.9
3851-0000-20	3"x7" park & turn, panel mount, #2357 bulb, amber	2.1/.9
3852-0000-10	3"x7" stop, turn & tail, bezel mount, #2357 bulb, red	2.1/.9



3841-0000-10



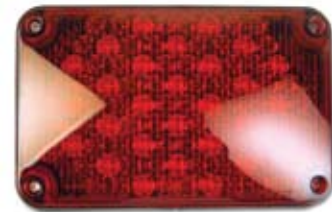
3841-0000-20

## 4600 Series, 4" X 6"

### LED

- Low amp draw
- Unsurpassed light output
- Sealed lens and housing
- Available in panel, chrome flange, or headlamp mount
- Integrated 3-pin, triple seal connector
- Operates in 12V and 24V applications

Order Nos.	Desc.	Amp Draw 12V	Amp Draw 24V
4671-2000-10	4"X6" LED, stop & tail, panel mount, red	.69/.12	.31/.04
4671-6000-21	4"X6" LED turn w/seq arrow lh, panel mount, amber	0.81	0.68
4671-6000-22	4"X6" LED Turn W/Seq Arrow Rh, Panel Mount, Amber	0.81	0.68
4672-2000-10	4"X6" LED, stop & tail, bezel mt, red	.69/.12	.31/.04
4672-6000-21	4"X6" LED turn w/seq arrow lh, bezel mount, amber	0.81	0.68
4672-6000-22	4"X6" LED turn w/seq arrow rh, bezel mount, amber	0.81	0.68
4673-6000-21	4"X6" LED turn w/seq arrow lh, panel mount, amber	0.81	.31/.04
4673-6000-22	4"X6" LED turn w/seq arrow rh, panel mount, amber	0.81	0.68



1010-8100-20



1010-8100-20

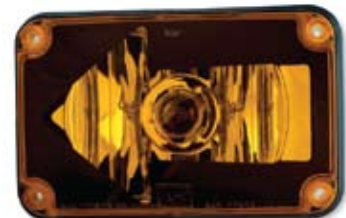
### INCANDESCENT

- Available in panel mount, or with a chrome trim flange
- Single or dual contact
- Twist lock socket for easy bulb service
- 12V operation

Order Nos.	Desc.	Amp Draw 12V
4641-0000-10	4"x6" stop or tail, panel mount, red	2.1
4641-0000-20	4"x6" turn, #1156 bulb, panel mount, amber	2.1
4641-0000-21	4"x6" turn w/arrow lh, #1156 bulb, panel mount, amber	2.1
4641-0000-22	4"x6" turn w/arrow rh, #1156 bulb, panel mount, amber	2.1
4642-0000-10	4"x6" stop or tail, #1156 bulb, bezel mount, red	2.1
4642-0000-20	4"x6", turn, #1156 bulb, bezel mount, amber	2.1
4642-0000-21	4"x6" turn, w/arrow lh, #1156 bulb, bezel mount, amber	2.1
4642-0000-22	4"x6" turn, w/arrow rh, #1156 bulb, bezel mount, amber	2.1
4643-0000-20	4"x6" turn, headlamp mount, #1156 bulb, amber	2.1
4643-0000-21	4"x6" turn w/arrow lh, headlamp mount, #1156 bulb, amber	2.1
4643-0000-22	4"x6" turn w/arrow rh, headlamp mount, #1156 bulb, amber	2.1
4651-0000-10	4"x6" stop & tail, panel mount, #1157 bulb, red	2.1/.9
4651-0000-20	4"x6" park & turn, panel mount, #1157 bulb, amber	2.1/.9
4652-0000-10	4"x6" stop & tail, bezel mount, #1157 bulb, red	2.1/.9
4652-0000-20	4"x6" park & turn, bezel mount, #1157 bulb, amber	2.1/.9
4653-0000-20	4"x6" park & turn, headlamp mount, #1157 bulb, amber	2.1/.9



1010-8100-20



1010-8100-20

Replacement Parts Page 83

## Outrigger Lamp

### 9186-2366-10, LED Dual-Face Red/Red

This dual faced outrigger lamp addresses illumination for aerial applications. Tough polycarbonate lenses are sealed to keep electronics free from moisture and dirt.

- Polycarbonate lenses
- Fully encapsulated electronics
- Chrome plated, die-cast zinc housing
- Pedestal mount
- Measures 4.17" diameter x 4.6" tall x 1.69" wide

Order Nos.	Desc.	Amp Draw 12V
9186-2366-10	LED Dual-Face Red/Red	0.7



1010-8100-20



## 7800 Series, 7" X 9"

### INCANDESCENT

- Available in panel mount, or with a chrome trim flange
- Single or dual contact
- Twist lock socket for easy bulb service

Order Nos.	Desc.	Amp Draw 12V
7841-0000-10	7"x9" stop or tail, #1156 bulb, panel mount, red	2.1
7841-0000-20	7"x9" turn, #1156 bulb, panel mount, amber	2.1
7841-0000-21	7"x9" turn w/arrow lh, #1156 bulb, panel mount, amber	2.1
7841-0000-22	7"x9" turn w/arrow rh, #1156 bulb, panel mount, amber	2.1
7842-0000-10	7"x9" stop or tail, #1156 bulb, bezel mount, red	2.1
7842-0000-20	7"x9" turn, #1156 bulb, bezel mount, amber	2.1
7842-0000-21	7"x9" turn w/arrow lh, #1156 bulb, bezel mount, amber	2.1
7842-0000-22	7"x9" turn w/arrow rh, #1156 bulb, bezel mount, amber	2.1
7851-0000-10	7"x9" stop & tail, #1157 bulb, panel mount, red	2.1/.59
7851-0000-20	7"x9" park & turn, #1157 bulb, panel mount, amber	2.1/.59
7852-0000-10	7"x9" stop & tail, #1157 bulb, bezel mount, red	2.1/.59
7852-0000-20	7"x9" park & turn, #1157 bulb, bezel mount, amber	2.1/.59



7841-0000-10

## Service Parts For 3800, 4600, 7800 S-T-T

Order Nos.	SERVICE PARTS FOR 3800, 4600, 7800 S-T-T
OC90-1028-xx	Repl. lens/refl assy, hal-sf, 3800 series
OC90-1029-xx	Repl. lens/refl assy, hal-df, 3800 series
OC90-1030-xx	Repl. lens/refl assy, arrow, hal, 3800 series
OD30-1026-00	Repl. Mounting Pad, 3800 Series, Bezel
OD30-1027-00	Repl. mounting pad, 3800 series, panel
OC90-0350-xx	Repl. lens assy, hal-sf, 4600 series
OC90-0351-xx	Repl. lens assy, hal-df, 4600 series
OC90-0352-xx	Repl. lens assy, arrow, hal, 4600 series
OD30-0377-00	Repl. mounting pad, 4600 series, bezel
OD30-0385-00	Repl. mounting pad, 4600 series, panel
OC90-1138-xx	Repl. lens/refl assy, hal-sf, 7800 series
OC90-1139-xx	Repl. lens/refl assy hal-df, 7800 series
OD30-1136-00	Repl. mounting pad, 7800 series, bezel
OD30-1137-00	Repl. Mounting Pad, 7800 Series, Panel
OK90-0336-00	repl. socket, single contact
OK90-0337-00	Repl. socket, dual contact
9018-0013-00	Repl. bulb: #1156 bulb, 32cp
9018-0020-00	Repl. bulb: #1157 bulb, 32/3CP
9018-0022-00	Repl bulb: #3497 for 3800
9018-0021-00	Repl bulb: #2357 for 3800

NOTE: xxDenote (-10) red, (-20) amber, (-21) left, (-22) right

## Tri & Quad Tail Lamp Assemblies – OUT OF THE BOX AND ON THE TRUCK!

Save installation time and labor with our total surface mount tail lamp assemblies, they are literally ready to mount straight out of the box, no sub assembly necessary!

### 3884 SERIES, features three 3" x 7" lamps, overall dimension is 8.95" x 10.91"

- Easy installation
- Sealed lamps, no moisture or dirt issues
- LED or incandescent option

Order Nos.	Desc.
3884-0000-00	Tri: 3"x7" lamps, stop & tail, turn, backup
3884-0000-01	Tri: 3"x7" lamps, stop & tail, turn w/arrow lh, backup
3884-0000-02	Tri: 3"x7" lamps, stop & tail, turn w/arrow rh, backup
3884-0000-18	Tri: 3"x7" led, stop & tail, seq turn lh, backup
3884-0000-19	Tri: 3"x7" led, stop & tail, seq turn rh, backup
3884-0000-28	Tri: 3"x7" lamps, led stop & tail, led seq turn lh, incdsnt backup
3884-0000-29	Tri: 3"x7" lamps, led stop & tail, led seq turn rh, incdsnt backup
3884-0100-01	Tri: 3"x7" lamps, stop & tail, amber turn w/arrow lh, backup, packard con
3884-0100-02	Tri: 3"x7" lamps, stop & tail, amber turn w/arrow rh, backup, packard con
3884-0100-18	Tri: 3"x7" lamps, led, stop & tail, amber seq turn lh, backup, packard con
3884-0100-19	Tri: 3"x7" lamps, led, stop & tail, amber seq turn rh, backup, packard con
3884-0100-28	Tri: 3"x7" lamps, led, stop & tail, amber seq turn lh, incdsnt backup, packard con
3884-0100-29	Tri: 3"x7" lamps, led, stop & tail, amber seq turn rh, incdsnt backup, packard con
3884-0200-01	Tri: 3"x7" lamps, stop & tail, amber w/arrow lh, backup, duetsch con
3884-0200-02	Tri: 3"x7" lamps, stop & tail, amber w/arrow rh, backup, duetsch con
3884-0200-18	Tri: 3"x7" lamps, led, stop & tail, amb seq turn lh, backup, duetsch con
3884-0200-19	Tri: 3"x7" lamps, led, stop & tail, amb seq turn rh, backup, duetsch con
3884-0200-28	Tri: 3"x7" lamps, led, stop & tail, amber seq turn lh, incdsnt backup, duetsch con
3884-0200-29	Tri: 3"x7" lamps, led, stop & tail, amber seq turn rh, incdsnt backup, duetsch con
3884-1000-01	Tri: 3"x7" lamps, amber turn w/arrow lh, stop & tail, backup
3884-1000-02	Tri: 3"x7" lamps, amber turn w/arrow rh, stop & tail, backup
3884-2000-00	Tri: 3"x7" lamps, stop & tail, red turn, backup
3884-8011-00	Tri: 3"x7" lamps, stop, turn & tail, backup & red halogen
3884-8012-00	Tri: 3"x7" lamps, stop, turn & tail, backup & amber halogen
3884-8090-00	Tri: 3"x7" lamps, stop & tail, amber turn, backup
3884-9000-00	Tri: 3"x7" lamps, open, stop & tail, backup



3884-0100



# Stop, Turn & Tail Lighting

## 3894 SERIES, features four 3" x 7" lamps, overall dimension is 8.63" x 13.74"

- Easy installation
- Sealed lamps, no moisture or dirt issues
- LED or incandescent option
- Can include your favorite warning lamp for a complete look



3894-0161-18

Order Nos.	Desc.
3894-0000-01	Quad: 3"X7" lamps, stop & tail, backup, open - lh
3894-0000-02	Quad: 3"X7" lamps, stop & tail, backup, open - rh
3894-0011-01	Quad: 3"X7" lamps, red hal warning, stop & tail, amber w/arrow ls, backup
3894-0011-02	Quad: 3"X7" lamps, red hal warning, stop & tail, amber w/arrow rh, backup
3894-0012-01	Quad: 3"X7" lamps, amb hal warning, stop & tail, amber w/arrow lh, backup
3894-0012-02	Quad: 3"X7" lamps, amb hal warning, stop & tail, amber w/arrow rh, backup
3894-0071-28	Quad: 3"X7" lamps, led warning-red, stop & tail, amb seq turn lh & incdsnt backup
3894-0071-29	Quad: 3"X7" lamps, led warning-red, stop & tail, amb seq turn rh & incdsnt backup
3894-0161-18	Quad: 3"X7" lamps, led stop & tail, amb seq turn lh, backup, warning-red
3894-0161-19	Quad: 3"X7" lamps, led stop & tail, amb seq turn rh, backup, warning-red
3894-0200-01	Quad: 3"X7" lamps, open, stop & tail, amber w/arrow lh, backup w/duetsch
3894-0200-02	Quad: 3"X7" lamps, open, stop & tail, amber w/arrow rh, backup w/duetsch
3894-0250-01	Quad: 3"X7" lamps, stop & tail, amber w/arrow lh, backup, open, duetsch
3894-0250-02	Quad: 3"X7" lamps, stop & tail, amber w/arrow rh, backup, open, duetsch
3894-0271-28	Quad: 3"X7" lamps, led warning-red, stop & tail, amb seq turn lh, incdsnt backup, duetsch
3894-0271-29	Quad: 3"X7" lamps, led warning-red, stop & tail, amb seq turn rh, incdsnt backup, duetsch
3894-0531-28	Quad: 3"X7" lamps, stop & tail, amb seq turn lh, incdsnt backup, warning-red, (2) duetsch
3894-0531-29	Quad: 3"X7" lamps, stop & tail, amb seq turnrh, incdsnt backup, warning-red, (2) duetsch
3894-1100-01	Quad: 3"X7" lamps, stop & tail, amber w/arrow, backup, red hal warning-lh
3894-1100-02	Quad: 3"X7" lamps, stop & tail, amber w/arrow, backup, red hal warning-rh
3894-1200-01	Quad: 3"X7" lamps, open, turn lh w/arrow, stop & tail, backup
3894-1200-02	Quad: 3"X7" lamps, open, turn rh w/arrow, stop & tail, backup

## 4684 SERIES, features three 4" x 6" lamps, overall dimension is 8.41" x 15.03"

- Easy installation
- Sealed lamps, no moisture or dirt issues
- LED or incandescent option

Order Nos.	Desc.
4684-0000-01	Tri: 4X"6" Lamps: stop & tail, amber w/arrow lh, backup
4684-0000-02	Tri: 4X"6" lamps: stop & tail, amber w/arrow rh, backup
4684-0100-01	Tri: 4X"6" lamps: stop & tail, amber w/arrow lh, backup, packard con
4684-0100-02	Tri: 4X"6" lamps: stop & tail, amber w/arrow rh, backup, packard con
4684-0100-18	Tri: 4X"6" lamps: LED stop & tail, amber seq turn lh, backup, packard con
4684-0100-19	Tri: 4X"6" lamps: LED stop & tail, amber seq turn rh, backup, packard con
4684-0100-28	Tri: 4X"6" lamps: LED stop & tail, amber seq turn lh, incdsnt backup, packard con
4684-0100-29	Tri: 4X"6" lamps: LED stop & tail, amber seq turn rh, incdsnt backup, packard con
4684-0200-01	Tri: 4X"6" lamps: stop & tail, amber w/arrow lh, backup, duetsch con
4684-0200-02	Tri: 4X"6" lamps: stop & tail, amber w/arrow rh, backup, duetsch con
4684-0200-18	Tri: 4X"6" lamps: led stop & tail, amber seq turn lh, backup, duetsch con
4684-0200-19	Tri: 4X"6" lamps: LED stop & tail, amber seq turn rh, backup, duetsch con
4684-0200-28	Tri: 4X"6" lamps: LED stop & tail, amber seq turn lh, incdsnt backup, duetsch con
4684-0200-29	Tri: 4X"6" lamps: LED stop & tail, amber seq turn rh, incdsnt backup, duetsch con



4684-0000-01

## 4694 SERIES, features four 4" x 6" lamps, overall dimension is 8.69" x 19.84"

- Easy installation
- Sealed lamps, no moisture or dirt issues
- LED or incandescent option
- Can include your favorite warning lamp for a complete look

Order Nos.	Desc.
4694-0000-01	Quad: 4"X6" lamps: stop & tail, arrow turn lh, backup, open
4694-0000-02	Quad: 4"X6" lamps: stop & tail, arrow turn rh, backup, open
4694-0011-01	Quad: 4"X6" lamps, red wng, stop & tail, amber turn lh, backup
4694-0011-02	Quad: 4"X6" lamps, red wng, stop & tail, amber turn rh, backup
4694-0171-18	Quad: 4"X6" led wng-red, stop & tail, amber seq turn lh, backup, packard con
4694-0171-19	Quad: 4"X6" led wng-red, stop & tail, amber seq turn rh, backup, packard con
4694-0511-01	Quad: 4"X6" lamps, red wng, stop & tail, amber turn lh, backup
4694-0511-02	Quad: 4"X6" lamps, red wng, stop & tail, amber turn rh, backup
4694-0561-28	Quad: 3"X7" lamps, led stop & tail, amb seq turn lh, incdnt backup, led wng-red, (2)duetsch con
4694-0561-29	Quad: 3"X7" lamps, led stop & tail, amb seq turn rh, incdnt backup, led wng-red, (2)duetsch con



4694-0561-28

## 4681/82 SERIES, features three 4" x 6" lamps, HORIZONTAL MOUNT, overall dimension is 6.68" x 21.48"

- Easy installation
- Ideal where space is limited yet attractive and high quality lighting is needed
- Sealed lamps, no moisture or dirt issues
- LED or incandescent option

Order Nos.	Desc.
4681-3200-01	Tri: horizontal mount, stop & tail, amber w/arrow lh, backup
4682-3200-02	Tri: horizontal mount, stop & tail, amber w/arrow rh, backup
4681-3200-18	Tri: horizontal mount, LED stop & tail, amber w/arrow lh, backup
4682-3200-19	Tri: horizontal mount, LED stop & tail, amber w/arrow rh, backup
4681-3200-28	Tri: horizontal mount, LED stop & tail, amber w/arrow lh, incdnt backup
4682-3200-29	Tri: horizontal mount, LED stop & tail, amber w/arrow rh, incdnt backup

Order Nos.	Service Parts for tri and quad assemblies
0C90-0350-xx*	Repl. lens assy, halogen, 4600 series
0C90-0352-21	Repl. lens assy, halogen, 4600 left arrow turn, amber
0C90-0352-22	Repl. lens assy, 4600 right arrow turn, halogen, amber
0C90-1028-xx*	Repl. lens/refl assy, hal-sf, 3800 series
0C90-1029-10	Repl. lens/refl assy, hal-df, 3800 series
0C90-1030-21	Repl. lens/refl assy, left arrow, 3800 series
0C90-1030-22	Repl. lens/refl assy, right arrow, 3800 series
0D40-0512-00	Repl. mounting pad for 3884 series
0D40-1143-00	Repl. mounting pad for 4684 series
0D40-1144-00	Repl. mounting pad for 4694 series
0D40-1203-00	Repl. mounting pad for 3894 series
0D40-1339-01	Repl. mounting pad for 4681 series
0K90-0336-00	Repl. socket, single contact
0K90-0337-00	Repl. socket, dual contact
9018-0013-00	Repl. bulb: #1156, 32cp
9018-0020-00	Repl. bulb: #1157, 32/3cp
9018-0022-00	Repl. bulb: #3497 for 3800
9018-0021-00	Repl. bulb: #2357 for 3800

NOTE: xxDenote (-10) red, (-20) amber, (-30) clear lens



4682-3200-19





# Backup Lighting

## 7" Backup Lamps

Weldon's 7" backup lamps are available in LED and incandescent. Commonly used with the 1000 and 1010 stop, tail, turn lamps.

### LED, 9186-5585-30 Series

- Low amp draw
- Fully encapsulated electronics
- Flat back design

Order Nos.	Desc.	Amp Draw 12V
9186-5586-30	7", econ. led, black base	.26



9186-5586-30

### Incandescent, 1013 Series

- Your choice of chrome flange or black base
- Available in flat back or socket back

Order Nos.	Desc.	Amp Draw 12V
1013-1100-30	7", socket back, black base, #1141 bulb, clear	1.9
1013-6300-30	7", flat back, chrome flange, #1141 bulb, clear	1.9
1013-7100-30	7", flat back, black base, #1141 bulb, clear	1.9
1003-1000-30	Repl. lens, acrylic, clear	
1014-0000-00	Repl. gasket, lens	
1015-0000-00	Repl. mounting pad for panel mount	
1016-0000-00	Repl. mounting pad for chrome flange mount	
9018-0019-00	Repl. bulb #1141, 21cp	



1013-1100-30

## 5800 Series Backup Lights

The 5800 Series lamps provide the same lens illumination area as a 7" round in an updated rectangular style. The all plastic construction is fully sealed to prevent dirt and moisture infiltration, at an economical price. An integral connector provides a quick and weatherproof connection.

- Fully sealed, all plastic construction
- Polycarbonate lens
- Slim profile
- Die-cut closed cell foam rubber mounting gasket
- 5801 - Designed to fit in 4" diameter grommet mount cut out
- 5802 - Requires only 1.5" diameter clearance hole for plug
- 5801 - Vertical or horizontal mount
- 5801 - 32 cp – 2.1 Amp draw
- 5802 - 21 LED's, 0.27 Amp draw
- Measures 8.5"x5.25"

Order Nos.	Desc.	Amp Draw 12V
5801-0100-30	Incandescent backup, clear/no plug assembly	2.1
5802-0100-30	LED backup, clear vertical mount /no plug assembly	0.27
0K90-1969-10	2 wire plug assembly for 5801 and 5802 backup	



5802-0100-30



5801-0100-30

## 3800-4600-7800 Series Backup

These 3" x 7" lamps feature a lens and reflector that are sealed eliminating problems associated with moisture and dust infiltration. Available in LED and incandescent.

- Sealed lens and reflector
- Incandescent available in panel or chrome flange mount
- Low amp draw for LED

Order Nos.	Desc.	Amp Draw 12V
3841-0000-30	3"X7" panel mount, #1156 bulb, clear	2.1
3842-0000-30	3"X7" bezel mount, #1156 bulb, clear	2.1
3871-8000-30	3"X7" led, panel mount, auxilliary backup	0.62
3872-8000-30	3"X7" led, bezel mount, auxilliary backup	0.62
4641-0000-30	4"X6" panel mount, #1156 bulb, clear	2.1
4642-0000-30	4"X6" bezel mount, #1156 bulb, clear	2.1
4671-8000-30	4"X6" led, panel mount, auxilliary backup	0.62
4672-8000-30	4"X6" led, bezel mount, auxilliary backup	0.62
7841-0000-30	7"X9" panel mount, #1156 bulb, clear	2.1
7842-0000-30	7"X9" bezel mount, #1156 bulb, clear	2.1



3841-0000-30



4641-0000-30

## Service Parts For 3800, 4600, 7800 Backup

Order Nos.	Service Parts for 3800, 4600, 7800 Backup
0C90-0350-33	Repl. lens/refl assy, 4600
0C90-1028-33	Repl. lens/refl assy, 3800
0C90-1138-33	Repl. lens/refl assy, 7800
0D30-0377-00	Repl. mounting pad, 4600 series, bezel mount
0D30-0385-00	Repl. mounting pad, 4600 series, panel mount
0D30-1026-00	Repl. mounting pad for 3800 series, bezel mount
0D30-1027-00	Mounting pad for 3800 series, panel mount
0D30-1136-00	Mounting pad, 7800 series, bezel mount
0D30-1137-00	Mounting pad, 7800 series, panel mount
0K90-0336-00	Repl. socket, single contact
9018-0013-00	Repl. bulb: #1156, 32cp

## 3 7/8" Backup, 9186-4500 Series

This lamp can be used as a backup or utility lamp.

- Polycarbonate lens
- Black ABS trim ring

Order Nos.	Desc.	Amp Draw 12V
9186-4570-30	Black bezel, 1 wire, #1156 bulb	2.1
9186-4571-30	Black bezel, 2 wire, #1076 bulb	2.1
9018-0013-00	Repl. bulb, #1156, 32cp	
9018-0025-00	Repl. bulb, #1076, 32cp	



9186-4570-30

## 4" Backup, 9186-5000 Series

These 4" backup lights are fully sealed to prevent dirt and moisture infiltration. The 9186-5515 flange mount secures the lamp to the vehicle and a MP150 connector provides a quick connection. The kit includes the lamp, mounting grommet and plug.

- Polycarbonate lens
- Sealed lamp
- "Sure seal" connector

Order Nos.	Desc.	Amp Draw 12V
9186-5300KC	4" backup, clear, incand, grommet mount w/ metripack con.	2.1
9186-5515-31	4" backup, clear led, flange mount, w/metripack con.	.34
9186-5526-30	4" backup, clear led grommet mount.	.34



4186-5300KC



9186-5526-30



9186-5515-31



# Interior-Dome Lighting

## 8" Recessed Interior Dome Lamp



Now available in patented V-LED technology, Incandescent or Halogen. The new 8" LED Interior Dome Lamp minimizes heat and vibration issues, and requires less current draw. Like all Akron Brass light products, the new 8" LED Interior Dome lamp is designed to perform reliably through years of service. All versions meet GSA-KKK illumination requirements for cot and floor.

- Available in patented V-LED technology
- LED Minimizes heat and vibration issues
- Meets GSA-KKK illumination requirements at cot and floor
- Hi/low operation available
- Standard recessed stainless steel housing
- LED Less than 1 amp draw in high mode at 12V

Order Nos.	Desc.	Amp Draw 12V
8040-0500-80	Rec mount, sf #1156 bulb, ss body, clear lexan lens	2.1
8040-0520-80	Rec mount, df #1157 bulb, ss body, clear lexan lens	2.1/.59
8046-0300-80	Rec mount, single bulb #gh9, ss body, clear lexan lens	2.9
8046-0320-80	Rec mount, hi/lo, #gh9/#906, ss body, clear lexan lens	2.9/.69
8047-0000-10	V-LED surface mount (no pan), hi/lo, red	.6/.05
8047-0000-30	V-LED surface mount (no pan), hi/lo, clear	.8/.06*
8048-0000-30	V-LED rec mount, hi/lo, ss body, clear	.8/.06*
8048-0001-30	V-LED rec mount, white body, hi/lo, clear	.8/.06*
8048-0000-10	V-LED rec mount, hi/lo, ss body, red	.6/.05
8048-0001-10	V-LED rec mount, hi/lo, white body, red	.6/.05
9018-0013-00	Replacement bulb, sf, #1156, 32 cp	
9018-0020-00	Replacement bulb, df, #1157, 32/3 cp	
9018-0034-00	Replacement bulb, df, #gh9 halogen 37.5w	
9018-0035-00	Replacement bulb, lo, #906, 6cp	
1003-0000-80	Replacement lexan lens for 8040/8046, clear	

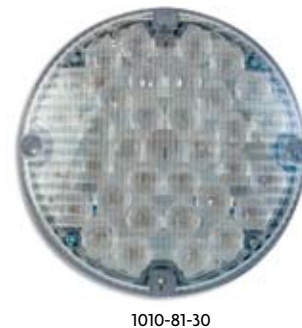
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## LED, 1010-8100 Series

- Low amp draw
- Fully encapsulated electronics
- Flat back design
- Integral, sealed connector

Order Nos.	Desc.	Amp Draw 12V
1010-8100-30	7" LED, no plug, black base	.45
1010-8110-30	7" LED w/plug, black base, white	.45
0K90-1549-10	Plug assy 2 wire for led lamps	

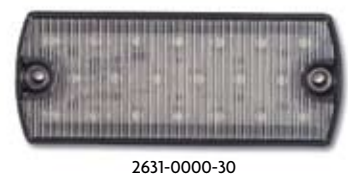


## 2630/2631 Series Dome/Pump Panel Lamp

The 2630 and 2631 lamps can be used as a dome or in pump panel applications directly replacing the 2030 series lamps. The LED version features a slim profile allowing for improved clearance and lowered amperage current draw. Both lamps are all plastic construction and fully sealed; to prevent moisture, dirt and corrosion issues.

- Directly replaces current 2030 series pump panel and compartment lamps
- Fully sealed, surface mount with foam mounting pad
- 2630 - 21 CP Incandescent - 1.44 Amp draw
- 2631 - 20 LEDs - 0.3 Amp draw
- 2631 - Slim Profile (.78" thick)
- Measures 2.5"x6"

Order Nos.	Desc.	Amp Draw 12V
2630-0000-30	Incandescent sealed lamp	1.44
2631-0000-30	LED sealed lamp	0.3





## 8080/8081 Series LED Cab Dome Light



This newly redesigned housing features simplified installation and is now available in LED. Available in black or grey bezel, and in +Battery (-8000) for multiplexed systems, or Ground (-7000) switching configurations.

- Newly designed for LED operation
- Redesigned housing
- Black (8080) or grey (8081) bezel
- +Battery (-8000) or ground (-7000) switching configurations
- Meets NFPA Illumination

Order Nos.	Desc.	Amp Draw 12V
8080-0000-13	Dual dome, bulb, ground switched, black bezel, red/clear	2/4
8080-1000-13	Dual dome, bulb, +batt switched, black bezel, red/clear	2/4
8080-7000-13	Dual dome, LED, ground switched, black bezel, red/clear	0.4/0.8
8080-8000-13	Dual dome, LED, +batt switched, black bezel, red/clear	0.4/0.8
8081-0000-13	Dual dome, bulb, ground switched, grey bezel, red/clear	2/4
8081-1000-13	Dual dome, bulb, +batt switched, grey bezel, red/clear	2/4
8081-7000-13	Dual dome, LED, ground switched, grey bezel, red/clear	0.4/0.8
8081-8000-13	Dual dome, LED, +batt switched, grey bezel, red/clear	0.4/0.8
OC10-2228-10	Lens, 8080/8081 series, red	
OC10-2228-30	Lens, 8080/8081 series, clear	
OC10-2228-40	Lens, 8080/8081 series, blue	



8081-7000-13



8080-7000-13

## 8086 Series, Red/Clear Interior Lamp, Euro-Style On/Off Switch

With the same concept as the 8080/8081 series, this lamp features euro-style buttons.

- Black bezel
- Off-the-shelf bulb
- Blue lens available

Order Nos.	Desc.	Amp Draw 12V
8086-6978-68	Dome, w/push buttons, red/clear lens, #922 bulb	0.98/1.96
OC11-1223-00	Replacement lens, red	
OC13-1225-00	Replacement lens, clear	
OC14-1226-00	Replacement lens, blue	
OE13-1878-00	Replacement bulb: #922, incandescent, 15 CP	



8086-6978-68

## 9185 Series, 5.5" Utility Lamps

This recessed mount lamp series can be used as a compartment or underbody lamp. The 9185-40034 series features epoxy-sealed terminals and can be used for underbody applications. An aluminum bracket is available sep:

Order Nos.	Desc.	Amp Draw 12V
9185-40003-3	Utility/grommet kit, clear	1.4
9185-40034	Utility kit, clear	1.4
OJ10-0503-00	Mounting bracket for underbody application, 9185-40003	



9185-40003-3



# Marker Lighting

## 9186-8560 Series, Turn/Marker, 2.91" X 3.69"

Now available in LED! Functions as a side turn indicator\* or marker light

- Stainless steel housing
- No rust or corrosion issues
- Durable Polycarbonate Lens

Order Nos.	Desc.	Amp Draw 12V
9186-8580-29	LED turn/marker, amber	0.1/0.4
9186-8560-29	Marker w/ground tab, #1157 bulb, amber	.59/2.1
OC12-1181-00	Repl. lens, polycarbonate, amber	
OD10-1176-00	Repl. gasket, lens	
OD30-1092-00	Repl. mounting pad	
9018-0020-00	Repl. bulb: #1157, 32/3cp	

\*no current DOT requirement for side turn



9189-8560-29

## 5150/5180 Series, Marker, 1 1/2" X 3 1/2", PC Rated

These lamps feature a tough acrylic lens with built in shield for added durability. The LED lamp provides reliable, long-life service! Both lamps meet combination clearance and marker functions.

- Built-in shield
- Armored metal shield available separately
- Low amp draw

Order Nos.	Desc.	Amp Draw
5150-0000-10	Marker, incandescent, no plug, red	0.35
5150-0000-20	Marker, incandescent, no plug, amber	0.35
5150-0100-10	Marker, incandescent w/plug, red	0.35
5150-0100-20	Marker, incandescent w/plug, amber	0.35
5180-0100-10	marker, LED, no plug, red	0.04
5180-0100-20	marker, LED, no plug, amber	0.04
5180-0110-10	marker, LED w/plug, red	0.04
5180-0110-20	marker, LED w/plug, amber	0.04
OJ10-2161-BK	Shield for 5150/5180, powder coat black	
OJ10-2161-GY	Shield for 5150/5180, powder coat grey	
OK90-1601-00	Socket wedge base, w/delphi for 5150	
OK90-1803-00	Plug assm, 2 wire, for 5180 lamp	
OD10-1630-00	Replacement mounting pad	
9018-0012-00	Replacement bulb #168	



5150-0000-10



5180-0100-20

Shown with optional guard (OJ10-2161-BK)

## Truck Style LED Marker Lamps

This marker lamp is fully sealed plastic construction to prevent moisture, dirt and corrosion issues at an economical price.

- Fully sealed plastic construction
- Measures 6.0" x 2.8"

Order Nos.	Desc.	Amp Draw 12V
9186-1585-10	LED Marker light red	0.10
9186-1585-20	LED marker light amber	0.10



9186-1585-10



9186-1585-20

## 5060 Series Marker Lamps

This triangular marker light features all plastic construction and is fully sealed; to prevent moisture, dirt and corrosion issues. The 5060-7000 LED is for roof mount marker light applications only. The 5060-1900 has a replaceable #168 bulb and can be mounted in vertical or horizontal positions.

- Fully sealed all plastic construction
- 2 wire isolated ground
- 5060-1900 – replaceable 168 bulb - .35 Amp draw
- 5060-7000 – LED, 0.10 Amp draw
- Measures 3.83" x 3.08"

Order Nos.	Desc.	Amp Draw 12V
5060-1900-10	Incandescent marker light red	0.35
5060-1900-20	Incandescent marker light amber	0.35
5060-7000-10	LED cab marker light red	0.10
5060-7000-20	LED cab marker light amber	0.10
9018-0032-00	Replacement bulb #168	



5060-7000-20



5060-7000-10

## 9186-1500 Series, LED Marker Lamp, 1.1" X 2.59"

These lamps utilize LED technology for unsurpassed life and reliability. Two lead wires exit for isolated ground or chassis connection. Use the OJ10-1200 brush guard for added durability.

- Low amp draw
- Sonic-welded base and lens
- Offered in a variety of colors
- Stainless brush guard available

Order Nos.	Desc.	Amp Draw 12V
9186-1500-10	LED clearance/marker, red	0.05
9186-1500-20	LED clearance/marker, amber	0.05
9186-1501-30	LED utility, clear	0.05
9186-1501-40	LED utility, blue	0.05
9186-1501-50	LED utility, green	0.05
OJ10-1200-00	Brush guard, stainless steel	
0D10-1530-00	Repl. mounting pad	



9186-1501-30



9186-1500-20



OJ10-1200-00  
Brush Guard



9186-1500-10

## 5210 / 5211 Series, Led Marker Lights

These compact, low profile LED Marker Lights are grommet mounted and protrude less than 3/8" from the vehicle surface eliminating the need for shields or branch protection. The lamp mounts in a 3/4" diameter hole and does not require any additional fasteners. D.O.T. certified and PC rated for combined clearance and side marker functions.

- 5210 Series have a colored lens. Available colors - red and amber for D.O.T. applications; white, green and blue for accent and indication applications.
- 5211 Series have a clear lens with colored LEDs. Available colors - red and amber for D.O.T. applications; green and blue for accent and indication applications.

Order Nos.	Description	12 V Amp.
5210-0000-10	LED marker lamp, red LED/lens, grmt mt.	.05
5210-0000-20	LED marker lamp, amber LED/lens, grmt mt.	.05
5210-0000-30	LED marker lamp, clear LED/lens, grmt mt.	.02
5210-0000-40	LED marker lamp, blue LED/lens, grmt mt.	.02
5210-0000-70	LED marker lamp, green LED/lens, grmt mt.	.02
5211-0000-10	LED marker lamp, red LED, clear lens, grmt mt.	.05
5211-0000-20	LED marker lamp, amber LED, clear lens, grmt mt.	.05
5211-0000-40	LED marker lamp, blue LED, clear lens, grmt mt.	.02
5211-0000-70	LED marker lamp, green LED, clear lens, grmt mt.	.02



5210-0000-10



5210-0000-20





# Stepwell, License & Courtesy Lights

## 9186 Series, Stepwell Lamp

This lamp will not rust or corrode and the glass lens will hold up to extreme temperatures.

- Your choice of 21, 32, 50 candlepower
- Molded mounting pad provides an excellent seal
- Stainless construction, no corrosion issues

Order Nos.	Desc.	Amp Draw 12V
9186-8562-30	Stepwell, 32CP, #1156 bulb, clear	2.1
9186-8563-30	Stepwell, 32CP, #1156 bulb, w/ground wire, clear	2.1
9186-8563-34	Stepwell, 32CP, #1638 bulb, w/ground wire - 24v	1.0
9186-8564-30	Stepwell, 21CP, #1141 bulb, clear	1.4
9186-8565-30	Stepwell, 21CP, #1141 bulb, w/ground wire, clear	1.4
9186-8566-30	Stepwell, 50CP, #1195 bulb, clear	3.0
OC63-1180-00	Repl. lens, glass, clear	
OD10-1176-00	Repl. gasket, lens	
OD30-1092-00	Repl. mounting pad	
9018-0013-00	Repl. bulb: #1156, 32CP	
9018-0019-00	Repl. bulb: #1141, 21CP	
9018-0051-00	Repl. bulb: #1638, dc 32CP	



9186-8563-30

## 9186 Series, License Illuminator / Stepwell

This lamp can be in a license or stepwell application.

- Corrosion resistant
- Die cast zinc housing and ABS base
- Twist-lock socket for easy bulb service
- Available with isolated ground for non metallic surface mounting

Order Nos.	Desc.	Amp Draw 12V
9186-23882-30	Stepwell & utility, #906 bulb, clear	0.69
OJ10-0393-00	Bracket, black	
9018-0035-00	Repl. bulb, #906 WB 6CP	
9186-23882-2540	Repl. mounting pad	



9186-23882-30

## 8101/8102 Series, Miniature License Illuminator

This surface mount lamp features a tough housing and lens for a long life. Available in LED and incandescent.

- Miniature, only 2.8" wide & 2" high
- Tough housing and lens

Order Nos.	Desc.	Amp Draw 12V
8101-0100-30	License lamp, #168 bulb, 3 CP	0.35
8102-0100-30	LED licence lamp	0.1
9018-0032-00	Repl. bulb, #168, 3CP	



8102-0100-30

## LED Courtesy Lamps, Small In Size, Large In Light Output!

These miniature LEDs are available in amber, blue, clear, green and red. These weatherproof LEDs are potted in epoxy for added durability. Lamp measures only 1.13" x .75"

- Your choice of chrome or black body
- Excellent side-to-side visibility
- Excellent for water level indicator
- Low amp draw

Order Nos.	Desc.	Amp Draw
9186-2300-xx	LED courtesy, black	0.025
9186-2301-xx	LED courtesy, chrome	0.025

Note: xx Denote (-10 red), (-20 amber), (-30 clear), (-40 blue), (-50 green)



9186-2300-10



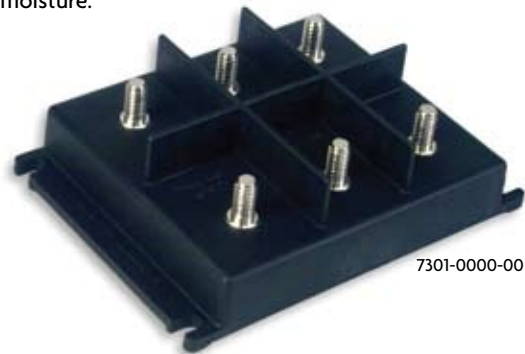
9186-2300-30

# Flashers, Controllers & Strobe Power

## 7301 Series, Ambulance Flasher

This solid-state, heavy-duty flasher is packaged in a compact glass-filled nylon case. The unit measures only 1.90"h x 3.50"w x 4.75"d. The module is fully sealed with epoxy, completely impervious to dirt and moisture.

- Isolated terminals – prevents accidental shorts
- Program up to three lamps per channel
- Easy interchange with competitive models
- Complies with GSA-KKK Specification



7301-0000-00

Order Nos.	Description
7301-0000-00	Ambulance flasher, solid state, heavy-duty

## 7701 Series, LED Flasher/Controller Module

This module is designed for (12) 3"x7" or 4"x6" lamps per channel, or (6) 7"x9" lamps. This flasher defaults to quad-pulse alternating flash on A-B vs. C-D on power up. Wig-wag forces the flasher into a steady alternating flash regardless of the enable connection.

- 3 different flash patterns: Quad, Wig Wag, and Random (Random has 7 different flash patterns)
- Potted internal components
- 16 Amp terminal load



7701-000-00

Order Nos.	Description
7701-0000-00	LED controller

## 7400 Series, Strobe Power Systems

Six modes of strobe power packs for new or retrofit applications. Power supply for NFPA or GSA-KKK vehicles. User-selectable flash patterns: dual, quad or random flash patterns. Three wire, shielded heavy-duty strobe cable offers connectors installed and is available in various lengths. Operates in 12V or 24V applications.

ORDER NOS.	Desc.
0L90-0979-06	Cable, strobe, 6' w/connector
0L90-0979-12	Cable, strobe, 12' w/connector
0L90-0979-20	Cable, strobe, 20' w/connector
0L90-0979-30	Cable, strobe, 30' w/connector
7404-0060-00	Strobe pack, 4-channel 60w
7408-0120-00	Strobe pack, 8-channel 120w
7414-0090-00	Strobe pack, 4-channel 90w
7418-0185-00	Strobe pack, 8-channel 185w



7404-0060-00



# Headlamp Lighting

## 4980 Series Headlamps

This headlamp module features an HID light source for truer daylight illumination. Objects that cannot be seen with halogen bulbs are suddenly more visible. The headlamp module uses glass projector optics to provide a sharp cutoff to reduce glare to oncoming traffic. The headlamp module replaces the standard 165mm x 100mm (4" x 6") sealed beam headlamp. Note, please insure to allow adequate depth of 5" for this module.

Order Nos.	Description	Amp Draw 12V
4980-2000-00	Headlamp, HID lowbeam, 4x6 projector	2.6

Order Nos.	Service Parts
OE60-1470-00	HID bulb, DIS, 35 watt
ON00-1471-00	HID ballast



4980-2000-00

## 4980 Series Headlamp Modules



These headlamp modules feature multi-faceted reflector technology to provide a clean, stylized look for the vehicle. The headlamp module uses a replaceable halogen bulb for easy service. The lamp features a glass lens and aluminum body to provide years of service. The headlamp module replaces the standard 165mm x 100mm (4" x 6") sealed beam headlamp. Note, please insure to allow adequate depth of 5" for this module. Headlamp modules are available in low and high beam configurations.

Order Nos.	Description	Amp Draw 12V
4981-0100-00	High beam headlamp module, 9005 bulb	5.1
4981-0200-00	High/low beam headlamp module, 9007 bulb	5.1/4.3



4981-0100-00



4981-0200-00  
High/Low Beam Headlamp



# Vehicle Scene Lighting

## Diamondback™ LED Scene Lamp Heads

Akron Brass continues to expand its high performance LED lighting products with the new Diamondback LED scene lamps. Unlike other LED scene lamps the DiamondBack LED scene lamp is surface mounted. No large body cut outs required.

- Patented Diamondback styling to complement warning lamps
- Very high optical efficiency maximizes illumination with minimum current draw
- High precision optical elements direct lighting onto work surfaces which minimizes scatter
- Efficient electronic regulation reduces current draw and maintains LED intensity throughout the lamps operating voltage range of 11-32V (intensity may diminish below 11V input)
- Eight (8) element lamps operate at 12W (1A), Sixteen (16) element lamps operates at 24W (2A)
- Like all Diamondback products, these scene lamps offer:
  - 5 year warranty
  - High-impact polycarbonate lens with anti-scratch hardcoating
  - V-LED devices to maximize thermal and optical performance
  - Fully upgradable/serviceable components
  - Integral mounting pad
  - Optional chrome plated bezels with molded mounting pads



V79S



V46S



V37S

Order Nos.	Description	Amp Draw 12V	Amp Draw 24V
V37S	Diamondback led scene, 3X7, 8 element	.92	.45
V46S	Diamondback led scene, 4X6, 8 element	.92	.45
V79S	Diamondback led scene, 7X9, 16 element	1.84	.96

Bezel kits available separately

Bezel Kits Part Numbers

Order Nos.	Description
0B80-2335-00	Chrome bezel kit for 3"X7" Diamondback
0B80-2336-00	Chrome bezel kit for 4"X6" Diamondback
0B80-2337-00	Chrome bezel kit for 7"X9" Diamondback
0C20-2170-30	V37 replacement cover lens, clear
0C20-2177-30	V46 replacement cover lens, clear
0C20-2184-30	V79 Replacement cover lens, clear



## HID Scene Lighting

- Generates truer, daylight illumination
- 250 Candle Power – 3200 Lumens
- Instant restrike
- Consumes 33% less power than halogen (35w HID vs. 50w halogen)
- Rated at 3,000 hours of service
- Bulb is serviceable
- Ballast and interconnects included
- Designed for 12v applications

Order Nos.	Description	Amp Draw 12V
3862-0000-33	3" X 7" HID, bezel, clear	2.6*
4662-0000-33	4" X 6" HID, bezel, clear	2.6*
7862-0000-33	7" X 9" HID, bezel, clear	2.6*
0E93-1571-00	Repl. bulb/adaptor assy	

\*after bulb warm up



## 3800 Series Scene Lamps

These 3" x 7" lamps feature a combination of 15 to 26 degree optics to effectively illuminate the work area. The lens and reflector are sealed eliminating the problems of dust and moisture infiltration.

- Superior light output
- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Twist and lock socket out the back for easy bulb replacement

Order Nos.	Description	Amp Draw 12V
3811-0000-33	3"X7" halogen, #886 bulb, panel mount, clear	3.9
3812-0000-33	3"X7" halogen, #886 bulb, bezel mount, clear	3.9

See service parts page 127



## 4600 Series Scene Lamps

Weldon's 4" x 6" lamps feature a combination of 15 to 26 degree optics to effectively illuminate the work area. The lens and reflector are sealed eliminating the problems of dust and moisture infiltration.

