



FULL LINE CATALOG





**Nozzles**

Turbojet® Nozzles	5-8
SaberJet™ Nozzles	10-12
Assault™ Nozzles	14-17
Pistol Grips & Handles	18
Zero Torque™	18
Specialty Nozzles	19-22
Shutoffs & Playpipes With Tips	23, 25
Playpipes & Shutoffs	24
Straight Tips	26
Discharge Pipes & Stacked Tips	27
Coast Guard Nozzles	28
Navy & Military Nozzles	29
Foam Nozzles	30
Foam Tubes	31
Master Stream Nozzles	32-35

Monitors

Municipal Electric Monitors	37-43
Forestry Monitor	37
Ultra High Pressure	38
FireFox™ Monitor	39
Severe-Duty Monitor	40
Gimini Monitor	40
Ladder Pipe	40
DeckMaster™ Monitor	41
Electric Riser for DeckMaster & StreamMaster™	41
StreamMaster™ Monitors	42
StreamMaster™ XT Monitors	42
Renegade Monitors	43
Municipal Portable Monitors	44-45
Ozzie™ 911 Oscillating Monitor	44
Mercury™ Quick Attack Monitor	44
MercuryMaster 1000™	45
Municipal Portable and Truck Monitors	46-48
Apollo™ Monitor	46
Apollo Hi-Riser™ Monitor & Accessories	47
Ozzie™ Mater 922 Oscillating Monitor	48
Municipal Manual Monitor	49-51
GP Manual Monitor	49
Ladder Pipes	50
Aries™ Monitor	50
Apollo™ Single Waterway Monitors	51
StreamMaster Monitors	51

Industrial

Industrial Electric Monitors	53
Severe Duty Monitor	53
Brass StreamMaster Monitor	53
Industrial Hydraulic Monitors	54
Severe Duty Monitor	54
Gemini Monitor	54
Industrial Manual Monitors	55-57
Gemini Monitor	55
Omega™ XP Monitor	55
Omega™ XPV Monitors	55
Omega™ SD Monitor	56
Aries™ Monitor	56
Omega™ Monitor	65-57
Brass StreamMaster Monitor	57
Conquest™ Monitor	57
Storm™ Monitor	57
Industrial Accessories	58
Rover™ Monitor Cart	58
Hydrant Mount	58
Oscillating Flange	58
Industrial Monitor Systems	59-61
Conquest™ Electric remote Controlled Monitor System	59
Storm™ Electric Programmable Monitor System	59
Genesis™ Hydraulic Monitor System	60
Manual Elevated Monitor	61
Custom Industrial Systems Applications	62-63
Tank Wash Down System	62
Large Vehical and Heavy Equipment Washing	62
Crowd Control Truck WaterCannon	63
Conquest™ Force Protection Monitor	63

Turrets

Roof Turrets	65-66
Trident HFRT-10	65
Bumper Turrets	67-69

Weldon Vehicular Lighting & Electrical Control*

V-MUX™ Multiplex System*	71-82
Diamondback™ LED Warning Lights*	83-85
Warning Lighting*	86-88
Light Bars & Roof Top Lighting*	89-90
Stop, Turn & Tail Lighting*	91-97
Backup Lighting*	98-99
Interior-dome Lighting*	100-102
Marker Lighting*	103-105
Stepwell, License & Courtesy Lights*	106
Flashers, Controllers & Strobe Power*	107
Vehical Scene Lighting*	108-109

Scene Lighting

SceneStar™ LED Scene Light	111
Extenda-Lite® Light Heads	112-113
Extenda-Lite PL-Series Lights & Extenda-POD	114
Extenda-Lite Pull-Up & Locking Collar	115
Extenda-Lite Air Operated & Manual Mast	116
Extenda-Lite Lights	117
Extenda-Lite, 360° Strobe	117
Extenda-Lite, Swiveling Bases	117
Recessed & Brow Lights	117
Extenda-Lite Ordering Information	118
Extenda-Lite Lighting Options	120-121

Reels

Booster Reels	123-124
Electric Rewind Reels	125-127
Manual Cord Reels	128

Electrical Supply & Distribution

Electrical Supply	130, 133
Junction Box	131
Plugs & Connectors	132
Generators & Light Kits	134-135

Valves

Swing-Out™ Valves	137-138
Navigator™ Valve Controller	139
Electric Valve Controller	140
Electric Actuators & Flow/Pressure Meter	141
Actuators	142
Remote Controls	143
Drains, Butterfly & Relief Valves	144
Black Max™ Piston Intake Valve	145
Hydrant & Gate Valves	146
Wyes & Water Thief	147
Clappered Siamese	148
Siamese & Valve Manifold	149

Foam Equipment

Eductors	151-154
Truck Systems	154
Foam Systems Application Chart	155

Testing

Hose & Apparatus Test Equipment	156
Gauges	157
Tachometers And Flow Test Equipment	158
Flow Test Equipment	159

Hand Tools

Forcible Entry Tools	161-163
Pike Poles	164-166
Tool Brackets	167
Wildland Fire Hand Tools	168-169
Wrenches	