- Superior light output
- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Twist and lock socket out the back for easy bulb replacement

Order Nos.	Description	Amp Draw 12V
4611-0000-33	4"X6" halogen, #886 bulb, panel mount, clear	3.9
4612-0000-33	4"X6" halogen, #886 bulb, bezel mount, clear	3.9

See service parts page 127



## 7800 Series Scene Lamps

Weldon's 7" x 9" lamps feature a combination of 15 to 26 degree optics to effectively illuminate the work area. The lens and reflector are sealed eliminating the problems of dust and moisture infiltration.

- Superior light output
- Sealed lens and reflector
- No moisture or dirt issues
- Available in panel or chrome flange mount
- Twist and lock socket out the back for easy bulb replacement



7812-0000-33

Order Nos.	Description	Amp Draw 12V
7811-0000-33	7"X9" halogen, #886 bulb, panel mount, clear	3.9
7812-0000-33	7"X9" halogen, #886 bulb, bezel mount, clear	3.9

## Service Parts for 3800, 4600 & 7800 Series SCENE LIGHTS

Order Nos.	Service Parts for 3800, 4600 & 7800 Series
OC90-0350-33	Repl. lens/refl assy, clear, scene/backup, for 4600
OC90-1028-33	Repl. lens/refl assy, clear, scene/backup, for 3800
OC90-1138-33	Repl. lens/refl assy, sf-scene, for 7800
OD30-0377-00	Repl. mounting pad, 4600, bezel
OD30-0385-00	Repl. mounting pad, 4600, panel
OD30-1026-00	Repl. mounting pad, 3800, bezel
OD30-1027-00	Repl. mounting pad, 3800, panel
OD30-1136-00	Repl. mounting pad, 7800, bezel
OD30-1137-00	Repl. mounting pad, 7800, panel
OE22-1357-00	Repl. bulb: #886, halogen, right angle base, 100 cp @ 12.8 v, 3.9a
OK90-1806-00	Scene lamp socket/harness kit, 886 bulb

## 2010 Series, 7" x 8"

- Available with chrome or black base
- Your choice of 35 and 50 watts
- Numerous castings available



2010-1170-30

Order Nos.	Desc.	Amp Draw 12V
2010-0370-30	7" X 8", 35w, #4436 bulb, chrome base, rec. mount, clear	2.3
2010-0390-30	7" X 8", 50w, #h7635 bulb, chrome base, rec. mount, clear	4.2
2010-1170-30	7" X 8", 35w, #h4436 bulb, black base, rec. mount, clear	2.3
2010-1190-30	7" X 8", 50w hal, #h7635 bulb, black base, rec. mount, clear	4.2
1012-0000-00	Repl. bulb clip	
2003-0000-00	Repl. gasket, lens, clear	
2011-0000-30	Repl. lens, acrylic, clear	
2023-0000-00	Repl. mounting pad	
9018-0001-00	Repl. bulb: s beam, #4436, 35w	
9018-0031-00	Repl. bulb, s beam, #h7635, 50w	

## 3010 Series, 6" X 9"

With two 27-watt halogen bulbs, a strong light pattern is produced.

- Available with 15 or 26 degree tilt-down optics
- Two bulb design



3010-1500-30

Order Nos.	Desc.	Amp Draw 12V
3010-1500-30	15 degree tilt optics, halogen, GH22 bulb, 12V, clear	4.2
3010-2600-30	26 degree tilt optics, halogen, GH22 bulb, 12V, clear	4.2
3011-0000-30	Repl. lens, polycarb., 15 degree, clear	
3012-0000-30	Repl. lens, polycarb., 26 degree, clear	
3023-0001-00	Repl. mounting pad	
3024-0001-00	Repl. gasket, lens	
9018-0035-00	Bulb, GH22 halogen 27w, 35 CP	



# Extenda-Lite Light Heads

Our Extenda-Lite® Lights are designed to withstand the rigors demanded by the fire service, providing superior lighting in every situation. Akron's lights are manufactured using the highest quality materials and workmanship.

## Extenda-Lite Light Heads


Light Head Description	Light Head	Wattage	Voltage	Amps	Lumens / Candle Power	Light Head Dimensions
<b>Night Breaker**</b>   *** Not CE approved	5150***	150 (HID)	12 DC*	12.5	13,000	8 1/2" W x 6 1/2" H x 7" D (216 x 165 x 178 mm)
	5300	300	120 AC/240 AC	2.6/1.3	5400	8 1/2" W x 6 1/2" H x 7" D (216 x 165 x 178 mm)
	5500	500	120/240 AC	4.5/2.3	10,500	8 1/2" W x 6 1/2" H x 7" D (216 x 165 x 178 mm)
	5750	750	120 AC	7	21,000	8 1/2" W x 6 1/2" H x 7" D (216 x 165 x 178 mm)
<b>Low Profile Beta **</b>   *** Not CE approved	4150	150	12 DC *	12.5	3,000	13.75"W x 4"H x 3.5"D (350 x 101 x 89 mm)
	4300	300	120 AC/240 AC	2.6/1.3	5400	13.75"W x 4"H x 3.5"D (350 x 101 x 89 mm)
	4650***	650	120 AC	5.4	25,200	13.75"W x 4"H x 3.5"D (350 x 101 x 89 mm)
	4500	500	120/240 AC	4.5/2.3	10,500	13.75"W x 4"H x 3.5"D (350 x 101 x 89 mm)
	4750***	750	120 AC	7	21,000	13.75"W x 4"H x 3.5"D (350 x 101 x 89 mm)
<b>Stonco **</b>   	150	150	12 DC *	12.5	3,000	8.75"W x 8.5"H x 5.5"D (222 x 216 x 140 mm)
	300	300	120 AC/240 AC	2.6/1.3	5,400	8.75"W x 8.5"H x 5.5"D (222 x 216 x 140 mm)
	500	500	120/240 AC	4.5/2.3	10,500	8.75"W x 8.5"H x 5.5"D (222 x 216 x 140 mm)
<b>North Star</b>  	300	300	120 AC/240 AC	2.6/1.3	5,400	9.5"W x 9.5"H x 5.0"D (241 x 241 x 127 mm)
	500	500	120/240 AC	4.5/2.3	10,500	9.5"W x 9.5"H x 5.0"D (241 x 241 x 127 mm)
	650	650	120 AC	6.5	25,000	9.5"W x 9.5"H x 5.0"D (241 x 241 x 127 mm)
	750	750	120 AC	7	21,000	9.5"W x 9.5"H x 5.0"D (241 x 241 x 127 mm)

\*On/off switch comes standard on 12V lights.

\*\*Highly Polished Specular Hammertone Reflector.

\*\*\* Not CE approved



Light Head Description	Light Head	Wattage	Voltage	Amps	Lumens / Candle Power	Light Head Dimensions
Stonco   	1000	1000	120/240 AC	9/4.5	21,500	16.5"W x 9.5"H x 5.5"D (420 x 241 x 140 mm)
	1500	1500	120/240 AC	13/6.3	35,000	16.5"W x 9.5"H x 5.5"D (420 x 241 x 140 mm)
(12V1) Single 12 Volt 	12V1	One 100 w Flood One 200,000 CP Spot	12 DC * Flood Bulb	8.3	1,800/200,000 CP	8.75"W x 8.5"H x 5.5"D (222 x 216 x 140 mm)
(12V2) Dual 12 Volt 	12V2	Two 100 w Flood Two 200,000 CP Spot	12 DC *	16.6	3,600/400,000 CP	16.5"W x 9.5"H x 5.5"D (420 x 241 x 140 mm)
Daymaker (DM) Triple 12 Volt 	DM	Three 100 w Flood Three 200,000 CP Spot	12 DC *	24.9	5,400/600,000 CP	19.5"W x 11"H x 6.0"D (495 x 280 x 152 mm)
Super Light 	1000 MH	1000	120/240 AC	9/4.5	110,000	20"W x 8"H x 13"D (508 x 203 x 330 mm)
	2000	2000	240 AC	8.5	44,000	20"W x 8"H x 13"D (508 x 203 x 330 mm)

\*On/off switch comes standard on 12V lights.

\*\*Highly Polished Specular Hammertone Reflector.



# Locking Collar & Manual Mast

## Locking Collar for Extenda-Lite™ Telescopic Poles

Akron Brass has made our popular scene lighting line even better by adding a new locking collar. This precision machined device has been developed as a direct replacement for our existing lock collar with no additional cost. As standard, the Extenda-Lite telescopic pole will be upgraded to this feature which will be found on Extenda-POD tripods, Push-Up and Pull-Up poles, and Swiveling Bases. It can also be purchased for field upgrades on existing Extenda-Lite products. The new locking collar was designed for ease of use while wearing gloves, and with its wide knurled surface, a good grip can be maintained during the worst conditions. With its clear anodized coating and low friction internal parts, it cannot be over tightened and will provide years of reliable service. At Akron Brass we stand behind this with our 5 year warranty.

- Cannot be over tightened
- Wide knurled surface for easy grip even with gloves
- Can be tightened from either direction
- Direct replacement of our current lock collar
- Precision-machined aluminum base and cap
- Strong aluminum construction and clear anodized coating to endure environmental extremes
- Low friction internal parts which will not seize up after years of service
- No metal to metal contact
- No protruding handle to snag gear on



**TL**  
Locking  
Collar

## Manual Mast

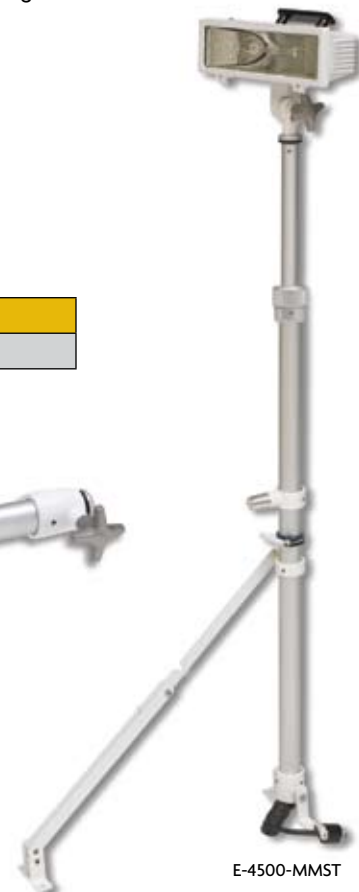
This collapsible pole assembly is designed to be folded away into the stored position. It will accept a variety of light heads, strobes, or even an antenna. The Manual Mast has a footprint of just 7.5" by 42" and can be permanently mounted on a flat surface. With no internal space required for storage, this pole assembly will work anywhere side mounting or internal compartment mounting is not an option. Applications include roofs of utility vehicles or trailers, tops of skid units, or even mobile generator trailers.

- One person setup in less than a minute
- Collapsed height of 5.5"
- Various pole lengths available
- Made of the same durable materials you have come to expect from the Extenda-Lite line
- Stable in high winds
- Standard with up indicator, locking brackets, and no-mar stops

Part Number	Description
E-POLE-MMST	Manual Mast, pole assembly only



E-POLE-MMST



E-4500-MMST




# Extenda-Lite® PL-Series Lights & Extenda-POD

## PL-Series

Heavy-Duty Portable Hand Lights designed to provide effective portable lighting where you need it.

- Superior powder coated aluminum construction
- Available with Stonco, North Star, Night Breaker and Beta light heads (Not recommended for use in 12 V applications)
- UL listed with Stonco and North Star light heads
- Heavy-duty chrome-plated wire guard - not standard on all
- Standard with prewired 12" pigtail and L5-15 (110 V)
- Meets NFPA requirements
- Triangle base for added stability

### Additional Options

Option	Photo	Description
PLMT	 <p>PL Series Light Base</p> <p>PL Series Light Base</p>	PL-Light Mounting Bracket



ALL 110 & 220 Volt  
EXTENDA-LITES use  
2-Wire Plus Ground as  
Standard



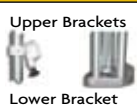

PLMT - can mount a PL Light on its side or upside down

## Extenda-POD

The Extenda-POD offers three lights in one. They can be truck mounted, portable, and have the tripod feature. Heavy-duty tripods engineered for maximum stability and durability while providing fully adjustable scene lighting from 3'-11' in height.

- Available in 5 sizes:
  - 72" - extends to 132" high
  - 64" - extends to 110" high
  - 55" - extends to 88" high
  - 43" extends to 73" high
  - 36" extends to 57" high
- Heavy-duty anodized aluminum poles & leg braces for extreme strength and durability
- Heavy-duty 1 1/4" anodized aluminum legs provide ultimate stability
- Twist lock for quick and easy height adjustment
- Available with any Akron Brass light head (not recommended for use in 12 volt applications)
- Can be used while mounted as a pull-up light

### Additional Options

Option	Photo	Description
POD-Bracket	 <p>Upper Brackets</p> <p>Lower Bracket</p>	3 piece tripod mounting system
POD-PL		PL-Series Light mounted on the Extenda-POD

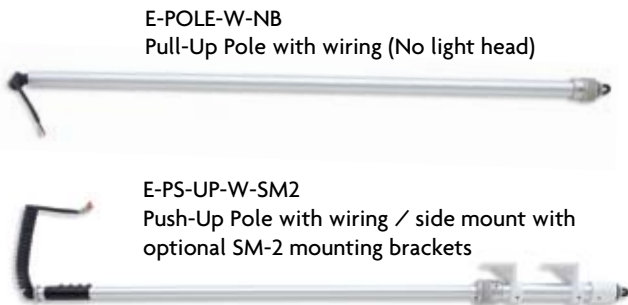


# Extenda-Lite® Pull-Up & Push-Up Lights

## Extenda-Lite® Pull-Up & Push-Up Lights

- Fully adjustable telescoping poles
- Pull-up Styles are standard with 58" outside poles and 48" inside poles
- Push-up Styles are standard with 11.5" outside poles and 60" inside poles
- Heavy-duty anodized aluminum poles
- Twist Lock for quick and easy height adjustment
- Internal coil cord (standard)
- External coil cord available at no charge
- Powder coated mounting brackets
- Available with any Akron Brass light head
- Can be provided as a pole only (less the light head and brackets)
- Custom sizes available

See page 106-107 for EXTENDA-LITE MOUNTING BRACKETS & additional options



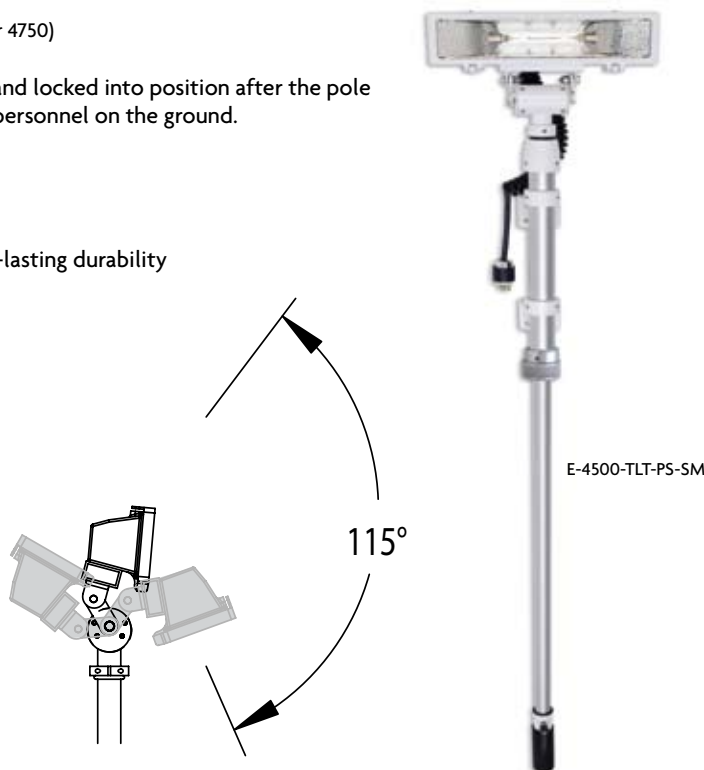
## Extenda-Lite® Push-Up Remote Tilt Light

E-\*TLT-PS-SM (\* Use Beta Series Light Number needed: 4300, 4500, 4650 or 4750)

This manually raised telescoping pole has been designed to be tilted and locked into position after the pole has been raised. This provides effective scene lighting while keeping personnel on the ground.

- Full tilt range in just a quarter handle turn
- Tilt range is adjustable
- 360° of rotation
- Poles are anodized, drawn, mechanically brushed aluminum for long-lasting durability
- Overall height of light is 77"
- 37.5" of vertical lift
- All components are anodized or powder coated
- Locking handle is designed to prevent seizure and over tightening
- 2" or 4" side mount brackets
- Uses Akron Brass Beta Series Light: 4300, 4500, 4650 or 4750
- 5 Year Warranty

See page 106-107 for EXTENDA-LITE MOUNTING BRACKETS & additional options



# Extenda-Lite® Air Operated




## Extenda-Lite® Air Operated Poles (AO)

Pneumatically raised telescoping pole designed to operate off the apparatus' air system and provide effective scene lighting while keeping firefighters off the top of the apparatus.

- Light head rotates left and right and up and down for maximum adjustability
- Heavy-duty anodized aluminum poles
- Weatherproof control box with built-in air controls
- Pressure switch inside the control box turns on the light when raised
- Internally coiled cord
- Available with any Akron Brass light head
- Can be fitted with other equipment such as: cameras, weather instruments, antennas or rotating lights

See page 106-107 for EXTENDA-LITE additional options

### Bracket Options

Option	Photo	Description
SM-2-LC		Side Mounting Bracket with lock. Holds any pole 2 1/8" away from body. Designed for use with Air Operated Poles
TM-LC		Top Mounting Bracket with lock collar. Designed for use with Air Operated Poles
SM-4-LC		Side Mounting Bracket with lock. Holds any pole 4 1/4" away from body. Designed for use with Air Operated Poles



## Extenda-Lite® XL

### E-3POLE-AO-W

This pneumatically raised telescoping pole has been designed to operate off the apparatus' air system. The XL pole assembly takes Akron Brass to new heights with an extended height of 14'.

- Internally wired
- Air operated with control box included
- Collapsed height of 6.5' (pole only)
- Extended height of 14' (pole only)
- Lifting capacity of 20 lbs.
- Outside pole has an extremely small diameter of 2.4" without sacrificing strength
- Outside pole and lock collars are powder coated for durability
- Inside poles are anodized for a long wear life
- All hardware is stainless steel
- Pole assembly weighs just 35 lbs.
- Pole can be set up in 30 seconds
- Any two (2) Stonco, Beta or 5500 light heads
- One (1) NightBreaker HID (5150) or one (1) SuperLight
- Optional envelope light available
- Pole only for antenna or specialty equipment mounting location
- 5 Year Warranty





# Extenda-Lite® Lights

## 360° Strobe Light

Akron Brass has added to its extensive Extenda-Lite® product offering with the 360° Strobe Light. This light is perfect for marking incident command, staging, or even for designating a rehab area. It can be wired for either a double flash or a quad flash. The 360° Strobe Light comes in green, amber, clear and red. Like all Akron Brass light products, the strobe is designed to perform reliably through years of service.

- 2 flash patterns: Double or Quad
- Powder coated body with stainless steel hardware
- Low profile strobe is only 4.8" high
- 360° of visibility

### Sample configurations:

- E-WS360-PS-SM Push-Up with 360° Strobe
- E-WS360-TM Top Mount with 360° Strobe
- E-WS360-FM Flush Mount with 360° Strobe
- E-WS360-SM Side Mount with 360° Strobe

Item	Description
WS360-GRN	360° Strobe Light, Green
WS360-AMB	360° Strobe Light, Amber
WS360-CLR	360° Strobe Light, Clear
WS360-RED	360° Strobe Light, Red



E-WS360-PS-SM

## Extenda-Lite Swiveling Bases (SB)

Akron Brass' non-telescoping swivel bases provide a permanently mounted scene light designed to rotate 350° while still allowing the light head to be tilted up or down.

- Hand knobs for quick and easy swivel adjustment
- Powder coated mounting brackets
- Available with SM-4 or SM-2 offset bracket
- Available with any Akron Brass light heads



E-500-SB  
Swivel Base with  
Stonco light head



E-12V1-SB-SM4  
Swivel Base with  
12 Volt Light head  
& Side Mount SM-4  
Mounting Bracket

## Recessed & Brow Lights

Akron Brass' Recessed Beta and Beta Brow are designed for compact apparatus perimeter lighting.

### Recessed Light (RM)

- Recessed within the apparatus body panel
- Mounts with less than 2" of depth
- Completely accessible from the front for easy bulb replacement
- Available in either 0 or 16 degree settings
- Low operating temperatures
- 15" W x 5 1/8" H x 15 7/8" D



E-4500-CB  
with QST Bracket Option



E-4650-RM-16  
Recessed Beta Light

### Beta Brow Light (BL) (BLR)

- Exterior mounted
- Universal mounting brackets
- Can be set to any desired angle
- Various mounting positions
- Completely accessible from the front for easy bulb replacement
- Model BLR offers concealed wiring with easy access



E-4500-BL  
with Brow Shield Option



E-4500-BL  
Beta Brow Light

### Beta Brow Shield (BBS)

- Reduces cab glare
- Works with all available Beta brow lights

## Extenda-Lite Ordering Information

To order simply choose one from column **A** (Light Head, pages 56-57), one from column **B** (Style/Bracket, pages 58-64) & any additional options from column **C** (Options, page 65)

**A**

**B**

**C**

Light Head	Light Style/Brackets	Description	Options	Description
150*	PL	Portable Light	DH	Dual Head
300/110*	SM2	Pull-Up w/ 2" Side Mount Brackets	HC-2	Handle Cup w/ 2" Offset ^
300/220*	SM4	Pull-Up w/ 4" Side Mount Brackets	HC-4	Handle Cup w/ 4" Offset ^
500/110*	FM	Pull-Up w/ Flush Mount Brackets	NM-2	No Mark Kit for 2" brackets ^
500/220*	TM	Pull-Up w/ Top Mount Brackets	NM-4	No Mark Kit for 4" brackets ^
650**	EX	Pull-Up w/ Extrusion Mount Brackets	POD-Bracket	3 Piece Tripod Mounting System 1"
750**	NB	Pull-Up w/ No Brackets	POD-Bracket-Long	3 Piece Tripod Mounting System 3"
1000/110	PS-SM2	Push-Up w/ 2" Side Mount Brackets	SC	Stop Collar
1000/220	PS-SM4	Push-Up w/ 4" Side Mount Brackets	WO	Wire out the top
1500/110	PS-TR	Push-Up w/ Thru Roof Mount Brackets	WG	Wire Guard
1500/220	POLE-PL-SM2	Pull-Up w/ 2" Side Mount Brackets & Removeable PL Light	SW	Switch for Light Head
12V1	POLE-PL-SM4	Pull-Up w/ 4" Side Mount Brackets & Removeable PL Light	UI	Up Indicator Switch
12V2	POLE-PL-FM	Pull-Up w/ Flush Mount Brackets & Removeable PL Light	AO	Air Operated
DM	POLE-PL-TM	Pull-Up w/ Top Mount Brackets & Removeable PL Light	KO	Knurled Outside Pole (Pull Up Only)
4150	POLE-PL-EX	Pull-Up w/ Extrusion Mount Brackets & Removeable PL Light	PLMT	Portable Light Mounting Bracket
4300	POLE-PL-NB	Pull-Up w/ No Brackets & Removeable PL Light		
4500	PS-UP-PL-SM2	Push-Up w/ 2" Side Mount Brackets & Removeable PL Light		
4750	PS-UP-PL-SM4	Push-Up w/ 4" Side Mount Brackets & Removeable PL Light		
5150	PS-UP-PL-TR	Push-Up w/ Thru Roof Mount Brackets & Removeable PL Light		
5300	POD	Tripod		
5500	POD-PL	Tripod & Removeable PL Light		
5750	SB	Swivel Base		
1000/120-MH	SB-SM2	Swivel Base w/ 2" Side Mount Bracket		
1000/240-MH	SB-SM4	Swivel Base w/ 4" Side Mount Bracket		
2000	SB-PL	Swivel Base & Removeable PL Light		
	SB-SM2-PL	Swivel Base w/ 2" Side Mount Bracket & Removeable PL Light		
	SB-SM4-PL	Swivel Base w/ 4" Side Mount Bracket & Removeable PL Light		
	RM-0	Recess Mount w/ 0 Degree Angle (Beta Light Only)		
	RM-16	Recess Mount w/ 16 Degree Angle (Beta Light Only)		
	BL	Brow Light (Beta Light Only)		
	TLT-SM2	Tilt with 2" Side Mount Bracket		
	TLT-SM4	Tilt with 4" Side Mount Bracket		

^ Available with Push-Up Poles only

\* Stonco housing is standard but also available in North Star upon request.

\*\* Not available in Stonco light heads.

All light product item numbers begin with "E" for "Extenda-Lite"

- To order pole only, do not include column "A" (see page 59).

Example 1: E-500-SM2-UI

500 watt Stonco light with Pull-Up Poles & SM2 Brackets and a Up Indicator

**E - 500 - SM2 - UI = E-500-SM2-UI**  
**A B C**

Example 2: E-650-SM4-DH-UI-SW

650 watt Norh Star light with Dual Head, Up Indicator & Switch

**E - 650 - SM4 - DH - UI - SW = E-650-SM4-DH-UI-SW**  
**A B C C C**



# Extenda-Lite<sup>®</sup> Lighting Options

## Extenda-Lite Mounting Bracket Options



**SM-2**  
Side Mount Bracket  
2 1/8" Offset



**SM-4**  
Side Mount Bracket  
4 1/4" Offset



**FM**  
Flush Mount  
Bracket



**FM-Spacer**  
Spacer for Flush  
Mount 1/2" Thick



**TM**  
Top Mount  
Bracket



**TR**  
Through the  
Roof Bracket



**HC-2**  
Handle Cup for Push-Up  
Lights with 2 1/8" Offset



**HC-4**  
Handle Cup for Push-Up  
Lights with 4 1/4" Offset



**HC-2SC**  
Handle Cup with  
Stop 2 1/8" Offset



**HC-4SC**  
Handle Cup with  
Stop 4 1/4" Offset



**TL**  
Locking Collar



**TLC**  
Tripod Locking Collar



**LC**  
Locking Collar (available upon request)



Extenda-Lite Additional Options



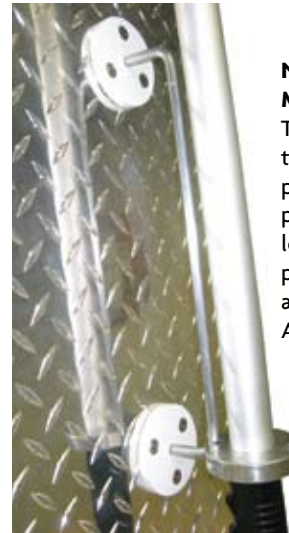
**WG**  
Chrome Plated  
Wire Guard



**KO**  
Knurled Outside Pole  
(pull-up only)



**SW**  
Switch for Light Head  
(Includes rubber boot)



**NM-2**  
**MN-4**  
The No Mark Kit maintains the light head in a preset position while the push-up pole is being raised and lowered preventing potential scratching of the apparatus cab or body. Available in 2" or 4".



**UI**  
Up Indicator Switch



**UI-PS**  
Up Indicator Switch  
For Push-Up Light



**UI-EX**  
Up indicator switch for  
extrusion light



**DH**  
Any two standard  
Extenda-Lite heads  
mounted on a 2"  
aluminum cross bar.  
Two heads  
independently swivel.



**PL-Pole-MT**  
PL-Series Light mounted  
on the Extenda-POD



**WO**  
Wire Out the  
Top of the Pole



**SC**  
Stop Collar (2 Pieces)  
For Inside Pole

**SC-171**  
Stop Collar (2 pieces)  
for outside pole. Air  
operated only.

# Generators & Pumps

## Yamaha Water Pumps

Yamaha pumps are quiet, rugged, reliable, and have the muscle to move water. These durable pumps deliver high-volume/low-pressure for rapid water transfer or de-watering, and do so by means of powerful and fuel efficient Yamaha 4-stroke engines. Yamaha pumps are self-priming and feature conveniences such as automatic oil warning systems, cast iron volute and impeller, and easy hose connections to make operation easy and efficient.

- Self priming
- Carbon ceramic seats
- Yamaha OHV engine (Overhead Valve)
- Auto-decompression
- Oil watch warning system

Style	Flow		Discharge	Dimensions	Weight lbs. (kg)
	GPM	LPM			
YP20G	160	9600	2" NPT (51 mm)	15 1/2" L x 18 1/4" W x 18" H (394 x 464 x 457 mm)	60 (27.2 kg)
YP30G	260	980	3" NPT (76 mm)	15 3/4" L x 20 1/2" W x 18 1/2" H (400 x 520 x 470 mm)	66 (30 kg)



YP20G



YP30G

## Yamaha Inverter Generators

Yamaha's Inverter Series of generators are the most reliable and performance enhancing features such as Inverter Technology produce high-quality power with virtually silent operation for transport. Every Inverter Series generator also includes a low oil warning system for long life and added peace of mind. Yamaha Inverter generators are ready, willing and able to tackle the widest variety of tasks.

- Simultaneous AC/DC Use
- Smart throttle (for load dependent operation)
- Inverter system with pulse width modulation
- USFS approved spark arrestor muffler
- 12V battery charging system
- Oil watch warning system

Style	Max Wattage	Rated Wattage	Dimensions	Weight lbs. (kg)
EF1000iS	1000	900	17 3/4" L x 9 1/2" W x 15" H (450 x 241 x 381 mm)	28 (12.7 kg)
EF2800i	2800	2500	19" L x 15 1/2" W x 16 3/4" H (483 x 39.4 x 425 mm)	64 (29 kg)

### EF1000iS

- A miniature powerhouse at your fingertips
- Compact lightweight design / easy to carry
- Includes DC charging cords

### EF2800i

- Compact lightweight design / easy to carry
- Centralized control panel

EF1000iS



EF2800i

## Yamaha Premium Series Generators

Yamaha's Premium Series Generators deliver an unbeatable combination of power and performance... all in a quiet, compact design. These dependable units incorporate many features you would expect from Yamaha: quiet operation, high quality power output, continuous operation capabilities, and durable construction. Yamaha Premium Series Generators are powered by reliable Yamaha engines and include a large capacity muffler, low oil warning system, electric start, brushless alternator, non-fused thermal breakers, large capacity fuel tank, 120/240V continuous full power dual voltage and automatic choke and decompression. Yamaha's Premium Series generators are powerful, hard-working generators that are easy on your ears. (See Page 167-168 for More Information and Specifications)

- Dual voltage 120/240V
- Yamaha OHV engine (overhead valve)
- Electric start (transistor controlled ignition)
- Auto-choke & decompression
- Fuel gauge & voltmeter
- USFS approved spark arrestor muffler
- Oil watch warning system

### Additional Options:

- Remote start
- Hour meter/tachometer
- Multi-fuel conversion kits
- Wheel kit
- Cover

### EF4000DE

- Compact design / easy carrying

### EF5200DE & EF6600DE

- Auto voltage regulation



EF4000DE



EF6600DE

Style	Max Wattage	Rated Wattage	Dimensions	Weight lbs. (kg)
EF4000DE	4000	3500	26 1/2" L x 20 3/4" W x 20" H (673 x 527 x 508 mm)	146 (66.3 kg)
EF5200DE	5200	4500	30" L x 20 1/2" W x 20" H (762 x 521 x 508 mm)	192 (87 kg)
EF6600DE	6600	6000	30" L x 20 1/2" W x 20" H (762 x 521 x 508 mm)	192 (87 kg)

## Yamaha Industrial Series Generators

Yamaha Industrial Series Generators are designed for rugged, durable, hard-working performance, and feature many of the same characteristics of the Premium Generators. These generators provide everything you want in a generator: high power output and quiet operation, all in a compact design. Yamaha Industrial Generators are available in 4000, 5200 and 6600 Watts. (See Page 167-168 for More Information and Specifications)

- Dual voltage 120/240V
- Yamaha OHV engine (Overhead Valve)
- Ground Fault Circuit Interrupter (G.F.C.I.) Standard
- Auto-choke & decompression
- USFS approved spark arrestor muffler
- Oil watch warning system



YG6600DE

Style	Max Wattage	Rated Wattage	Dimensions	Weight lbs. (kg)
YG4000D	4000	3500	23" L x 20 3/4" W x 22" H (584 x 527 x 559 mm)	132 (59.9 kg)
YG5200D	5200	4500	26 1/2" L x 20" W x 22" H (673 x 508 x 559 mm)	183 (83 kg)
YG6600D	6600	6000	26 1/2" L x 20" W x 22" H (673 x 508 x 559 mm)	185 (83.9 kg)
YG6600DE*	6600	6000	26 1/2" L x 20" W x 22" H (673 x 508 x 559 mm)	198 (89.9 kg)

\* Electric start

Note: The EF4000DE, EF5200DE, EF6600DE, YG6600DE generators come with a removable battery tray. Battery must be purchased separately. Yamaha Battery Part number BTG-C60Ns-4L-AO. Dimensions listed do not include battery tray.





## Generator Light Kits

Our Generator Light Kits incorporate a portable generator with an Akron Brass Light Head, providing a versatile portable light. These kits make it easy to light areas of a structure where typical fixed lights can not reach, or enables the release of apparatus back into service as their onboard generators and lighting are no longer needed at the emergency scene.

- 120V AC with ON/OFF switch
- Powder coated mounting brackets
- Hand knobs for quick and easy adjustment
- DC charging cord standard with Yamaha EF1000i generators
- Available as a light kit for Yamaha or Honda Generators
- Available with any Akron Brass 300, 500, 650, or 750 Watt halogen light head

### Additional Options

- Heavy-duty chrome-plated wire guard
- Light kits with a Honda EU1000i or EU2000i generator (Light kits with EU2000i generators can utilize an Akron Brass 1000 or 1500Watt Halogen light head)



YG-500i  
Generator light kit with EF1000iS  
Yamaha generator & Stonco light head



HK-500-LKi



HG2-1500i  
Generator light kit with  
EU2000 Honda generator  
and Stonco light head



YK-4750-LKi



YG-4750i  
Generator light kit with  
EF1000iS Yamaha generator  
and Beta light head

# Electrical Supply

## Heavy Duty Extension Cord

Akron Brass' Heavy Duty Power Cord is ideal for use with all your portable electrical requirements. This Seoprene 105 power cord is offered in either Black or Yellow colored jackets, 300 or 600-volt construction, custom lengths, and your choice of grounded plugs and connectors. Akron's Heavy Duty Cords are ideal for use on fire grounds, rescue scenes or any place you require durable, high quality, power cords.

- Superior durability
- Water & oil resistant
- UL listed
- CSA approved STW or SJTW
- MSHA approved for flame resistance
- Meets Federal Spec. JC-580B



Black Extension Cord



Yellow Extension Cord

The yellow cord has better visibility and is 25% more abrasion resistant

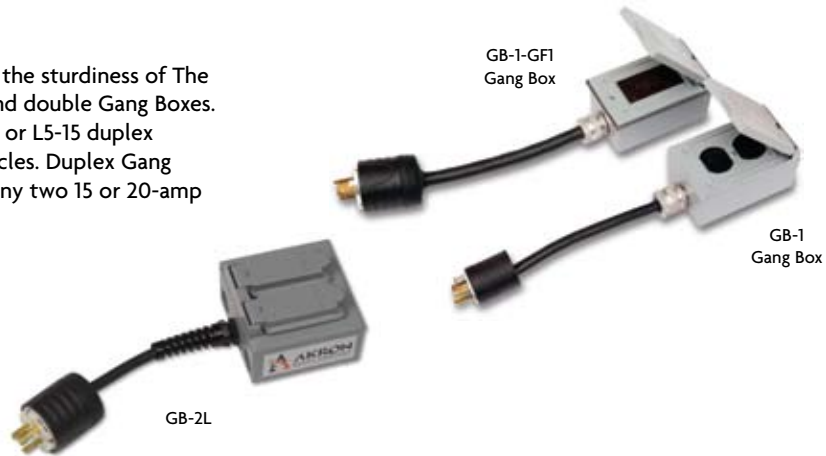
P/N	Wire Gauge	Voltage	Wire Type	Normal Od	Wt. Per 100'	Color
143B300	14/3	300	SJEOW	.370 (9 mm)	8#	Black
123B300	12/3	300	SJEOW	.435 (11 mm)	12#	Black
103B300	10/3	300	SJEOW	.580 (15 mm)	20#	Black
143B600	14/3	600	SEOW	.525 (13 mm)	14#	Black
123B600	12/3	600	SEOW	.595 (15 mm)	19#	Black
103B600	10/3	600	SEOW	.655 (17 mm)	24#	Black
104B600	10/4	600	SEOW	.705 (18 mm)	30#	Black
083B600	8/3	600	SEOW	.700 (18 mm)	33	Black
084B600	8/4	600	SEOW	.783 (20 mm)	43	Black
143Y300	14/3	300	SJEOW	.391 (10 mm)	8#	Yellow
123Y300	12/3	300	SJEOW	.460 (12 mm)	12#	Yellow
103Y300	10/3	300	SJEOW	.599 (15 mm)	20#	Yellow
143Y600	14/3	600	SEOW	.556 (14 mm)	14#	Yellow
123Y600	12/3	600	SEOW	.635 (16 mm)	19#	Yellow
103Y600	10/3	600	SEOW	.695 (18 mm)	24#	Yellow
104Y600	10/4	600	SEOW	.735 (19 mm)	30#	Yellow
083Y600	8/3	600	SEOW	.742 (19 mm)	33	Yellow
084Y600	8/4	600	SEOW	.830 (21 mm)	43	Yellow

## Circuit Ampacity / Cord Length

Circuit Ampacity	50 Ft (15m)	100 Ft (30m)	150 Ft (45m)	200 Ft (60m)	250 Ft (75m)	300 Ft (90m)
5	16	16	16	16	16	14
7.5	16	16	16	16	16	14
10	16	16	16	16	14	14
15	14	14	14	14	12	12
20	12	12	12	12	12	10
25	12	12	12	12	10	10
30	10	10	10	10	10	10
35	8	8	8	8	8	8
40	8	8	8	8	8	8
50	6	6	6	6	6	6

## Gang Boxes

For the departments that do not require the sturdiness of The Junction Box, Akron Brass offers single and double Gang Boxes. Single Gang Boxes are available with 5-15 or L5-15 duplex receptacles or 5-20 GFCI duplex receptacles. Duplex Gang Boxes are available with your choice of any two 15 or 20-amp straight blade or twist lock receptacles.



## Pigtails

Let Akron Brass make pigtails for your equipment. We offer a wide selection of plugs and connectors to create the perfect pigtail for your apparatus shoreline or pigtails to match neighboring departments. (Caution: There is a risk of overrating the plugs or connectors when two different amperages are used.)



# Junction Box

The Akron Brass Junction Box is a must have on every apparatus, as it provides easy distribution of power for all your electrical needs on the fire ground. The Junction Box's durable design utilizes a heavy duty powder coated aluminum housing with a large integral handle and internally backlit faceplates. This makes the Junction Box easy to carry with excellent visibility, allowing easy electrical connection in the darkest conditions. Akron Brass Junction Boxes can be custom configured to meet your department's needs. Inlet options include: a flanged inlet plug, a 12" pigtail with any grounded NEMA plug configurations, or pre-wired for hard wiring the unit onto a cord reel or electrical cord set. Outlet receptacle options include any NEMA configurations for each of the four receptacles.

- Durable powder coated aluminum construction
- Backlit faceplates
- Custom configurations
- Easy to carry
- UL listed plugs and receptacles
- Meets NFPA requirements
- 9 1/4" L x 5 1/2" W x 8 1/2" H
- Standard color: Gray unless specified

#### Additional Options

- 30 Amp or dual inlet configurations
- GFCI protected receptacles
- 15, 20 or 30 amp circuit breakers
- Custom powder paint (yellow, red, white, or black)
- Rubber feet
- Wire mesh cord grip



EJB-MT - can mount a Junction Box on its side or upside down



Junction Box with EJB-VMT Mounting Bracket



Junction Box with EJB-MT Mounting Bracket

Junction Box with EJB-HMT Mounting Bracket

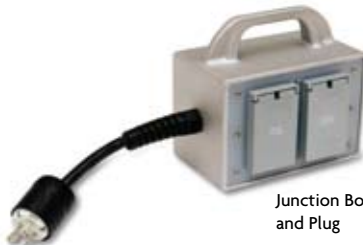


Junction Box ready for Direct Wiring



EJB-HANGER Junction Box Hanger

EJB-CUSTOM-CB Junction Box with 4 circuit breakers




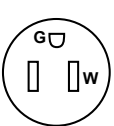
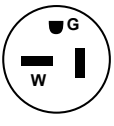
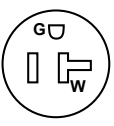




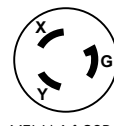



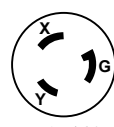




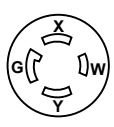


Junction Box with Pigtail and Plug

#### JUNCTION BOX OPTIONS

JUNCTION BOX OPTIONS	
EJB- MT	Apparatus Mounting Bracket Set
EJB-VMT	Vertical Mounting Bracket, powder painted White (Black, Yellow or Red available upon request)
EJB-VMT-TP	Aluminum treadplate vertical mounting bracket
EJB-HMT	Horizontal Mounting Bracket, powder painted White (Black, Yellow or Red available upon request)
EJB-HMT-TP	Aluminum treadplate horizontal mounting bracket
EJB-Hanger	Junction Box Hanging Strap; allows hanging on ladders, out of water.
EJB-GFI	Household duplex receptacle (Note: The GFCI receptacle will be wired first making all down stream receptacles protected unless requested otherwise).
BK-1	First circuit breaker with weatherproof snap cover; specify 15, 20 or 30 amp (Not available with EJB-MT).
BK-2-3-4	Second, third and fourth circuit breaker after the first breaker is ordered.
EJB-RF	Four black rubber feet on bottom of the Junction Box
EJB-PP	Powder coating the Junction Box; specify Yellow, Red, White or Black.
134-CG	One foot pigtail with a wire mesh cord grip; replaces standard stain relief.
L5-30 or L6-30	3-wire, 30 AMP plug, receptacle or recessed flanged inlet
L14-20	4-wire, 20 AMP plug, receptacle or recessed flanged inlet
L14-30	4-wire, 30 AMP plug, receptacle or recessed flanged inlet





NEMA Number Plug	NEMA Number Connector	P/N	Description	
 NEMA 5-15P		202-PG	Household plug	15 AMP, 125V
		212-CN	Household connector	15 AMP, 125V
		222-R	Household single receptacle	15 AMP, 125V
		222-R/D	Household duplex receptacle	15 AMP, 125V
		232-FI	Household flanged inlet plug	15 AMP, 125V
 NEMA 5-20P		209-PG	Household plug	20 AMP, 125V
		219-CN	Household connector	20 AMP, 125V
		229-R	Household single receptacle	20 AMP, 125V
		229-R/D	Household duplex receptacle	20 AMP, 125V
		239-FI	Household flanged inlet plug	20 AMP, 125V
 NEMA L5-15P		203-PG	Twist lock plug	15 AMP, 125V
		213-CN	Twist lock connector	15 AMP, 125V
		223-R	Twist lock single receptacle	15 AMP, 125V
		223-R/D	Twist lock duplex receptacle	15 AMP, 125V
		233-FI	Twist lock flanged inlet plug	15 AMP, 125V
 NEMA L5-20P		204-PG	Twist lock plug	20 AMP, 125V
		214-CN	Twist lock connector	20 AMP, 125V
		224-R	Twist lock single receptacle	20 AMP, 125V
		234-FI	Twist lock flanged inlet plug	20 AMP, 125V
 NEMA L6-20P		205-PG	Twist lock plug	20 AMP, 250V
		215-CN	Twist lock connector	20 AMP, 250V
		225-R	Twist lock single receptacle	20 AMP, 250V
		235-FI	Twist lock flanged inlet plug	20 AMP, 250V
 NEMA L5-30P		208-PG	Twist lock plug	30 AMP, 125V
		218-CN	Twist lock connector	30 AMP, 125V
		228-R	Twist lock single receptacle	30 AMP, 125V
		238-FI	Twist lock flanged inlet plug	30 AMP, 125V
 NEMA L6-30P		206-PG	Twist lock plug	30 AMP, 250V
		216-CN	Twist lock connector	30 AMP, 250V
		226-R	Twist lock single receptacle	30 AMP, 250V
		236-FI	Twist lock flanged inlet plug	30 AMP, 250V
 NEMA L14-20P		701-PG	Twist lock plug	20 AMP, 125/250V
		711-CN	Twist lock connector	20 AMP, 125/250V
		721-R	Twist lock single receptacle	20 AMP, 125/250V
		731-FI	Twist lock flanged inlet plug	20 AMP, 125/250V
 NEMA L14-30P		703-PG	Twist lock plug	30 AMP, 125/250V
		713-CN	Twist lock connector	30 AMP, 125/250V
		723-R	Twist lock single receptacle	30 AMP, 125/250V
		733-FI	Twist lock flanged inlet plug	30 AMP, 125/250V
 WEATHER PROOF PLUG & COVER	 WEATHER PROOF CONNECTOR COVERS	150-RB	15 AMP connector boot	15 AMP
		151-RB	15 AMP plug boot	15 AMP
		152-RB	20/30 AMP connector boot	20/30 AMP
		153-RB	20/30 AMP plug boot	20/30 AMP



# Reels



Akron Brass manufactures a full line of heavy-duty reels to handle electric cord, air, hydraulic, foam, and water lines. They feature protective chain guards and universal frames to allow flexibility in motor placement. The reels can be attached to the floor, rear wall, or even the ceiling of compartments and enclosures to best fit the space available.

All Akron reels meet NFPA standards and have been tested with 2-to-1 safety factors to withstand momentary pressure overloads. They all carry 5 year warranties.

All cord reels are internally grounded for added safety, don't take a chance demand Akron Brass Reels.



**Internally Grounded**

All Akron Brass Cord Reels Are Internally Grounded For Added Safety.







Akron Brass Cord Reels are the ultimate in managing portable power cords. The Cord Reel allows for fast, easy deployment and retraction of extension cords without the hassle of twisting or knotting. Akron Cord Reels are available in Live and Non-Live configurations.

- All live reels are internally grounded
- Available in 3 sizes 10", 15" & 18"
- Heavy-duty construction
- Powder coated
- Live slip ring design
- Adjustable tension nut
- 6' direct wire pigtail (10/3 Black)
- Meets NFPA requirements



ECR-MT  
Cord Reel  
mounting brackets

ECR-15  
15" Cord Reel with  
optional yellow  
cord



ECR-10-GB  
10" Live Cord Reel with  
gang box



### Additional Options

- NEMA configuration connectors
- Heavy-duty cord & connectors (custom lengths)
- ECR-MT Cord Reel Mounting Bracket

**ECR-18, ECR-15, & ECR-10** are live cord reels allowing continuous power to the cord as it is deployed or retracted while providing excellent storage and organization of extension cords.

**NCR-18, NCR-15, & NCR-10** are non-live cord reels providing excellent storage and organization of extension cords.

**NCR-18-GB, NCR-15-GB, & NCR-10-GB** are non-live cord reels with a gang box permanently mounted to the reel. Simply plug the cord into a receptacle and carry the reel to the fire ground or work site.

**ECR-18-GB, ECR-15-GB, & ECR-10-GB** are live cord reels with a gang box permanently mounted to the axle. Simply plug the cord into a receptacle and carry the reel to the fire ground or work site.

**NCR-18-LH, NCR-15-LH, and NCR-10-LH** are non-live cord reels, designed to be used as a live reel. Simply unwind as much cord as needed while still having the capabilities of plugging the cord in. The "L" hooks allow for the pigtail to be secured while the reel is being turned.

**Cord Reel Lights** are reverse wired live cord reels, which allows a plug on the cord to be plugged into a power source while the Cord Reel Light is carried to the fire ground or work site. The Cord Reel Light allows the scene to be illuminated while providing a receptacle for additional tools or lights. Akron Brass' Cord Reel Lights come in several variations with either 500 or 750 Watt low profile Beta Light heads.

Improved  
tilt angle

LED Indicator  
Light

On/Off Light  
Switch

Nonslip Feet

ECR-10-4500  
10" Cord Reel  
Light with  
optional  
yellow cord



NCR-18  
18" Non-Live Cord  
Reel



18" Cord Reel

15" Cord Reel

10" Cord Reel



### Cord Reel Lights

P/N	Description
ECR-10-4500	10" (254 mm) Live Cord Reel with Beta 4500 Light and Gang Box
ECR-10-4750	10" (254 mm) Live Cord Reel with Beta 4750 Light and Gang Box
ECR-15-4500	15" (381 mm) Live Cord Reel with Beta 4500 Light and Gang Box
ECR-15-4750	15" (381 mm) Live Cord Reel with Beta 4750 Light and Gang Box
ECR-18-4500	18" (457 mm) Live Cord Reel with Beta 4500 Light and Gang Box
ECR-18-4750	18" (457 mm) Live Cord Reel with Beta 4750 Light and Gang Box

Cord Type	10" Cord Reel Capacity	Weight W/cord	15" Cord Reel Capacity	Weight W/cord	18" Cord Reel Capacity	Weight W/cord
14/3-300 Volt	150' (45.7 m)	22# (10 kg)	300' (91.5 m)	46# (20.1 kg)	450' (137 m)	61# (27.7 kg)
12/3-300 Volt	100' (30.5 m)	22# (10 kg)	200' (61 m)	46# (20.1 kg)	300' (91.5 m)	61# (27.7 kg)
10/3-300 Volt	N/A	N/A	100' (30.5 m)	42# (19 kg)	175' (53.3 m)	60# (27.2 kg)
14/3-600 Volt	50 (15.2 m)	17# (7.7 kg)	125' (38 m)	37# (16.8 kg)	225' (68.7 m)	54# (24.5 kg)
12/3-600 Volt	N/A	N/A	100' (30.5 m)	41# (18.6 kg)	150' (46 m)	54# (24.5 kg)
10/3-600 Volt	N/A	N/A	75' (22.8 m)	40# (18.1 kg)	100' (30.5 m)	49# (22.3 kg)
10/4-600 Volt	N/A	N/A	N/A	N/A	100' (30.5 m)	50# (22.7 kg)

NCR-18-GB  
18" Non-Live  
Cord Reel with  
a gang box





# Electric Rewind Reels

These reels are built to Akron Brass' standard of performance and reliability. They have a powder coated finish and stainless steel hardware for years of durable service life. In addition, these new reels are some of the most versatile reels available. If the desired motor location is known, simply specify and we will ship the reel ready to mount. They can be mounted on the floor, back wall or even the ceiling of any compartment. The guide rollers can be ordered in various configurations to make sure the cord or hose wraps correctly no matter where the reel is mounted.

## Electric Rewind Cord Reel

ERWC-15-10, ERWC-16-6, ERWC-10-16 & ERWC-10-28

The Electric Rewind Cord Reel is a natural extension of our current line of power distribution equipment. This reel contains many great features including:

- Internally grounded
- Heavy-duty construction for durability
- All stainless steel hardware and rollers
- Powder coated finish, standard colors are red and silver (Custom colors available upon request) - Must specify
- Rolled edge discs
- Universal frames for flexibility of installation (4 motor locations)
- Rear motor mount option for narrower profile; maximizes compartment space
- Removable hub for ease of installation
  - Hub is easily removed to mount frame to apparatus
- Live slip ring design
- Includes gang box attached to the commutator (not pictured)
- Custom length cords and connections available
- Meets NFPA requirements, allows for 10% overage of cord

See Page 177 for Cord Reel Dimensions & Options

### ERWC-15-10-RM

Shown with Optional Akron Brass Junction Box and Guide Roller

- Capacity:
  - o 250' of 12/3 600 volt wire
  - o 200' of 10/3 600 volt wire
  - o 200' of 10/4 600 volt wire



### ERWC-16-6

New compact configuration for use with limited compartment space.

Capacity:

- o 150' of 10/3 600 Volt Wire
- o 175' of 12/3 600 Volt Wire



### ERWC-10-16\*

New compact configuration for use with limited compartment space.

Capacity:

- o 100' of 10/3 600 Volt Wire
- o 150' of 12/3 600 Volt Wire

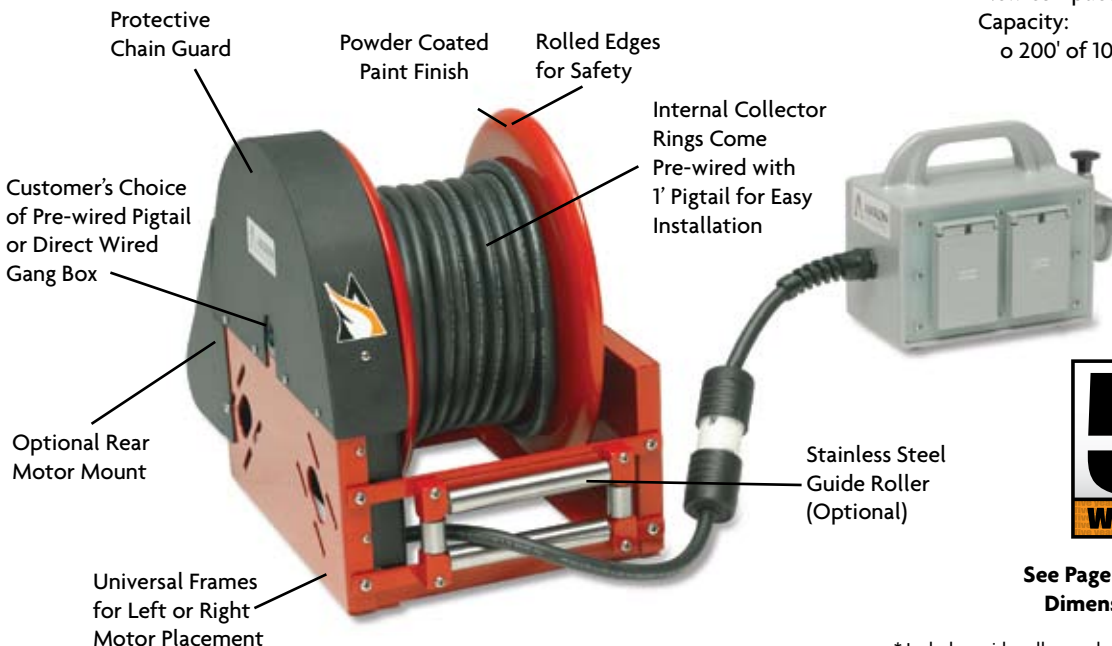


### ERWC-10-28

New compact configuration.

Capacity:

- o 200' of 10/3 600 Volt Wire



See Page 177 for Cord Reel Dimensions & Options

\* Includes guide rollers and speed control as standard

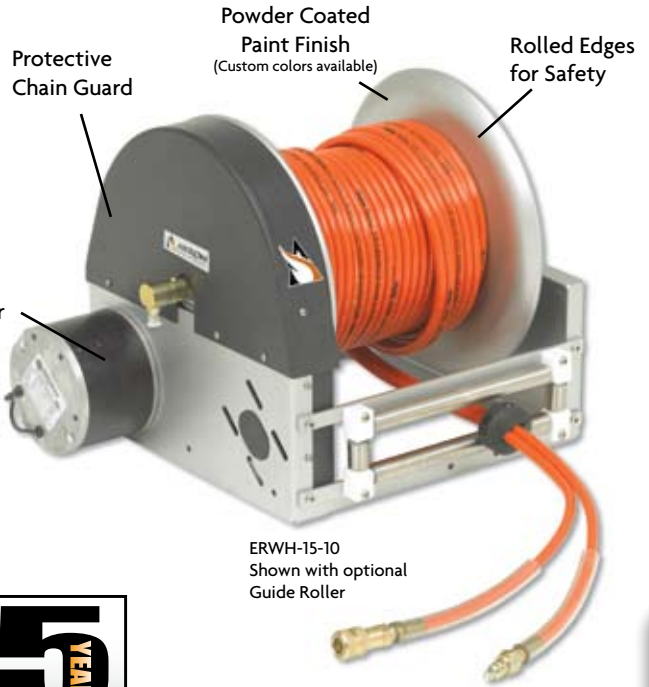
## Electric Rewind Hydraulic Reel

ERWH-15-10, ERWH-16-6, ERWH-10-16

The Electric Rewind Hydraulic Reel (ERWH) has many of the same features and durability as our Electric Rewind Cord Reel such as a powder coat finish, stainless steel hardware and ease with installation. This reel is equipped to handle 100' of 1/4" dual hydraulic hose and is available with pressure ratings up to 10,500 psi.

- Heavy-duty construction for durability
- All stainless steel hardware and rollers
- Powder coated finish, standard colors are red and silver (Custom colors available upon request) - Must specify
- Chrome plated option available
- Rolled edge discs
- Universal frames for flexibility of installation (4 motor locations)
- Rear motor mount option for narrower profile; maximizes compartment
- Removable hub for ease of installation
  - Hub is easily removed to mount frame to apparatus
- Inlet: 1/4" NPT female threads
- Outlet: #4 JIC male threads
- Hydraulic hose packages available
- Capacity: 100' twin 1/4" hydraulic hose
- Meets NFPA requirements, allows for 10% overage of hose
- Tested at a 2:1 safety factor

Reel Capacity Allows For **EXTRA 10%** Overage For NFPA Requirements



ERWH-15-10  
Shown with optional Guide Roller



See Page 177 for Cord Reel Dimensions & Options



**ERWH-16-6**  
New compact configuration for use with limited compartment space.  
Capacity:  
o 100' twin 1/4" hydraulic hose



**ERWH-10-16\***  
New compact configuration for use with limited compartment space.  
Capacity:  
o 100' twin 1/4" hydraulic hose

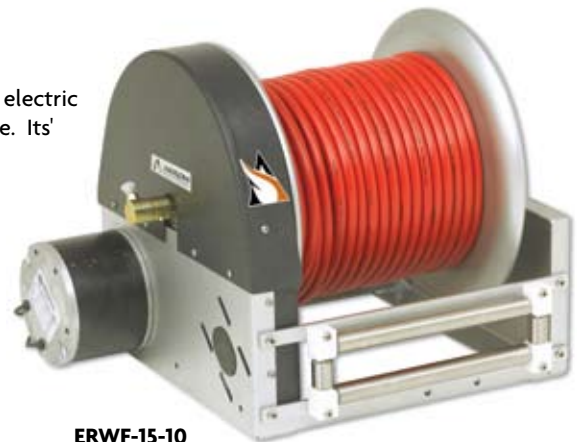
\* Includes guide rollers and speed control as standard

## Electric Rewind Foam Reel

ERWF-15-10

For your high pressure, low volume foam application; Akron Brass offers the electric foam reel. This reel is designed for pressures up to 3000 psi thru 3/8" ID hose. Its small size is ideal for your limited space applications.

- Heavy-duty construction for durability
- All stainless steel hardware and rollers
- Powder coated finish, standard colors are red and silver (Custom colors available upon request) - Must specify
- Chrome plated option available
- Rolled edge discs
- Universal frames for flexibility of installation (4 motor locations)
- Rear motor mount option for narrower profile; maximizes compartment space
- Removable hub for ease of installation
  - Hub can be rotated for left or right motor mount installations
  - Hub is easily removed to mount frame to apparatus
- Meets NFPA requirements, allows for 10% overage of hose
- Tested at a 2:1 safety factor



**ERWF-15-10**  
Shown with optional Guide Roller  
Capacity:  
o 250' of 3/8" foam hose

See Page 177 for Cord Reel Dimensions & Options



# Electric Rewind Reels

## Electric Rewind Air Reel

**ERWU-15-10; ERWHB-15-10; ERWU-10-16; ERWU-16-6;  
ERWHB-16-6; ERWHB-10-16**

The Electric Rewind Air Reels has many of the same features and durability as our Electric Rewind Cord Reel. These include a powder coated finish, stainless steel hardware and ease with installation. There are three versions: the utility air reel (ERWU) for air tools (300 PSI), the low pressure (3,000 PSI) breathing air reel (ERWLB) and the high pressure (6,000 PSI) breathing air reel (ERWHB).

- Heavy-duty construction for durability
- All stainless steel hardware and rollers
- Powder coated finish, standard colors are red and silver (Custom colors available upon request)
- Chrome plated option available
- Rolled edge discs
- Universal frames for flexibility of installation (4 motor locations)
- Rear motor mount option for narrower profile; maximizes compartment space
- Removable hub for ease of installation
  - Hub is easily removed to mount frame to apparatus
- Inlet: Utility air is 1/4" female NPT threads and breathing air is #4 JIC male threads
- Outlet: Utility air is 1/4" female NPT threads and breathing air is #4 JIC male threads
- Air hose packages available



Shown with  
Optional 45°  
Guide Roller

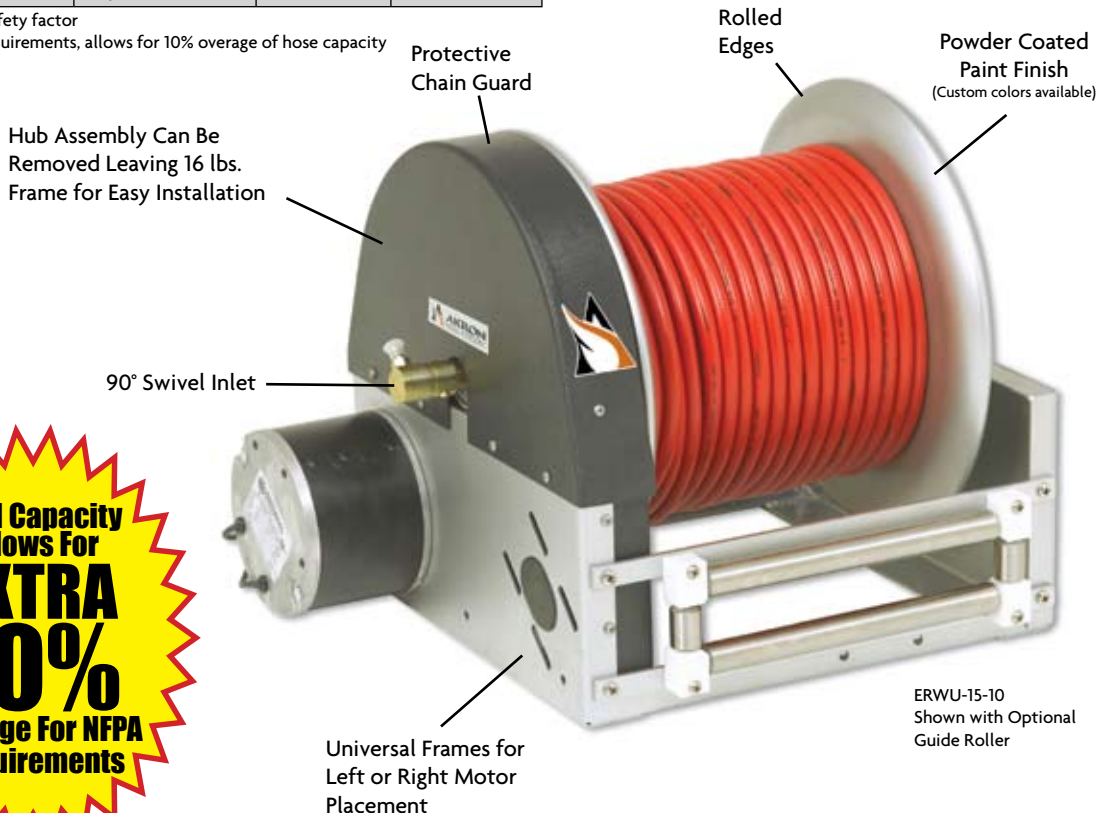


See Page 177 for Cord Reel  
Dimensions & Options

PART NUMBER	RATED PSI *	HOSE CAPACITY**	SIDE MOUNT MOTOR	REAR MOUNT MOTOR
ERWU-15-10	300	200' of 3/8" ID 150' of 1/2" ID	YES	YES
ERWHB-15-10	6000	Up to 300' of 1/4" ID	YES	YES
ERWU-16-6	300	150' of 3/8" ID 100' of 1/2" ID	YES	YES
ERWHB-16-6	6000	Up to 200' of 1/4" ID	YES	YES
ERWU-10-16	300	100' of 3/8" ID 50' of 1/2" ID	NO	YES
ERWHB-10-16	6000	Up to 150' of 1/4" ID	NO	YES

\* Tested at a 2:1 safety factor

\*\* Meets NFPA requirements, allows for 10% overage of hose capacity



Reel Capacity  
Allows For  
**EXTRA  
10%**  
Overage For NFPA  
Requirements



## Electric Rewind Booster Reel

ERWB-22-20, ERWB-24-20



The Electric Rewind Booster Reel was designed to be relatively lighter in weight without sacrificing reliability and durability.

- Heavy-duty construction for durability
- All stainless steel hardware
- Powder coated finish, standard colors are red and silver (Custom colors available upon request)
- Chrome plated option available
- Rolled edge discs
- Protective chain guard
- Meets NFPA requirements
- Standard inlet: 90° super swivel with 1" female NPT threads
- Standard outlet: 1" male NST threads (1 3/8" x 8 TPI)
- 1000 PSI pressure rating
- Hand crank & brake
- Two way hub
- Relatively lighter weight



### Additional Options:

- Control box for switch and breaker only
- Control box with solenoid, diode suppressor and speed control
- Control box with speed control only
- Spool and rollers: 1 set installed or two sets installed
- 1" NPSH outlets

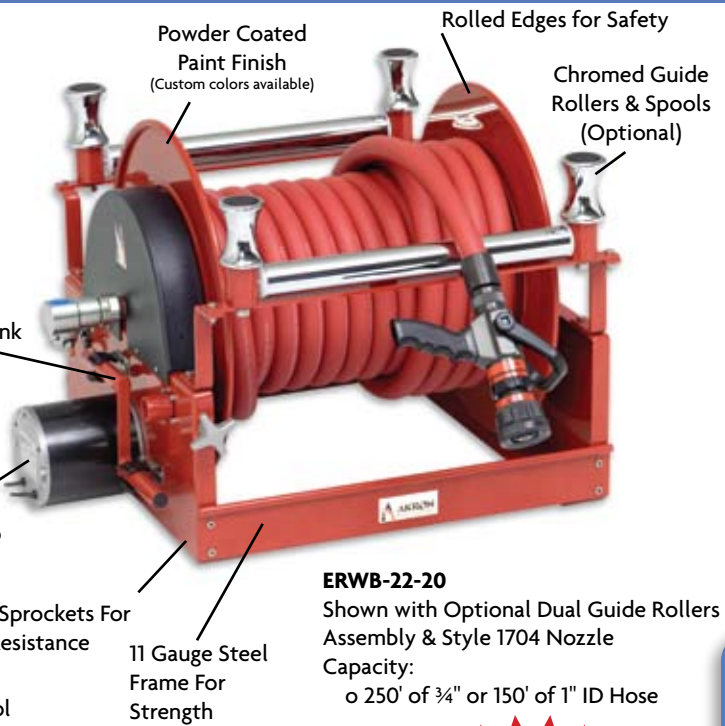
New configuration now Available.

### ERWB-24-20 Booster Reel

- Comes standard with 24V motor
- Max pressure: 1000 PSI
- Capacity:
  - o 300' of 3/4" (90m of 19mm)
  - o 175' of 1" (53m of 25mm)



ERWB-24-20



### ERWB-22-20

Shown with Optional Dual Guide Rollers Assembly & Style 1704 Nozzle  
Capacity:  
o 250' of 3/4" or 150' of 1" ID Hose

See Page 177 for Cord Reel Dimensions & Options



## Low Profile Booster Hose Reel

ERWB-16-28

By being shorter and not requiring as much compartment depth, the Low Profile Booster Reel was designed to take up less space than similar reels in the industry. It easily fits in low profile compartments, or when overhead height is a concern. It was designed to be extremely durable, by utilizing powder coated finishes and stainless steel hardware. In the Akron Brass tradition it includes standard features such as chain guards, hand crank and tensioner. Solenoid, push button switch, and circuit breaker are also included at no additional charge for added ease of installation. The Low Profile Booster Reel is perfect for brush trucks, skid units, rear compartments of apparatus, or even off road utility vehicles. Most importantly; the Booster Hose Reel carries the standard 5 year warranty!

- Handles 3/4" and 1" ID Booster Hose
- Dimensions (17 1/4" h x 39" w x 16 1/2" d)
- Capacity; up to 250' of 3/4" or 150' of 1" redline
- Powder coated finish available in red or silver
- Standard inlet: 90° Super Swivel with 1" Female NPT threads
- Standard outlet: 1" male NST threads (1 3/8" x 8 TPI)
- 1000 PSI pressure rating

### Additional Options:

- ERWB-GR-16 Chrome plated spool and rollers
- ERWB-SL Control box with switch and breaker
- ERWB-SC Control box with speed control
- ERWB-SCS Control box with speed control, and solenoid

See Page 177 for Cord Reel Dimensions & Options



ERWB-16-28  
Shown with Optional Guide Rollers Assembly & Style 1704 Nozzle.



# Swing-Out™ Valves

Akron® Brass offers a wide variety of valves to meet the demands of today's fire service. Every Akron apparatus valve features the unique Swing-Out design for quick and easy servicing with no need to remove valves from the plumbing. The Swing-Out Valve bodies and adapters are constructed of high quality brass and other corrosion resistant material. Akron Swing-Out Valves feature self-adjusting seats (no o-rings to cut or tear during servicing) creating a quality seal to hold pressure and vacuum in both directions, along with durable handles and handle stops, all built for rugged use. A unique one-piece stop plate allows the handle to be quickly changed to 8 different positions by removing a single bolt. All Swing-Out Valves are designed for operating pressures to 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.

## Heavy Duty Swing-Out Valves

The heavy-duty valve is designed for the harsh realities of today's fire service when water contaminants challenge a valve's sealing capabilities.

- Available in 1" to 3 1/2" sizes
- 90° handle travel
- 316 stainless steel ball for longer valve life
- Improved sealing & increased gating ability
- Flow optimization reduces turbulence while in the gated position and requires lower operating forces
- 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 (See page 158-165)
- Designed and tested to exceed NFPA requirements
- Cast, machined and assembled at our facilities in Wooster, Ohio

### 8600 Heavy Duty Swing-Out Valve Series

- Use with SZ Twist Lock Handle, Manual Gear, Electric or Rack and Sector Actuators

### 8800 Heavy Duty Swing-Out Valve Series "Self-Locking Valves"

- Use with the R-1 Handle for remote operation or the TS and TSC Handles for direct operation

### 8800 Valve Weights with (2) P1-S Adapters x R-1 Handle

SIZE	WEIGHT LBS.
1"	4 7/8
1 1/2"	7 3/8
2"	12 3/4
2 1/2"	19 3/8
3"	25 7/8
3 1/2"	26 1/8

## HEAVY-DUTY VALVES



\*Limited to Manufacture Defects

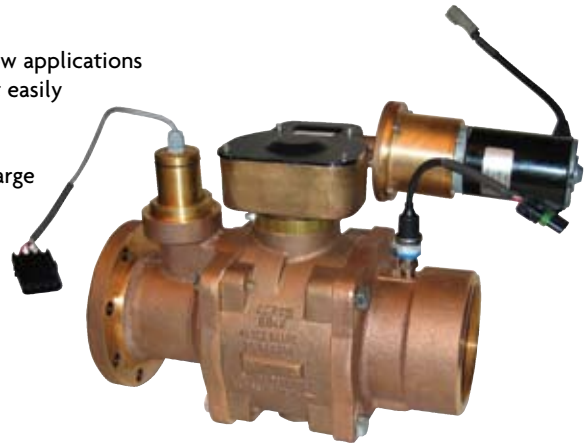


8825 X P1-S X ME1-S X TSC

## Heavy Duty 4" Swing-Out Valve With Flat Ball Design

### 8840 Heavy Duty 4" Valve

- Designed for tank to pump use, deck gun or other higher flow applications
- Flat ball concept - Flat ball has spherical seating surface that easily closes and seals on the seat
- Use with Air, Gear or Electric actuators
- Short body length - Only 4" long. Can be used on side discharge applications and in restricted pump compartment space
- Wide range of available adapters (See page 143-149)
- 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
- Small 6" chrome handwheel
- Weight: 36 lbs. (with electric actuator, less adapters)
- Wide range of available adapters (See page 158-165)



8840 B20-SFW x P2-S  
With Electric Actuator, Flow Sensor & Pressure Transducer

## 4" Swing-Out Valve

### 7840 4" Swing-Out Valve

- Designed for tank to pump use, deck gun or other higher flow applications
- Air, handwheel or electric actuation only



Style 7840

## 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 3/8 lbs.

### Adapter Options:

- MES1-S 90° Elbow
- PI-S Female NPT
- MI-S Male
- FI-S Female Swivel
- FI-SS Female Swivel with Strainer



Style 7725

## 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





# Navigator™ Valve Controller

## Navigator Controller

Style 9315

The smart Navigator from Akron Brass offers reliability, accuracy and ease of use in a lightweight compact housing to optimize pump panel space that is so critical with today's fire apparatus. No more over sized control heads and bulky add on gauges to consume valuable pump panel space!

Everything is in one compact intelligent unit designed to identify the intended use:

Need a Valve Controller? -This is it!

Need a Valve Controller with Pressure Meter? -This is it!

Need a Valve Controller, Pressure Meter and Flow Meter? -This is it!

Need a Flow Meter/Pressure Meter? -This is it!

It will do all this and more!

Need an Auxiliary Controller? Use the same unit to control the valve - with the added benefit of providing Pressure and/or Flow when required!

Now with visual position indication, a new graduated scale identifies the valve position. Not just Open or Closed, or somewhere in between, but 10 separate bars showing the valve position.

- Plug and Play
- Easy connection to valve, pressure and/or flow sensors
- No added plumbing, no gears, no linkage, no hassle
- Technically advanced solid-state electronics
- Protected against EMI (Electro Magnetic Interference)
- Programmable Auto Open
- 12 and 24V
- Field programmable units of measure (GPM or LPM, PSI or kPa)
- Meets all aspects of NFPA 1901
- 4 1/4" square face
- Easy pump panel mounting
- Retrofits to existing apparatus
- 5 year warranty

### Standard Kit Configuration:

- Navigator
- Flow Sensor
- Pressure Sensor
- (2) 10' Cables
- 10' Wiring Harness

### Other configurations include:

- Valve operation with pressure
- Valve operation with flow
- Pressure and flow only

**NEW!**



Valve Control



Valve Control with pressure and flow meter



Pressure and flow meter



Valve Control with pressure meter

# Electric Valve Controller

## Electric Valve Controller

Style 9313

The new Valve Controller from Akron Brass provides reliable and accurate valve control with valve position indication thru 10 LED indicators identifying the degree of Open/Close.

Includes many features such as:

- Technically advanced solid-state electronics
- Protected against EMI
- Programmable Auto Open
- 12 and 24V
- Meets all aspects of NFPA 1901
- 4 1/4" square face
- Easy pump panel mounting
- Retrofits to existing apparatus
- 5 year warranty

Standard Configuration includes a Valve Controller, and 10' Wiring Harness



Open



Closed



Opening/Closing

## Top-Mount Remote Control

Style 101 & 102

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)



Style 102

## Electric Actuators

Electrically driven worm gear rotates a gear sector for smooth and easy operation with no switches inside the gear actuator to malfunction.

- 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 7840 and Butterfly Valves - 64:1
  - Works with Weco & Keystone Butterfly Valves
- Manual override

See page 125 for dimensions



Electric Actuator shown mounted on a Swing-Out Valve



8" Butterfly Electric Actuator

## Flow/Pressure Meter

- Programmed Calibration - More reliable than mechanical methods
- More accurate through broad ranges of flow
  - Technically advanced electronics
- Flow & Pressure - One meter provides both flow and pressure readings
- Easy Installation - Valve Adapters available for quick/easy installation. Saddles and Weld Bosses also available
- Fully Tested - Vibration, high & low temperature, high flow & pressure, endurance, actual field tests
- Meets NFPA 1901 for accuracy

### 9300 Flow/Pressure Meter

- Includes Meter, Flow Sensor, Pressure Transducer and Cables
- Order Flow Port Valve Adapters with the valve
- Saddles and Weld Bosses must be ordered separately



Style 9300  
Shown mounted  
on a pump panel

### NOTE: Exclusive Programmed Calibration

Unique plumbing configurations are not a problem. The Akron Flow/Pressure Meter is the only unit in the fire service designed to be custom calibrated to individual applications for superior accuracy. This is particularly valuable when a sensor is close to a valve or elbow.



## 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.

- Fits 2" - 4" valves
- Handwheel driven worm gear rotates a gear sector for smooth and easy operation under pressure
- 2" - 3 1/2" 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 1/2" Swing-Out™ valves - 12 1/2 turns
  - 7840 - 16 turns
  - 8840 - 12 1/2 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 1/2" x 5 3/4"
- Auxiliary Position Indicator - optional



2" - 3 1/2" Manual Gear Actuator



Position Indicator (landscape)

## 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 to -10° F and requires 80-120 psi air pressure. Available on 4" Swing-Out and all Butterfly Valves. Solenoid and switch not included.



Air Actuator shown with Air Control Valves

## 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.



Rack and Sector

### Valve Actuator Dimensions

Size	Air Actuator		Handwheel Actuator			Rack & Sector		Slo-Cloz™		Electric	
	A	B	A	B	C	A	B	7875	7675	A	B
2"	-	-	10 1/2" (267 mm)	1 21/32" (42 mm)	4" (102 mm)	-	-	1 7/8" (48 mm)	2 3/8" (60 mm)	12 1/4" (311 mm)	3 11/16" (94 mm)
2 1/2"	-	-	10 1/2" (267 mm)	1 21/32" (42 mm)	4" (102 mm)	4 13/16" (122 mm)	3 1/2" (89 mm)	1 7/8" (48 mm)	2 3/8" (60 mm)	12 1/4" (311 mm)	3 11/16" (94 mm)
3"	-	-	10 1/2" (267 mm)	1 21/32" (42 mm)	4" (102 mm)	4 13/16" (122 mm)	3 7/8" (98 mm)	1 7/8" (48 mm)	2 3/8" (60 mm)	12 1/4" (311 mm)	3 11/16" (94 mm)
3 1/2"	-	-	10 1/2" (267 mm)	1 21/32" (42 mm)	4" (102 mm)	4 13/16" (122 mm)	3 7/8" (98 mm)	1 7/8" (48 mm)	2 3/8" (60 mm)	12 1/4" (311 mm)	3 11/16" (94 mm)
4"	8 1/2" (216 mm)	5 3/4" (146 mm)	12 7/16" (316 mm)	3 1/8" (79 mm)	6" (152 mm)	-	-	-	-	12 1/4" (311 mm)	4 1/8" (105 mm)

# Remote Controls

## T-Handles

- Push/Pull Remote Controls or sold separately
- 1 7/8" long, 3 1/2" wide, and weighs 4 oz

### 1489 Plain T-Handle

- 1/2" bore - 3/4" deep
- Threaded: 3/8" - 24
  - 3/8" - 16
  - 1/2" - 13
  - 1/2" - 20
  - 10 - 32

### 1490 T-Handle with Recess

- Recessed Pad for I.D. tag
- 2 recess sizes:
  - 2 9/16" x 25/32"
  - 2 31/32" x 1"
- 1/2" diameter bore for rod

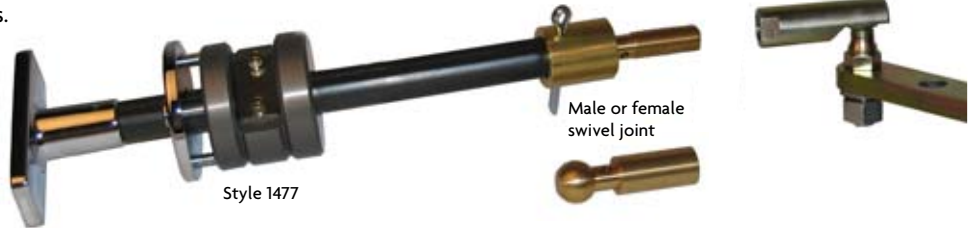


Style 1489

## Push/Pull Remote Controls

Push/Pull Remote Controls operate in-line valves from the pump panel. Remote Controls can be used with Swing-Out™ Valves through 3 1/2" with R-1 Handles and are lockable in any position. The remote controls are furnished with an escutcheon plate, male or female swivel joint and stainless steel spring locks.

- 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.



Style 1477

Male or female swivel joint

Optional Ball Joint Assembly shown on an R-1 Handle

### 1477 Push/Pull Remote Control with Recessed T-Handle

### 1478 Push/Pull Remote Control with Plain T-Handle

## Piggy-Back Remote Control Kits

For operating 2 1/2" - 3 1/2" valves on the opposite side of the pumper. Valves must be ordered separately.

### 7592 Piggy-Back Remote Control

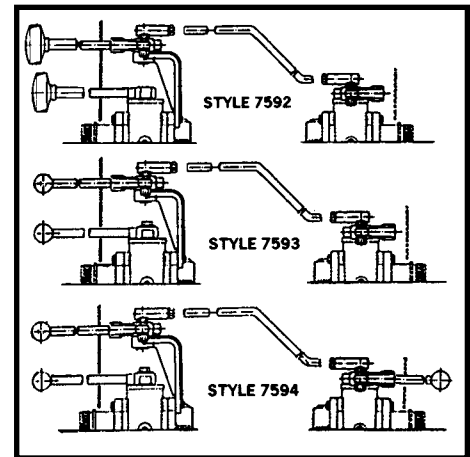
- Operates an off-side valve from the pump operator's panel
- SZ Handle

### 7593 Piggy-Back Remote Control

- Operates an off-side valve from the pump operator's panel
- TS Handle

### 7594 Piggy-Back Remote Control

- Operates an off-side valve from both sides of the truck
- TS 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.

### 7675 Slo-Cloz

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

### 7875 Slo-Cloz

- 8820-8835 Tork-Lok and self locking valves

Style 7875

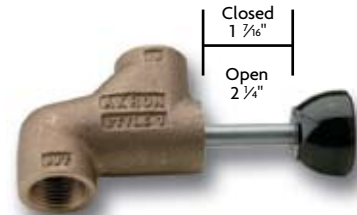


## Drain Valves

- 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
  - 3/4" NPT threads
  - Weight: 1 1/2 lbs.
- 4 Drainit Drain Valve**
- Small, compact drain valve
  - 3/4" NPT male thread
  - Opening equivalent to 3/8" diameter hole
  - Length: 2 1/4"
  - weight: 10 oz.
- 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
  - 3/4" NPT female inlet and outlet thread
  - Weight: 1 1/4 lbs.



Style 4

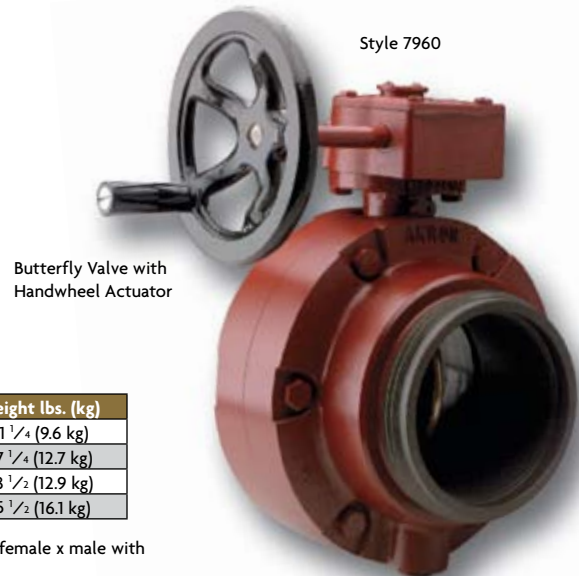


## Butterfly Valves

Available in 4", 4 1/2", 5", and 6" full flow sizes. Operates to 250 psi and meets NFPA 1901 Standard for opening and closing speed when used with Gear, Air or Electric Actuators. Manual quarter-turn handle is available for dump valve applications.

Optional Inlets & Outlets:

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



Style	Size	Length	Weight lbs. (kg)
7940	4" (101 mm)	9 1/2" (241 mm)	21 1/4 (9.6 kg)
7945	4 1/2" * (114 mm)	9 3/4" (248 mm)	27 1/4 (12.7 kg)
7950	5" (125 mm)	10" (254 mm)	28 1/2 (12.9 kg)
7960	6" (152 mm)	10" (254 mm)	35 1/2 (16.1 kg)

\* 5" (12.7 cm) Body Weights and lengths with rocker lug female x male with handwheel actuator

## Intake Pressure Relief Valve

- 59 Intake Pressure Relief Valve**
- For mounting on main pump intakes with a four bolt flange (4 3/8" or 4 19/32" bolt circle diameter). Adjustable from 50-175 psi. Factory set at 125 psi, available with a 2.5" NPT, 2.5" NH or 2.5" victaulic outlet. Weight: 14 3/8 lbs.





# Black Max™ Piston Intake Valve



\*Limited to Manufacture Defect and Corrosion

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:

- Compact size - Extends only 11 <sup>15</sup>/<sub>16</sub>" from the pump panel
- 250 psi operating pressure
- Low Friction Loss - 7 psi at 2000 gpm (.5 bar at 7600 lpm)
- 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 (preset @ 150 psi)
- 53° elbow
- 3/4" air bleeder valve
- Height: 18 <sup>7</sup>/<sub>90</sub>"
- Width: 9 <sup>9</sup>/<sub>16</sub>"
- Depth: 11 <sup>15</sup>/<sub>16</sub>"
- Weight: 30 lbs.

### Options:

- Outlets (pump side):
  - 5" Rocker Lug
  - 6" Rocker Lug or Long Handle
- Inlets (hose side):
  - 4", 5" or 6" rigid storz
  - 4" or 5" full time storz swivel
  - 4", 4 <sup>1</sup>/<sub>2</sub>", 5" or 6" male
  - 4", 4 <sup>1</sup>/<sub>2</sub>" or 5" female swivel
- Storz cap and chain
- Air bleeder lines



Style 7980

## 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

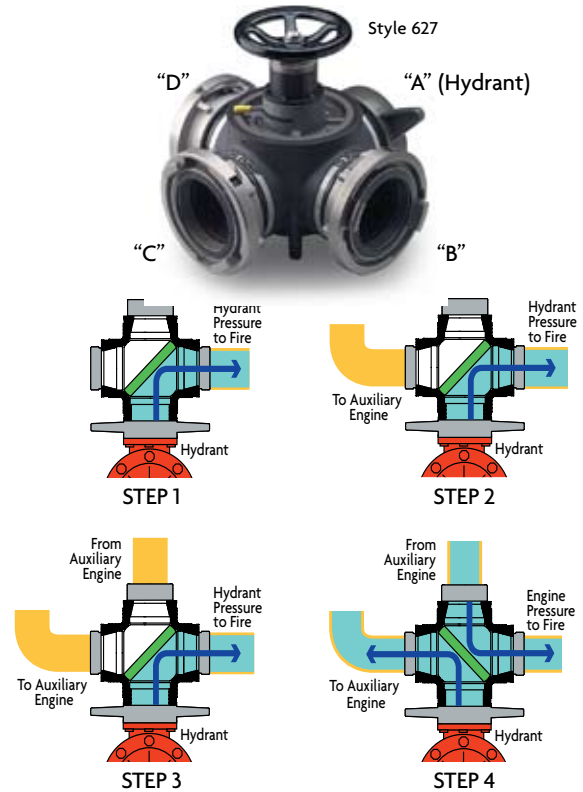
#### How It Works:

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.



Style	Material	Length	Width	Weight lbs. (kg)	Inlet	Outlet	Flow		Connections			
							GPM	LPM	A	B	C	D
627	Pyrolite®	13 3/4" (349 mm)	13 3/4" (349 mm)	42 (19 kg)	(2) 2 1/2" - 5" F* (65 - 125 mm)	(2) 2 1/2" - 5" M (65 - 125 mm)	1500	3800	4" - 6 (100 - 150 mm) threads or Rigid Storz	2 1/2" - 6 (65-150 mm) threads or 4" - 5" (100-125 mm) Rigid Storz	2 1/2" - 6 (65-150 mm) threads or 4" - 5" (100-125 mm) Rigid Storz	2 1/2" - 6 (65-150 mm) threads or 4" - 5" (100-125 mm) Rigid Storz

\* Hydrant inlet 4" - 5" (100 - 125 mm) only

## Hydrant Valve

### 1828 2 1/2" Hydrant Valve

A full flow valve with a Tork-Lok® handle for more positive handle positioning.

- Adapter easily removed for seat adjustment

Style	Material	Size	Length	Weight lbs. (kg)	Inlet	Outlet
1828	Pyrolite	2 1/2"	7 1/4" (184 mm)	7 1/2 (3.4 kg)	2 1/2" F (65 mm)	2 1/2" M (65 mm)



## Gate Valves

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

- Maximum operating pressure 250 psi

Style 2285

### 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



Style	Material	Size	Length	Weight lbs. (kg)	Inlet	Outlet	Number Of Turns
285	Cast or Chrome	2 1/2" (65 mm)	5 1/2" (140 mm)	13 (5.9 kg)	2 1/2" F (65 mm)	2 1/2" M (65 mm)	5
2285	Pyrolite	2 1/2" (65 mm)	5 1/2" (140 mm)	4 (1.8 kg)	2 1/2" or 3" F (65 or 75 mm)	2 1/2" or 3" M (65 or 75 mm)	21
2286	Pyrolite	3 1/2" (89 mm)	7 1/4" (184 mm)	10 (4.5 kg)	3" - 5" F (75 - 125 mm) 4" - 5" Storz (100 - 125 mm)	3" - 5" M (75 - 125 mm) 4" - 5" Storz (100 - 125 mm)	31

## Gated Wyes

### 1581 Leader Line 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

### 1582 Hydrant Wye

- Self-locking Tork-Lok handles for positive handle positioning

### 2582 3-Way Hydrant Wye

- Self-locking Tork-Lok handles for positive handle positioning

### 1480 1 1/2" Wye

### 1482 Hydrant Wye

- Self-locking Tork-Lok® handles for positive handle positioning

### 2681 Leader Line Wye

Designed for heavy-duty use in severe environments.

- High strength polymer handles & balls standard
- Optional metal handles & balls

Style	Material	Length	Width	Weight lbs. (kg)	Inlet	Outlet
1480	Brass	5 1/8" (130 mm)	6 3/8" (168 mm)	11 1/4 (5.1 kg)	1 1/2" F (38 mm)	(2) 1 1/2" M (38 mm)
1482	Brass	8 1/4" (209 mm)	12" (305 mm)	* 31 1/4 (14.2 kg)	2 1/2"-6" F (65-150 mm)	(2) 2 1/2" M (65 mm)
1581	Pyrolite	5 3/4" (146 mm)	6 3/4" (171 mm)	5 1/2 (2.5 kg)	2 1/2" F (65 mm)	(2) 1 1/2" M (38 mm)
1582	Pyrolite	9 1/2" (241 mm)	11" (279 mm)	* 16 3/4 (7.6 kg)	2 1/2"-6" F, (65-150 mm) 4" or 5" Storz (100 or 125 mm)	(2) 2 1/2" M (65 mm)
2580	Pyrolite	5 1/2" (140 mm)	7" (178 mm)	3 (1.4 kg)	1 1/2" F (38 mm)	(2) 1 1/2" M (38 mm) or (2) 1" M (25 mm)
2581	Pyrolite	5 1/2" (140 mm)	7" (178 mm)	3 (1.4 kg)	2 1/2" F (65 mm)	(2) 1 1/2" M (38 mm)
2582	Pyrolite	11 3/4" (298 mm)	15 1/2" (394 mm)	* 24 1/2 (11 kg)	2 1/2"-6" F, (65-150 mm) 4" or 5" Storz (100 or 125 mm)	(3) 2 1/2" M (65 mm)
2681	Brass	7 1/2" (19 cm)	5 1/4" (13.3 cm)	10 1/2 (3.4 kg)	2 1/2" F (65 mm)	(2) 1 1/2" M (38 mm)

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



## Plain Wyes

Style	Material	Length	Width	Weight lbs. (kg)	Inlet	Outlet
260	Brass	6 3/4" (171 mm)	8" (203 mm)	7 * (3.2 kg)	2 1/2"-6" F (65-150 mm)	(2) 1 1/2" or 2 1/2" M (38 or 65 mm)
1260	Pyrolite	9 1/8" (232 mm)	8" (203 mm)	6 3/4 * (3.1 kg)	2 1/2"-6" F ** (65-150 mm)	2" - 2 1/2" M ** (50 - 65 mm)

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



## Water Thief

### 1573 Water Thief

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

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

Style	Material	Length	Width	Weight lbs. (kg)	Inlet	Outlet
1573	Pyrolite	9 3/8" (238 mm)	10 1/2" (267 mm)	12 (5.4 kg)	2 1/2" F (65 mm)	(2) 1 1/2" M & (1) 2 1/2" M (38 & 65 mm)
273	Brass	9 3/8" (238 mm)	10 1/2" (267 mm)	27 (12.5 kg)	2 1/2" F (65 mm)	(2) 1 1/2" M & (1) 2 1/2" M (38 & 65 mm)



Style 1573



## Gated Siamese

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

### 1483 Suction Siamese

- Tork-Lok handles for positive handle positioning
- Used on pumper suction or aerial platform inlets

### 1583 Suction Siamese

Used on pumper suction or aerial platform inlets. Features Tork-Lok® handles for positive handle positioning.

- Drain valves optional

### 2583 3-Way Suction Siamese

Used on pumper suction or aerial platform inlets. Features Tork-Lok handles for more positive handle positioning.

- Drain valves optional



Style 1583



Style 2583



Style 1483

Style	Material	Length	Width	Weight lbs. (kg)	Inlet	Outlet
1483	Brass	9 1/8" (232 mm)	11 1/2" (292 mm)	35 3/4 * (16.2 kg)	(2) 2 1/2" F (65 mm)	2 1/2" - 6" F or M (65 - 150 mm)
1583	Pyrolite	9 1/4" (235 mm)	11 1/2" (292 mm)	16 * (7.3 kg)	(2) 2 1/2" F (65 mm)	2 1/2" - 6" F or M 4" or 5" Storz (65 - 150 or 100 or 125 mm)
2583	Pyrolite	11 3/4" (298 mm)	16" (298 mm)	26 1/2 * (12 kg)	(3) 2 1/2" F (65 mm)	2 1/2" - 6" F or M 4" or 5" Storz (65 - 150 or 100 or 127 mm)

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

## Plain Siamese

### 261 Plain Siamese

Style	Material	Length	Width	Weight lbs. (kg)	Inlet	Outlet
261	Brass	6 1/2" (165 mm)	9" (228 mm)	8 1/4 (3.7 kg)	(2) 2 1/2" F (65 mm)	2 1/2" or 3" M (65 or 75 mm)



Style 261

## Valve Manifold

### 599 Valve Manifold

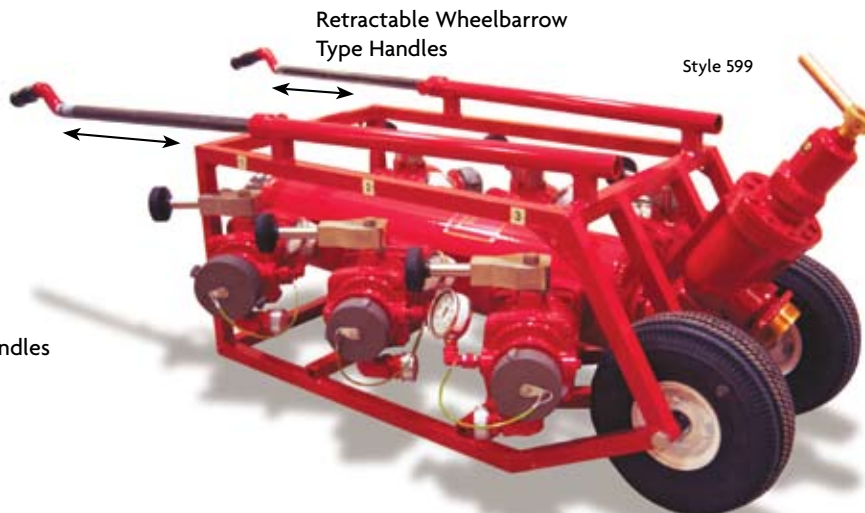
The Valve Manifold is designed for Fast, Efficient, High Flow water movement. The manifold is simply rolled into position and used with LDH hose to provide a portable above ground fire hydrant system. The Style 599 is your answer to moving & distributing large volumes of water at the next fire, emergency, or natural disaster.

- Flows up to 2000 gpm
- Operating Pressure up to 350 psi
- 6 total Discharge Valves
  - 2 1/2" or 3"

Each Valve includes:

- Twist Lock Handle
- Pressure Gauge
- Drain
- Cap with chain

- Female Swivel Inlet
- Adjustable Pressure Relief Valve
- Retractable Wheelbarrow type Handles
- Sturdy Welded Aluminum Frame
- 18" high x 22" wide x 33" long
- Pneumatic Tires



Style 599

## Clappered Siamese

- 262 Clapper Valve Siamese**  
A brass Clapper Siamese with a leather carrying handle and 3/4" drain plug.
- 266 Clapper Valve Siamese**  
A brass Clapper Siamese in sizes up to 6".
- 1256 3-Way Clapper Valve Siamese - Pyrolite®**  
Three 2 1/2" female inlets x 4" to 6" male or female outlet. Includes Style 4 Drainit drain valve and rubber carrying handle. Optional Pressure Gauge
- 1262 Clapper Valve Siamese**  
A Pyrolite Clapper Siamese includes a Style 4 Drainit drain valve and a rubber carrying handle.
- 1267 Clapper Valve Siamese**  
A Pyrolite Clapper Siamese includes a Style 4 Drainit drain valve and a rubber carrying handle.

Style	Material	Length	Width	Weight lbs. (kg)	Inlet	Outlet
262	Brass	7 3/4" (197 mm)	9" (229 mm)	14 1/2 (6.6 kg)	(2) 2 1/2" F (65 mm)	2 1/2" or 3" M (65 or 75 mm)
266	Brass	8" (203 mm)	9" (229 mm)	21 1/4 * (9.6 kg)	(2) 2 1/2" F (65 mm)	3" - 6" F (75 -150 mm)
1256	Pyrolite	12 3/4" (323 mm)	14 3/4" (375 mm)	15 1/2 (7 kg)	(3) 2 1/2" F (65 mm)	2 1/2" - 6" M or F (65-150 mm)
1262	Pyrolite	8 1/2" (216 mm)	9 3/8" (238 mm)	7 1/4 (3.3 kg)	(2) 2 1/2" F (65 mm)	2 1/2" or 3" M (65 or 75 mm)
1267	Pyrolite	9 3/8" (238 mm)	9 3/8" (238 mm)	9 1/2 (4.3 kg)	(2) 2 1/2" F (65 mm)	2 1/2" - 6" F, (65-150 mm) 3 1/2" - 6" M, 4" or 5" Storz (89-150, 100 or 125 mm)

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



Style 266



Style 262



Style 1262



Style 1256



Style 1267

# Foam Eductors

Akron® Municipal Eductors feature a large, easy to read, and removable metering dial with infinite settings between 0% and 6%. Detents at 1/4, 1/2, 1, 3 and 6%. The Eductors are rated to flow at 200 psi (14 bar) inlet pressure and work well with nozzles rated at 75 and 100 psi (5 and 7 bar).

## In-Line Eductors

- 1 1/2" or 2 1/2" full-time swivel inlet x 1 1/2" male, except where noted
- 30" pickup hose standard on 60, 95 and 125 gpm (230, 360 and 475 lpm) eductors, 48" optional
- 48" pickup hose standard on 250 gpm (950 lpm)



Style	Inlet Size	Outlet Size	Flow		Material	Length	Weight lbs. (kg)
			GPM	LPM			
3060	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	60	230	Pyrolite®	* 7 3/4" (197 mm)	3 1/2 (1.6 kg)
3070	1 1/2" (38 mm)	1 1/2" (38 mm)	60	230	Brass	7 3/4" (197 mm)	9 1/4 (4.2 kg)
3071	1 1/2" (38 mm)	1 1/2" (38 mm)	95	360	Brass	7 3/4" (197 mm)	9 1/4 (4.2 kg)
3072	1 1/2" (38 mm)	1 1/2" (38 mm)	125	475	Brass	7 3/4" (197 mm)	9 1/4 (4.2 kg)
3095	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	95	360	Pyrolite	* 7 3/4" (197 mm)	3 1/2 (1.6 kg)
3125	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	125	475	Pyrolite	* 7 3/4" (197 mm)	3 1/2 (1.6 kg)
3250	2 1/2" (65 mm)	2 1/2" (65 mm)	250	950	Pyrolite	12" (305 mm)	8 1/2 (3.7 kg)

\* 1 1/2" inlet length, 2 1/2" inlet length: 8 1/2"



Style 3095

## Portable By-Pass Eductors

The Akron By-Pass Eductor has a built-in by-pass chamber, allowing the operator to change from water to foam without shutting down.

- 1 1/2" or 2 1/2" swivel inlet x 1 1/2" male
- Brass with chrome trim
- Changes easily to water line use
- 8 quick-change handle positions with a Swing-Out™ Valve handle
- Optional pipe thread connections available for truck plumbing



Style 3097

Style	Inlet Size	Outlet Size	Flow		Material	Length	Weight lbs. (kg)
			GPM	LPM			
3062	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	60	230	Brass	18" (457 mm)	20 (9.1 kg)
3097	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	95	360	Brass	18" (457 mm)	20 (9.1 kg)
3127	1 1/2" or 2 1/2" (38 or 65 mm)	1 1/2" (38 mm)	125	475	Brass	18" (457 mm)	20 (9.1 kg)



## Industrial/Marine In-Line Eductors

- 2328 90 gpm (340 lpm) Brass In-Line Eductor**
- Set at 6% pickup rate, easily changed to 3%
  - Includes foam shutoff valve and 60" pickup hose

- 2901 90 gpm (340 lpm) Brass In-Line Eductor**
- Set at 6% pickup rate; easily changed to 3%
  - 54" pickup hose

- 2325 95 gpm (360 lpm) Brass In-Line Eductor**  
In-Line Eductor designed for use at 150 psi (10.34 bar).  
(Note: Lower eductor inlet pressures reduce nozzle stream reach.)

- 1%, 2%, 3%, and 6% foam settings
- Removable foam pickup tube with metering dial for easy service and testing

- 2120 120 gpm (460 lpm) Brass In-Line Eductor**
- Metering dial settings: 1/2%, 1%, 3%, 6%



Style 2328

Style	Length	Weight lbs. (kg)	Female Inlet	Male Outlet	Operating Pressure PSI (bar)	Flow	
						GPM	LPM
2120	12 7/8" (327 mm)	12 (5.4 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	200 (13.79)	120	460
2325	10 1/8" (257 mm)	7 (3.1 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	150 (10.34)	95	360
2328	9 1/2" (241 mm)	8 (3.6 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	200 (13.79)	90	340
2901	9 1/2" (241 mm)	8 (3.6 kg)	1 1/2" (38 mm)	1 1/2" (38 mm)	200 (13.79)	90	340

## Portable Eductor with On-Board Foam Access

A Portable In-Line Eductor combined with an on-board foam tank will supply large quantities of foam without the investment of a built-in foam system or the inefficiencies of handling 5 gallon pails.

- How does it work?
  - Install a foam tank (20 or 30 gallons)
  - Connect the foam tank to a quick disconnect on the pump panel
  - Connect the Eductor to a discharge
  - Connect the Eductor pickup to the quick connect
  - Open the foam valve
- What is included?
  - An Eductor with a special pickup assembly with a quick connect coupling
  - A Foam Access Panel Mount Kit
  - A Quarter Turn Valve with Tee Handle and Label

This quick and easy setup can be retrofitted to most apparatus to greatly increase foam capabilities over the conventional pail method. For increased flexibility, a separate standard pickup assembly can be added for standard pail use.

### 3095 with On-Board Foam Access

#### Kit Includes:

- 95 gpm Portable Eductor Body
- Metering Dial & Pickup Hose Assembly with storz pickup connection
- Panel Mount Kit
- Quarter Turn Valve

### 3125 with On-Board Foam Access

#### Kit Includes:

- 125 gpm Portable Eductor Body
- Metering Dial & Pickup Hose Assembly with storz pickup connection
- Panel Mount Kit
- Quarter Turn Valve

**NOTE:** A pickup assembly with the storz connection or standard pickup assemblies can be purchased separately



3095 In-Line Eductor with Quick Connect On-Board Foam Access



Quick Connect Panel Mount with Plug



Quarter Turn Valve

### Ultra-High Expansion Foam Generator With Eductor

For use with ultra-high expansion foam, the Akron Foam Generator fits a 16" smoke ejector for ultra-high foam expansion. The 25 gpm eductor operates at 80 psi (5.5 bar) inlet pressure. The eductor is preset at 2% and works with up to 1000' of hose. Unit includes 10' Polyethylene tube and clamps.

**3500 Ultra-High Expansion Foam Generator with Eductor**

- 1 1/2" female swivel x 1 1/2" male
- 19" square x 12" deep
- Weight: 25 lbs.

Style 3500



### Advantage™ Master Stream Eductors

Interchangeable metering orifices allow for 1/2%, 1%, 3%, or 6% pickup rate. Rugged brass construction. Shutoff valve optional.

- 10' pickup hose & 40" tube - all PVC

Style	Length	Weight lbs. (kg)	Female Inlet	Male Outlet	Operating Pressure Psi (bar)	Flow	
						GPM	LPM
2302	8 1/4" (210 mm)	13 (5.9 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	150 (10.34)	250	950
2305	8 1/4" (210 mm)	13 (5.9 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	150 (10.34)	500	1900
2307	8 1/4" (210 mm)	13 (5.9 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	150 (10.34)	700	2660
2310	8 1/4" (210 mm)	13 (5.9 kg)	2 1/2" (65 mm)	2 1/2" (65 mm)	150 (10.34)	1000	3800



Style 2305

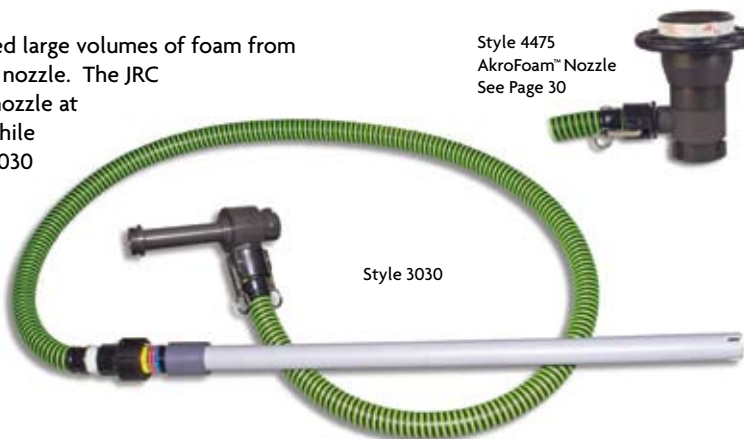
### Jet Ratio Controller

**3030 Jet Ratio Controller**

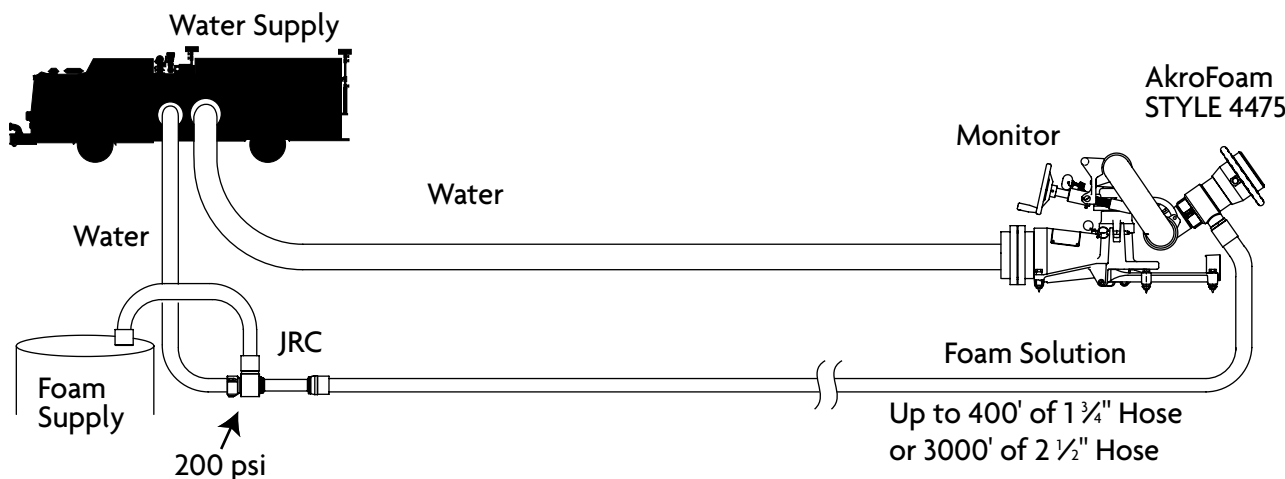
The Jet Ratio Controller (JRC) is designed to feed large volumes of foam from a safe location to a self educating masterstream nozzle. The JRC can deliver a 3% foam solution to a 1000 gpm nozzle at distances up to 400' away through 1 3/4" hose while operating at 200 psi inlet pressure. The Style 3030 JRC is ideal for use with the AkroFoam™ Self Educating nozzle.

- 1 1/2" Inlet x 1 1/2" Outlet
- Durable lightweight Pyrolite® Construction
- 10' pickup hose and 40" Pickup Tube (Stinger)
- Weight: 3 3/4 lbs

Style 4475  
AkroFoam™ Nozzle  
See Page 30



Style 3030



## Foam Truck Systems

- 8 quick change handle positions (easily changed after installation) means less installation time
- Specify inlet and outlet, 2", 2 1/2" NPT or 2" victaulic
- Improved pressure recovery provides greater versatility
- Choose 60, 95, or 125 gpm (230, 360, or 475 lpm)
- Performs well with both 75 and 100 psi rated nozzles (75 psi nozzles allow longer hose lays and less reaction force)
- Easily changed to water line use

Each Truck System Includes:

- Rugged brass By-Pass Eductor
- Foam Metering Dial
- One 2" In-line Swing-Out™ valve - with built-in check valve
- Two 1" In-line Swing-Out valves
- One 1" check valve
- Four Style 1477 Remote Controls

Note: Each truck system is for a single tank operation. A two tank system requires one (1) additional 1" Swing-Out Valve, 1" check valve and 1477 Remote Control.

**3061 60 gpm (230 lpm) Foam Truck System**

**3096 95 gpm (360 lpm) Foam Truck System**

**3126 125 gpm (475 lpm) Foam Truck System**



By-Pass Eductor



Style 3096

Foam  
Metering Dial

## Off-Truck Foam Access Kit

A quick disconnect pickup tube for off-truck foam access can be easily added to an existing Akron® Foam System or can be included with any new system if specified. This option provides foam access from an off-truck foam supply.

Designed for:

- Switching between class A and B foams
- Operation through the metering panel
- Supplementing a depleted foam supply
- Foam training

Each Kit Includes:

- Quick connect panel mount and plug
- One 1" check valve
- One 5' quick connect Pickup Hose Assembly
- One Style 57 Drain Valve

**3128 Off-Truck Foam Access Kit**

- Specify kit when ordering a Foam Truck System or order separately



Style 3128



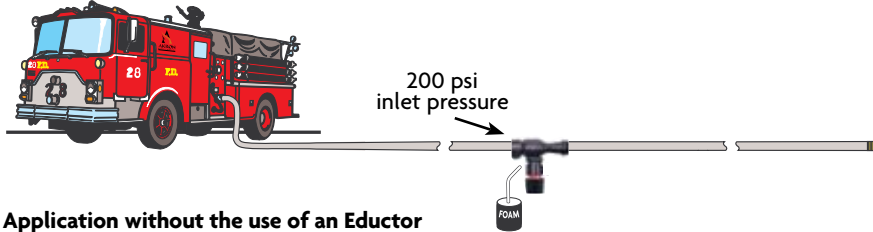


## Application Chart

### Eductor Connected to a Pumper Discharge - 200 psi Inlet Pressure



### Eductor Connected at a Point Between the Pumper and the Foam Nozzle



### Foam Application without the use of an Eductor



### Foam Application with an Advantage™ Eductor/AkroFoam™



Place the Advantage Eductor between the monitor discharge and nozzle or place the AkroFoam on the monitor discharge. Place the pick-up hose in the foam supply.



## General Instructions for Akron® Eductors

(Includes in-line, by-pass and built-in types of any flow size.)

1. Hose lay limits past the eductor must not be exceeded. (see chart at right)
2. 200 psi must be maintained at the eductor inlet to obtain the proper mixture.
3. The nozzle and eductor must be rated at the same flow for maximum performance. However, in all cases, the nozzle flow setting must not be less than the eductor.
4. The nozzle must be fully open. A throttled nozzle can cause the system to shut down.
5. Always flush both the eductor and nozzle thoroughly, for at least 3 minutes, after each use.

### \*Hose Lay Limit

GPM (LPM)	Hose Size							
	Up To 1% (Class A)				3% - 6% Class B			
	1 1/2" (38 mm)	1 3/4" (45 mm)	2" (50 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	1 3/4" (45 mm)	2" (50 mm)	2 1/2" (65 mm)
60 (227)	600' (182.9 m)	900' (274.3 m)	-	-	400' (121.9 m)	600' (182.9 m)	-	-
95 (359.5)	200' (61 m)	350' (106.7 m)	-	-	150' (45.7 m)	250' (76.2 m)	-	-
125 (473)	-	200' (61 m)	400' (121.9 m)	-	-	150' (45.7 m)	300' (91.5 m)	-
250 (946)	-	-	-	350' (106.7 m)	-	-	-	300' (91.5 m)

\* All hose lays based on no elevation, measured from the discharge side of the eductor with 200 psi inlet pressure and with a 100 psi rated nozzle. If a 75 psi rated nozzle is used hose lengths may be extended.

### Notes About Various Operating Pressures

Akron eductors are designed to work at 200 psi inlet pressure for maximum effectiveness. At 200 psi, the mixture percentage will be as shown on the metering dial. Akron eductors can educt foam concentrate at pressures between 50 and 200 psi. At lower pressures the flow of water will be less, but the flow of foam concentrate will remain the same. This means the percentage of concentrate will be higher than shown on the metering dial. Since the flow out of the eductor will be reduced at lower inlet pressures, the nozzle pressure will be lower. This may significantly reduce reach.

Contact Akron Brass for further information on the use of Akron® eductors at different operating pressures.



# Hose & Apparatus Test Equipment

## The Hose Tester

### HT-15-C

A fast, easy, safe way to test fire hose.

- Reduces the number of personnel required to test hose
- Reduces noise levels while testing
- Keeps apparatus in-service
- Prevents unnecessary wear and tear on engines, fire pumps, and transmissions resulting from static loads required by NFPA standards
- Low water flow virtually eliminates hazard of a wild, uncontrollable, ruptured hose line at test pressures
- Test any and all hose sizes with proper adapters
- 1 1/2" valves and piping
- 1 1/2" female swivel and four 2 1/2" male discharges. (3/4" garden hose thread inlet - optional)
- Pressure Washer System - optional



HT-15-C

## Bleeder Caps

- Allows for proper air & water release from hoses being tested.
- Does not tie up a nozzle for hose testing leaving the truck in service.
- Improves safety of hose testing.

Style	Description	Style	Description
BC-15	1 1/2" Bleeder Cap	BC-45	4 1/2" Bleeder Cap
BC-25	2 1/2" Bleeder Cap	BC-50	5" Bleeder Cap
BC-30	3" Bleeder Cap	BC-50S	5" Storz Bleeder Cap
BC-35	3 1/2" Bleeder Cap	BC-60	6" Bleeder Cap
BC-40	4" Bleeder Cap	BC-60S	6" Storz Bleeder Cap
BC-40S	4" Storz Bleeder Cap		



BC-25

## Gas Powered Hose Tester

### GHT-15

The Gas Powered Hose Tester is designed for easy operation and long lasting service, this hose tester matches a 5.5 horsepower gasoline engine with a 1500 psi pump for optimum performance. With its narrow framework, it can be easily transported through doorway's, yet is stable enough to connect up to 4 each 5" Storz adapters directly to the manifold without tipping over the unit.

- Weight: 140 lbs.
- Size: 26" wide x 37" long x 24" tall
- Hydro 1500 psi, 3 gpm  
Powerline Plus duplex oil bath plunger pump
- 1-1/2" NH inlet, 2-1/2" NH discharges (additional adapters available)
- 316 stainless steel manifold, pressure fittings and ball valves rated at 2000 psi
- Large 4" diameter 2000 psi Gauge
- Thermal relief valve
- Powder coated heavy duty steel frame with folding handles
- Solid rubber wheels
- Pressure washer wand & 50' hose assembly - Optional
- Tool & adapter storage basket - Optional
- Spanner wrench set & bracket - Optional



GHT-15  
\*Shown with optional Basket (TLBX)



## Hose Test Valve

### 2285 Hose Tester Gate Valve

Meets NFPA 1962 requirements for testing hose with fire apparatus. Includes 1/4" hole in gate for maintaining test pressure at low volume.

Style 2285  
Hose Gate Valve

Style	Material	Size	Length	Weight lbs. (kg)	Inlet	Outlet	Number Of Turns
2285	Pyrolite	2 1/2" (64 mm)	5 1/2" (140 mm)	4 (1.8 kg)	2 1/2" (64 mm)	2 1/2" (64 mm)	21



### Apparatus Flow Test Kit

**FK-25**

- Apparatus flow test kits include your choice of four (4) out of the nine (9) tips offered. Tips range from 3/4" to 2 1/2" in 1/8" increments
- Standard with 1 1/2", 1 3/4", 2", 2 1/4" tips (3/4", 1", 1 1/8", 1 1/4", 2 1/2" tips optional) - Must specify
- 3 1/2" liquid filled 0-160 psi gauge
- Large, heavy duty carrying case (FK-230), 18 3/8" W x 14 1/4" D x 8" H
- 2 1/2" female swivel
- Certified calibrated gauges
- Large diameter flow test tips available



FK-25



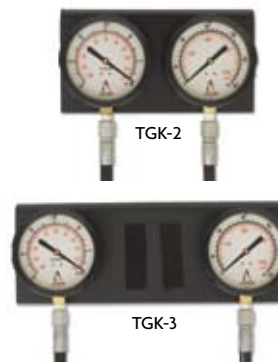
### Apparatus Test Gauge Kit

**TGK-2**

- 36" test hoses, connect directly to underwriter's test fittings (Style 44)
- ±1% accurate, 3 1/2" diameter, freeze protected liquid filled gauges
- 0-30", .5Hg increment vacuum and 0-300, 5 psi increment pressure gauges
- Heavy-duty carrying case
- Certified calibrated gauges

**TGK-3**

- Same as TGK-2 with a space for an extra gauge to be mounted (Requires RG-230 remote assembly)



TGK-2

TGK-3

### Pressure/Vacuum Panel Adapter

**44**

**Pressure/Vacuum Panel Adapter**

- Complete fitting for pump panel
- Simplifies attachment of gauges for pump tests
- Remove hex plugs and screw in gauges
- Length: 3 1/2", height: 1 3/8", weight: 8 oz.



Style 44

### Line Gauges

- Designed to determine nozzle pressure and static pressure
- 3 1/2" freeze protected liquid filled 0-160 psi (0-1100 kpa)

**35**

**Line Gauge**

- Ideal for use in high-rise packs
- Available in 2 1/2" and 3" sizes
- 1 1/2" diameter peanut gauge (0-300) with guard
- Grade B 3%-2%-3% accuracy
- 2 1/2" weight: 2 lbs., length: 5"
- 3" weight: 2 1/2 lbs., length: 5 1/2"
- Certified calibrated gauges
- Pyrolite® construction

Style	Description	Description
LG-15	1 1/2" (38 mm)	Line Gauge
LG-25	2 1/2" (65 mm)	Line Gauge
LG-30	3" (75 mm)	Line Gauge
LG-35	3 1/2" (89 mm)	Line Gauge
LG-40	4" (100 mm)	Line Gauge
LG-45	4 1/2" (114 mm)	Line Gauge
LG-50	5" (125 mm)	Line Gauge
LG-60	6" (150 mm)	Line Gauge



LG-25

Style 35

### Cap Gauge

- Certified calibrated gauges
- Designed for determining the static pressure of water in fire hydrants, fire hoses, and/or fire pumps
- 3 1/2" liquid filled 0-160 psi (0-1100 kpa) gauge, 2 p.s.i. (20 kpa) increments, ±1% accurate full scale
- Pyrolite® construction

Style	Description
CG-15	1 1/2" (38 mm) NH Cap Gauge
CG-25	2 1/2" (65 mm) NH Cap Gauge
CG-30	3" (75 mm) NH Cap Gauge
CG-35	3 1/2" (89 mm) NH Cap Gauge
CG-40	4" (100 mm) NH Cap Gauge
CG-40S	4" (100 mm) Storz Cap Gauge

Style	Description
CG-45	4 1/2" (114 mm) NH Cap Gauge
CG-50	5" (125 mm) NH Cap Gauge
CG-50S	5" (125 mm) Storz Cap Gauge
CG-60	6" (150 mm) NH Cap Gauge
CG-60S	6" (150 mm) Storz Cap Gauge



CG-25





## Pressure Gauges

- Liquid Filled
- 3 1/2" face, 1/4" NPT bottom mount
- ± 1% full scale accuracy

Style	Pressure/Vacuum Range	"Marked Increments"	Gauge Type	Mounting Location
31	0-200psi	2 psi	Pressure	
32	0-300psi	5 psi	Pressure	
FK-350	0-60psi	1 psi	Pressure	
FK-351	0-100psi	2 psi	Pressure	
FK-352	0-160psi	5 psi	Pressure	
FK-360	0-200psi	2 psi	Pressure	
FK-353	0-300psi	2 psi	Pressure	
FK-354	0-400psi	5 psi	Pressure	
FK-355	0-600psi	10 psi	Pressure	
FK-702	0-30mmhg (0-100KPA)	0.5 in Hg	Vacuum	2 back studs 1/4" NPT
FK-703	0-160	5 psi	Pressure	2 back studs 1/4" NPT
FK-704	0-300	2 psi	Pressure	2 back studs 1/4" NPT
FK-707	0-400	5 psi	Pressure	2 back studs 1/4" NPT
FK-708	0-600	10 psi	Pressure	2 back studs 1/4" NPT



Style 31

## Tachometers

### HAND HELD RPM - TACHOMETER

- Includes a cone and a flat tip
- Measures RPM in either direction
- Operating range is 0 to 4000 RPM, 50 RPM increments, ± 3% accurate full scale accuracy



HT-4000

## Digital Tachometer

### HT-7000

HT-7000 – is a digital, battery-powered portable non-contact optical tachometer (red LED), which operates up to 36 inches from a reflective tape target using an LED light source. The ergonomic design allows safe, direct line-of-sight viewing of both the rotating target and the display at the same time, while providing a no-slip rubber surface for single hand operation.

- Optical 5 - 99,999 RPM
- Contact 5 - 20,000 RPM
- Accuracy ± 1 RPM
- Resolution 1 RPM



HT-7000

## Hand Held Pitot

### HH-PITOT

- Heavy duty aluminum blade and stainless steel pitot tube
- Pitot blade has numbered increments for increased accuracy
- Conveniently located bleeder valve
- 3 1/2" liquid filled 0-160 psi (0-1100 kpa) gauge
- Heavy-duty carrying case



HH-Pitot

## Hydrant Flow Test Kit

### HK-25

- Includes a 2 1/2" barrel with a pitot tube positioned in the waterway and water diffuser assembly
- 3 1/2" liquid filled 0-160 psi (0-1100 kpa) gauge • Supplied with flow charts for accurate measuring
- Pitot tube is positioned for accurate readings
- 2 1/2" female swivel
- Ideal for flows between 608-1851 gpm @ 10-140 psi range

### HK-26

- Same as HK-25 with large, heavy duty, black case (FK-230) 18 3/8" (L) x 14 1/4" (W) x 8" (H)



HK-26



## Large Diameter Kits

### HK-45

- Includes a 4 1/2" barrel with a pitot tube positioned in the a waterway, and water diffuser assembly
- 3 1/2" liquid filled 0-160 psi (0-1100 kpa) gauge
- Supplied with flow charts for accurate measuring
- Pitot tube is positioned for accurate readings
- Heavy-duty extra large case available

P/N	Size	Flows	
		Low	High
HK-30	3" (76 mm)	391 GPM (1480 LPM)	2762 GPM (10455 LPM)
HK-35	3.5" (89 mm)	532 GPM (2014 LPM)	3759 GPM (14229 LPM)
HK-40	4" (102 mm)	694 GPM (3627 LPM)	4910 GPM (18586 LPM)
HK-45	4.5" (114 mm)	879 GPM (3327 LPM)	6214 GPM (23523 LPM)



## Street "T" Diffuser

The Street "T" Diffuser puts hydrant flushing water where you want it, in the curb side drain or down the gutter.

### ST-25

- 2 1/2" female swivel x 4" pipe
- Length: 21 1/2", Width: 24", Weight: 7 lbs.

### ST-45

- 4 1/2" female swivel x 6" pipe
- Length: 12 3/4", Width: 30 1/2", Weight: 14 lbs.



## Portable Flow Meter

### 9301 Portable Flow Meter

- A technologically advanced flow and pressure meter with stainless steel paddle wheel
- Solid state electronics with no moving parts to adjust
- Includes a heavy-duty storage case, 12V internal battery, 110V AC battery charger, 12V DC auto power supply cord
- 2 1/2" female swivel
- Maximum flow 1250 gpm through 2 1/2" sensor body
- Width: 20 1/2", height: 17 1/2", depth: 8 1/2"
- Weight: 30 lbs.



## Calculator

### 9100 Fire Stream/Friction Loss Calculator

Shows nozzle pressure calculations on one side and friction loss on the other side.



Style 9100

## FireCalc™ Pocket Calculator

The FireCalc Pocket Calculator is the training tool every firefighter needs. The Akron FireCalc is the only calculator on the market to offer solutions for engine pressure, friction loss, application rate, flow rate, reaction force...etc! Don't guess on important numbers - use the FireCalc!

### 9900 FireCalc Pocket Calculator

- English and metric capability
- Review feature
- Auto power off
- 5 1/2" x 2 7/8"



Style 9900

# Hand Tools

## Pike Poles

Akron Brass Pike Poles are designed to perform reliably through the toughest use and abuse seen in today's firefighting. Our Pike Poles are constructed with the highest-grade materials and workmanship providing firefighters everywhere with a long lasting, durable, maintenance free tool they can count on. Akron Brass Pike Poles get the job done!



### Ultra-Tough (UT) *5 Times as strong as Ultra-Lite(UL)*

- 1 1/4" Honeycomb re-enforced Fiberglass Rod
- High strength/weight ratio
- 3'-16' Lengths
- Hooks assembled with two heavy-duty spring steel roll pins
- Available in any configuration of pike pole hook and handle options
- Heads are pinned for strength and easier repair
- Optional grip tape available (standard on Shredder)

### Ultra-Lite (UL) *Half the weight of the Ultra-Tough (UT)*

- 1 1/4" fiberglass rod
- 3'-16' lengths
- Hooks assembled with two heavy-duty spring steel roll pins
- Available in any configuration of pike pole hook and handle options
- Heads are pinned for strength and easier repair
- Optional grip tape available (standard on Shredder)

### Double Ultra-Lite (UL-DG)

Same features as our Ultra-Lite but with a two-piece pike pole with a round metal sleeve under the non-slip grip supplied with a pair of roll pins for pole assembly after shipment. This design results in a 9-20' heavy-duty pike pole that can be shipped via UPS.

### Gripper (PP)

- Elliptical shaped solid fiberglass pole
- 3'-16' Lengths
- Heavy-duty hand grips
- Hooks assembled with two heavy-duty spring steel roll pins
- Elliptical rod dimensions 3/4" X 1 1/8"
- Available in any configuration of pike pole hook and handle options
- Heads are pinned for strength and easier repair

### Double Gripper (DG)

Same features as our Gripper but with a two-piece pike pole with an elliptical metal sleeve under the non-slip grip supplied with an epoxy mix and pair of roll pins for pole assembly after shipment. This design results in a 10-16' heavy-duty pike pole that can be shipped via UPS.



UL

UT

Gripper

I-B

Wood



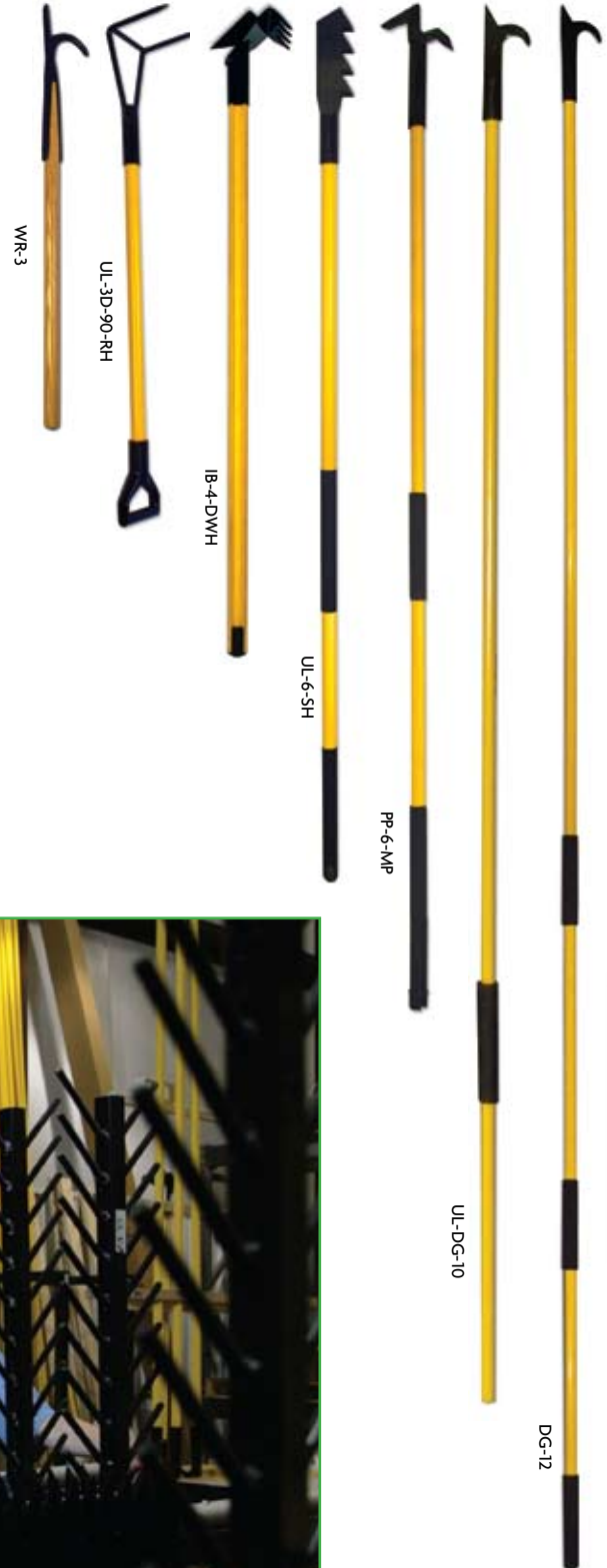
## I-Beam (IB)

- I-Beam shaped solid fiberglass pole
- Ergonomically contoured for easy gripping
- Top of the Pole is fitted with a thumb groove for easy identification of the hooks position.
- 3'-16' Lengths
- Elliptical Rod Dimensions  $\frac{3}{4}$ " X  $1\frac{1}{8}$ "
- Available in any configuration of Pike Pole Hook and Handle Options

## Wood (WR)

- $1\frac{3}{8}$ " diameter white ash
- Shellac finish
- 3'-16' lengths
- Available in configurations of USA Hook, Dry Wall Hook, Rubbish Hook or D-Handle

**Custom  
Sizes Available For  
Most Products**



## Ordering Information

Select one option from each column to build your part number.

Pole	Length	Handle	Pike
UT = Ultra-Tough	3'	__ = Butt End	__ = Standard Hook
UL = Ultra-Lite	4'	D = D-Handle	DWH = Drywall Hook
UL-DG = Double Ultra-Lite	6'	RK = Ram Knob	RH = Rubbish Hook
	8'	D90= D-Handle 90° from Head	MP = Multipurpose w/Ram Knob
IB = I-Beam	10'	HD = Heavy-Duty D-Handle	D-MP = Multipurpose w/D-Handle
PP = Gripper	12'		
DG = Double Gripper	14'		
WR = Wood	16'		
			LARH = LA Trash & Vent
			SH = Shredder



Example: UL - 14 - - DWH

UL-14-DWH = 14" Ultra Lite Pike Pole with Drywall Hook

## Pike Pole Hook Options



## Pike Pole Shipping Information

UPS will charge a minimum of 30 lbs. (OS1) on any package with a length and girth from 84" to 107", 70 lbs. (OS2) on any package with a length and girth from 108" to 129" and 90 lbs. (OS3) on any package with a length and girth from 130" to 165" in addition to the additional handling for any box over 60" and residential delivery charges. OS3 packages will also receive a \$40.00 large package surcharge.

Pike Poles 10' in length or longer must be shipped truck freight unless it is a Double-Ultra Lite or Double Gripper Pole.

## Adapt-a-Pole™

The Adapt-a-Pole is designed to deliver a multi-purpose tool for use in every situation. This tool allows for flexibility & versatility from the same handle. To change tools or hooks, simply disengage the Adapt-a-Pole locking mechanism, select and attach the desired tool or hook for the job. Then it's back to work. There is no longer a need to carry several different tools to accomplish the many tasks around the fire ground. The Adapt-a-Pole provides the tool and hooks for all those tasks in one simple yet effective tool. The Adapt-a-Pole, a must have for every fire apparatus.

### AP-VK ROOF KIT

The Adapt-a-Pole Roof Kit contains:

- 1- USA Hook 3' (AP-3-USA)
- 1- Rubbish / Ventilation Hook 3' (AP-3-RH)
- 1- D-Handle 3' (AP-3-DH)
- 1- Extension 4' (AP-3-EXT)

### AP-SK SALVAGE KIT

The Adapt-a-Pole Salvage Kits contains:

- 1- Dry Wall Hook 3' (AP-3-DWH)
- 1- Squeegee (AP-SQ)
- 1- Square Nose Shovel (AP-SH)
- 1- Push Broom (AP-BH)
- 2- Handles 4' (AP-4-BG)
- 1- Extension 4' (AP-4-EXT)

Additional Adapt-a-Pole Options:

- AP-3-USA 3' USA Hook
- AP-3-RH 3' Rubbish Hook
- AP-3-DWH 3' Dry Wall Hook
- AP-3-BG 3' Bumper Grip
- AP-3-DH 3' D-Handle
- AP-3-EXT 3' Extension
- AP-BH Broom Head
- AP-4-EXT 4' Extension
- AP-4-BG 4' Bumper Grip
- AP-SH Square Nose Shovel Head
- AP-SQ Squeegee
- AP-AS Scoop Shovel Head



## Salvage & Vent Kit Bags

Akron Brass is enhancing its current line of Salvage and Vent Kits by offering a high quality tool duffle bag. This bag was designed specifically for the fire service to perform reliably through years of use.

- Heavy cotton duck lining with rubberized vinyl outer shell for added puncture resistance
- Water and chemically resistant
- Oversized double stitched zippers
- All seams bound for added strength
- Furnished with handles, shoulder strap and one exterior pocket

Part Number	Product Information
690-SB	Salvage Kit Bag
691-VB	Vent Kit Bag





## Roof Hook

Like all Akron Brass pike poles, the Akron Roof Hook is designed to perform reliably through the toughest use and abuse seen in today's firefighting. It is designed with the highest grade materials for a long lasting, durable, and maintenance free tool. This all around tool can be used for forced entry, prying open roof scuttles, and sky lights, sounding floors and roofs, venting windows, probing for extension, pulling ceiling, opening walls, and much more. Add an optional shoulder strap and hands are left free for climbing ladders. The Akron Brass Roof Hook has our 5 year warranty.

- Multipurpose head and chisel foot are on standard ARH tool
- Hollow steel shaft
- Industrial quality abrasive grips shipped loose for personalized placement
- Powder-coated finish for unparalleled corrosion resistance
- Black is standard, color available
- High quality adjustable shoulder strap available

### Available Options:



### Customize Your Roof Hook

	Length	Sholder Strap	Available Options	Custom Colors
ARH	17"	___ = None	___ = Standard Chisel	___ = Black
	24"	S = include shoulder Strap	FC = Fulcrum Chisel	YEL = Yellow
	36"		RK = Ram Knob	RED = Red
	48"		BH = Boston Hook	
	60"			
	72"			
	96"			

Example: **ARH** - **36** - **FC** - **YEL**

ARH-36-FC = 36" Roof Hook with Fulcrum Chisel Black



Length based on overall length of tool including head and foot.



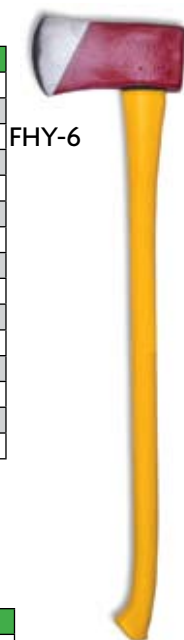
## Axes

Part Number	Product Information
PHY-6	6 lbs. Pick head axe w/36" yellow fiberglass handle
PHY-6-SF	6 lbs. Pick head axe w/36" yellow straight fiberglass handle
FHY-6	6 lbs. Flat head axe w/36" yellow fiberglass handle
FHY-6-SF	6 lbs. Flat head axe w/36" yellow straight fiberglass handle
WP-6	6 lbs. Pick head axe w/36" hickory handle
WF-6	6 lbs. Flat head axe w/36" hickory handle
PHY-8	8 lbs. Pick head axe w/36" straight yellow fiberglass handle w/rubber grip
FHY-8	8 lbs. Flat head axe w/36" straight yellow fiberglass handle w/rubber grip
PHY-8-32	8 lbs. Pick head axe w/32" straight yellow fiberglass handle w/rubber grip
FHY-8-32	8 lbs. Flat head axe w/32" straight yellow fiberglass handle w/rubber grip
WPL-4	3.75 lbs. Pulaski axe w/36" wooden handle
FSY-8	8 lbs. Sledge hammer w/36" yellow fiberglass handle
FSY-10	10 lbs. Sledge hammer w/36" yellow fiberglass handle
FSY-12	12 lbs. Sledge hammer w/36" yellow fiberglass handle
FSY-16	16 lbs. Sledge hammer w/36" yellow fiberglass handle

Replacement handles available for all hand tools

## Axe Mounting Brackets

Part Number	Product Information
AS-510	Axe blade bracket for horizontal mounting; polished aluminum
AS-520	Axe handle bracket; chrome plated zinc
511-SP	1/4" poly spacer for 8 lbs. axes
P-APC	Pick head axe cover w/chain
AS-530	Axe blade bracket for vertical mounting 6 lbs. pick axe; bright alum. treadplate
AS-540	Axe blade bracket for vertical mounting 6 lbs. flat axe; bright alum. treadplate
AS-550	Axe blade bracket for vertical mounting 8 lbs. pick axe; bright alum. treadplate
AS-560	Axe blade bracket for vertical mounting 8 lbs. flat axe; bright alum. treadplate
AS-570	8 lbs. and 10 lbs. sledge bracket for vertical mounting; bright alum. treadplate



FHY-6



P-APC

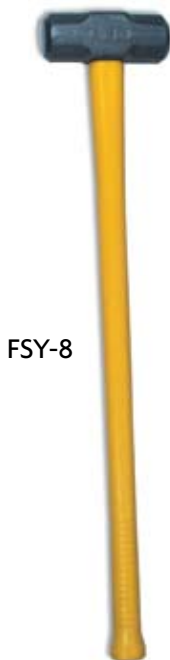
AS-510



PHY-6



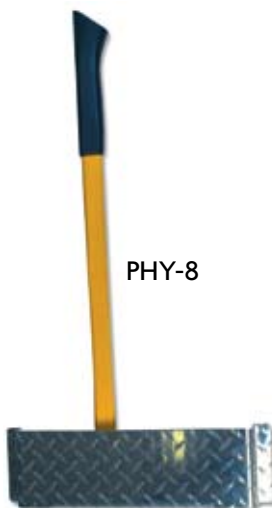
AS-520



FSY-8

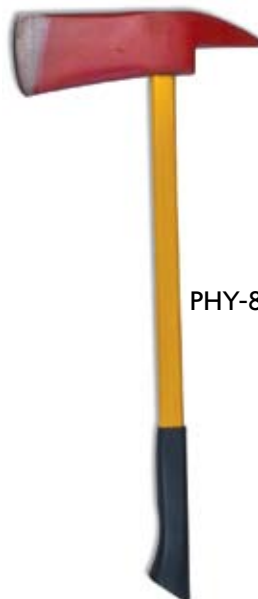


WPL-4



PHY-8

AS-550



PHY-8



WP-6

# Fire Brooms, Rakes, Beaters, Shovels & Squeegees

## Fire Brooms, Rakes, Beaters, Shovels & Squeegees



Part Number	Product Information
FB-15	Fire Beater w/60" wooden handle
FB-60F	Fire Beater w/60" fiberglass handle
UL-FB-60F	Fire Beater w/60" hollow fiberglass handle
FR-12	Fire Rake w/60" wooden handle
FR-60F	Fire Rake w/60" fiberglass handle
UL-FR-60F	Fire Rake w/60" hollow fiberglass handle
FB-42	Fire Broom Perfex Model 1304
FB-42C	Fire Broom Perfex Model 1304, Case of 12
AS-27D	Scoop Shovel w/ 27" Ultra-Lite Fiberglass Rod & D-Handle
RS-48F	Round Point Shovel w/ 48" Ultra-Lite Handle
SS-48F	Square Point Shovel w/ 48" Ultra-Lite Handle
UL-SQ-60F	18" Squeegee Head w/ 60" Ultra-Lite Handle (One Piece)
UL-SQ24-60F	24" Squeegee Head w/ 60" Ultra-Lite Handle (One Piece)
UL-DG-SQ	18" Squeegee Head w/ 60" Ultra-Lite Handle (Three Piece)
UL-DG-SQ24	24" Squeegee Head w/ 60" Ultra-Lite Handle (Three Piece)
WR-MT-48	McLeod Tool, 2 piece with 48" wood handle
UL-MT-48	McLeod Tool, 2 piece with 48" ultra lite handle





## Pinch Point Bars

Part Number	Product Information
PPB-36	36" Pinch point bar, 6 lbs.
PPB-51	51" Pinch point bar, 12 lbs.
PPB-60	60" Pinch point bar, 18 lbs.
PPBH	Pinch point bar holder set, spring loaded, raised mounting; chrome plated zinc.

Lengths may vary, bars are sold by weight.



## Brackets For Pike Poles

Pike Pole brackets are constructed of the finest materials and are pre-holed for easy mounting.

- PPBK**
  - Designed to fit the contour of any pike pole handle
  - Ideal for mounting between  $\frac{3}{4}$ " -  $1\frac{1}{4}$ " in diameter handles
- PPBK-LG**
  - Designed to hold either round or elliptical shapes between  $1\frac{1}{2}$ " -  $1\frac{3}{4}$ " in size
- HM-58**
  - $1\frac{1}{8}$  -  $1\frac{3}{8}$ " O.D. horizontal pole mount with gasket
  - Chrome plated zinc construction
  - Works great with "I-Beam" and "Ultra-Lite" pike poles
- HM-59**
  - $1\frac{3}{8}$  -  $1\frac{3}{4}$ " O.D. horizontal pole mount with gasket
  - Chrome plated zinc construction
- VM-58**
  - $1\frac{1}{8}$  -  $1\frac{3}{8}$ " O.D. vertical pole mount with gasket
  - Chrome plated zinc construction
  - Works great with "I-Beam" and "Ultra-Lite" pike poles
- VM-59**
  - $1\frac{3}{8}$  -  $1\frac{3}{4}$ " O.D. vertical pole mount with gasket
  - Chrome plated zinc construction
- PPR-60**
  - Pike pole ring with gasket
  - Chrome plated zinc construction
  - Works well with all pike poles, excluding the D-Handle



## Tool Brackets

- Heavy-duty Tool Brackets have covered jaws for securing various tools
- Akrolite™ construction

- 39**  $\frac{3}{4}$ " - 1" **Horizontal Tool Bracket**
  - Fits smaller tools and applicators with  $\frac{3}{4}$ " to 1" O.D.
  - Length:  $3\frac{7}{8}$ ", weight: 4 oz.
  - Fits Styles 15, 17, 19
- 40**  $1\frac{1}{2}$ " -  $2\frac{1}{2}$ " **Horizontal Tool Bracket**
  - Designed for  $1\frac{1}{2}$ " and  $2\frac{1}{2}$ " applicators and other tools, such as axe handles, with a  $1\frac{1}{8}$ " to  $1\frac{3}{4}$ " O.D.
  - Length:  $4\frac{1}{8}$ ", weight: 4 oz.
  - Fits Styles 1088, 2055, 2015, 2415, 2225
- 41**  $\frac{3}{4}$ " - 1" **Vertical Tool Bracket**
  - Same as Style 39 except for vertical mount
  - Length:  $5\frac{3}{8}$ ", weight: 4 oz.
  - Fits Styles 15, 17, 19
- 42**  $1\frac{1}{2}$ " -  $2\frac{1}{2}$ " **Vertical Tool Bracket**
  - Same as Style 40 except for vertical mount
  - Length:  $5\frac{5}{8}$ ", weight: 4 oz.
  - Fits Styles 1088, 2055, 2015, 2415, 2225



## Spanner Wrenches

### 10 Universal Spanner Wrench

The all-purpose wrench for  $\frac{3}{4}$ " to 3" rocker lug and pin lug couplings. Features a belt hook eye, hammer head and a gas cock shutoff.

- Akrolite™ construction
- Length: 11  $\frac{1}{2}$ ", weight: 8 oz.



Style 10

### 13 Folding Pocket Spanner

A compact universal wrench for easy carrying in a coat pocket. Fits all  $\frac{3}{4}$ " to 3" rocker lug and pin lug couplings.

- Brass construction
- Length: 5  $\frac{1}{8}$ " (folded), weight: 8 oz.



Style 14

### 14 Folding Pocket Spanner

- Akrolite™ construction
- Length: 5  $\frac{1}{8}$ " (folded), weight: 4 oz.



Style 13

### 19 Universal Suction Spanner Wrench

An all-purpose wrench for long handle, rocker lug, or pin lug couplings from 2  $\frac{1}{2}$ " to 6". Open end slips over long handles for additional leverage and claw fits rocker or pin lugs. The opposite end can be used as a pry or crowbar. Inverted "T" body construction for light weight and strength.

- Plated iron
- Length: 18  $\frac{3}{4}$ ", weight: 3  $\frac{1}{4}$  lbs.



Style 19

### 25 Hole Type Spanner Wrench

For hole type, rocker lug and pin lug couplings. Plated for corrosion resistance. Specify either  $\frac{3}{4}$ " - 1" or 2  $\frac{1}{2}$ " size.

- Plated iron construction
- Length: 7", weight: 12 oz.



Style 25

### 46 Fitzall Combination Spanner

Designed to fit rocker lug and pin lug couplings from  $\frac{3}{4}$ " to 4" gas cock shutoff in handle.

- Akrolite construction
- Length: 10  $\frac{1}{4}$ ", weight: 8 oz.
- NSN 5120-00-018-1519



Style 46

### SS-525 Super Spanner Wrench

Fits any standard 4" and 5" storz or locking type storz coupling on one end. The other end fits 1  $\frac{1}{2}$ " to 3" rocker lug type fire hose couplings. The center slot serves as a gas shut-off. Bent for easy pick up with a gloved hand; bright zinc plated.



SS-525

### SS-MP Super Spanner Set

Set includes mounting plate and four SS-525 super spanner wrenches

### SS-523 Single Ended Spanner Wrench

Fits any standard 4" and 5" storz or locking type storz coupling with handle grip; bright zinc plated.



SS-MP

### SS-523-MP Single Ended Spanner Set

Set includes mounting plate and four SS-523 single ended spanners

### SS-MPX Spanner Mounting Plate

Mounting plate for SS-523 & SS-525 spanner wrenches



SS-523-MP

## Aluminum Wrench Holders

Anodized Aluminum Dual Wrench Holder is designed so wrenches can be snatched loose or replaced with one hand.

- Anodized aluminum for durability
- 2 or 3 wrench options
- Designed so wrenches can be snatched loose with one hand

**0441 3 Wrench Holder**

**0442 3 Wrench Holder with (1) 15 & (2) 46**

**0443 3 Wrench Holder with (1) 15 & (2) 10**

**446 2 Wrench Holder**

- Size: 5" x 11 1/2", weight: 1 1/2 lbs.

**447 2 Wrench Holder with Wrenches**

- Holder with (2) Style 46 wrenches

**448 2 Wrench Holder with Wrenches**

- Holder with (2) Style 10 wrenches

**449 2 Wrench Holder with Wrenches**

- Holder with (1) Style 10 and (1) Style 46 wrench



Style 443



Style 448

## Nylon Wrench Holder/Sets

Impact resistant Nylon Wrench Holder is designed to hold either (2) Spanners or (2) Spanners and a Hydrant Wrench. Holders will withstand temperatures to -40° F and have a 10 year guarantee against breakage.

**2441 3 Wrench Holder**

- Size: 4 1/2" x 10", weight: 10 oz.

**2442 3 Wrench Holder with Wrenches**

- Holder with (1) Style 15 and (2) Style 46 wrenches

**2443 3 Wrench Holder with Wrenches**

- Holder with (1) Style 15 and (2) Style 10 wrenches

**2446 2 Wrench Holder**

- Size: 4 1/2" x 7 1/2", weight: 8 oz.

**2447 2 Wrench Holder with Wrenches**

- Holder with (2) Style 46 wrenches

**2448 2 Wrench Holder with Wrenches**

- Holder with (2) Style 10 wrenches



Style 2443



## Hydrant Wrenches

**15 Hydrant and Spanner Wrench**

The Hydrant Wrench adjusts to a pentagon nut up to 1 3/4" from point to flat or to a square nut up to 1 1/4". Designed to help prevent damage to hydrant nuts. Spanner fits 2 1/2" to 4 1/2" rocker lug or pin lug couplings. Plated for corrosion resistance. Replaceable brass insert.

- Plated for corrosion resistance
- Length: 19 1/2", weight: 5 lbs.

**17 Adjustable Hydrant Wrench**

The Hydrant Wrench adjusts to a pentagon nut up to 1 3/4" from point to flat or to a square nut up to 1 1/4".

- Plated for corrosion resistance
- Length: 18 5/8", weight: 4 1/2 lbs.



Style 15



Style 17



# Fittings & Accessories



<b>630</b> <b>Angle Elbow</b> SWIVEL FEMALE x MALE
• 2 1/2" & 3" sizes in 30° (64 & 76 mm)
• 4" size 45° (102 mm)
† 2 1/2" x 2 1/2" (65 x 65 mm)
3" x 2 1/2" (75 x 65 mm)
3" x 3" (76 x 76 mm)
◇ 4" x 4" (100 x 100 mm)

<b>632</b> <b>90° Suction Elbow</b> FEMALE x MALE
† ◇ 2 1/2" x 2 1/2" (65 x 65 mm)
◇ 4" x 4" (100 x 100 mm)
† 5" x 5" (125 x 125 mm)

<b>655</b> <b>90° Front Suction Elbow with Strainer</b> FEMALE NPT x MALE NH
# 4" x 4" (100 x 100 mm)
# 4" x 4 1/2" (100 x 114 mm)
# ◇ 5" x 5" (125 x 125 mm)
# ◇ 5" x 6" (125 x 150 mm)

<b>635</b> <b>90° Continuous Swiveling Elbow</b> FEMALE NPT x MALE NH or NPSH
• Full 2" (51 mm) waterway with cast-in turning vane
# 1 1/2 2" or 2" female x 1 1/2" male (38 or 50 x 38 mm)
2 7/16" or 4 5/8" length
# 2 1/2" female x 2 1/2" male (63 mm x 65 mm)
5" length

<b>347</b> <b>Hose Plug</b>
• Available with rocker lug
• Chain optional through 4" (102 mm)
† 1 1/2" (38 mm)
† 2" (50 mm)
† 2 1/2" (65 mm)
† 3" (75 mm)
3 1/2" (89 mm)
† 4" (100 mm)
4 1/2" (114 mm)
5" (125 mm)
6" (150 mm)

<b>KEY</b>
√ Optional with strainer
* Pyrolite
† Cast or chrome
◇ Chrome Ends with Red Paint
# Cast brass

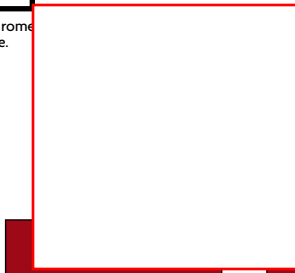
NOTE: All items are chrome unless noted otherwise.



<b>326</b> <b>British Instantaneous Adapter</b> MALE x BIM
*# 1 1/2" x 2 1/2" (38 x 38 mm)
*# 2 1/2" x 2 1/2" (65 x 65 mm)



<b>335</b> <b>Double Female Swivel Adapter</b>
* † 1 1/2" (38 mm)
† 2" (50 mm)
* † 2 1/2" (65 mm)
3" X 2 1/2" (75 x 38 mm)
† 3" (75 mm)



<b>354</b> <b>Female Swivel to Male Adapter</b>
• Long handle or rocker lug
2 1/2" x 2 1/2" (65 x 65 mm)
2 1/2" x 3" (65 x 75 mm)
2 1/2" x 3 1/2" (65 x 89 mm)
2 1/2" x 4" (65 x 100 mm)
2 1/2" x 4 1/2" (65 x 114 mm)
2 1/2" x 5" (65 x 125 mm)
2 1/2" x 6" (65 x 150 mm)
3" x 2 1/2" (75 x 65 mm)
3" x 3" (76 x 76 mm)
3" x 3 1/2" (75 x 89 mm)
3" x 4" (75 x 100 mm)
3" x 4 1/2" (75 x 114 mm)
3 1/2" x 2 1/2" (89 x 89 mm)
3 1/2" x 3" (89 x 75 mm)
3 1/2" x 4 1/2" (89 x 114 mm)
4" x 2 1/2" (100 x 64 mm)
4" x 3" (100 x 75 mm)
4" x 4 1/2" (100 x 114 mm)
4" x 5" (100 x 125 mm)
4" x 6" (100 x 153 mm)
4 1/2" x 2 1/2" (114 x 65 mm)
4 1/2" x 4" (114 x 100 mm)
4 1/2" x 4 1/2" (114 x 114 mm)
4 1/2" x 5" (114 x 125 mm)
4 1/2" x 6" (114 x 150 mm)
5" x 4" (125 x 100 mm)
5" x 4 1/2" (125 x 114 mm)
5" x 6" (125 x 150 mm)
6" x 2 1/2" (150 x 65 mm)
6" x 4" (150 x 100 mm)
6" x 4 1/2" (150 x 114 mm)
6" x 5" (150 x 127 mm)



<b>357</b> <b>Double Female Swivel Adapter</b>
• Long handle or rocker lug
3 1/2" x 3 1/2" (89 x 89 mm)
4" x 2 1/2" (100 x 65 mm)
4" x 3 1/2" (100 x 89 mm)
* 4" x 4" (100 x 100 mm)
* 4 1/2" x 2 1/2" (114 x 114 mm)
4 1/2" x 3" (114 x 75 mm)
4 1/2" x 4" (114 x 100 mm)
* 4 1/2" x 4 1/2" (114 x 114 mm)
* 5" x 2 1/2" (125 x 65 mm)
* 5" x 4" (125 x 100 mm)
* 5" x 4 1/2" (125 x 114 mm)
5" x 5" (125 x 125 mm)
* 6" x 2 1/2" (150 x 65 mm)
6" x 3 1/2" (150 x 89 mm)
6" x 4" (150 x 100 mm)
* 6" x 4 1/2" (150 x 114 mm)
* 6" x 5" (150 x 125 mm)
* 6" x 6" (150 x 150 mm)

- 1422 Rigid Direct Connect Base**
- For adapting an 1 1/2" nozzle base to a 2 1/2" hose line
  - Pyrolite® construction
  - 2 1/2" female x 1 1/2" male
  - Tapered waterway for reduced turbulence
  - Weight: 12 oz.



Style 1422

- 422 Rigid Direct Connect Base**
- Same as Style 1422 except brass with cast or chrome finish
  - Weight: 1 1/2 lbs.



<b>345</b> <b>Hose Cap</b>
• Available with rocker lug
• 2" and 3" (51 & 76 mm) available with long handle
• Chain optional
† 3/4" GHT (19 mm)
† 1" (25 mm)
† 1 1/2" (38 mm)
† 2" (50 mm)
† 2 1/2" (65 mm)
† 3" (75 mm)
† 3 1/2" (89 mm)

**KEY**

- ✓ Optional with strainer
- \* Pyrolite
- † Cast or chrome
- ◇ Chrome Ends with Red Paint
- # Cast brass

NOTE: All items are chrome, unless noted otherwise.



<b>331</b>
<b>Long Internal Lug Adapter</b>
FEMALE NPT x MALE
† 2 1/2" only (65 mm)



<b>330</b>
<b>Short Internal Lug Adapter</b>
FEMALE NPT x MALE
† 1 1/2" x 1 1/2" (38 x 38 mm)
✓† 2 1/2" x 2 1/2" (65 x 65 mm)
† 3" x 2 1/2" (75 x 65 mm)
† 3" x 3" (75 x 75 mm)



<b>337</b>
<b>Rigid Female to Male Adapter</b>
† 3/4" GHT x 1" (19 x 25 mm)
† 1" x 3/4" GHT (25 x 19 mm)
† 1" x 1" (25 x 25 mm)
† 1" x 1 1/2" (25 x 38 mm)
† 1 1/4" x 1" (32 x 25 mm)
† 1 1/2" x 3/4" (38 x 19 mm)
† 1 1/2" x 1" (38 x 25 mm)
† 1 1/2" x 1 1/2" (38 x 38 mm)
† 1 1/2" x 2" (38 x 50 mm)
† 1 1/2" x 2 1/2" (38 x 65 mm)
† 2" x 1" (50 x 25 mm)
† 2" x 1 1/2" (50 x 38 mm)
† 2" x 2" (50 x 50 mm)
† 2" x 2 1/2" (50 x 65 mm)
† 2 1/2" x 3/4" GHT (65 x 19 mm)
† 2 1/2" x 1 1/2" (65 x 38 mm)
† 1 1/2" x 1" (38 x 25 mm)
*† 2 1/2" x 1 1/2" (65 x 38 mm)
† 2 1/2" x 2" (65 x 50 mm)
† 2 1/2" x 2 1/2" (65 x 65 mm)
† 2 1/2" x 3" (65 x 76 mm)
† 2 1/2" x 3 1/2" (65 x 89 mm)
† 3" x 1 1/2" (75 x 38 mm)
† 3" x 2 1/2" (75 x 65 mm)
† 3" x 3" (75 x 75 mm)
† 3" x 3 1/2" (75 x 89 mm)
† 3 1/2" x 2 1/2" (89 x 65 mm)
† 3 1/2" x 3" (89 x 75 mm)



<b>356</b>
<b>Rigid Female to Male Adapter</b>
† 2 1/2" x 4" (65 x 100 mm)
† 3 1/2" x 4" (89 x 100 mm)
† 4" x 2 1/2" (100 x 65 mm)
† 4" x 3" (100 x 75 mm)
† 4" x 3 1/2" (100 x 89 mm)
† 4" x 3" (100 x 75 mm)
† 4" x 3 1/2" (100 x 89 mm)
✓† 4" x 4" (100 x 100 mm)
† 4" x 4 1/2" (100 x 114 mm)
† 4" x 5" (100 x 125 mm)
† 4" x 6" (100 x 153 mm)
† 4 1/2" x 2 1/2" (114 x 65 mm)
† 4 1/2" x 3" (114 x 75 mm)
† 4 1/2" x 4" (114 x 100 mm)
† 4 1/2" x 4 1/2" (114 x 114 mm)
† 4 1/2" x 5" (114 x 125 mm)
† 4 1/2" x 6" (114 x 150 mm)
† 5" x 2 1/2" (125 x 65 mm)
† 5" x 3" (125 x 75 mm)
† 5" x 4" (125 x 100 mm)
✓† 5" x 4 1/2" (125 x 114 mm)
† 5" x 5" (125 x 125 mm)
† 5" x 6" (125 x 150 mm)
† 6" x 3" (150 x 75 mm)
† 6" x 4" (150 x 100 mm)
✓† 6" x 4 1/2" (150 x 114 mm)
✓† 6" x 5" (150 x 125 mm)
† 6" x 6" (150 x 150 mm)



<b>338</b>
<b>Suction Lug Adapter with Strainer</b>
FEMALE NPT x FEMALE SWIVEL
† 1 1/2" x 1 1/2" (38 x 38 mm)
† 2 1/2" x 2 1/2" (65 x 65 mm)
† 3" x 2 1/2" (75 x 65 mm)
3" x 3" (75 x 75 mm)
3" x 3 1/2" (75 x 89 mm)
3 1/2" x 3 1/2" (89 x 89 mm)
3 1/2" x 4" (89 x 100 mm)
4" x 3 1/2" (100 x 89 mm)
† 4" x 4" (100 x 100 mm)



<b>361</b>
<b>Double Male Hex Nipple</b>
# 3/4" x 3/4" (19 x 19 mm)
GHT or NPSH
# 1" x 3/4" GHT (25 x 19 mm)
† 1" x 1" (25 x 25 mm)
# 1 1/2" x 1" NH (38 x 25 mm)
† 1 1/2" x 1 1/2" (38 x 38 mm)
† 2" x 1 1/2" NH (50 x 38 mm)
† 2" x 2" (50 x 50 mm)
† 2 1/2" NH or (65 mm)
NPT, or NPSH
† 2 1/2" x 2 1/2" (65 x 65 mm)



<b>362</b>
<b>Female to Male Hex Nipple</b>
† 3/4" NPT x 3/4" NH (19 x 19 mm)
or NPSH
† 3/4" GHT (19 mm)
† 1" x 3/4" GHT (25 x 19 mm)
† 1" x 1" (25 x 25 mm)
1 1/2" x 3/4" GHT (38 x 19 mm)
† 1 1/2" x 1 1/2" (38 x 38 mm)
† 2" x 1 1/2" (50 x 38 mm)
† 2" x 2 1/2" (50 x 65 mm)
† 2 1/2" x 2 1/2" (65 x 65 mm)
† 3" x 2 1/2" (75 x 65 mm)

- 631 60° Angle Elbow**
- For high-rise stand pipes
  - Pyrolite® finish
  - 2 1/2" female x 2 1/2" male
  - Weight: 1 7/8 lbs.

- 633 30° Discharge Elbow**
- For use on the pumper discharge
  - Chrome finish
  - 2 1/2" NPT X 2 1/2" NH weight: 3 lbs.

- 650 Swiveling Elbow**
- For aerial applications
  - Pyrolite finish
  - Full flow waterway with cast-in turning vanes for reduced friction loss
  - Available in 4", 5" and 6" sizes
  - Height 12 1/2"
  - Weight: 8 3/4 lbs.



Style 631



Style 650



Style 633

## Suction Strainers

### 339 Basket Suction Strainer

An economical, high capacity suction strainer with galvanized plated mesh for longer life.

- Available in 2 1/2" and 5" size NH and other selected threads
- 2 1/2" barrel strainer length: 4 7/8", weight: 2 lbs.



Style 339

### 340 Barrel Suction Strainer

Heavy-duty barrel suction strainer with rope eye. Capable of flowing large volumes of water to match today's high capacity pumpers.

- Pyrolite® finish
- Available in 4" through 6" NH; 5" weight: 4 1/4 lbs.
- 5" barrel strainer length: 10", weight: 4 1/4 lbs.



Style 344

### 344 Barrel Suction Strainer

Heavy-duty barrel suction strainer designed to accommodate large volumes of water.

- Steel with nickel chrome plate
- Available in 2 1/2" and 3" size NH and other selected threads
- 2 1/2" barrel strainer length: 6 7/8", weight: 3 lbs.

## Hose Jackets

### 772 2 1/2" Hose Jacket

For emergency repair of burst or leaky hose - or as an emergency adapter for the connection of two hose lines with different threads in situations where pressures do not exceed 150 psi.

- Akrolite® construction and molded neoprene liner
- Fits all 2 1/2" hose from 2 3/4" to 3 5/16" O.D.
- Length: 13", weight: 16 1/2 lbs.

### 773 3" Hose Jacket

- Same as Style 772, except: Fits 3" hose from 3 1/2" to 3 3/4" O.D.
- Length: 15", weight: 26 3/4 lbs.

### 352 2 1/2" Hose Jacket Mounting Peg

- For mounting 2 1/2" hose jacket on a running board or in a compartment
- Length: 13 3/8", weight: 2 1/4 lbs.

### 353 3" Hose Jacket Mounting Peg

- Same as Style 352, except for 3" hose jacket
- Length: 15 1/2", weight: 3 3/4 lbs.



Style 772

## Hose Clamp

### 588 Hose Clamp

- For use on double-jacketed woven hose up to 3"
- Rubber jaws and lock
- Lightweight for easy handling
- Supplied with Style 589 mounting bracket
- Length: 30", weight: 16 lbs.

### 589 Hose Clamp Mounting Bracket

- For Style 588 Hose Clamp



Style 588



## Equipment Holders

- 350 Mounting Plate**
- Chrome plated
  - Available in 1" to 6" sizes
  - For securing equipment with female threads
  - Screw type mount with bolt holes in the center for neat appearance
  - 2 1/2" weight: 12 oz.
- 373 E-Z - Lok Nozzle Holder**
- Available in 1 1/2" and 2 1/2" sizes - Must specify
  - For securing equipment with female threads
  - Quick release for fast and easy mounting and removal
  - Weight: 1 5/8 lbs.



Style 350



Style 373

## Taps And Dies

- 90 1 1/2" and 2 1/2" Die**
- For chasing damaged brass male threads
  - Made of hardened tool steel
  - Available in NH, and NPSH only
  - 2 1/2" weight: 3 1/4 lbs.
- 91 1 1/2" and 2 1/2" Tap**
- Same as Style 90, except for chasing female threads
  - 2 1/2" weight: 3 1/2 lbs.



Style 90



Style 91

## Sprinkler Shutoff

- 1078 Quickfit Sprinkler Shutoff**
- Simple, quick, positive shutoff for many types of sprinkler heads with openings of approximately 7/8" wide by 1" high or 3/4" wide by 1 1/16" high. Allows sprinkler heads out of fire area to be shut off. Weight: 6 oz.



Style 1078

## Lubricants

Repair instructions for Akron® products often call for lubricants to ensure proper repair and long term service.

- 9201 Parker® O-Lube**
- 4 oz. tube
- 9202 Low-Temp Lubriplate®**
- 10 oz. tube
- 9203 Low-Temp Lubriplate**
- 14 1/2 oz. cartridge



Style 9201



Style 9202



Style 9203



## Tool Kit

### 9200 Nozzle Repair Tool Kit

Self-contained kit includes the tools needed to repair standard Akron® Nozzles. All tools packaged in a carrying case.

- Tools include:
  - Hammer
  - Pliers
  - Open Face Spanner
  - Strap Wrench
  - O-Ring Lubricant
  - 2 O-Ring Tools
  - 2 Screw Drivers
  - 2 Punches
  - 3 Swivel Adapter Tools
  - 8 Hex Wrenches
- Size: 12" x 8 1/2" x 2 3/4"
- Weight: 8 1/2 lbs.



Style 9200

## Expansion Units

### 75 Expansion Units

- Available in 1 1/2", 1 3/4", 2", 2 1/2" - 6" sizes
- Expansion Units consist of hardened steel segments, segment holder and drawbar
- Hard chromed for longer life
- The 2 1/2" and 3" sizes use a 2 1/2" drawbar and 3 1/2" - 6" use a 3 1/2" drawbar



Style 75

## Leaf Thread Gauge

### 70 Leaf Thread Gauge

- Used to determine number of threads per inch



Style 70

## Specialty Tools

### 50 Utility Bar

A zinc-plated, all-purpose, forcible entry tool.  
Weight: 8 1/2 lbs., length: 26"



Style 50

## Heat Sensors

### 9011 Heat Sensor with Laser Sight

- Only 9.5 oz.
- Backlit  $\frac{7}{16}$ " LCD display
- Detects surface temperature of  $-25^{\circ}$  to  $950^{\circ}\text{F}$  ( $-32^{\circ}$  to  $545^{\circ}\text{C}$ )
- Includes 9V battery and compact storage case
- D:S-12:1

### Mini Heat Sensor with Laser Sight

- Only 8 oz.
- Backlit LCD display
- Detects surface temperature of  $0^{\circ}$  to  $525^{\circ}\text{F}$  ( $-18^{\circ}$  to  $275^{\circ}\text{C}$ )
- Includes 9V battery
- D:S-8:1



Style 9011

Style 9011  
Mini

## Hose Accessories

### 583 Hose Hoist

- Akrolite™ construction
- For raising or lowering hose, ladders, etc. to and from the roof or through windows
- Weight:  $7\frac{1}{8}$  lbs.



Style 583

### 78 Hose & Ladder Strap

- Secures hose up to 3" on ladders, fire escapes, etc. and aids in the handling of hose
- Anodized aluminum fittings with 1" wide, flat, water-resistant nylon webbing
- Fits ladder rungs up to 2" O.D.
- Weight: 1 lbs.

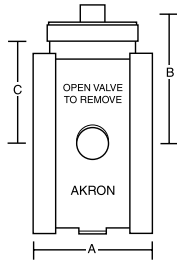


Style 78



# Valve Guide

## BODY DIMENSION KEY



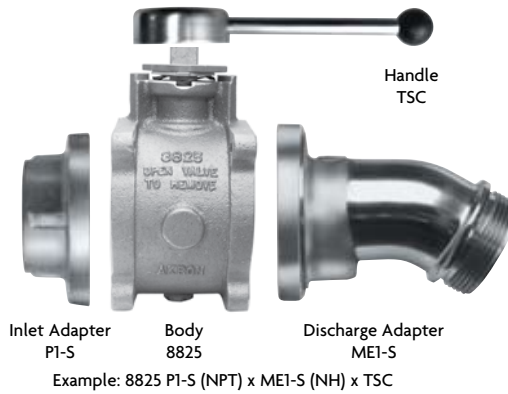
- A: Overall body length  
 B: From centerline of waterway to centerline of handle  
 C: From centerline of waterway to actuator mounting surface

## KEY

* 1/4" and 3/4" NPT taps	+ Eccentric flange face
** (2) 3/4" NPT taps	++ Slotted valve flange
*** 3/4" NPT tap	+++ 8 holes flange - Use 4
† 30° Angle	# 4 hole flanges with 4 3/8" BC - for spacing
†† 90° Angle	◇ (3) 3/4" NPT Taps

## VALVE GUIDE

To place an order, state the style number, inlet and outlet adapters needed (always list inlet adapter first), and the type of handle/actuator. All threaded adapters require thread information. Rigid female adapters are available only with tapered pipe thread (NPT). Hose threaded adapters will be supplied with National Hose (NH) thread unless otherwise specified.



Inlet Adapter P1-S      Body 8825      Discharge Adapter ME1-S  
 Example: 8825 P1-S (NPT) x ME1-S (NH) x TSC

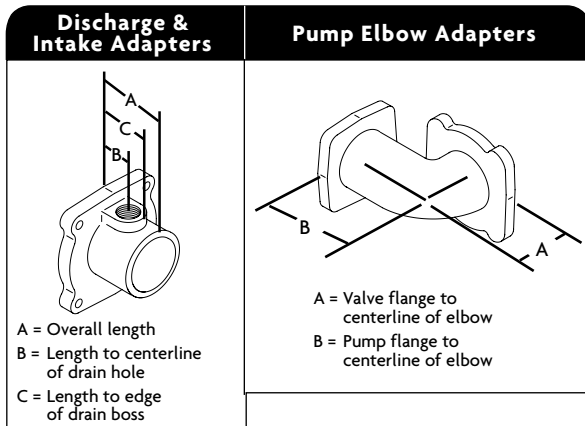
## 8800 & 8600 Series Valves

STYLE	SIZE	A	B	
			R-1	SZ
8820 8620	2" (51 mm)	3" (76 mm)	3 3/4" (95 mm)	4 5/32" (106 mm)
8825 8625	2 1/2" (64 mm)	3 1/2" (89 mm)	4 1/8" (105 mm)	4 3/16" (106 mm)
8830 8630	3" (76 mm)	4" (102 mm)	4 5/8" (105 mm)	4 9/16" (116 mm)
8835	3 1/2" (89 mm)	4" (102 mm)	4 1/2" (114 mm)	4 9/16" (116 mm)
8840	4" (102 mm)	4" (102 mm)	-	-

## Akron Swing-Out Valve Bolt Circle Diameter:




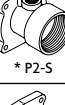

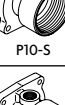
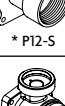
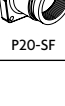


VALVE SIZE	BOLT CIR. DIA.
1" (25 mm)	2 3/4" (70 mm)
1 1/2" (35 mm)	3 1/2" (89 mm)
2" (51 mm)	4 1/2" (114 mm)
2 1/2" (64 mm)	5 3/8" (137 mm)
3 & 3 1/2" (76 & 89 mm)	6 1/8" (156 mm)
4" (102 mm)	7 1/16" (179 mm)

## Valve Dimension Key





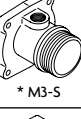
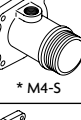
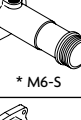

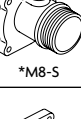

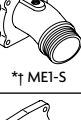





KEY	
* 1/4" and 3/4" NPT taps	+ Eccentric flange face
** (2) 1/4" NPT taps	++ Slotted valve flange
*** 3/4" NPT tap	+++ 8 holes flange - Use 4
† 30° Angle	# 4 hole flanges with 4 3/8" BC - for spacing
†† 90° Angle	◇ (3) 1/4" NPT Taps

## Rigid NPT

STYLE		SIZE						
		1" (25 mm)	1 1/8" (38 mm)	2" (51 mm)	2 1/2" (64 mm)	3" (76 mm)	3 1/2" (89 mm)	4" (102 mm)
 M1-S	A	1 21/32" (42 mm)	1 5/16" (33 mm)	1 5/8" (41 mm)	2" (51 mm)	2 1/16" (52 mm)	2 7/32" (56 mm)	2 21/32" (75 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 M12-S	A	-	-	1 15/16" (49 mm)	-	3 3/4" (95 mm)	-	-
	B	-	-	-	-	-	-	-
	TH'D	-	-	2 1/2" NPT (64 mm)	-	4" NPT (102 mm)	-	-
 P1-S	A	1 1/8" (29 mm)	1 1/8" (29 mm)	1 1/4" (32 mm)	1 7/8" (48 mm)	1 7/8" (48 mm)	2" (51 mm)	2 1/8" (54 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 * P2-S	A	-	3 3/8" (86 mm)	3 1/4" (83 mm)	3 19/32" (91 mm)	3 7/16" (87 mm)	4" (102 mm)	4 5/16" (110 mm)
	B	-	1 5/8" (41 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)
	C	-	1 3/8" (35 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 19/32" (66 mm)
 *P2-SE	A	-	-	-	4 3/16" (106 mm)	-	-	-
	B	-	-	-	1 3/4" (44 mm)	-	-	-
	C	-	-	-	2 15/32" (63 mm)	-	-	-
 P10-S	A	-	1 1/4" (32 mm)	2 1/32" (52 mm)	3 5/16" (84 mm)	-	-	-
	B	-	-	-	-	-	-	-
	TH'D	-	2" NPT (51 mm)	2 1/2" NPT (64 mm)	3" NPT (76 mm)	-	-	-
 * P12-S	A	-	-	-	-	3 3/4" (95 mm)	-	-
	B	-	-	-	-	1 3/8" (35 mm)	-	-
	TH'D	-	-	-	-	4" NPT (102 mm)	-	-
 P20-SF	A	-	-	3 5/32" (80 mm)	3 7/16" (87 mm)	4" (102 mm)	-	4" (102 mm)
	TH'D	-	-	2" NPT (51 mm) 2 1/2" VIC (64 mm)	2 1/2" NPT (64 mm) 3" VIC (76 mm)	3" NPT (76 mm)	-	4" NPT (102 mm)
 ◇ P30-SCV	For Flow Meter							
	A	-	5 5/8" (143 mm)	5 27/32" (148 mm)	6 1/4" (159 mm)	7 1/2" (191 mm)	-	-
	B	-	1 21/32" (42 mm)	3 7/8" (98 mm)	4 9/32" (109 mm)	4 15/16" (125 mm)	-	-
	TH'D	-	1 1/2" NPT (34 mm) 2" VIC (51 mm)	2" NPT (51 mm)	2 1/2" NPT (64 mm)	3" NPT (76 mm)	-	-
 P40-SCV	Built-in Check Valve							
	A	-	-	-	-	6 1/16" (154 mm)	-	-
	3" NPT x 4" Victaulic (76 x 102 mm)							
Built-in Check Valve								



## Male Discharge Adapters

STYLE	SIZE							
	1" (25 mm)	1 1/2" (38 mm)	2" (51 mm)	2 1/2" (64 mm)	3" (76 mm)	3 1/2" (89 mm)	4" (102 mm)	
 M1-S	A	1 11/16" (42 mm)	1 5/16" (33 mm)	1 5/8" (41 mm)	2" (51 mm)	1 7/8" (48 mm)	1 7/8" (48 mm)	2 23/32" (67 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 M2-S	A	-	-	1 15/16" (49 mm)	-	-	-	-
	B	-	-	-	-	-	-	-
	THD	-	-	2 1/2" NH (64 mm)	-	-	-	-
 * M3-S	A	-	-	-	3 3/16" (81 mm)	3 5/16" (84 mm)	5" (127 mm)	3 19/32" (91 mm)
	B	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 13/16" (46 mm)
	C	-	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 5/8" (67 mm)
 * M4-S	A	-	-	-	5" (127 mm)	5" (127 mm)	-	8 3/4" (222 mm)
	B	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	1 13/16" (46 mm)
	C	-	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	2 15/32" (63 mm)
 * M6-S	A	-	-	-	10" (254 mm)	-	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-	-
 * M7-S	A	-	-	-	6 1/2" (165 mm)	-	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-	-
 * M8-S	A	-	-	2 7/8" (73 mm)	-	-	-	-
	C	-	-	1 17/64" (32 mm)	-	-	-	-
	THD	-	-	1 1/2" NH (38 mm)	-	-	-	-
 * M10-S	A	-	-	3 7/32" (82 mm)	-	-	-	-
	B	-	-	1 25/64" (35 mm)	-	-	-	-
	THD	-	-	2 1/2" NH (64 mm)	-	-	-	-
 *† ME1-S	A	-	-	-	6 5/8" (168 mm)	7" (178 mm)	7 3/16" (183 mm)	9 3/4" (248 mm)
	B	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 5/8" (41 mm)
	C	-	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 5/16" (59 mm)
 ** ME2-S	A	-	-	-	-	-	5 1/8" (130 mm)	-
	B	-	-	-	-	-	1 3/8" (35 mm)	-
	C	-	-	-	-	-	2 1/8" (54 mm)	-
 * ME3-S	A	-	-	-	10 5/16" (278 mm)	10 3/8" (264 mm)	10 3/16" (259 mm)	-
	B	-	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	-
	C	-	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	-
 *† ME4-S	A	-	-	-	12 5/16" (313 mm)	-	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-	-
 *† ME5-S 2 1/2" Thread	A	-	-	-	-	6 7/8" (175 mm)	-	-
	B	-	-	-	-	1 3/8" (35 mm)	-	-
	C	-	-	-	-	2 1/8" (54 mm)	-	-
 †† MES1-S	A	-	3 7/32" (82 mm)	3 3/8" (86 mm)	5 3/16" (132 mm)	-	-	-
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-

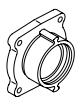

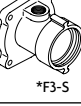
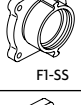









KEY
* 1/4" and 3/4" NPT taps
** (2) 1/4" NPT taps
*** 3/4" NPT tap
† 30° Angle
†† 90° Angle
+ Eccentric flange face
++ Slotted valve flange
+++ 8 holes flange - Use 4
◇ (3) 3/4" NPT Taps

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## Female Intake Adapters Chrome Swivels (Hose Thread)
















STYLE	SIZE						
	1 1/2" (38 mm)	2" (51 mm)	2 1/2" (64 mm)	3" (76 mm)	3 1/2" (89 mm)	4" (102 mm)	
 FI-S	A	1 1/4" (44 mm)	-	2 15/16" (75 mm)	2 15/16" (75 mm)	2 5/8" (67 mm)	3 5/8" (92 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 *F2-S	A	-	-	3 1/2" (89 mm)	3 3/4" (95 mm)	-	5 1/2" (140 mm)
	B	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	1 13/16" (46 mm)
	C	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	2 17/32" (64 mm)
 *F3-S	A	-	-	5 1/2" (140 mm)	5 1/2" (140 mm)	-	-
	B	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	-	-
	C	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	-	-
 FI-SS	A	1 1/4" (44 mm)	-	2 15/16" (75 mm)	2 15/16" (75 mm)	2 5/8" (67 mm)	3 5/8" (92 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 * F2-SS	A	-	-	3 1/2" (89 mm)	3 3/4" (95 mm)	4 1/2" (114 mm)	5 1/2" (140 mm)
	B	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 13/16" (46 mm)
	C	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	2 17/32" (64 mm)
 * F3-SS	A	-	-	5 1/2" (140 mm)	5 1/2" (140 mm)	5 1/2" (140 mm)	-
	B	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	-
	C	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	-
 * F4-SS 2 1/2" swivel	A	-	-	-	3 13/16" (97 mm)	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-
 * F5-SS 2 1/2" swivel	A	-	-	-	5 1/2" (140 mm)	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-
	C	-	-	-	2 1/8" (54 mm)	-	-
 *** F6-SS 4" swivel	A	-	-	-	4" (102 mm)	-	-
	B	-	-	-	1 3/8" (35 mm)	-	-
	C	-	-	-	2 3/32" (53 mm)	-	-
 *** FI2-SS	A	-	4 5/8" (117 mm)	-	-	-	-
	B	-	1 25/64" (35 mm)	-	-	-	-
	THD	-	2 1/2" NH (64 mm)	-	-	-	-
 **† FE2-SS	A	-	-	-	-	6 3/4" (171 mm)	-
	B	-	-	-	-	1 3/8" (35 mm)	-
	C	-	-	-	-	2 1/8" (54 mm)	-
 *† FE3-SS	A	-	-	7 1/8" (181 mm)	7 3/4" (197 mm)	7 7/8" (200 mm)	-
	B	-	-	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	-
	C	-	-	2 1/8" (54 mm)	2 1/8" (54 mm)	2 1/8" (54 mm)	-
 **†† FE6-SS	A	-	-	10 3/4" (273 mm)	-	-	-
	B	-	-	1 3/8" (35 mm)	-	-	-
	C	-	-	2 1/4" (57 mm)	-	-	-

KEY	
*	1/4" and 3/4" NPT taps
**	(2) 3/4" NPT taps
***	3/4" NPT tap
†	30° Angle
††	90° Angle
+	Eccentric flange face
++	Slotted valve flange
+++	8 holes flange - Use 4
◇	(3) 3/4" NPT Taps



# Valve Guide


















## Flex Hose, Solder & Victaulic Adapters

STYLE	SIZE									
	1" (25 mm)	1 1/2" (38 mm)	2" (51 mm)	2 1/2" (64 mm)	3" (76 mm)	3 1/2" (89 mm)	4" (102 mm)			
FLEX	 PI-SH	A	-	-	-	1 7/8" (48 mm)	1 15/16" (49 mm)	-	2 5/16" (59 mm)	
		B	-	-	-	-	-	-	-	
		C	-	-	-	-	-	-	-	
	 PI2-SH	A	-	-	-	-	1 15/16" (49 mm)	-	-	
		3" Adapter with 4" Flex Connection								
		Angle	-	-	-	-	4°	-	-	
	 PA-SH	A	-	-	-	-	2 1/4" (57 mm)	-	-	
		B	-	-	-	-	-	-	-	
		Angle	-	-	-	-	4°	-	-	
	 PO-SH	A	-	-	-	-	2 1/4" (57 mm)	-	-	
		B	-	-	-	-	-	-	-	
		Angle	-	-	-	-	4°	-	-	
SOLDER	 P3-S	A	1 1/8" (29 mm)	1 3/32" (26 mm)	1 1/4" (32 mm)	1 7/8" (48 mm)	1 7/8" (48 mm)	-	-	
		B	-	-	-	-	-	-	-	
		C	-	-	-	-	-	-	-	
	 VI-S	A	1 11/16" (43 mm)	1 3/4" (44 mm)	1 29/32" (48 mm)	1 29/32" (48 mm)	2 3/32" (53 mm)	2 5/32" (53 mm)	2 1/4" (57 mm)	
		B	-	-	-	-	-	-	-	
		C	-	-	-	-	-	-	-	
	 * V3-S	A	-	3 5/16" (84 mm)	3 1/4" (83 mm)	3 3/16" (81 mm)	3 5/16" (84 mm)	-	4" (102 mm)	
		B	-	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	1 3/8" (35 mm)	-	1 15/16" (49 mm)	
		C	-	-	-	-	-	-	-	
	 * V4-S	A	-	-	-	3 1/2" (89 mm)	-	-	-	
		B	-	-	-	1 3/8" (35 mm)	-	-	-	
		C	-	-	-	2 1/8" (54 mm)	-	-	-	
2 1/2" (64 mm) with 3" (76 mm) Victaulic										
 ◇◇ VT1-S	A	-	-	-	-	2 5/32" (52 mm)	-	2 11/32" (60 mm)		
	3" (76 mm) has 3" (76 mm) NPT + 4" (102 mm) Victaulic									
	4" (102 mm) has 4" (102 mm) NPT + 5" (127 mm) Victaulic									
 * VT3-S	A	-	-	-	-	3 7/16" (87 mm)	-	-		
	B	-	-	-	-	1 3/8" (35 mm)	-	-		
	C	-	-	-	-	2 1/8" (54 mm)	-	-		
3" (76 mm) NPT with 4" (102 mm) Victaulic										
 †† VE1-S *** 1 1/2"	A	-	3 5/8" (92 mm)	3 3/4" (95 mm)	-	-	-	-		
	B	-	3" (76 mm)	3" (76 mm)	-	-	-	-		
	C	-	-	-	-	-	-	-		
 *†† VE2-S	A	-	-	5 3/4" (146 mm)	-	-	-	-		
	B	-	-	2 31/32" (75 mm)	-	-	-	-		
	C	-	-	-	-	-	-	-		
 V20-SF For Flow Meter	A	-	-	3 3/16" (81 mm)	3 3/16" (81 mm)	4 1/4" (108 mm)	-	-		
	B	-	-	1 1/4" (32 mm)	1 1/4" (32 mm)	1 5/8" (41 mm)	-	-		
	TH'D	-	-	2" VIC (51 mm)	2" VIC (51 mm)	3" VIC (76 mm)	-	-		
 ◇ V30-SCV	A	-	-	5 27/32" (148 mm)	6 1/4" (159 mm)	7 1/2" (191 mm)	-	-		
	B	-	-	3 7/8" (98 mm)	4 9/32" (109 mm)	4 15/16" (125 mm)	-	-		
	Built-in Check Valve									
 †† VES1-S	A	-	-	3 3/8" (86 mm)	5 3/16" (132 mm)	-	-	-		
	B	-	-	-	-	-	-	-		
	C	-	-	-	-	-	-	-		

KEY
* 1/4" and 3/4" NPT taps
** (2) 3/4" NPT taps
*** 3/4" NPT tap
† 30° Angle
†† 90° Angle
+ Eccentric flange face
++ Slotted valve flange
+++ 8 holes flange - Use 4
◇◇ (3) 3/4" NPT Taps

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## Pump Flange Adapters (Hale Pump Use)

STYLE	SIZE						
	2 1/2" (64 mm)	3 1/3 1/2" (76/89 mm)	4" (102 mm)	ANGLE	BOLT HOLES	BOLT CIR. DIA.	
 B1-SE	A	-	2 7/8" (73 mm)	-	-	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 + B2-SE	A	-	2 7/8" (73 mm)	-	26°	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B3-SE	A	-	3 1/8" (79 mm)	4"	3°30'	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B6-SE	A	-	6 7/8" (175 mm)	-	4°	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B8-SH (Octagonal Flange)	A	-	-	4"	-	8	5 3/4" (146 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B20-SFH	A	-	-	5 27/64" (138 mm)	-	8	5 3/4" (146 mm)
	B	-	-	2 43/64" (68 mm)	-	-	-
	For Flow Meter						
 HDE1-S	A	-	4 9/16" (116 mm)	9 1/2" (241 mm)	90°	8	5 3/4" (146 mm)
	B	-	4 5/16" (110 mm)	5" (127 mm)	-	-	-
	C	-	-	-	-	-	-
 HDE2-S	A	-	4 9/16" (116 mm)	-	90°	8	5 3/4" (146 mm)
	B	-	4 5/16" (110 mm)	-	-	-	-
	Pump flange bolt holes on crosshairs						
 HDE94-S	A	-	-	9 1/2" (241 mm)	94°	8	5 3/4" (146 mm)
	B	-	-	5" (127 mm)	-	-	-
	C	-	-	-	-	-	-
 ++ HD1-S	A	6 1/4" (159 mm)	5 3/4" (146 mm)	-	-	4	4 3/8" (111 mm)
	B	-	-	-	-	-	-
	Angle	5°20'	7°	-	-	-	-
 ++ HD2-S	A	8 1/4" (210 mm)	7 3/4" (197 mm)	-	-	4	4 3/8" (111 mm)
	B	-	-	-	-	-	-
	Angle	3°45'	4°	-	-	-	-
 ++ HD3-S	A	6 5/8" (168 mm)	-	-	5°20'	4	4 3/8" (111 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 HD4-S	A	5 1/4" (133 mm)	-	-	14°5'	4	4 3/8" (111 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 ++ HD5-S	A	10 1/4" (260 mm)	-	-	4°	4	4 3/8" (111 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 ++ HD6-S	A	7 1/4" (184 mm)	-	-	14°50'	8	4 3/8" (111 mm)
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 ++ HD21-SF UP or DN For Flow Meter	A	6 1/4" (159 mm)	-	-	5°20'	4	4 3/8" (111 mm)
	B	3 1/8" (79 mm)	-	-	-	-	-
	C	-	-	-	-	-	-
 ++ SE1-S	A	3 1/4" (83 mm)	2 3/4" (70 mm)	-	90°	4	4 3/8" (111 mm)
	B	5 1/4" (133 mm)	6" (152 mm)	-	-	-	-
	C	-	-	-	-	-	-





### KEY

*	1/4" and 3/4" NPT taps
**	(2) 3/4" NPT taps
***	3/4" NPT tap
†	30° Angle
††	90° Angle
+	Eccentric flange face
++	Slotted valve flange
+++	8 holes flange - Use 4
◇	(3) 3/4" NPT Taps







# Valve Guide

STYLE	SIZE						
	2 1/2" (64 mm)	3" / 3 1/2" (76 / 89 mm)	4" (102 mm)	ANGLE	BOLT HOLES	BOLT CIR. DIA.	
 ++ SE2-S	A	5 1/4" (133 mm)	4 3/4" (121 mm)	-	90°	4	4 3/8" (111 mm)
	B	5 1/4" (133 mm)	6" (152 mm)	-	-	-	-
	C	-	-	-	-	-	-
 ++ SE3-S	A	2 1/2" (64 mm)	-	-	90°	4	4 3/8" (111 mm)
	B	7 3/4" (197 mm)	-	-	-	-	-
	C	-	-	-	-	-	-
 SE4-S	A	8.5" (216 mm)	-	-	-	4	4 3/8" (111 mm)
	B	6" (152 mm)	-	-	-	-	-
	C	-	-	-	-	-	-
 DE3-S	A	-	4 15/16" (125 mm)	4 15/16" (125 mm)	94°	8	5 3/4" (146 mm)
	B	-	5 3/16" (132 mm)	5" (127 mm)	-	-	-
	C	-	-	-	-	-	-









## Pump Flange Adapters (Waterous Pump Use)

STYLE	SIZE							
	2" (51 mm)	2 1/2" (64 mm)	3" / 3 1/2" (76 / 89 mm)	4" (102 mm)	ANGLE	BOLT HOLE	BOLT CIR. DIA.	
 B1-S	A	2 5/8" (67 mm)	2 5/8" (67 mm)	2 7/8" (73 mm)	-	4 (8 on 2")	4 3/8" (111 mm)	
	B	-	-	-	-	-	-	
	C	-	-	-	-	-	-	
 B1-SX	A	-	2 5/8" (67 mm)	-	-	4 slots	4 3/8" (111 mm)	
	B	-	-	-	-	-	-	
	C	-	-	-	-	-	-	
 B3-S Both flanges 4 1/2" BCD	A	-	2 5/8" (67 mm)	-	-	4	4 3/8" (111 mm)	
	B	-	-	-	-	-	-	
Not for valve attachment								
 +++ B4-S	A	-	2 5/8" (67 mm)	2 7/8" (73 mm)	-	8	4 3/8" (111 mm)	
	B	-	-	-	-	-	-	
	C	-	-	-	-	-	-	
 B5-S	A	-	4 5/8" (117 mm)	-	-	4 slots & 4 holes	4 3/8" (111 mm)	
	A	-	-	4 1/2" (114 mm)	-	4 slots	4 3/8" (111 mm)	
	B	-	-	-	-	-	-	
 +++ B6-S	A	-	6" (152 mm)	-	-	8	4 3/8" (111 mm)	
	B	-	-	-	-	-	-	
	C	-	-	-	-	-	-	
 B7-S	A	5.5" (140 mm)	-	-	-	4 slots & 4 holes	-	
	B	-	-	-	-	-	-	
 B1-SH	A	-	5/8"-1 1/8" (16-29 mm)	1 1/16"-1 3/16" (17-30 mm)	-	4°	8	6 5/8" (168 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 B1-SH (4")	A	-	-	-	2" Total (51 mm)	4°	8	6 5/8" (168 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 B2-SH	A	-	1 1/16" (17 mm)	-	-	4	4 3/8" (111 mm)	
	B	-	-	-	-	-	-	
	C	-	-	-	-	-	-	
 B3-SH	A	-	-	1 3/16"-1 11/32" (21-34 mm)	-	4°	4	7 25/32" (198 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 B3-SH (4")	A	-	-	-	2" Total (51 mm)	4°	4	7 25/32" (198 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 B1-SW Clamps	A	-	1 27/32" (47 mm)	1 27/32" (47 mm)	-	4	4 3/8" (111 mm)	
	B	-	-	-	-	-	-	
	C	-	-	-	-	-	-	
 + B2-SW	A	-	-	2 7/8" (73 mm)	-	26°	8	5 1/2" (140 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-

KEY	
*	1/4" and 3/4" NPT taps
**	(2) 3/4" NPT taps
***	3/4" NPT tap
†	30° Angle
††	90° Angle
+	Eccentric flange face
++	Slotted valve flange
+++	8 holes flange - Use 4
◇	(3) 3/4" NPT Taps
#	For spacing only. 4 3/8" BCD each end.


AKRON BRASS COMPANY | PH. 800.228.1161 (330.264.5678) | FAX 800.581.7335 (330.264.2944) | WWW.AKRONBRASS.COM

## Pump Flange Adapters (Waterous Pump Use) Cont...

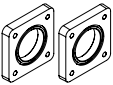
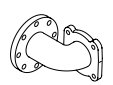
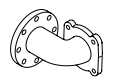
STYLE	SIZE							
	2" (51 mm)	2 1/2" (64 mm)	3 1/3 1/2" (76/89 mm)	4" (102 mm)	ANGLE	BOLT HOLE	BOLT CIR. DIA.	
 B3-SW	A	-	-	3 1/8" (79 mm)	-	4"	8	5 1/2" (140 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 B4-SW	A	-	-	5" (127 mm)	-	4°	8	5 1/2" (140 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 B8-SW	A	-	-	-	4" (102 mm)	-	8	5 1/2" (140 mm)
	B	-	-	-	-	-	-	-
	C	-	-	-	-	-	-	-
 +++ B1-SEW	A	-	-	2 7/8" (73 mm)	-	-	8	5 1/2" (140 mm)
 B10-SF	A	-	3 1/2" (89 mm)	3 9/32" (83 mm)	-	-	4	4 3/8" (111 mm)
	B	-	1 51/64" (46 mm)	1 3/8" (35 mm)	-	-	-	-
For Flow Meter								
 B20-SFW	A	-	-	-	5 27/64" (138 mm)	-	8	5 1/2" (140 mm)
	B	-	-	-	2 43/64" (68 mm)	-	-	-
For Flow Meter								
 WDE1-S	A	-	-	4 9/16" (112 mm)	9 1/2" (241 mm)	90°	8	5 1/2" (140 mm)
	B	-	-	4 5/16" (110 mm)	5" (127 mm)	-	-	-
	C	-	-	-	-	-	-	-
 WDE94-S	A	-	-	-	9 1/2" (241 mm)	94°	8	5 1/2" (140 mm)
	B	-	-	-	5" (127 mm)	-	-	-
	C	-	-	-	-	-	-	-

KEY	
*	1/4" and 3/4" NPT taps
**	(2) 3/4" NPT taps
***	3/4" NPT tap
†	30° Angle
††	90° Angle
+	Eccentric flange face
++	Slotted valve flange
+++	8 holes flange - Use 4
◇	(3) 3/4" NPT Taps
#	For spacing only. 4 3/8" BCD each end.

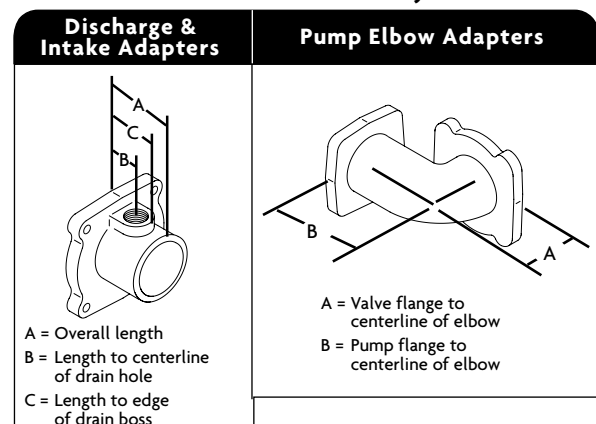
## Darley Pump Use

STYLE	SIZE					
	2 1/2" (64 mm)	3 1/3 1/2" (76/89 mm)	ANGLE	BOLT HOLE	BOLT CIR. DIA.	
 B2-S	A	2 5/8" (67 mm)	2 7/8" (73 mm)	-	4	4 19/32" (117 mm)
	B	-	-	-	-	-
	C	-	-	-	-	-
 DD1-S	A	6 1/4" (159 mm)	5 3/4" (146 mm)	6°	4	4 19/32" (117 mm)
	B	-	-	-	-	-
	C	-	-	-	-	-

## Pump Flange Adapters General Use

STYLE	SIZE					
	2" (51 mm)	4" (102 mm)	ANGLE	BOLT HOLE	BOLT CIR. DIA.	
 B10-SP	A	-	2" (51 mm)	-	4	7 1/16" (179 mm)
	B	-	-	-	-	-
	C	-	-	-	-	-
 +++ DE1-S	A	3 3/4" (95 mm)	9 1/2" (241 mm)	90°	8	4 3/8" (111 mm)
	B	4 13/16" (122 mm)	5" (127 mm)	-	-	-
	C	-	-	-	-	-
 +++ DE2-S	A	3 3/4" (95 mm)	-	90°	8	4 3/8" (111 mm)
	B	5 1/2" (140 mm)	-	-	-	-
	C	-	-	-	-	-

## Valve Dimension Key



## PRODUCT REPAIR

Akron® maintains a full time repair staff capable of repairing Akron products. Products returned for repair do not need prior authorization. Plainly mark the outside carton "Customer Repair". Provide written instructions inside the carton with a complete description of service required. Estimates will be provided upon request. Products for repair should be shipped to the following locations\*\*:

### United States:

Akron Brass Company  
Customer Repair  
1615 Old Mansfield Rd.  
Wooster, Ohio 44691

### Akron Brass Washington\*\*

501 N. Cummings Lane  
Washington, IL 61571-9652

### International:

Contact Akron Customer Service at 330.264.5678



\*\* Extenda-Lite products, generators, electrical supply, junction boxes, reels and hand tools should be sent to the Akron Brass Washington Location. If you have any questions on where you should send your repairs, call Customer Service at: (800) 228-1161 or (330) 264-5678

STYLE	DESCRIPTION	SERVICE KIT
810	Ball Valve	9124
815	Ball Valve	9125
820	Ball Valve	9126
825	Ball Valve	9127
828	Ball Valve	9128
830	Ball Valve	9129
911	Ozzie™	9191
922	OzzieMaster™	9292
1115	Brass Shutoff	9151
1125	Brass Shutoff	9152
1128	Brass Shutoff	9152
1390	Playpipe	9152
1480	Wye	(2) 9125
1481	Wye	(2) 9125
1482	Wye	(2) 9127
1483	Siamese	(2) 9127
1512	SaberJet™	9183
1513	SaberJet	9183
1515	SaberJet	9183
1520	SaberJet	9183
1522	SaberJet	9182
1523	SaberJet	9182
1525	SaberJet	9182
1526	SaberJet	9182
1527	SaberJet	9182
1528	SaberJet	9182
1532	SaberJet	9184
1533	SaberJet	9184
1535	SaberJet	9184
1536	SaberJet	9184
1573	Water Thief	(2) 9125, (1) 9128
1581	Wye	(2) 9125
1582	Wye	(2) 9128
1583	Siamese	(2) 9128
1701	Turbojet® (Pre-2000)	*
1701	Turbojet (2000-Current)	9180
1702	Turbojet (Pre-2000)	*
1702	Turbojet (2000-Current)	9180
1704	Turbojet	9180
1708	Turbojet	9106
1710	Turbojet	9106
1715	Turbojet	9108
1720	Turbojet	9108
1722	Turbojet	9110
1723	Turbojet	9110
1725	Turbojet	9110
1729	Turbojet	9110
1741	Industrial Turbojet	9108
1762	Turbojet	9110
1763	Turbojet	9110
1828	Hydrant Valve	9128
2032	Coast Guard Nozzle	9163
2046	Coast Guard Nozzle	9164
2069	Navy Nozzle	9163
2074	Navy Nozzle	9164
2079	Military Nozzle	9163
2084	Military Nozzle	9164
2101	Pyrolite® Shutoff	9115
2110	Pyrolite Shutoff	9150
2111	Pyrolite Shutoff	9150
2115	Pyrolite Shutoff	9151
2116	Pyrolite Shutoff	9151
2125	Pyrolite Shutoff	9152
2126	Pyrolite Shutoff	9152
2127	Pyrolite Shutoff	9152
2129	Pyrolite Shutoff	9152
2130	Pyrolite Shutoff Pre 2005	9158
2130	Pyrolite Shutoff	9159
2390	Playpipe	9152
2430	Saber Shutoff	9152
2431	Saber Shutoff	9152
2432	Saber Shutoff	9152
2433	Saber Shutoff	9152
2580	Wye	9153

\* 1/2" waterway ball uses 9106 kit  
1" waterway ball uses 9115 kit

STYLE	DESCRIPTION	SERVICE KIT
2581	Wye	9153
2582	Wye	(3) 9128
2583	Siamese	(3) 9128
2681	Wye	9153
3015	Brass Fog Nozzle	9155
3016	Brass Fog Nozzle	9155
3019	Brass Fog Nozzle	9155
3021	Brass Fog Nozzle	9155
3025	Brass Fog Nozzle	9110
3416, 3426, 3431	Apollo Spikes	9190
3425	Aries® Monitor	9525
3427	3" Apollo w/Gas Spring	9527
3436	4" Apollo Monitor	9437
3437	4" Omega Monitor	9437
3443	Mercury / Valve	9128
3443	Spikes	9443
3446	Spikes	9443
3460	Turret	9170
3461	Turret	9171
3465	Turret	9195
3466	Turret	9196
3467	Turret 3"	9197
3467	Turret 3" (valve with out ball)	9198
3467	Turret (valve with ball)	9194
3467	Turret-panel (cover only)	9199
3491	Severe-Duty Electric Monitor	9192
3492	Severe-Duty Hydraulic Monitor	9192
3524	Omega Severe-Duty	9524
3526	Omega™	9526
3527	3" Omega w/Gas Spring	9527
3528	Omega XP	9528
3530	Elevated Monitor	9530
3715	Industrial Turbojet	9108
3716	Industrial Turbojet	9515
3718	Industrial Turbojet	9515
3719	Industrial Turbojet	9515
3720	Industrial Turbojet	9108
3721	Industrial Turbojet	9515
3725	Industrial Turbojet	9110
4507	Marauder™	9151
4508	Marauder	9151
4510	Marauder	9150
4511	Marauder	9150
4512	Marauder	9151
4513	Marauder	9151
4515	Marauder	9151
4516	Marauder	9151
4525	Marauder	9152
4526	Marauder	9152
4529	Marauder	9152
4530	Marauder	9152
4612	Marauder	9108
4613	Marauder	9108
4615	Marauder	9108
4616	Marauder	9108
4625	Marauder	9110
4626	Marauder	9110
4629	Marauder	9110
4630	Marauder	9110
4712	Assault™	9178
4713	Assault	9178
4715	Assault	9178
4720	Assault	9178
4801	Assault	9180
4802	Assault	9180
4812	Assault	9178
4813	Assault	9178
4815	Assault (Pre 2005)	9178
4815	Assault (2005 - Current)	9179
4820	Assault (Pre 2005)	9178

STYLE	DESCRIPTION	SERVICE KIT
4820	Assault (2005 - Current)	9179
4822	Assault	9179
4823	Assault	9179
4825	Assault	9179
4826	Assault	9179
4862	Assault	9179
4863	Assault	9179
5015	Mid-Range Akromatic®	9152
5016	Mid-Range Akromatic	9152
5020	Mid-Range Akromatic	9152
5021	Mid-Range Akromatic	9152
5115	Mid-Range Akromatic	9160
5116	Mid-Range Akromatic	9160
5120	Mid-Range Akromatic	9160
5121	Mid-Range Akromatic	9160
5125	Akromatic II.	9152
5126	Akromatic II.	9152
5127	Akromatic II.	9152
5128	Akromatic II.	9152
5135	Akromatic II.	9152
5136	Akromatic II.	9152
5137	Akromatic II.	9152
5138	Akromatic II.	9152
5225	Akromatic II.	9110
5226	Akromatic II.	9110
5227	Akromatic II.	9110
5228	Akromatic II.	9110
5235	Akromatic II.	9110
5236	Akromatic II.	9110
5237	Akromatic II.	9110
5238	Akromatic II.	9110
7610	Swing-Out Valve	9135
7615	Swing-Out Valve	9136
7620	Swing-Out Valve	9137
7620	Metal Ball Conversion	8805
7625	Swing-Out Valve	9138
7625	Metal Ball Conversion	8806
7630	Swing-Out Valve	9139
7630	Metal Ball Conversion	8807
7635	Swing-Out Valve	9139
7635	Metal Ball Conversion	8807
7810	Swing-Out Valve	9135
7815	Swing-Out Valve	9136
7820	Swing-Out Valve	9137
7820	Metal Ball Conversion	8805
7825	Swing-Out Valve	9138
7825	Metal Ball Conversion	8806
7830	Swing-Out Valve	9139
7830	Metal Ball Conversion	8807
7835	Swing-Out Valve	9139
7835	Metal Ball Conversion	8807
7840	Swing-Out Valve	9165
8620	Heavy Duty Swing-Out Valve	8805/9204*
8625	Heavy Duty Swing-Out Valve	8806/9205*
8630	Heavy Duty Swing-Out Valve	8807/9206*
8635	Heavy Duty Swing-Out Valve	8807/9206*
8810	Heavy Duty Swing-Out Valve	8807/9206*
8815	Heavy Duty Swing-Out Valve	8804/9209*
8820	Heavy Duty Swing-Out Valve	9204*
8825	Heavy Duty Swing-Out Valve	9205*
8830	Heavy Duty Swing-Out Valve	9206*
8835	Heavy Duty Swing-Out Valve	8803/9206*
8840	Swing-Out Valve	9166

\* Includes Seats & O-Rings Only



## Monitor/Fog Nozzle Compatibility Chart

Monitor	Nozzle							
<b>Apollo™</b>								
3416	5160	1745	1755	1757	4452	1747	4475	
3423	5160	1745	1755	1757	4452	1747	4475	
3431	5160	1745	1755	1757	4452	1747	4475	
3433	5160	1745	1755	1757	4452	1747	4475	
<b>Mercury™</b>								
3443	1545	4445	4447					
<b>MercuryMaster™</b>								
3446	5147	5150						
<b>Ozzie™</b>								
911	4824	4827	1727	1744				
922	1745	1757	5160	4452	1747	5147	5150	
<b>DeckMaster™</b>								
3440	5177	1577	5075	3293				
<b>FireFox™</b>								
3463	3293							
<b>StreamMaster™</b>								
3578	5177	5178	1577	5075				
3572	4462*	4471*						
3570	5170	5160						
3571	5171	2171	4460	4461	2151	4470		
<b>Renegade™</b>								
3580	5088	2188	2189					
<b>Gemini™</b>								
3479	5177	1577	5075	3293				
3475	2155	5055						
3470	5160	1745	1755	1757	4452	4475	1747	2152
3471	4450	4460	4461	3747	4470	2151	5051	
3476	2156	2158	5056					
<b>Ladder Pipe</b>								
1494	5177	1577	5075	3293				
1495	5160	1745	1755	1757	4452	1747	5147	5150
<b>TuckAway™</b>								
3350	5177	5075						
<b>Apollo™ Single</b>								
3426	5160	1745	1755	1757	4452	4475	1747	2152
3436	5170	5160						
<b>Aries™</b>								
3425	5160	1745	1755	1757	4452	4475	1747	2152
3525	4450	4460	4461	3747	4470	2151	5051	
<b>Bronco™</b>								
2700	4450	4460	4461	3747	4470	2151	5051	
<b>Omega™</b>								
3526, 3528, 3523, 3524	4450	4460	4461	3747	4470	2151	5051	
3437	2171							
<b>Conquest™</b>								
3671	5071	2171						
<b>Storm™</b>								
3690	5071	2171						
<b>Rover</b>								
3428	5160	1745	1755	1757	4452	4475	1747	2152
<b>Trident HFRT-10</b>								
3356	5178	5177	5075					
<b>Ultra-High Pressure Bumper Turret</b>								
3450	1550	3293**						
<b>Severe-Duty</b>								
3491	3293	4471	4462					
3492	4472	4463	2155	5055				

\* Severe-Duty only  
 \*\* Special High PSI model

Electric Monitor Accessories	Firefox™	Deckmaster™	Streammaster™	Gemini™	Tuckaway™	Renegade™	Ladder Pipe	Severe-Duty
Surface Mount Control Box	✓	* 1	✓	✓	* 1	✓	✓	✓
Panel Mount Control Box	✓	* 1	✓	✓	* 1	✓	✓	✓
Surface Mount Control Box With Stow								
7 Conductor			* 2					
10 Conductor	✓	✓	* 2		✓	✓		✓
Panel Mount Control Box With Stow								
7 Conductor			* 2					
10 Conductor	✓	✓	* 2		✓	✓		✓
Control Box For Electric Valve	✓		* 3	* 3				
Standard Joystick	✓	✓	✓	✓	✓	✓	✓	✓
Standard Joystick For Valve	✓		* 3	* 3				✓
Panel Mount Joystick For Valve	✓		* 3	* 3				✓
Surface Mount Joystick For Valve	✓		* 3	* 3				✓
Joystick For Valve, Stow & Auto Oscillation	* 3		* 3					*
*Tether Control								
30 Feet	✓	✓	✓	✓	✓	✓	✓	✓
100 Feet	✓	✓	✓	✓	✓	✓	✓	✓
* Auxiliary Battery Box With 4' Cable	✓	✓	✓	✓	✓	✓	✓	✓
* Wireless Remote Control	✓	✓	✓	✓	✓	✓	✓	✓
* Position Indicator	✓	✓	✓			✓		
KEY								
* - Optional - Contact Akron Brass Customer Service Department for Details								
✓ - Monitor is compatible with Accessory								
1 - Requires separate Stow/Deploy switch for full operation								
2 - When stow option is ordered with monitor								
3 - Special logic box required								
See page 43 for illustrations								



# Technical Data: Flow & Reach Data

Turbojet™ Nozzles Rated At 100 Psi

Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*					
	PSI	BAR	GPM	LPM	GPM	LPM	Effective		Overall			
							FEET	METERS	FEET	METERS		
1701, 1702 1703	75	5	13	50	11	42	50	15	60	18		
			25	95	22	83	60	18	70	21		
			40	150	35	132	77	23	87	26		
			60	230	52	197	100	30	110	34		
			100	7	13	50	13	50	57	17	67	20
					25	95	25	95	64	20	74	23
	40	150			40	150	90	27	100	30		
	125	8.5	60	230	60	230	110	34	120	37		
			13	50	15	57	57	17	67	20		
			25	95	28	106	67	20	77	23		
	1714, 1715 1717, 1720	75	5	30	115	26	98	80	24	90	27	
				60	230	52	197	107	33	117	36	
95				360	82	310	127	39	137	42		
125				475	108	409	130	40	146	45		
100		7	30	115	30	115	85	26	95	29		
			60	230	60	230	115	35	125	38		
			95	360	95	360	135	41	145	44		
			125	475	125	475	140	43	150	46		
125		8.5	30	115	34	129	97	30	107	33		
			60	230	67	254	120	37	130	40		
			95	360	106	401	145	44	155	47		
			125	475	140	530	150	46	160	49		
1722, 1723 1724, 1737 (95-200 gpm)  1762, 1763 1766, 1767 (3-200 gpm)  1725, 1727 1729, 1733 1744 (125-250 gpm)	75	5	30	115	26	98	75	23	85	26		
			95	360	82	310	117	36	127	39		
			125	475	108	409	127	39	137	42		
			150	550	130	492	145	44	155	47		
			200	750	173	654	160	49	170	52		
			250	950	217	821	165	50	175	53		
	100	7	30	115	30	115	87	26	97	30		
			95	360	95	360	140	43	150	46		
			125	475	125	475	155	47	165	50		
			150	550	150	550	160	49	170	52		
			200	750	200	750	170	52	180	55		
			250	950	250	950	175	53	185	56		
	125	8.5	30	115	34	129	97	30	107	33		
			95	360	106	401	145	44	155	47		
			125	475	140	530	100	49	170	52		
			150	550	168	636	175	53	185	56		
			200	750	224	848	180	55	190	58		
			250	950	280	1060	195	59	205	62		

\*Note: Reach figures are measured with nozzle at 32° above horizontal. Overall reach is considered where farthest droplets of water fall, in still conditions. Effective reach is considered the farthest portion of the water droplet foot print where fire fighting can be accomplished, in still conditions. Actual results will vary depending on conditions.



Assault™ Nozzles Rated At 100 Psi												
Style	100 Psi Flow Setting	Actual Flow				Straight Stream Reach*						
		75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR		Effective			Overall			
						75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR	75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR	
4801, 4802 4804	13	11	13	15	gpm	57	67	74	67	77	84	feet
	50	42	49	57	lpm	77	20	23	20	23	26	meters
	25	22	25	28	gpm	70	77	87	80	87	97	feet
4714, 4715 4717, 4720 4814, 4815 4817, 4820 4862, 4863 4866, 4867	95	82	95	106	gpm	87	117	127	107	127	137	feet
	360	310	360	401	lpm	30	36	39	33	39	42	meters
	125	108	125	140	gpm	117	127	130	127	137	140	feet
4822, 4823 4824, 4825 4826, 4827 4837	200	173	200	224	gpm	160	190	195	170	200	205	feet
	750	655	750	848	lpm	49	58	59	52	61	62	meters
	250	217	250	280	gpm	185	195	215	195	205	225	feet
4822, 4823 4824, 4825 4826, 4827 4837	950	821	950	1060	lpm	56	59	65	59	62	68	meters
	300	260	300	335	gpm	185	215	225	195	225	235	feet
	1140	984	1140	1268	lpm	56	65	68	59	68	72	meters
4822, 4823 4824, 4825 4826, 4827 4837	350	303	350	391	gpm	185	210	225	195	220	235	feet
	1325	1147	1325	1480	lpm	56	64	68	59	67	72	meters

Assault Nozzles Rated At 75 Psi												
Style	75 Psi Flow Setting	Actual Flow				Effective			Overall			
		75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR		75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR	75 PSI 5 BAR	100 PSI 7 BAR	125 PSI 8.5 BAR	
4714, 4715 4717, 4720 4814, 4815 4817, 4820 4862, 4863, 4866, 4867	95	95	110	123	gpm	107	125	127	117	135	137	feet
	360	360	416	466	lpm	33	38	39	39	41	42	meters
	125	125	144	161	gpm	127	130	135	137	140	145	feet
	475	475	545	609	lpm	39	40	41	42	43	44	meters
4822, 4823 4824, 4825 4826, 4827 4837	150	150	173	194	gpm	127	140	145	137	150	155	feet
	550	550	655	734	lpm	39	43	44	42	46	47	meters
	175	175	202	226	gpm	127	146	150	137	156	160	feet
4822, 4823 4824, 4825 4826, 4827 4837	660	660	765	855	lpm	39	45	46	42	48	49	meters
	200	200	231	258	gpm	162	170	172	186	194	196	feet
	750	750	874	977	lpm	48	52	52	57	59	58	meters
4822, 4823 4824, 4825 4826, 4827 4837	250	250	289	323	gpm	165	176	178	188	196	198	feet
	950	950	1094	1223	lpm	50	54	54	57	60	60	meters
	300	300	346	387	gpm	171	179	181	190	198	200	feet
4822, 4823 4824, 4825 4826, 4827 4837	1140	1140	1310	1465	lpm	52	55	55	58	60	61	meters

Solid Bore Tips									
Style	Size	Nozzle Pressure		Actual Flow		Straight Stream Reach*			
		PSI	BAR	GPM	LPM	Effective		Overall	
						FEET	METERS	FEET	METERS
1430	1/2"	50	3.5	53	201	97	30	110	34
		80	5.5	66	250	121	37	140	43
439	7/8"	50	3.5	159	602	130	40	150	46
		80	5.5	201	761	156	48	175	53
439	1/2"	50	3.5	53	201	94	29	102	31
		80	5.5	66	250	106	32	123	37
439	15/16"	50	3.5	182	689	142	43	152	46
		80	5.5	230	871	175	53	185	56

\*Note: Reach figures are measured with nozzle at 32" above horizontal. Overall reach is considered where farthest droplets of water fall, in still conditions. Effective reach is considered the farthest portion of the water droplet foot print where fire fighting can be accomplished, in still conditions. Actual results will vary depending on conditions.





# Technical Data: Flow & Reach Data

AKRON BRASS COMPANY | PH. 800.228.1161 (330.264.5678) | FAX 800.581.7335 (330.264.2944) | WWW.AKRONBRASS.COM

SaberJet™ Fog Flow				
Style	Inlet Pressure		Flow	
	(PSI)	(BAR)	(GPM)	(LPM)
1512 1513	50	3.5	42	160
	75	5	52	197
	100	7	60	227
1515 1520	50	3.5	67	254
	75	5	82	310
	100	7	95	360
1522, 1523 1525, 1526 1532, 1533 1535, 1536	50	3.5	95	360
	75	5	118	447
	100	7	135	511

AquaStream™ & Mercury Master Stream Nozzles										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
	PSI	BAR	GPM	LPM	GPM	LPM	Effective		Overall	
							FEET	METERS	FEET	METERS
4450 4452 *4445 *4447  * 500 gpm MAX	75	5	300	1140	260	984	155	47	165	50
			500	1900	435	1646	180	55	190	58
			700	2660	605	2290	180	55	190	58
	100	7	300	1140	300	1140	175	53	185	56
			500	1900	500	1900	210	64	220	67
			700	2660	700	2660	205	62	215	66
125	8.5	300	1140	335	1268	200	61	220	64	
		500	1900	560	2120	230	70	240	73	
		700	2660	785	2971	210	64	222	68	

SaberJet Solid Bore Flow								
Tip Size	Inlet Pressure		Solid Bore Flow		Solid Bore Reach*			
	(PSI)	(BAR)	(GPM)	(LPM)	Effective		Overall	
					FEET	METERS	FEET	METERS
3/8"	50	3.5	23	87	57	17	67	20
	75	5	30	114	67	20	77	23
1/2"	50	3.5	45	170	67	20	77	23
	75	5	60	227	87	27	97	30
5/8"	50	3.5	75	284	87	27	97	30
	75	5	95	360	107	33	117	36
3/4"	50	3.5	108	409	108	35	122	37
	75	5	135	571	117	36	135	41
7/8"	50	3.5	155	587	135	41	144	44
	75	5	190	719	156	47	165	50
15/16"	50	3.5	187	708	139	42	146	44
	75	5	229	867	161	49	170	52
1"	50	3.5	216	818	146	44	155	47
	75	5	266	1007	165	50	170	52

SaberMaster™ 500 Solid Bore Flow								
Style	Nozzle Pressure		Solid Bore Flow		Straight Stream Reach*			
	PSI	BAR	GPM	LPM	Effective		Overall	
					FEET	METERS	FEET	METERS
1545	50	3.5	380	1438	160	49	107	52
	75	5	480	1817	185	56	210	64
	100	7	557	2108	230	70	250	76
	125	8.5	615	2328	240	73	260	79
1577	80	5.5	1063	4023	270	82	290	88

Rampage™ Master Stream Nozzles										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
	PSI	BAR	GPM	LPM	GPM	LPM	Effective		Overall	
							FEET	METERS	FEET	METERS
4460 4461	75	5	500	1900	433	1646	195	59	205	63
			575	2900	650	2460	230	70	240	73
			1000	3800	866	3278	240	73	250	76
	100	7	500	1900	500	1900	210	64	220	67
			750	2900	750	2900	265	81	270	82
			1000	3800	1000	3800	275	84	285	87
	125	8.5	500	1900	560	2120	230	70	240	73
			750	2900	839	3176	275	84	285	87
			1000	3800	1118	4232	290	88	300	91

SaberJet Combination Flows					
Style	Tip Size	Inlet Pressure		Flow	
		(PSI)	(BAR)	(GPM)	(LPM)
1512 1513	3/8"	50	3.5	66	250
		75	5	78	295
	1/2"	50	3.5	88	333
		75	5	107	405
	5/8"	50	3.5	108	409
		75	5	136	515
1515 1520	3/8"	50	3.5	94	356
		75	5	118	447
	1/2"	50	3.5	110	416
		75	5	140	530
	5/8"	50	3.5	136	515
		75	5	170	643
1522 1523 1525 1526	3/4"	50	3.5	199	753
		75	5	247	935
	7/8"	50	3.5	232	878
		75	5	289	1094
	15/16"	50	3.5	250	946
		75	5	313	1185
	1"	50	3.5	270	1022
		75	5	334	1264

Black Widow™ Master Stream Nozzles										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
	PSI	BAR	GPM	LPM	GPM	LPM	Effective		Overall	
							FEET	METERS	FEET	METERS
2151 2152 2155 2156 2158	100	7	300	1140	300	1140	180	55	-	-
			500	1900	500	1900	210	64	-	-
			700	2660	700	2660	230	70	-	-
			1000	3800	1000	3800	240	73	-	-

\* Note: Reach figures are measured with nozzle at 32" above horizontal. Overall reach is considered where farthest droplets of water fall, in still conditions. Effective reach is considered the farthest portion of the water droplet foot print where fire fighting can be accomplished, in still conditions. Actual results will vary depending on conditions.

Akromatic® Master Stream Nozzles										
Style	Nozzle Pressure		Actual Flow		Straight Stream Reach*					
	PSI	BAR			Effective		Overall			
			GPM	LPM	FEET	METERS	FEET	METERS		
5051 5055 5056 5150	100	7	300	1140	170	52	180	55		
			500	1900	200	61	210	64		
			700	2660	220	67	230	70		
			1000	3800	230	70	240	73		
5068 5075	80	5.5	250	950	140	43	150	46		
			500	1900	185	56	200	61		
			750	2900	230	70	240	73		
			1000	3800	260	79	270	82		
			1250	4800	285	87	295	90		
5160 5177	80	5.5	250	950	137	42	147	45		
			500	1900	195	59	205	62		
			750	2900	245	75	255	78		
			1000	3800	270	82	280	85		
			1250	4800	295	90	305	93		
5170 5071 5178	80	5.5	500	1900	145	44	155	47		
			1000	3800	210	64	220	67		
			1250	4800	225	69	235	72		
			1500	5700	255	78	265	81		
			2000	7600	300	91	310	95		

\* Pressure varies slightly as flow rate changes on automatic nozzles.

Turbomaster™ Master Stream Nozzle										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
	PSI	BAR					Effective		Overall	
			GPM	LPM	GPM	LPM	FEET	METERS	FEET	METERS
1755	75	5	500	1900	433	1646	195	59	205	62
			750	2900	650	2460	215	66	220	67
			1000	3800	866	3278	230	70	240	73
			1250	4800	1083	4099	250	76	260	79
	100	7	500	1900	500	1900	220	67	230	70
			750	2900	750	2900	250	76	260	79
			1000	3800	1000	3800	265	81	275	84
			1250	4800	1250	4800	280	85	290	88
	125	8.5	500	1900	560	2120	245	75	255	78
			750	2900	839	3176	270	82	280	85
			1000	3800	1118	4232	290	88	300	91
			1250	4800	1398	5291	300	91	310	94

Renegade™ Monitor Nozzles							
Style	Type	GPM	LPM	Effective		Overall	
				FEET	METERS	FEET	METERS
5088	Automatic	1000	3800				
		2500	9500				
		5000	19000				
2189	Adjustable	1000	3800				
		2000	7600				
		3000	11500				
2188	Fixed	1000	3800				
		2000	7600				
		3000	11500				
		4000	15000	355	108		
		5000	19000				

Excel 1000™ Master Stream Nozzles										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
	PSI	BAR					Effective		Overall	
			GPM	LPM	GPM	LPM	FEET	METERS	FEET	METERS
1747 3747 5147	75	5	300	1140	260	984	150	46	160	49
			500	1900	425	1646	190	58	200	61
			800	3030	693	2623	215	66	225	69
			1000	3800	866	3278	240	73	250	76
	100	7	300	1140	300	1140	170	52	180	55
			500	1900	500	1900	225	69	235	72
			800	3030	800	3030	242	74	252	77
			1000	3800	1000	3800	280	85	290	88
	125	8.5	300	1140	335	1268	190	58	200	61
			500	1900	560	2120	239	73	249	76
			800	3030	894	3384	270	82	280	85
			1000	3800	1118	4232	290	88	300	91

FireFox™ Electric Nozzle Flow/reach Data										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
	PSI	BAR					Effective		Overall	
			GPM	LPM	GPM	LPM	FEET	METERS	FEET	METERS
3293	100	7	30	115	30	115	74	23	84	26
			60	230	60	230	104	32	117	36
			95	360	95	360	120	37	130	40
			125	475	125	475	125	38	135	41
			175	660	175	660	135	41	145	44
			250	950	250	950	155	47	170	52
			350	1325	350	1325	170	52	180	54
			400	1525	400	1525	190	58	200	61
			450	1700	450	1700	200	61	220	67
			500	1900	500	1900	210	64	225	69

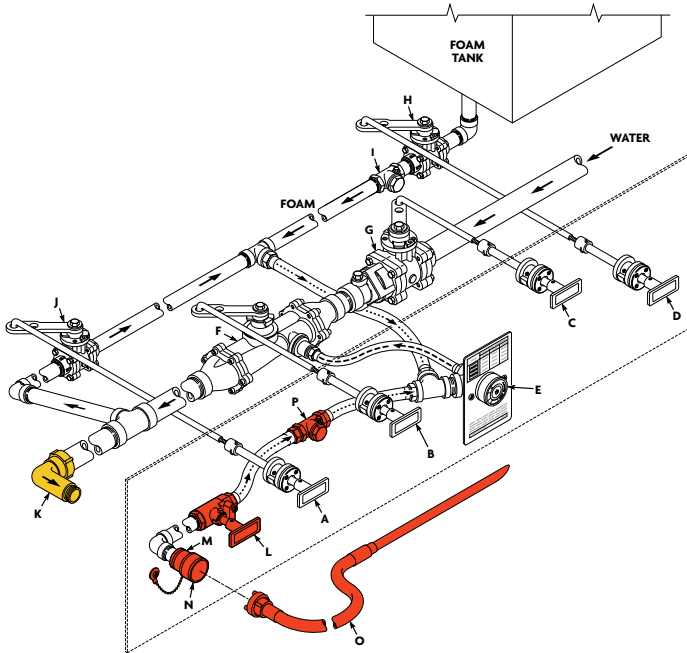
\* Note: Reach figures are measured with nozzle at 32" above horizontal. Overall reach is considered where farthest droplets of water fall, in still conditions. Effective reach is considered the farthest portion of the water droplet foot print where fire fighting can be accomplished, in still conditions. Actual results will vary depending on conditions.



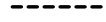



## Typical Eductor To Crosslay With Off-Truck Foam Access - One Tank

- A: Style 1477 Remote with FLUSH tag
- B: Style 1477 Remote with EDUCTOR tag
- C: Style 1477 Remote with WATER tag
- D: Style 1477 Remote with FOAM tag
- E: Styles 3061, 3096 or 3126 Foam Metering Dial
- F: Styles 3061, 3096 or 3126 By-Pass Eductor
- G: Style 8820 - P1-S x P30-SCV (Check Valve) x R-1 Swing-Out™ Valve
- H: Style 8810 - P1-S x P1-S x R-1 - 1" Foam Valve

- I: 1" Check Valve
- J: Style 8810 - P1-S x P1-S x R-1 - 1" Flush Valve
- K: Style 635 - 2" NPT x 1 1/2" Crosslay Elbow
- L: Style 57 - 3/4" Off-Truck Foam Valve - In Style 3128 Kit
- M: 25mm Storz x 3/4" NPT Panel Fitting - In Style 3128 Kit
- N: Dust Plug with chain - In Style 3128 Kit
- O: 25mm Storz x 5 ft. Pick-up hose assembly - In Style 3128 Kit
- P: 1" Check Valve

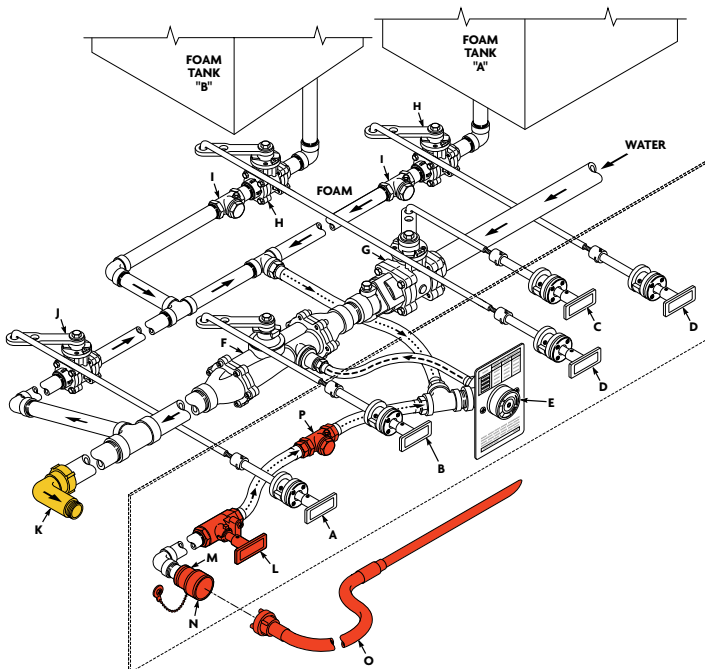






	Crosslay Elbow
	Off Truck System STYLE 3128
	Foam to Eductor: 1/2" I.D. minimum
	Foam to Meter: 3/4" I.D. minimum

## Typical Eductor To Crosslay With Off-Truck Foam Access - Two Tank

- A: Style 1477 Remote with FLUSH tag
- B: Style 1477 Remote with EDUCTOR tag
- C: Style 1477 Remote with WATER tag
- D: (2) Style 1477 Remote with FOAM tag
- E: Styles 3061, 3096 or 3126 Foam Metering Dial
- F: Styles 3061, 3096 or 3126 By-Pass Eductor
- G: Style 8820 - P1-S x P30-SCV (Check Valve) x R-1 Swing-Out™ Valve
- H: Style 8810 - P1-S x P1-S x R-1 - 1" Foam Valve
- I: 1" Check Valve

- J: Style 8810 - P1-S x P1-S x R-1 - 1" Flush Valve
- K: Style 635 - 2" NPT x 1 1/2" Crosslay Elbow
- L: Style 57 - 3/4" Off-Truck Foam Valve - In Style 3128 Kit
- M: 25mm Storz x 3/4" NPT Panel Fitting - In Style 3128 Kit
- N: Dust Plug with chain - In Style 3128 Kit
- O: 25mm Storz x 5 ft. Pick-up hose assembly - In Style 3128 Kit
- P: 1" Check Valve



	Crosslay Elbow
	Off Truck System STYLE 3128
	Foam to Eductor: 1/2" I.D. minimum
	Foam to Meter: 3/4" I.D. minimum



The following is a listing of the most commonly used threads. However, Akron Brass has the ability to cut many other threads required by the fire service. Normally there is no extra charge for these unique threads.

Akron identifies all unique threads with a 3-letter Thread Code. Simply use the code when ordering Akron product to obtain a proper fit. If this is not possible, either indicate the city and state of use or supply a copy of thread specifications.

Distinct Threads																								
Size	National Standard Nh (Nst)*			Straight Iron Pipe Npsh (Ipt)			New York Corporation Nyc			Pacifica Coast Pct			New York Fire Dept. Fdny			Chicago Fire Dept			Chicago Hose			British Standard Pipe Thread Bspf†		
	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code
1/4"	1.375	8	AAP	1.0353*	14	AAA	-	-	-	1.0625	11	AAD	-	-	-	-	-	-	1.081	11 1/2	AAF	1.041	14	AAB
1"	1.375	8	AAP	1.295*	11 1/2	AAJ	-	-	-	1.3125	11 1/2	AAL	1.66	8	AAS	-	-	-	1.2951	11 1/2	AAI	1.309	11	AAK
1 1/4"	1.6718	9	ACF	1.6399*	11 1/2	ACB	-	-	-	1.86	11	ACH	-	-	-	-	-	-	1.705	11 1/2	ACG	1.65	11	ACD
1 1/2"	1.99	9	ABM	1.8788*	11 1/2	AAY	2.093	11	ABQ	2.1	11	ABT	2.1	8	ABU	1.933	11 1/2	ABE	1.952	11 1/2	ABH	1.882	11	AAZ
2"	2.5156	8	ACM	2.3528*	11 1/2	ACK	2.561	11	ACP	2.55	10	ACQ	-	-	-	-	-	-	2.522	8	ACO	2.347	11	ACJ
2 1/2"	3.0686	7 1/2	AGL	2.841*	8	ACV	3	8	AEF	3.046	7 1/2	AFJ	3.03	8	AFB	2.99	7 1/2	ADZ	3.046	7	AFD	2.96	11	ADL
3"	3.6239	6	ALC	3.47	8	AKY	-	-	-	-	-	-	3.63	8	ALE	-	-	-	-	-	-	3.46	11	AKX
3 1/2"	4.2439	6	ALS	3.97	8	ALJ	-	-	-	-	-	-	4.07	8	ALN	4.052	8	ALL	-	-	-	-	-	-
4"	5.0109	4	ANT	4.47	8	ALV	-	-	-	-	-	-	4.61	8	AMA	5.011	4	ANT	-	-	-	4.45	11	ASB
4 1/2"	5.7609	4	APV	4.97	8	AOP	-	-	-	-	-	-	5.8	4	APX	5.761	4	APV	-	-	-	4.95	11	BAN
5"	6.26	4	ARD	5.535	8	APZ	-	-	-	-	-	-	-	-	-	6.26	4	ARD	-	-	-	5.45	11	AUD
6"	7.025	4	ARQ	6.592	8	ARF	-	-	-	-	-	-	-	-	-	7.025	4	AUJ	-	-	-	6.45	11	AUI

1 1/2" Underwriters Playpipe (PPS) - 2.1875 ODM, 12 TPI (ABX)  
 1/2" Garden Hose Thread (GHT) - 1.0625 ODM, 11 1/2 TPI (AAE)

\* National Form Thread  
 † Whitworth Form Thread

ODM = Outside Diameter of Male  
 TPI = Threads Per Inch

Abbreviation for tapered iron pipe threads in NPT (National Pipe Tapered) or TIPT.  
 Abbreviation for straight iron pipe threaded is NPSH, IPT or SIPT.  
**NOTE: NPT Thread Not Available in Female Swivels**

Flanges			
American Standards Association (ASA) Flange	2 1/2"	3"	4"
Outside Diameter	7"	7 1/2"	9"
Bolt Circle Diameter	5 1/2"	6"	7 1/2"
Bolt Size	1/2"	1/2"	1/2"
Number of Bolt Holes	4	4	8

Canadian Standard 2 1/2" Hose Threads				
Size	Description	Thread Codes	Odm	Tpi
2 1/2"	AMA - Alberta Mutual Aid	AEA	2.99	8*
2 1/2"	BCT - British Columbia	AEH	3	8*
2 1/2"	CSA - Canadian Standards Association - Ontario - All	All	3.125	5*
2 1/2"	QST - Province of Quebec Standard	AFD	3.031	7
2 1/2"	Western Canada Fire Underwriters Association	AKB	3.25	6
2 1/2"	Nova Scotia - Zone 1	AJN	3.23	5

\*National Form Thread

Suction Hose Threads (Reference Only)												
	4"			4 1/2"			5"			6"		
	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code	Odm	Tpi	Thread Code
American La France	5.085	4	AOC	5.7609**	4	APW	6.15	4	AQO	7.000**	4	ARP
Mack Truck	5.0109**	4	ANT	5.7609**	4	APV	-	-	-	6.9559	4	ARJ
Maxim	5.000**	4	ANR	5.750**	4	APW	6.250**	4	ARB	7.000**	4	ARP
Seagrave FWD	4.955	4	ANR	-	-	-	6.055	4	AQJ	7.055	4	ART
Ward La France	5.0109**	4	ANT	5.7609**	4	AUR	6.260**	4	ARD	7.025**	4	ARQ
Hale Fire Pump Co.	5.010**	4	ANT	5.760**	4	APW	6.260**	4	ARD	7.025**	4	ARQ
Waterous Fire	5.0109**	4	ANT	5.7609**	4	APV	6.260**	4	ARD	7.261	4	ARW
										Also uses NH		
										7.025**	4	ARQ

\*\* Falls within the range of NH Thread

All dimensions shown are the Maximum ODM



# Technical Data: Theoretical Discharge & Reaction

Nozzle Pressure* (PSI)	Solid Bore Nozzles																
	Gallons Per Minute (GPM)								Pounds Reaction Force † (RF)								
	Solid Bore Diameter (Inches)																
	3/8"	1/2"	5/8"	3/4"	7/8"	15/16"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	
40	26	47	73	106	144	165	188	238	294	355	423	575	752	951	1174	1421	gpm
	9	16	25	35	48	55	63	79	98	119	141	192	251	318	393	475	rf
45	28	50	78	112	153	175	199	252	311	377	448	610	797	1009	1246	1507	gpm
	10	18	28	40	54	62	71	89	110	134	159	216	283	358	442	534	rf
50	30	53	82	118	161	185	210	266	328	397	473	643	840	1064	1313	1589	gpm
	11	20	31	44	60	69	79	99	123	148	177	240	314	397	491	594	rf
55	31	55	86	124	169	194	220	279	344	417	496	675	881	1115	1377	1666	gpm
	12	22	34	49	66	76	86	109	135	163	194	264	345	437	540	653	rf
60	32	58	90	129	176	202	230	291	360	435	518	705	921	1165	1438	1740	gpm
	13	24	37	53	72	83	94	119	147	178	212	288	377	477	589	712	rf
65	34	60	94	135	183	211	240	303	374	453	539	734	958	1213	1497	1811	gpm
	14	26	40	57	78	90	102	129	159	193	230	313	408	517	638	772	rf
70	35	62	97	140	190	218	249	315	388	470	559	761	994	1258	1554	1880	gpm
	15	27	43	62	84	97	110	139	172	208	247	337	440	556	687	831	rf
75	36	64	101	145	197	226	257	326	402	486	579	788	1029	1303	1608	1946	gpm
	17	29	46	66	90	103	118	149	184	223	265	361	471	596	736	890	rf
80	37	66	104	149	203	234	266	336	415	502	598	814	1063	1345	1661	2010	gpm
	18	31	49	71	96	110	126	159	196	237	283	385	502	636	785	950	rf
85	39	68	107	154	210	241	274	347	428	518	616	839	1096	1387	1712	2071	gpm
	19	33	52	75	102	117	133	169	209	252	300	409	534	676	834	1009	rf
90	40	70	110	159	216	248	282	357	440	533	634	863	1127	1427	1762	2132	gpm
	20	35	55	79	108	124	141	179	221	267	318	433	565	715	883	1069	rf
95	41	72	113	163	222	255	290	366	452	547	652	887	1158	1466	1810	2190	gpm
	21	37	58	84	114	131	149	189	233	282	336	457	597	755	932	1128	rf
100	42	74	116	167	227	261	297	376	464	562	668	910	1188	1504	1857	2247	gpm
	22	39	61	88	120	138	157	199	245	297	353	481	628	795	981	1187	rf
105	43	76	119	171	233	268	304	385	476	576	685	932	1218	1541	1903	2302	gpm
	23	41	64	93	126	145	165	209	258	312	371	505	659	835	1030	1247	rf
110	44	78	122	175	239	274	312	394	487	589	701	954	1246	1577	1948	2356	gpm
	24	43	67	97	132	152	173	219	270	327	389	529	691	874	1079	1306	rf
115	45	80	124	179	244	280	319	403	498	602	717	976	1274	1613	1991	2409	gpm
	25	45	71	102	138	159	181	229	282	341	406	553	722	914	1128	1365	rf
120	46	81	127	183	249	286	325	412	509	615	732	997	1302	1648	2034	2461	gpm
	26	47	74	106	144	166	188	238	294	356	424	577	754	954	1178	1425	rf
125	47	83	130	187	254	292	332	420	519	628	747	1017	1329	1682	2076	2512	gpm
	28	49	77	110	150	172	196	248	307	371	442	601	785	994	1227	1484	rf
130	48	85	132	191	259	298	339	429	529	640	762	1037	1355	1715	2117	2562	gpm
	29	51	80	115	156	179	204	258	319	386	459	625	816	1033	1276	1544	rf
135	49	86	135	194	264	303	345	437	539	653	777	1057	1381	1748	2157	2611	gpm
	30	53	83	119	162	186	212	268	331	401	477	649	848	1073	1325	1603	rf
140	49	88	137	198	269	309	352	445	549	665	791	1077	1406	1780	2197	2658	gpm
	31	55	86	124	168	193	220	278	343	416	495	673	879	1113	1374	1662	rf
145	50	89	140	201	274	314	358	453	559	676	805	1096	1431	1811	2236	2706	gpm
	32	57	89	128	174	200	228	288	356	430	512	697	911	1152	1423	1722	rf
150	51	91	142	205	279	320	364	461	569	688	819	1114	1455	1842	2274	2752	gpm
	33	59	92	132	180	207	236	298	368	445	530	721	942	1192	1472	1781	rf
175	55	98	154	221	301	345	393	497	614	743	884	1204	1572	1990	2456	2972	gpm
	39	69	107	155	210	241	275	348	429	519	618	841	1099	1391	1717	2078	rf
200	59	105	164	236	322	369	420	532	657	794	945	1287	1681	2127	2626	3177	gpm
	44	79	123	177	240	276	314	397	491	594	707	962	1256	1590	1963	2375	rf

References: National Fire Protection Association (NFPA) Fire Protection Handbook - 17th Edition International Fire Service Training Association (IFSTA) Fire Protection Publications - Fire Stream Practices - 7th Edition

Solid Bore Discharge Formula:  $GPM = 29.71D^2\sqrt{NP}$   
 Solid Bore Reaction Formula:  $NR = 1.57D^3NP$

D = Bore Diameter, NP = Nozzle Pressure (psi) Pitot Pressure

\* Nozzle Pressure Measured with Pitot Gauge  
 † Reaction Force measured in pounds



		Fog Nozzles															
GPM Setting	Gallons Per Minute (gpm)								Pounds Reaction Force† (rf)								
	Nozzle Pressure At Inlet (PSI)																
	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	
13	9	10	10	10	11	11	12	12	12	13	13	13	14	14	14	15	gpm
	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	rf
20	14	15	15	16	17	17	18	18	19	19	20	20	21	21	22	22	gpm
	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	rf
25	18	19	19	20	21	22	22	23	24	24	25	26	26	27	27	28	gpm
	6	7	7	8	9	10	10	11	11	12	13	13	14	15	15	16	rf
30	21	22	23	24	25	26	27	28	28	29	30	31	31	32	33	34	gpm
	8	8	9	10	11	11	12	13	14	14	15	16	17	17	18	19	rf
40	28	30	31	32	33	35	36	37	38	39	40	41	42	43	44	45	gpm
	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	rf
60	42	44	46	48	50	52	54	55	57	58	60	61	63	64	66	67	gpm
	15	17	18	20	21	23	24	26	27	29	30	32	33	35	36	38	rf
95	67	70	74	77	79	82	85	88	90	93	95	97	100	102	104	106	gpm
	24	26	29	31	34	36	38	41	43	46	48	50	53	55	58	60	rf
100	71	74	77	81	84	87	89	92	95	97	100	102	105	107	110	112	gpm
	25	28	30	33	35	38	40	43	45	48	51	53	56	58	61	63	rf
125	88	93	97	101	105	108	112	115	119	122	125	128	131	134	137	140	gpm
	32	35	38	41	44	47	51	54	57	60	63	66	69	73	76	79	rf
150	106	111	116	121	125	130	134	138	142	146	150	154	157	161	164	168	gpm
	38	42	45	49	53	57	61	64	68	72	76	80	83	87	91	95	rf
200	141	148	155	161	167	173	179	184	190	195	200	205	210	214	219	224	gpm
	51	56	61	66	71	76	81	86	91	96	101	106	111	116	121	126	rf
250	177	185	194	202	209	217	224	230	237	244	250	256	262	268	274	280	gpm
	63	69	76	82	88	95	101	107	114	120	126	133	139	145	152	158	rf
300	212	222	232	242	251	260	268	277	285	292	300	307	315	322	329	335	gpm
	76	83	91	98	106	114	121	129	136	144	152	159	167	174	182	189	rf
375	265	278	290	302	314	325	335	346	356	366	375	384	393	402	411	419	gpm
	95	104	114	123	133	142	152	161	170	180	189	199	208	218	227	237	rf
500	354	371	387	403	418	433	447	461	474	487	500	512	524	536	548	559	gpm
	26	39	52	64	77	89	102	115	127	140	153	165	178	190	203	216	rf
700	495	519	542	564	586	606	626	645	664	682	700	717	734	751	767	783	gpm
	177	194	212	230	247	265	283	300	318	336	354	371	389	407	424	442	rf
750	530	556	581	605	627	650	671	691	712	731	750	769	787	804	822	839	gpm
	189	208	227	246	265	284	303	322	341	360	379	398	417	436	455	473	rf
1000	707	742	775	806	837	866	894	922	949	975	1000	1025	1049	1072	1095	1118	gpm
	253	278	303	328	354	379	404	429	455	480	505	530	556	581	606	631	rf
1250	884	927	968	1008	1046	1083	1118	1152	1186	1218	1250	1281	1311	1340	1369	1398	gpm
	316	347	379	410	442	473	505	537	568	600	631	663	694	726	758	789	rf
1500	1061	1112	1162	1209	1255	1299	1342	1383	1423	1462	1500	1537	1573	1609	1643	1677	gpm
	379	417	455	492	530	568	606	644	682	720	758	795	833	871	909	947	rf
1750	1237	1298	1356	1411	1464	1516	1565	1613	1660	1706	1750	1793	1835	1877	1917	1957	gpm
	442	486	530	574	619	663	707	751	795	840	884	928	972	1016	1061	1105	rf
2000	1414	1483	1549	1612	1673	1732	1789	1844	1897	1949	2000	2049	2098	2145	2191	2236	gpm
	505	556	606	657	707	758	808	859	909	960	1010	1061	1111	1162	1212	1263	rf

Fog Nozzle Discharge Formula:  $GPM = \frac{\text{Rated Flow} \times \sqrt{NP}}{\sqrt{\text{Rated NP}}}$

Fog Nozzle Reaction Formula:  $NR = 0.0505Q\sqrt{NP}$

NP = Nozzle Pressure (psi), Q = Flow (gpm)

References: National Fire Protection Association (NFPA) Fire Protection Handbook - 17th Edition  
International Fire Service Training Association (IFSTA) Fire Protection Publications - Fire Stream Practices - 7th Edition

† Reaction Force measured in pounds





# Technical Data: Metric Conversion

AKRON BRASS COMPANY | PH. 800.228.1161 (330.264.5678) | FAX 800.581.7335 (330.264.2944) | WWW.AKRONBRASS.COM

Liquid Volume		
To Convert	Into	Multiply by
Ounces (oz)	Milliliters (ml)	29.57
Pints (pt)	Liters (l)	0.4732
Quarts (qt)	Liters (l)	0.9464
Gallons (gal)	Liters (l)	3.785
Milliliters (ml)	Ounces (oz)	0.0338
Liters (l)	Pints (pt)	2.113
Liters (l)	Quarts (qt)	1.057
Liters (l)	Gallons (gal)	0.2642

Pressure		
To Convert	Into	Multiply by
Pounds per square inch (psi)	Kilopascals (kPa)	6.895
Pounds per square inch (psi)	bar	0.06895
Kilopascals (kPa)	Pounds per square inch (psi)	0.145
Kilopascals (kPa)	bar	0.01
bar	Pounds per square inch (psi)	14.503
bar	Kilopascals (kPa)	100

Length		
To Convert	Into	Multiply by
Inches (in)	Millimeters (mm)	25.4
Inches (in)	Centimeters (cm)	2.54
Feet (ft)	Centimeters (cm)	30.48
Feet (ft)	Meters (m)	0.3048
Yards (yd)	Meters (m)	0.914
Miles (mi)	Kilometers (km)	1.609
Millimeters (mm)	Inches (in)	0.039
Centimeters (cm)	Inches (in)	0.394
Meters (m)	Feet (ft)	3.282
Kilometers (km)	Miles (mi)	0.6214

Area		
To Convert	Into	Multiply by
Square Inches (in <sup>2</sup> )	Square Centimeters (cm <sup>2</sup> )	6.452
Square Feet (ft <sup>2</sup> )	Square Meters (m <sup>2</sup> )	0.093
Square Yards (yds <sup>2</sup> )	Square Meters (m <sup>2</sup> )	0.836
Square Miles (mi <sup>2</sup> )	Square Kilometers (km <sup>2</sup> )	2.59
Square Centimeters (cm <sup>2</sup> )	Square Inches (in <sup>2</sup> )	0.155
Square Meters (m <sup>2</sup> )	Square Yards (yds <sup>2</sup> )	1.196
Square Kilometers (km <sup>2</sup> )	Square Miles (mi <sup>2</sup> )	0.386

Hose Sizes					
1" Hose	=	25.4 mm	4" Storz	=	100.00 mm
1 1/2" Hose	=	38.1 mm	4" Hose	=	101.60 mm
1 3/4" Hose	=	44.5 mm	4 1/2" Hose	=	114.30 mm
2" Hose	=	50.8 mm	5" Storz	=	125.00 mm
2 1/2" Hose	=	63.5 mm	5" Hose	=	127.00 mm
3" Hose	=	76.2 mm	6" Hose	=	152.40 mm
3 1/2" Hose	=	88.9 mm			

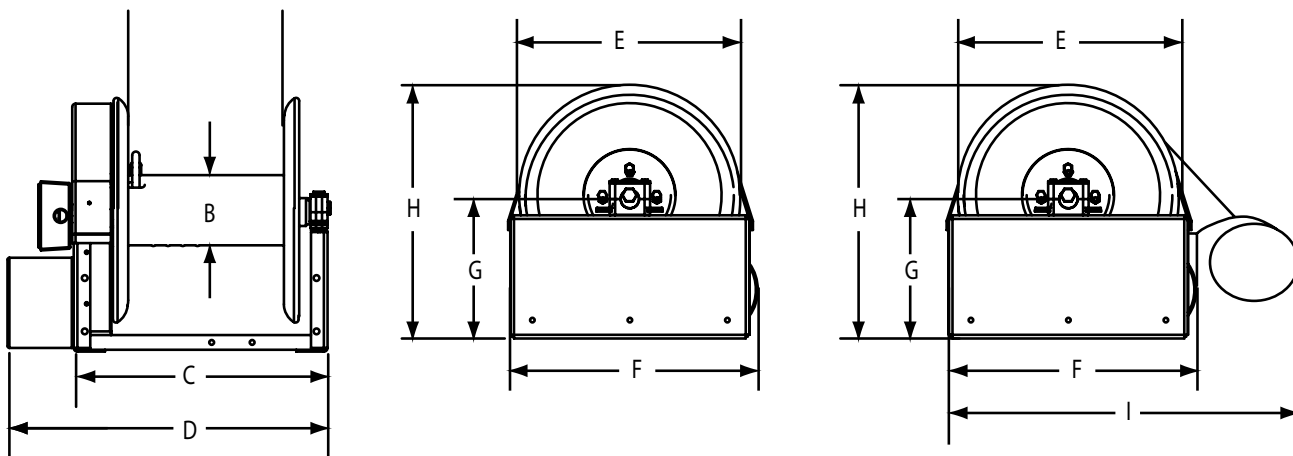
Tip Sizes					
3/4" Tip	=	19.1 mm	1 1/2" Tip	=	38.1 mm
7/8" Tip	=	22.2 mm	1 3/4" Tip	=	44.5 mm
1" Tip	=	25.4 mm	2" Tip	=	50.8 mm
1 1/8" Tip	=	28.6 mm	2 1/4" Tip	=	57.2 mm
1 1/4" Tip	=	31.8 mm	2 1/2" Tip	=	63.5 mm
1 3/8" Tip	=	34.9 mm	3" Tip	=	76.2 mm

Solid Volume		
To Convert	Into	Multiply by
Ounces (oz)	Grams (g)	28.3495
Pounds (lb)	Kilograms (kg)	0.4536
Grams (g)	Ounces (oz)	0.035
Kilograms (kg)	Pounds (lb)	2.205

Pressures					
50 psi	=	345 kPa	=	3.45 bar	
60 psi	=	414 kPa	=	4.14 bar	
70 psi	=	488 kPa	=	4.88 bar	
75 psi	=	517 kPa	=	5.17 bar	
80 psi	=	552 kPa	=	5.52 bar	
90 psi	=	621 kPa	=	6.21 bar	
100 psi	=	690 kPa	=	6.90 bar	
150 psi	=	1034 kPa	=	10.34 bar	
200 psi	=	1379 kPa	=	13.79 bar	
250 psi	=	1723 kPa	=	17.23 bar	
300 psi	=	2069 kPa	=	20.69 bar	
350 psi	=	2413 kPa	=	24.13 bar	
580 psi	=	3999 kPa	=	39.99 bar	
700 psi	=	4827 kPa	=	48.27 bar	

Flow			
Flow Rate	=	Exact LPM	Akron Standard
12 gpm	=	45.42 lpm	45 lpm
13 gpm	=	49.20 lpm	50 lpm
15 gpm	=	56.78 lpm	60 lpm
20 gpm	=	75.70 lpm	75 lpm
23 gpm	=	87.06 lpm	90 lpm
25 gpm	=	94.62 lpm	95 lpm
30 gpm	=	113.55 lpm	115 lpm
40 gpm	=	151.40 lpm	150 lpm
50 gpm	=	189.25 lpm	190 lpm
60 gpm	=	227.10 lpm	230 lpm
70 gpm	=	264.95 lpm	265 lpm
75 gpm	=	283.88 lpm	285 lpm
85 gpm	=	321.73 lpm	320 lpm
95 gpm	=	359.58 lpm	360 lpm
100 gpm	=	378.50 lpm	380 lpm
120 gpm	=	454.20 lpm	460 lpm
125 gpm	=	473.13 lpm	475 lpm
150 gpm	=	567.75 lpm	550 lpm
175 gpm	=	662.38 lpm	660 lpm
200 gpm	=	757.00 lpm	750 lpm
250 gpm	=	946.25 lpm	950 lpm
300 gpm	=	1135.50 lpm	1140 lpm
350 gpm	=	1324.75 lpm	1325 lpm
375 gpm	=	1419.38 lpm	1420 lpm
400 gpm	=	1514.00 lpm	1525 lpm
450 gpm	=	1703.25 lpm	1700 lpm
500 gpm	=	1892.50 lpm	1900 lpm
550 gpm	=	2081.75 lpm	2100 lpm
700 gpm	=	2649.50 lpm	2660 lpm
750 gpm	=	2838.75 lpm	2900 lpm
800 gpm	=	3028.00 lpm	3030 lpm
1000 gpm	=	3785.00 lpm	3800 lpm
1200 gpm	=	4542.00 lpm	4500 lpm
1250 gpm	=	4731.25 lpm	4800 lpm
1500 gpm	=	5677.50 lpm	5700 lpm
2000 gpm	=	7570.00 lpm	7600 lpm

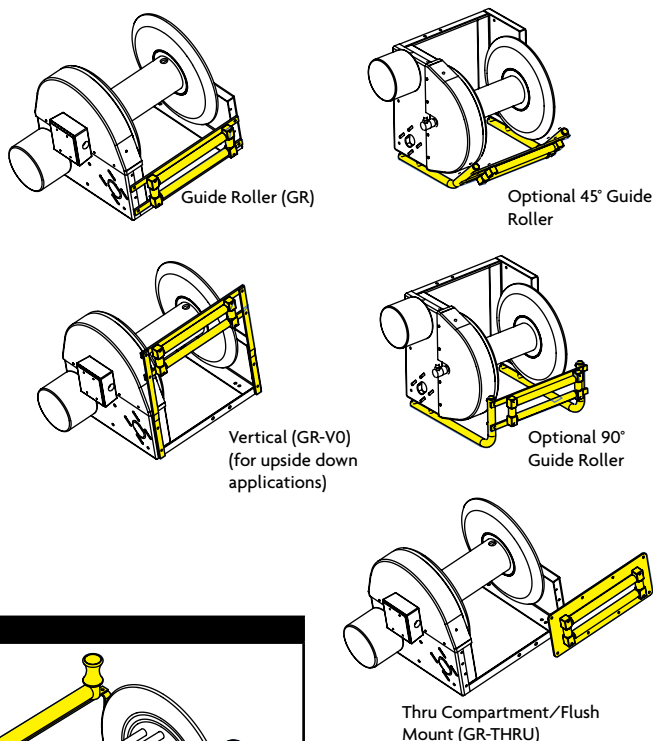




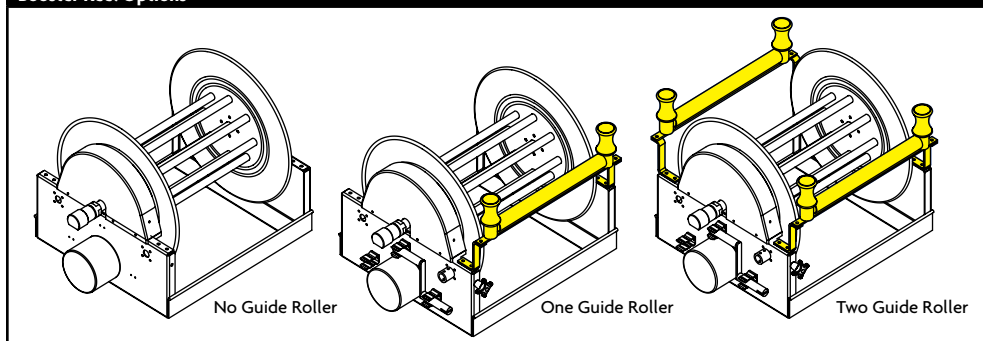
Part Number	Reel Type	A	B	C	D	E	F	G	H	I*
ERWC-15-10	Cord	10.6"	4.5"	17.3"	21.7"	15.0"	16.8"	9.2"	16.7"	23.9"
ERWC-16-6	Cord	5.5"	4.5"	10.7"	15.2"	16.5"	16.8"	9.4"	17.5"	N/A
ERWH-15-10	Hydraulic	10.6"	4.5"	17.3"	22.9"	15.0"	16.8"	9.5"	16.8"	23.9"
ERWH-16-6	Hydraulic	5.6"	4.5"	10.7"	16.1"	16.5"	16.8"	9.5"	17.7"	N/A
ERWH-10-16	Hydraulic	16.0"	4.5"	21.3"	23.9"	10.0"	12.0"	6.3"	11.2"	19.6"
ERWF-15-10	Foam	10.6"	4.8"	17.3"	21.7"	15.0"	16.9"	9.2"	16.7"	23.9"
ERWU-15-10	Utility Air	10.6"	4.5"	17.3"	21.9"	15.0"	16.8"	9.5"	17.0"	23.9"
ERWHB-15-10	High Pressure Breathing	10.6"	4.8"	17.3"	21.9"	15.0"	16.8"	9.7"	17.2"	23.9"
ERWC-10-28	Cord	28.0"	4.5"	33.3"	35.7"	10.0"	12.0"	6.2"	11.2"	19.6"
ERWC-10-16	Cord	16.0"	4.5"	21.3"	21.4"	10.0"	12.0"	6.2"	11.2"	19.6"
ERWH-10-16	Hydraulic	16.0"	4.5"	21.3"	23.9"	10.0"	12.0"	6.3"	11.2"	19.6"
ERWU-10-16	Utility Air	16.0"	4.5"	21.3"	20.4"	10.0"	12.0"	6.2"	11.2"	19.6"
ERWB-22-20	Booster	20.0"	10.0"	26.0"	34.5"	22.0"	24.8"	12.1"	23.1"	N/A
ERWB-24-20	Booster	20.0"	10.0"	26.0"	34.2"	24.0"	24.8"	13.0"	2.0"	N/A
ERWB-16-28	Booster	28.0"	8.0"	33.0"	39.1"	16.5"	16.8"	9.2"	17.4"	N/A

NOTE: Some dimensions may vary slightly.  
\* Optional rear motor mount feature only

Ball Stops	
CS-08	Cord Stop for 8 Gauge Wire
CS-10	Cord Stop for 10 Gauge Wire
CS-12	Cord Stop for 12 Gauge Wire
HS-BA	Hose Stop for Breathing Air Hose
HS-TOOL	Hose Stop for Utility Air Hose
HS-TWIN	Hose Stop for 1/4" Twin Line Hose
Guide Rollers	
GR	Guide Roller Assembly
GR-V45	Guide Roller Assembly (Vertical 45 Degree Angle)
GR-V90	Guide Roller Assembly (Vertical 90 Degree Angle)
GR-V0	Guide Roller Assembly (Vertical 0 Degree Angle)
GR-THRU	Guide Roller Assembly (Thru Compartment Flush Mount)
Control Boxes	
ERW-SL	Control Box with Switch and Breaker Only
ERW-SCS	Control Box with Solenoid, Diode Suppressor and Speed Control
Rear Mount	
ERW-RMC	Rear Mount Conversion Kit for Electric Rewind Reels
Brake	
ERW-BR1	Brake For All Reels With Hose



### Booster Reel Options



# Technical Data: Pumper Work Sheet

Scene Lights

Light Bar & Siren

Brow & Marker Lights

Interior Dome & Stepwell Lights

Perimeter Warning Lights

Monitors & Nozzles

Reels

Scene Lights (with Poles & Portable)

DOT Lights, Step Area Lights & License Plate Light

Marker & Ground Illumination Lights

Valves, Fittings & Plumbing Hardware

Compartment/Pump Panel Lights

Loose Equipment (i.e. Hand Tools, Ground Monitors)

Multiplexing (including Display Preference)



**Tested... Proven... Trusted.**



### Reels

<input type="checkbox"/> ERWC-15-10 Electric Rewind Cord Reel	Quantity
<input type="checkbox"/> ERWC-16-6 Electric Rewind Cord Reel	Quantity
<input type="checkbox"/> ERWC-10-16 Electric Rewind Cord Reel	Quantity
<input type="checkbox"/> ERWC-10-28 Electric Rewind Cord Reel	Quantity
<input type="checkbox"/> ERWH-15-10 Hydraulic Rewind Hose Reel	Quantity
<input type="checkbox"/> ERWH-16-6 Hydraulic Rewind Hose Reel	Quantity
<input type="checkbox"/> ERWH-10-16 Hydraulic Rewind Hose Reel	Quantity
<input type="checkbox"/> ERWU-15-10 Utility Air Rewind Hose Reel	Quantity
<input type="checkbox"/> ERWU-16-6 Utility Air Rewind Hose Reel	Quantity
<input type="checkbox"/> ERWU-10-16 Utility Air Rewind Hose Reel	Quantity
<input type="checkbox"/> ERWHB-15-10 Breathing Air Rewind Hose Reel	Quantity
<input type="checkbox"/> ERWHB-16-6 Breathing Air Rewind Hose Reel	Quantity
<input type="checkbox"/> ERWHB-10-16 Breathing Air Rewind Hose Reel	Quantity
<input type="checkbox"/> ERWB-22-20 Booster Hose Rewind Reel	Quantity
<input type="checkbox"/> ERWB-24-20 Booster Hose Rewind Reel	Quantity
<input type="checkbox"/> ERWB-16-28 Booster Hose Rewind Reel	Quantity

### Monitors & Nozzles

#### Monitors-Electric

<input type="checkbox"/> 3440 DeckMaster	Quantity
<input type="checkbox"/> 3600 Optional Wireless Remote Control	Quantity
<input type="checkbox"/> 3406 Optional 12" Electric Riser	Quantity
<input type="checkbox"/> 3578 StreamMaster	Quantity

#### Monitors - Manual

<input type="checkbox"/> 3416 Apollo - Single Inlet	Quantity
<input type="checkbox"/> 3423 Apollo - Dual Inlet	Quantity
<input type="checkbox"/> 3431 Apollo HiRiser	Quantity

#### Nozzle - Electric

<input type="checkbox"/> 1577 SaberMaster	Quantity
<input type="checkbox"/> 5177 Akromatic 1250	Quantity
<input type="checkbox"/> 5178 Akromatic 2000	Quantity

#### Nozzle - Manual

<input type="checkbox"/> 5160 Akromatic 1250	Quantity
<input type="checkbox"/> 1745 TurboMaster 750	Quantity
<input type="checkbox"/> 1755 TurboMaster 1250	Quantity
<input type="checkbox"/> 1757 Turbomaster 1000	Quantity
<input type="checkbox"/> 3499 Stacked Tips w/3489 Discharge Tube	Quantity

### Valve, Fittings & Plumbing Hardware

<input type="checkbox"/> 57 Drain Valve- 3/4" for use with each discharge valve	Quantity
<input type="checkbox"/> 59 Relief Valve - one per pump	Quantity
<input type="checkbox"/> 345 Caps	Quantity
<input type="checkbox"/> 347 Plugs	Quantity
<input type="checkbox"/> 630, 632, 635 Elbows	Quantity
<input type="checkbox"/> 650 Swivel Joints	Quantity
<input type="checkbox"/> 655 Front Suction	Quantity
<input type="checkbox"/> 1477 Push-Pull Rod - Remote Valve Control	Quantity
<input type="checkbox"/> 3061, 3096, & 3126 Foam System - Truck By-Pass Eductor Foam System	Quantity
<input type="checkbox"/> 3128 Off-Truck Foam Access Kit	Quantity
<input type="checkbox"/> 7940 - 7960 Butterfly	Quantity
<input type="checkbox"/> 7980 BlackMax Piston Intake	Quantity
<input type="checkbox"/> 8600 Electric Swing Out Valves	Quantity
<input type="checkbox"/> 8600 Gear Actuated Swing Out Valves	Quantity
<input type="checkbox"/> 8800 Swing Out Valves - Remote Actuated	Quantity
<input type="checkbox"/> 9300 Flow Meter	Quantity
<input type="checkbox"/> 9313 Valve Controller - Electric	Quantity
<input type="checkbox"/> 9315 Valve Controller - Electric	Quantity
<input type="checkbox"/> Valve Position Indicator- Gear Actuated Valves	Quantity
<input type="checkbox"/> Wyes & Siamese	Quantity
<input type="checkbox"/> Gate Valves	Quantity

### Lightbar & Siren

<input type="checkbox"/> Aero-Maxx 9188 Series halogen Lightbar	Quantity
<input type="checkbox"/> 3900 Series LED Flush Mount Lightbar	Quantity
<input type="checkbox"/> 9187-9500 Siren with PA	Quantity
<input type="checkbox"/> V3702 Diamondback Lightbar	Quantity
<input type="checkbox"/> V3713 Diamondback Wraparound Lightbar	Quantity

### Scene Lights (Cab or Body Surface Mount)

<input type="checkbox"/> 3862 3 x 7 HID	Quantity
<input type="checkbox"/> 4662 4 x 6 HID	Quantity
<input type="checkbox"/> 7862 7x 9 HID	Quantity
<input type="checkbox"/> 3800 Series 3 x 7 Halogen	Quantity
<input type="checkbox"/> 4600 Series 4 x 6 Halogen	Quantity
<input type="checkbox"/> 7800 Series 7 x9 Halogen	Quantity

### Scene Lights (with Poles & Portable)

<input type="checkbox"/> E-5150-SM or FM 12V NightBreaker HID	Quantity
<input type="checkbox"/> E-4500-SM or FM Low Profile Beta 500W 120V	Quantity
<input type="checkbox"/> E-4750-SM or FM Low Profile Beta 750W 120V	Quantity
<input type="checkbox"/> E-DM-PS-SM or FM DayMaker 12V	Quantity
<input type="checkbox"/> E-4500-POD 500W 120V Beta Tripod	Quantity
<input type="checkbox"/> E-4750-POD 750W 120V Beta Tripod	Quantity
<input type="checkbox"/> V375 Diamondback 3"x7" LED	Quantity
<input type="checkbox"/> V465 Diamondback 4"x6" LED	Quantity
<input type="checkbox"/> V795 Diamondback 7"x9" LED	Quantity

### Cab Brow Scene Lights

<input type="checkbox"/> E-4500-BL 500W 120V Brow Beta	Quantity
<input type="checkbox"/> E-4750-BL 750W 120V Brow Beta	Quantity
<input type="checkbox"/> E-4150-BL 150W 12V Brow Beta	Quantity
<input type="checkbox"/> V375 Diamondback 3"x7" LED	Quantity
<input type="checkbox"/> V465 Diamondback 4"x6" LED	Quantity

### DOT Lights, Step Area & License Plate Lights

<input type="checkbox"/> 9186-5525 Series 4-Inch Round LED Red Lights for Stop/Tail/Turn	Quantity
<input type="checkbox"/> 9186-5526 Series 4-Inch Round LED Lights for Backup	Quantity
<input type="checkbox"/> 3884 Series Tri-Cluster Lamp Assemblies 3X7	Quantity
<input type="checkbox"/> 4684 Series Tri-Cluster Lamp Assemblies 4X6	Quantity
<input type="checkbox"/> 4681 Series Tri Cluster Lamp Assemblies Horizontal 4X6	Quantity
<input type="checkbox"/> 3894 Series Quad Cluster Lamp Assemblies 3X7	Quantity
<input type="checkbox"/> 9186-23882 Series License Illuminator or Control Area Light	Quantity
<input type="checkbox"/> 8102 Series LED License Illuminator	Quantity

### Marker & Ground Illumination Lights

<input type="checkbox"/> 5170 Series 1.5" x 3.5" Rectangular LED	Quantity
<input type="checkbox"/> 9186-1500 Series 1.1" x 2.59" LED	Quantity
<input type="checkbox"/> 9186-5000 Series 4" Round LED	Quantity
<input type="checkbox"/> 9186-1585 Series Truck Style LED	Quantity
<input type="checkbox"/> 5060 Series Triangular Incandescent or LED	Quantity
<input type="checkbox"/> 9185 -40034 Series 5.5" Round Lamp	Quantity

### Compartment & Pump Panel Lights

<input type="checkbox"/> 9185-60004 Series 5.5" Oval LED or Incandescent	Quantity
<input type="checkbox"/> 9186-2301 Series LED Courtesy Lamp	Quantity
<input type="checkbox"/> 9186-5515 Series 4" Flange Mount LED	Quantity
<input type="checkbox"/> 2630 Series 2.5" x 6" Incandescent	Quantity
<input type="checkbox"/> 2631 Series 2.5" x 6" LED	Quantity

### Perimeter Warning Lights

<input type="checkbox"/> V Series Diamondback LED Lighting	
V34 Diamondback 3X4	Quantity
V37 Diamondback 3X7	Quantity
V46 Diamondback 4X6	Quantity
V79 Diamondback 7X9	Quantity
<input type="checkbox"/> 9188-2060 - 50 watt Halogen Rotating Beacon	Quantity

### Interior Dome & Stepwell Light

<input type="checkbox"/> 8048 Series Clear 8" LED	Quantity
<input type="checkbox"/> 8081 Series Red/Clear LED	Quantity
<input type="checkbox"/> 9185 Series Interior Light	Quantity
<input type="checkbox"/> 9186 Series Stepwell Lamp	Quantity

### Multiplexing

<input type="checkbox"/> VFD Display	Quantity
<input type="checkbox"/> Vista III Display	Quantity
<input type="checkbox"/> Vista III Touch Screen Display	Quantity
<input type="checkbox"/> Programmable On Demand Switches (PODS)	Quantity
<input type="checkbox"/> 6500 Series Camera	Quantity
<input type="checkbox"/> Integrated GPS System	Quantity
<input type="checkbox"/> 6204-0000-00 Occupant Restraint Indicator	Quantity
<input type="checkbox"/> 6444-0000-00 Vehicle Data Recorder (VDR)	Quantity

### Loose Equipment

<input type="checkbox"/> Generators	Quantity
<input type="checkbox"/> Hand Tools - Pike Poles- UL, PP, IB, WR - Multiple Hook Options,	
Axes w/Brackets, Brooms, Rakes, Beaters, Shovels, Squeegees	Quantity
<input type="checkbox"/> EJB Series Electrical Junction Box & Brackets	Quantity
<input type="checkbox"/> ECR Series Electric Cord Reel	Quantity
<input type="checkbox"/> Turbojet, Saberjet & Assault Handline Nozzles	Quantity
<input type="checkbox"/> Mercury, MercuryMaster & Ozzie Portable Ground Monitors	Quantity
<input type="checkbox"/> Foam Tube	Quantity
<input type="checkbox"/> 344 Barrel Suction Strainer	Quantity
<input type="checkbox"/> 443 Combination Wrench Holder with	Quantity
(2) Spanner wrenches and (1) Hydrant Wrench	Quantity
<input type="checkbox"/> 448 Combination Wrench Holder with (2) Spanners Wrenches	Quantity
<input type="checkbox"/> SSMP Super Spanner Wrench Set (4) Combination	Quantity
Storz and Spanner Wrenches	Quantity
<input type="checkbox"/> Hydrant Wrenches 15 or 17	Quantity
<input type="checkbox"/> 335 & 357 Double Female Adapters	Quantity
<input type="checkbox"/> 336 Double Male Adapters	Quantity
<input type="checkbox"/> 1483 Gated Siamese	Quantity
<input type="checkbox"/> 1583 Gated Siamese	Quantity
<input type="checkbox"/> 2583 Gated Siamese	Quantity
<input type="checkbox"/> FHY-6-HMT Flat Head Axe with Mounting Brackets	Quantity
<input type="checkbox"/> PHY-6-HMT Pick Head Axe with Mounting Brackets	Quantity
<input type="checkbox"/> Pike Poles UT-6, UT-8, UT-12, 6', 8' or 12' Pike Poles	Quantity
<input type="checkbox"/> Drywall Hooks UT-4D or UT-4D-DWH 4'	Quantity



Light Bar & Siren

Monitors & Nozzles

Scene Lights

Nozzles

Reels

DOT Lights, Step Area Lights & License Plate Light

Marker & Ground Illumination Lights

Valves, Fittings & Plumbing Hardware

Compartment/Pump Panel Lights

Brow & Marker Lights

Interior Dome & Stepwell Lights

Perimeter Warning Lights

Loose Equipment (i.e. Hand Tools, Portable Monitors)

Multiplexing (including Display Preference)



## Reels

<input type="checkbox"/> ERWC-15-10 Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWC-16-6 Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWC-10-16 Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWC-10-28 Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWH-15-10 Hydraulic Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWH-16-6 Hydraulic Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWH-10-16 Hydraulic Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWU-15-10 Utility Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWU-16-6 Utility Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWU-10-16 Utility Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWHB-15-10 Breathing Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWHB-16-6 Breathing Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWHB-10-16 Breathing Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWB-22-20 Booster Hose Rewind Reel.....	Quantity	_____
<input type="checkbox"/> ERWB-24-20 Booster Hose Rewind Reel.....	Quantity	_____
<input type="checkbox"/> ERWB-16-28 Booster Hose Rewind Reel.....	Quantity	_____

## Monitors & Nozzles

### Monitors-Electric

<input type="checkbox"/> 3578 StreamMaster.....	Quantity	_____
<input type="checkbox"/> 3600 Optional Wireless Remote Control.....	Quantity	_____

### Monitors - Manual

<input type="checkbox"/> 3570 Manual StreamMaster.....	Quantity	_____
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### Nozzle - Electric

<input type="checkbox"/> 1577 SaberMaster.....	Quantity	_____
<input type="checkbox"/> 5177 Akromatic 1250.....	Quantity	_____
<input type="checkbox"/> 5178 Akromatic 2000.....	Quantity	_____

### Nozzle - Manual

<input type="checkbox"/> 5160 Akromatic 1250.....	Quantity	_____
<input type="checkbox"/> 5170 Akromatic 2000.....	Quantity	_____
<input type="checkbox"/> 1745 TurboMaster 750.....	Quantity	_____
<input type="checkbox"/> 1755 TurboMaster 1250.....	Quantity	_____
<input type="checkbox"/> 1757 Turbomaster 1000.....	Quantity	_____
<input type="checkbox"/> 3499 Stacked Tips w/3489 Discharge Tube.....	Quantity	_____

### Ladder Pipe \*For Customers w/o Plumbed Waterways on Ladders

<input type="checkbox"/> 1494 Electric Ladder Pipe.....	Quantity	_____
<input type="checkbox"/> 1495 Ladder Pipe.....	Quantity	_____

## Valve, Fittings & Plumbing Hardware

<input type="checkbox"/> 57 Drain Valve- 3/4" for use with each discharge valve.....	Quantity	_____
<input type="checkbox"/> 59 Relief Valve - one per pump.....	Quantity	_____
<input type="checkbox"/> 345 Caps.....	Quantity	_____
<input type="checkbox"/> 347 Plugs.....	Quantity	_____
<input type="checkbox"/> 630, 632, 635 Elbows.....	Quantity	_____
<input type="checkbox"/> 650 Swivel Joints.....	Quantity	_____
<input type="checkbox"/> 655 Front Suction.....	Quantity	_____
<input type="checkbox"/> 1477 Push-Pull Rod - Remote Valve Control.....	Quantity	_____
<input type="checkbox"/> 3061, 3096, & 3126 Foam System - Truck By-Pass Eductor Foam System.....	Quantity	_____
<input type="checkbox"/> 3128 Off-Truck Foam Access Kit.....	Quantity	_____
<input type="checkbox"/> 7940 - 7960 Butterfly.....	Quantity	_____
<input type="checkbox"/> 7980 BlackMax Piston Intake.....	Quantity	_____
<input type="checkbox"/> 8600 Electric Swing Out Valves.....	Quantity	_____
<input type="checkbox"/> 8600 Gear Actuated Swing Out Valves.....	Quantity	_____
<input type="checkbox"/> 8800 Swing Out Valves - Remote Actuated.....	Quantity	_____
<input type="checkbox"/> 9300 Flow Meter.....	Quantity	_____
<input type="checkbox"/> 9313 Valve Controller - Electric.....	Quantity	_____
<input type="checkbox"/> 9315 Valve Controller - Electric.....	Quantity	_____
<input type="checkbox"/> Valve Position Indicator- Gear Actuated Valves.....	Quantity	_____
<input type="checkbox"/> Wyes & Siamese.....	Quantity	_____
<input type="checkbox"/> Gate Valves.....	Quantity	_____

## Lightbar & Siren

<input type="checkbox"/> Aero-Maxx 9188 Series halogen Lightbar.....	Quantity	_____
<input type="checkbox"/> 3900 Series LED Flush Mount Lightbar.....	Quantity	_____
<input type="checkbox"/> 9187-9500 Siren with PA.....	Quantity	_____
<input type="checkbox"/> V3702 Diamondback Lightbar.....	Quantity	_____
<input type="checkbox"/> V3713 Diamondback Wraparound Lightbar.....	Quantity	_____

## Scene Lights (Cab or Body Surface Mount)

<input type="checkbox"/> 3862 3 x 7 HID.....	Quantity	_____
<input type="checkbox"/> 4662 4 x 6 HID.....	Quantity	_____
<input type="checkbox"/> 7862 7x 9 HID.....	Quantity	_____
<input type="checkbox"/> 3800 Series 3 x 7 Halogen.....	Quantity	_____
<input type="checkbox"/> 4600 Series 4 x 6 Halogen.....	Quantity	_____
<input type="checkbox"/> 7800 Series 7 x 9 Halogen.....	Quantity	_____
<input type="checkbox"/> V375 Diamondback 3"x7" LED.....	Quantity	_____
<input type="checkbox"/> V465 Diamondback 4"x6" LED.....	Quantity	_____
<input type="checkbox"/> V795 Diamondback 7"x9" LED.....	Quantity	_____

## Scene Lights (with Poles & Portable)

<input type="checkbox"/> E-5150-SM or FM 12V NightBreaker HID.....	Quantity	_____
<input type="checkbox"/> E-4500-SM or FM Low Profile Beta 500W 120V.....	Quantity	_____
<input type="checkbox"/> E-4750-SM or FM Low Profile Beta 750W 120V.....	Quantity	_____
<input type="checkbox"/> E-DM-PS-SM or FM DayMaker 12V.....	Quantity	_____
<input type="checkbox"/> E-4500-POD 500W 120V Beta Tripod.....	Quantity	_____
<input type="checkbox"/> E-4750-POD 750W 120V Beta Tripod.....	Quantity	_____

## Cab Brow Scene Lights

<input type="checkbox"/> E-4500-BL 500W 120V Brow Beta.....	Quantity	_____
<input type="checkbox"/> E-4750-BL 750W 120V Brow Beta.....	Quantity	_____
<input type="checkbox"/> E-4150-BL 150W 12V Brow Beta.....	Quantity	_____
<input type="checkbox"/> V375 Diamondback 3"x7" LED.....	Quantity	_____
<input type="checkbox"/> V465 Diamondback 4"x6" LED.....	Quantity	_____

## DOT Lights, Step Area & License Plate Lights

<input type="checkbox"/> 9186-5525 Series 4-Inch Round LED Red Lights for Stop/Tail/Turn.....	Quantity	_____
<input type="checkbox"/> 9186-5526 Series 4-Inch Round LED Lights for Backup.....	Quantity	_____
<input type="checkbox"/> 3884 Series Tri-Cluster Lamp Assemblies 3X7.....	Quantity	_____
<input type="checkbox"/> 4684 Series Tri-Cluster Lamp Assemblies 4X6.....	Quantity	_____
<input type="checkbox"/> 4681 Series Tri Cluster Lamp Assemblies Horizontal 4X6.....	Quantity	_____
<input type="checkbox"/> 3894 Series Quad Cluster Lamp Assemblies 3X7.....	Quantity	_____
<input type="checkbox"/> 9186-23882 Series License Illuminator or Control Area Light.....	Quantity	_____
<input type="checkbox"/> 8102 Series LED License Illuminator.....	Quantity	_____

## Marker & Ground Illumination Lights

<input type="checkbox"/> 5170 Series 1.5" x 3.5" Rectangular LED.....	Quantity	_____
<input type="checkbox"/> 9186-1500 Series 1.1" x 2.59" LED.....	Quantity	_____
<input type="checkbox"/> 9186-5000 Series 4" Round LED.....	Quantity	_____
<input type="checkbox"/> 9186-1585 Series Truck Style LED.....	Quantity	_____
<input type="checkbox"/> 5060 Series Triangular Incandescent or LED.....	Quantity	_____
<input type="checkbox"/> 9185 -40034 Series 5.5" Round Lamp.....	Quantity	_____

## Compartment & Pump Panel Lights

<input type="checkbox"/> 9185-60004 Series 5.5" Round LED or Incandescent.....	Quantity	_____
<input type="checkbox"/> 9186-2301 Series LED Courtesy Lamp.....	Quantity	_____
<input type="checkbox"/> 9186-5515 Series 4" Flange Mounted LED.....	Quantity	_____
<input type="checkbox"/> 2630 Series 2.5" x 6" Incandescent.....	Quantity	_____
<input type="checkbox"/> 2631 Series 2.5" x 6" LED.....	Quantity	_____

## Perimeter Warning Lights

<input type="checkbox"/> V Series Diamondback LED Lighting.....	Quantity	_____
V34 Diamondback 3X4.....	Quantity	_____
V37 Diamondback 3X7.....	Quantity	_____
V46 Diamondback 4X6.....	Quantity	_____
V79 Diamondback 7X9.....	Quantity	_____
<input type="checkbox"/> 9188-2060 - 50 watt Halogen Rotating Beacon.....	Quantity	_____

## Interior Dome & Stepwell Light

<input type="checkbox"/> 8048 Series Clear 8" LED.....	Quantity	_____
<input type="checkbox"/> 8081 Series Red/Clear LED.....	Quantity	_____
<input type="checkbox"/> 9185 Series Interior Light.....	Quantity	_____
<input type="checkbox"/> 9186 Series Stepwell Lamp.....	Quantity	_____

## Multiplexing

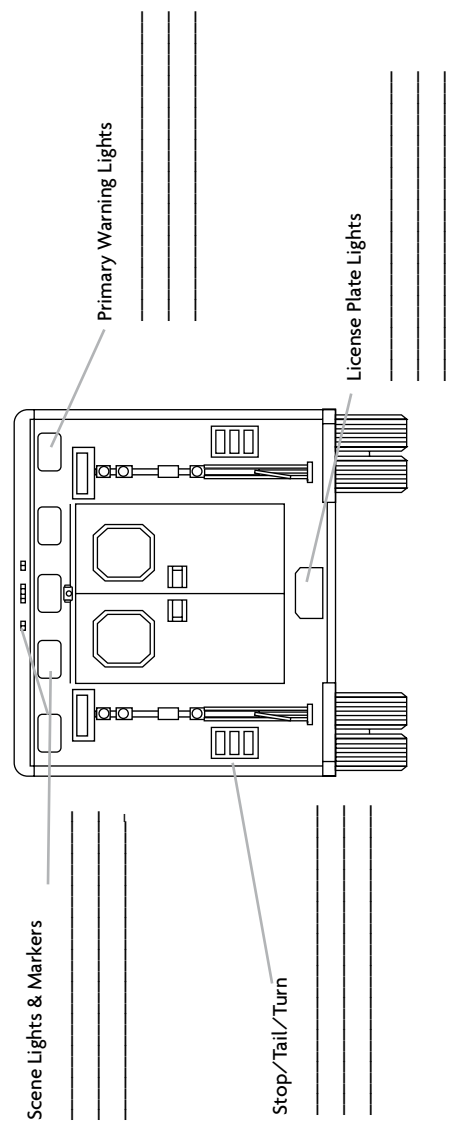
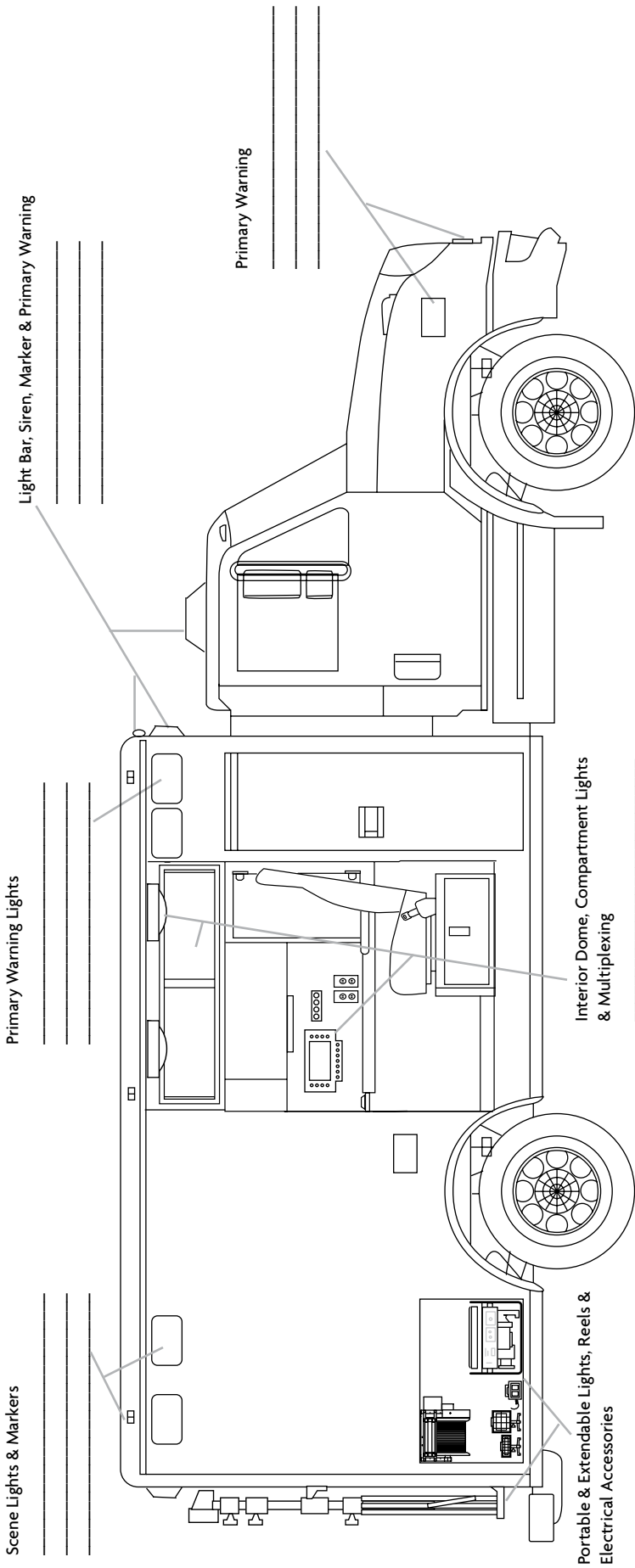
<input type="checkbox"/> VFD Display.....	Quantity	_____
<input type="checkbox"/> Vista III Display.....	Quantity	_____
<input type="checkbox"/> Vista III Touch Screen Display.....	Quantity	_____
<input type="checkbox"/> Programmable On Demand Switches (PODS).....	Quantity	_____
<input type="checkbox"/> 6500 Series Camera.....	Quantity	_____
<input type="checkbox"/> Integrated GPS System.....	Quantity	_____
<input type="checkbox"/> 6204-0000-00 Occupant Restraint Indicator.....	Quantity	_____
<input type="checkbox"/> 6444-0000-00 Vehicle Data Recorder (VDR).....	Quantity	_____

## Loose Equipment

<input type="checkbox"/> Generators.....	Quantity	_____
<input type="checkbox"/> Hand Tools - Pike Poles- UL, PP, IB, WR - Multiple Hook Options, Axes w/ Brackets, Brooms, Rakes, Beaters, Shovels, Squeegees.....	Quantity	_____
<input type="checkbox"/> EJB Series Electrical Junction Box & Brackets.....	Quantity	_____
<input type="checkbox"/> ECR Series Electric Cord Reel.....	Quantity	_____
<input type="checkbox"/> Turbojet, Saberjet & Assault Handline Nozzles.....	Quantity	_____
<input type="checkbox"/> Mercury, MercuryMaster & Ozzie Portable Ground Monitors.....	Quantity	_____
<input type="checkbox"/> Foam Tube.....	Quantity	_____
<input type="checkbox"/> 443 Combination Wrench Holder with (2) Spanner wrenches and (1) Hydrant Wrench.....	Quantity	_____
<input type="checkbox"/> 448 Combination Wrench Holder with (2) Spanners Wrenches.....	Quantity	_____
<input type="checkbox"/> SSMP Super Spanner Wrench Set (4) Combination Storz and Spanner Wrenches.....	Quantity	_____
<input type="checkbox"/> 583 Hose Hoist.....	Quantity	_____
<input type="checkbox"/> 335 & 357 Double Female Adapters.....	Quantity	_____
<input type="checkbox"/> 336 Double Male Adapters.....	Quantity	_____
<input type="checkbox"/> 1483 Gated Siamese.....	Quantity	_____
<input type="checkbox"/> 1583 Gated Siamese.....	Quantity	_____
<input type="checkbox"/> 2583 Gated Siamese.....	Quantity	_____
<input type="checkbox"/> 78 Ladder Straps.....	Quantity	_____
<input type="checkbox"/> PHY-6-HMT Flat Head Axe with Mounting Brackets.....	Quantity	_____
<input type="checkbox"/> PHY-6-HMT Pick Head Axe with Mounting Brackets.....	Quantity	_____
<input type="checkbox"/> PHY-6-HMT Flat Head Axe with Mounting Brackets.....	Quantity	_____
<input type="checkbox"/> PHY-6-HMT Pick Head Axe with Mounting Brackets.....	Quantity	_____
<input type="checkbox"/> Pike Poles UT-6, UT-8, UT-12, 6',8'or 12' Pike Poles.....	Quantity	_____
<input type="checkbox"/> Drywall Hooks UT-4D or UT-4D-DWH 4'.....	Quantity	_____
<input type="checkbox"/> Pinch Point Bars PPB-36, PPB-51, or PPB-60.....	Quantity	_____
<input type="checkbox"/> Roof Hooks ARH-365, ARH-60-FC, ARH-72.....	Quantity	_____







**Tested... Proven... Trusted.**

### Perimeter Warning Lights

- V Series Diamondback LED Lighting
  - V34 Diamondback 3X4 .....Quantity \_\_\_\_\_
  - V37 Diamondback 3X7 .....Quantity \_\_\_\_\_
  - V46 Diamondback 4X6 .....Quantity \_\_\_\_\_
  - V79 Diamondback 7X9 .....Quantity \_\_\_\_\_
- 0B80-2495-00 Chrome Bezel Kit 3X4 .....Quantity \_\_\_\_\_
- 0B80-2335-00 Chrome Bezel Kit 3X7 .....Quantity \_\_\_\_\_
- 0B80-2336-00 Chrome Bezel Kit 4X6 .....Quantity \_\_\_\_\_
- 0B80-2337-00 Chrome Bezel Kit 7X9 .....Quantity \_\_\_\_\_

### Lightbar & Siren

- Aero-Maxx 9100 Series Halogen Lightbar .....Quantity \_\_\_\_\_
- 3900 Series Flush Mounted LED Front/Rear Lightbar .....Quantity \_\_\_\_\_
- 9187-9500 Siren with PA .....Quantity \_\_\_\_\_
- V3702 Diamondback Lightbar .....Quantity \_\_\_\_\_

### Surface Mount, Exterior Body Scene Lighting

- V Series Diamondback LED Scene Lighting .....Quantity \_\_\_\_\_
- V375 Diamondback 3X7 Scene .....Quantity \_\_\_\_\_
- V46S Diamondback 4X6 Scene .....Quantity \_\_\_\_\_
- V79S Diamondback 7X9 Scene .....Quantity \_\_\_\_\_
- 0B80-2335-00 Chrome Bezel Kit 3X7 .....Quantity \_\_\_\_\_
- 0B80-2336-00 Chrome Bezel Kit 4X6 .....Quantity \_\_\_\_\_
- 0B80-2337-00 Chrome Bezel Kit 7X9 .....Quantity \_\_\_\_\_
- 3800 Series Halogen Scene Light 3X7 .....Quantity \_\_\_\_\_
- 3800 Series HID Scene Light 3X7 .....Quantity \_\_\_\_\_
- 4600 Series Halogen Scene Light 4X6 .....Quantity \_\_\_\_\_
- 4600 Series HID Scene Light 4X6 .....Quantity \_\_\_\_\_
- 7800 Series Halogen Scene Light 7X9 .....Quantity \_\_\_\_\_
- 7800 Series HID Scene Light 7X9 .....Quantity \_\_\_\_\_

### DOT Lighting

- 9186-1500 Series Rectanglar LED Red Marker Lamps .....Quantity \_\_\_\_\_
- 9186-1500 Series Rectanglar LED Amber Marker Lamps .....Quantity \_\_\_\_\_
- 9186-5525 Series 4-Inch Round LED Red Lights for Stop/Tail/Turn .....Quantity \_\_\_\_\_
- 9186-5526 Series 4-Inch Round LED White Lights for Backup .....Quantity \_\_\_\_\_
- 3884 Series Tri-Cluster Lamp Assemblies 3X7 .....Quantity \_\_\_\_\_
- 3894 Series Quad Cluster Lamp Assemblies 3X7 .....Quantity \_\_\_\_\_
- 4684 Series Tri-Cluster Lamp Assemblies 4X6 .....Quantity \_\_\_\_\_
- 4681 Series Tri-Cluster Lamp Assemblies Horizontal 4X6 .....Quantity \_\_\_\_\_
- 9186-23882 Series License Illuminator or Control Area Light .....Quantity \_\_\_\_\_
- 8102 Series LED License Illuminator .....Quantity \_\_\_\_\_

### Rear Patient Compartment Lighting

- 8048 Series Recessed LED Lighting Clear or Red .....Quantity \_\_\_\_\_
- 8047 Series Mt LED Lighting Clear or Red .....Quantity \_\_\_\_\_
- 8046 Series Recessed Halogen Lighting .....Quantity \_\_\_\_\_

### Cab Interior Dome Lighting

- 1010-8100 Series LED Interior Dome Light .....Quantity \_\_\_\_\_
- Red/Clear Interior Dome Light
- 8081/8080 Series LED .....Quantity \_\_\_\_\_
- 8080/8081 Series Incandescent .....Quantity \_\_\_\_\_

### Body Side Compartment Lighting

- 2631 Series LED Surface Mount Dome/Panel Light .....Quantity \_\_\_\_\_
- 1010-8100 Series LED Compartment Light .....Quantity \_\_\_\_\_
- 1010 Series Incandescent Compartment Light .....Quantity \_\_\_\_\_
- 9185-4000 Series 5.5" Round Incandescent Light .....Quantity \_\_\_\_\_
- 9186-2301 Series LED Courtesy Light .....Quantity \_\_\_\_\_
- 9186-5526 Series 4" Round LED Clear Light .....Quantity \_\_\_\_\_

### Multiplexing

- VFD Display .....Quantity \_\_\_\_\_
- Vista III Display .....Quantity \_\_\_\_\_
- Vista III Touch Screen Display .....Quantity \_\_\_\_\_
- Programmable On Demand Switches (PODS) .....Quantity \_\_\_\_\_
- 6500 Series Camera .....Quantity \_\_\_\_\_
- Integrated GPS System .....Quantity \_\_\_\_\_
- 6204-0000-00 Occupant Restraint Indicator .....Quantity \_\_\_\_\_
- 6444-0000-00 Vehicle Data Recorder (VDR) .....Quantity \_\_\_\_\_

### Portable & Extendable Lights, Reels & Electrical Accessories

- EJB Series Electrical Junction Box .....Quantity \_\_\_\_\_
- ECR Cord & ERWC Electric Cord Reel .....Quantity \_\_\_\_\_
- Yamaha Generator .....Quantity \_\_\_\_\_
- PL Series Portable Light .....Quantity \_\_\_\_\_
- DayMaker 12V 300wIncandescent w/Telescopic & Brackets .....Quantity \_\_\_\_\_
- NightBreaker 12v 150w HID w/Telescopic & Brackets .....Quantity \_\_\_\_\_
- Beta 4150 Series 12V w/Wire Guard & Telescopic .....Quantity \_\_\_\_\_
- 4750 Series Pull-up/Push-up Light System .....Quantity \_\_\_\_\_
- 4750 Series Extenda-POD Light Mounting System .....Quantity \_\_\_\_\_



Scene Lights (Permanent & Portable)

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Recessed Scene Lights

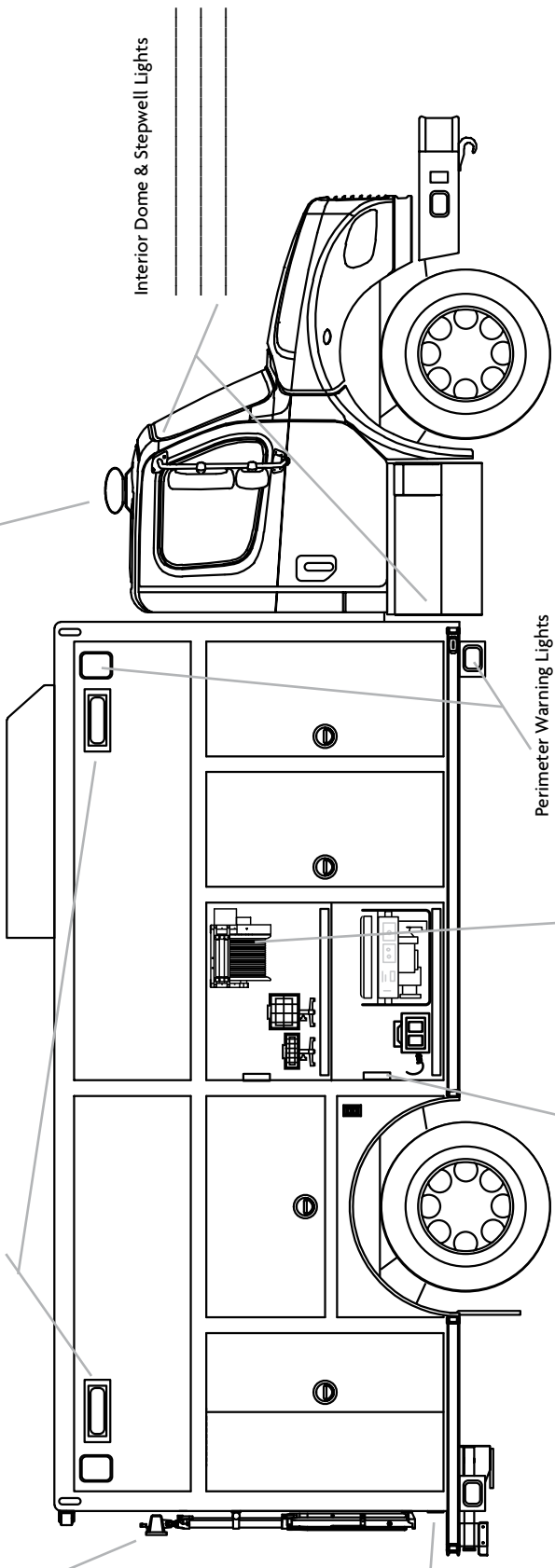
\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Light Bar & Siren

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Interior Dome & Stepwell Lights

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



DOT Lights, Step Area Lights & License Plate Light

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Perimeter Warning Lights

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Compartment Lights

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reels, Junction Boxes & Generator

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Loose Equipment (i.e. Hand Tools)

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Multiplexing (including Display Preference)

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**Tested... Proven... Trusted.**



### Reels

<input type="checkbox"/> ERWC-15-10 Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWC-16-6 Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWC-10-16 Electric Rewind Cord.....	Quantity	_____
<input type="checkbox"/> ERWH-15-10 Hydraulic Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWH-16-6 Hydraulic Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWU-15-10 Utility Air Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWLB-15-10 Low Pressure Breathing Air Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWHB-15-10 High Pressure Breathing Air Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWC-10-28 Electric Rewind Cord Reel.....	Quantity	_____
<input type="checkbox"/> ERWH-15-10 Hydraulic Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWH-16-6 Hydraulic Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWH-10-16 Hydraulic Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWU-15-10 Utility Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWU-16-6 Utility Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWU-10-16 Utility Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWHB-15-10 Breathing Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWHB-16-6 Breathing Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWHB-10-16 Breathing Air Rewind Hose Reel.....	Quantity	_____
<input type="checkbox"/> ERWB-22-20 Booster Hose Rewind Reel.....	Quantity	_____
<input type="checkbox"/> ERWB-24-20 Booster Hose Rewind Reel.....	Quantity	_____
<input type="checkbox"/> ERWB-16-28 Booster Hose Rewind Reel.....	Quantity	_____

### Lightbar & Siren

<input type="checkbox"/> Aero-Maxx 9188 Series halogen Lightbar.....	Quantity	_____
<input type="checkbox"/> 3900 Series LED Flush Mount Lightbar.....	Quantity	_____
<input type="checkbox"/> 9187-9500 Siren with PA.....	Quantity	_____
<input type="checkbox"/> V3702 Diamondback Lightbar.....	Quantity	_____
<input type="checkbox"/> V3713 Diamondback Wraparound Lightbar.....	Quantity	_____

### Scene Lights (Cab or Body Surface Mount)

<input type="checkbox"/> 3862 3 x 7 HID.....	Quantity	_____
<input type="checkbox"/> 4662 4 x 6 HID.....	Quantity	_____
<input type="checkbox"/> 7862 7x 9 HID.....	Quantity	_____
<input type="checkbox"/> 3800 Series 3 x 7 Halogen.....	Quantity	_____
<input type="checkbox"/> 4600 Series 4 x 6 Halogen.....	Quantity	_____
<input type="checkbox"/> 7800 Series 7 x9 Halogen.....	Quantity	_____
<input type="checkbox"/> V375 Diamondback 3"x7" LED.....	Quantity	_____
<input type="checkbox"/> V465 Diamondback 4"x6" LED.....	Quantity	_____
<input type="checkbox"/> V795 Diamondback 7"x9" LED.....	Quantity	_____

### Scene Lights (with Poles & Portable)

<input type="checkbox"/> E-5150-SM or FM 12V NightBreaker HID.....	Quantity	_____
<input type="checkbox"/> E-4500-SM or FM Low Profile Beta 500W 120V.....	Quantity	_____
<input type="checkbox"/> E-4750-SM or FM Low Profile Beta 750W 120V.....	Quantity	_____
<input type="checkbox"/> E-DM-PS-SM or FM DayMaker 12V.....	Quantity	_____
<input type="checkbox"/> E-4500-POD 500W 120V Beta Tripod.....	Quantity	_____
<input type="checkbox"/> E-4750-POD 750W 120V Beta Tripod.....	Quantity	_____
<input type="checkbox"/> E-4750-TLT-PS-SM 750W 120V Remote Tilt Light.....	Quantity	_____
<input type="checkbox"/> E-1000-MH-3POLE-AO-AM 1000 w Metal Halide 3-Pole Air Mast.....	Quantity	_____
<input type="checkbox"/> E-W5360-GRN-PS-SM 12v Green Strobe Push-Up Light.....	Quantity	_____

### DOT Lights, Step Area & License Plate Lights

<input type="checkbox"/> 9186-5525 Series 4-Inch Round LED Red Lights for Stop/Tail/Turn.....	Quantity	_____
<input type="checkbox"/> 9186-5526 Series 4-Inch Round LED Lights for Backup.....	Quantity	_____
<input type="checkbox"/> 3884 Series Tri-Cluster Lamp Assemblies 3X7.....	Quantity	_____
<input type="checkbox"/> 4684 Series Tri-Cluster Lamp Assemblies 4X6.....	Quantity	_____
<input type="checkbox"/> 4681 Series Tri Cluster Lamp Assemblies Horizontal 4X6.....	Quantity	_____
<input type="checkbox"/> 3894 Series Quad Cluster Lamp Assemblies 3X7.....	Quantity	_____
<input type="checkbox"/> 9186-23882 Series License Illuminator or Control Area Light.....	Quantity	_____
<input type="checkbox"/> 8102 Series LED License Illuminator.....	Quantity	_____

### Marker & Ground Illumination Lights

<input type="checkbox"/> 5170 Series 1.5" x 3.5" Rectangular LED.....	Quantity	_____
<input type="checkbox"/> 9186-1500 Series 1.1" x 2.59" LED.....	Quantity	_____
<input type="checkbox"/> 9186-5000 Series 4" Round LED.....	Quantity	_____
<input type="checkbox"/> 9186-1585 Series Truck Style LED.....	Quantity	_____
<input type="checkbox"/> 5060 Series Triangular Incandescent or LED.....	Quantity	_____
<input type="checkbox"/> 9185-40034 Series 5.5" Round Lamp.....	Quantity	_____

### Compartment & Pump Panel Lights

<input type="checkbox"/> 9185-60004 Series 5.5" Round LED or Incandescent.....	Quantity	_____
<input type="checkbox"/> 9186-2301 Series LED Courtesy Lamp.....	Quantity	_____
<input type="checkbox"/> 9186-5515 Series 4" Flange Mounted LED.....	Quantity	_____
<input type="checkbox"/> 2630 Series 2.5" x 6" Incandescent.....	Quantity	_____
<input type="checkbox"/> 2631 Series 2.5" x 6" LED.....	Quantity	_____

### Perimeter Warning Lights

<input type="checkbox"/> V Series Diamondback LED Lighting	Quantity	_____
V34 Diamondback 3X4.....	Quantity	_____
V37 Diamondback 3X7.....	Quantity	_____
V46 Diamondback 4X6.....	Quantity	_____
V79 Diamondback 7X9.....	Quantity	_____

### Interior Dome & Stepwell Light

<input type="checkbox"/> 8048 Series Clear 8" LED.....	Quantity	_____
<input type="checkbox"/> 8081 Series Red/Clear LED.....	Quantity	_____
<input type="checkbox"/> 9185 Series Interior Light.....	Quantity	_____
<input type="checkbox"/> 9186 Series Stepwell Lamp.....	Quantity	_____

### Recessed Scene Lights

<input type="checkbox"/> E-4500-RM 500W 120V Recess Mount Beta Light.....	Quantity	_____
<input type="checkbox"/> E-4750-RM 750W 120V Recessed Mount Beta Light.....	Quantity	_____
<input type="checkbox"/> E-4150-RM 150W 12V Recessed Mount Beta Light.....	Quantity	_____

### Multiplexing

<input type="checkbox"/> VFD Display.....	Quantity	_____
<input type="checkbox"/> Vista III Display.....	Quantity	_____
<input type="checkbox"/> Programmable On Demand Switches (PODS).....	Quantity	_____
<input type="checkbox"/> 6500 Series Camera.....	Quantity	_____
<input type="checkbox"/> Integrated GPS System.....	Quantity	_____
<input type="checkbox"/> Vista III Touch Screen Display.....	Quantity	_____
<input type="checkbox"/> 6204-0000-00 Occupant Restraint Indicator.....	Quantity	_____
<input type="checkbox"/> 6444-0000-00 Vehicle Data Recorder (VDR).....	Quantity	_____

### Loose Equipment

<input type="checkbox"/> Generators.....	Quantity	_____
<input type="checkbox"/> Hand Tools - Pike Poles- UL, PP, IB, WR - Multiple Hook Options, Axes w/Brackets, Brooms, Rakes, Beaters, Shovels, Squeegees.....	Quantity	_____
<input type="checkbox"/> EJB Series Electrical Junction Box & Brackets.....	Quantity	_____
<input type="checkbox"/> ECR Series Electric Cord Reel.....	Quantity	_____
<input type="checkbox"/> FHY-6-HMT Flat Head Axe with Mounting Brackets.....	Quantity	_____
<input type="checkbox"/> PHY-6-HMT Pick Head Axe with Mounting Brackets.....	Quantity	_____
<input type="checkbox"/> FHY-6-HMT Flat Head Axe with Mounting Brackets.....	Quantity	_____
<input type="checkbox"/> PHY-6-HMT Pick Head Axe with Mounting Brackets.....	Quantity	_____
<input type="checkbox"/> AS-27D D-Handle Scoop Shovels.....	Quantity	_____
<input type="checkbox"/> SS-48F Square Point Shovel.....	Quantity	_____
<input type="checkbox"/> UL-SQ-60F Squeegee.....	Quantity	_____
<input type="checkbox"/> Pike Poles UT-6, UT-8, or UT-12, 6',8' or 12' Pike Poles.....	Quantity	_____
<input type="checkbox"/> Drywall Hooks UT-4D or UT-4D-DWH 4'.....	Quantity	_____
<input type="checkbox"/> Pinch Point Bars PPB-36, PPB-51, or PPB-60.....	Quantity	_____
<input type="checkbox"/> Roof Hooks ARH-36S, ARH-60-FC, ARH-72.....	Quantity	_____





**Valves & Plumbing Hardware**  
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**Booster Reel & Hand Line Nozzle**  
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**Scene Lighting**  
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**Warning Lighting & Siren**  
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**Marker Lights & Reflectors**  
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**Warning Lights**  
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**Accessories & Hand Tools**  
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**Compartment Lights**  
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**Front Bumper Monitor & Nozzle**  
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**License Plate & Work Area Lights**  
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**Marker Lights & Reflectors**  
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**Stop, Tail & Turn, And Back-up Lights**  
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**Tested... Proven... Trusted.**

### Valves & Plumbing Hardware

- 8800 Series Heavy-Duty Swing-Out Valve, 1-inch for tank fill and hose reel discharge, with TSC handle.....Quantity: \_\_\_\_\_
- 8800 Series Heavy-Duty Swing-Out Valve, 1.5-inch or 2-inch for pre-connect with TSC handle.....Quantity: \_\_\_\_\_
- 8800 Series Heavy-Duty Swing-Out Valve, 2.5-inch for suction with TSC handle.....Quantity: \_\_\_\_\_
- 8800 Series Heavy-Duty Swing-Out Valve, 2.5-inch or 3-inch for tank-to-pump with TSC handle.....Quantity: \_\_\_\_\_
- Style 635 90-degree swivel for 1.5-inch pre-connect.....Quantity: \_\_\_\_\_
- Style 7 drain valve.....Quantity: \_\_\_\_\_

### Handline Nozzles

- Style 1030 1-inch Forestry Nozzle.....Quantity: \_\_\_\_\_
- Style 1700 1-inch Aussie Bush Nozzle.....Quantity: \_\_\_\_\_
- Style 1702 1-inch TurboJet with PG.....Quantity: \_\_\_\_\_
- Style 2103 1-inch Shut-Off with Style 1410 Straight Tip.....Quantity: \_\_\_\_\_
- Style 4802 1-inch Assault.....Quantity: \_\_\_\_\_

### Monitor & Nozzle

- Style 3463 FireFox monitor, Style 3293 nozzle, & joystick.....Quantity: \_\_\_\_\_

### Lightbar & Siren

- Aero-Maxx 9188 Series halogen Lightbar.....Quantity: \_\_\_\_\_
- 3900 Series LED Flush Mount Lightbar.....Quantity: \_\_\_\_\_
- 9187-9500 Siren with PA.....Quantity: \_\_\_\_\_
- V3702 Diamondback Lightbar.....Quantity: \_\_\_\_\_

### Perimeter Warning Lights

- V Series Diamondback LED Lighting
  - V26 Diamondback 2X6.....Quantity: \_\_\_\_\_
  - V34 Diamondback 3X4.....Quantity: \_\_\_\_\_
  - V37 Diamondback 3X7.....Quantity: \_\_\_\_\_
  - V46 Diamondback 4X6.....Quantity: \_\_\_\_\_
  - V79 Diamondback 7X9.....Quantity: \_\_\_\_\_

### Accessories & Hand Tools

- Style 339 2.5-inch basket strainer.....Quantity: \_\_\_\_\_
- Style 448 2-wrench holder with two (2) Style 10 wrenches.....Quantity: \_\_\_\_\_
- Style FB-15 Fire Beater with wooden handle with bracket.....Quantity: \_\_\_\_\_
- Style FB-15 Fire Beater with fiberglass handle with bracket.....Quantity: \_\_\_\_\_
- Style FR-12 Fire Rake with wooden handle with bracket.....Quantity: \_\_\_\_\_
- Style FR-60F Fire Rake with fiberglass handle.....Quantity: \_\_\_\_\_
- Style WPL-4 Pulaski Axe with wood handle with bracket.....Quantity: \_\_\_\_\_
- Style MT-48 McLeod Tool with 48-inch wood handle with bracket.....Quantity: \_\_\_\_\_
- Style MT-50W McLeod Tool with 50-inch wood handle with bracket.....Quantity: \_\_\_\_\_
- Style UL-MT-48F McLeod Tool with 48-inch fiberglass handle with bracket.....Quantity: \_\_\_\_\_
- Style RS-48F Round Point Shovel with fiberglass handle with bracket.....Quantity: \_\_\_\_\_

### Booster Reel

- ERWB-22-20 Booster Hose Rewind Reel.....Quantity: \_\_\_\_\_
- ERWB-24-20 Booster Hose Rewind Reel.....Quantity: \_\_\_\_\_
- ERWB-16-28 Booster Hose Rewind Reel.....Quantity: \_\_\_\_\_

### Scene Lights (with Poles & Portable)

- E-5150-SM 12V NightBreaker HID (with Wire Guard).....Quantity: \_\_\_\_\_
- E-4500-SM Low Profile Beta 500W 120V.....Quantity: \_\_\_\_\_
- E-4750-SM Low Profile Beta 750W 120V.....Quantity: \_\_\_\_\_
- E-DM-PS-SM DayMaker 12V.....Quantity: \_\_\_\_\_
- E-4500-POD 500W 120V Beta Tripod.....Quantity: \_\_\_\_\_
- E-4750-POD 750W 120V Beta Tripod.....Quantity: \_\_\_\_\_

### Scene Lights (Cab or Body Surface Mount)

- 3862 3 x 7 HID.....Quantity: \_\_\_\_\_
- 4662 4 x 6 HID.....Quantity: \_\_\_\_\_
- 7862 7 x 9 HID.....Quantity: \_\_\_\_\_
- 3800 Series 3 x 7 Halogen.....Quantity: \_\_\_\_\_
- 4600 Series 4 x 6 Halogen.....Quantity: \_\_\_\_\_
- 7800 Series 7 x 9 Halogen.....Quantity: \_\_\_\_\_
- V375 Diamondback 3" x 7" LED.....Quantity: \_\_\_\_\_
- V465 Diamondback 4" x 6" LED.....Quantity: \_\_\_\_\_
- V795 Diamondback 7" x 9" LED.....Quantity: \_\_\_\_\_

### DOT & Utility Lighting

- 5170 Series Rectangular LED Red Marker Lamps.....Quantity: \_\_\_\_\_
- 5170 Series Rectangular LED Amber Marker Lamps.....Quantity: \_\_\_\_\_
- 9186 Series 4-inch Round LED Red Lights for Stop/Tail/Turn.....Quantity: \_\_\_\_\_
- 9186 Series 4-inch Round LED Clear Lights for Back-Up.....Quantity: \_\_\_\_\_
- 3884 Series Tri-Cluster Lamp Assemblies
  - Incandescent.....Quantity: \_\_\_\_\_
  - LED.....Quantity: \_\_\_\_\_
- 9186 Oblong Reflectors.....Quantity: \_\_\_\_\_
- 9186 Series License Illuminator or Control Area Light.....Quantity: \_\_\_\_\_
- 2630/2631 Series Compartment or Control Area Light
  - Incandescent.....Quantity: \_\_\_\_\_
  - LED.....Quantity: \_\_\_\_\_





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10	150	785	21	1765	4	3296	59	4803	14	OC90-0351-XX	83	1012-0000-00	97
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15	151	877	21	1828	129	3353	57	4813	11	OC90-0352-XX	83	1013-7100-30	86
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19	150	922	35	2015	28	3367	57	4815	11	OC90-1028-XX	76.83	1015-0000-00	80,86
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50	156	1131	26	2079	29	3431	37	4825	13	OD10-1530-00	91	104Y600	111
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59	127	1135	26	2101	22	3433	37	4827	13	OD30-0377-00	77.83	123B600	111
70	156	1230	18	2102	22	3436	38	4830	13	OD30-0377-00	97	123Y300	111
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91	155	1267	132	2120	134	3446	34.35	4837	13	OD30-1092-00	90.92	143B600	111
101	123	1300	19	2125	22	3450	61	4838	13	OD30-1136-00	78.83	143Y300	111
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326	152	1441	25	2156	33	3475	44	5055	33	OE13-1878-00	89	2010-0390-30	97
330	153	1442	25	2171	33	3479	44	5056	33	OE22-0327-00	76.78	2010-1170-30	97
331	153	1443	25	2225	28	3485	24	5071	30	OE22-1357-00	97	2010-1190-30	97
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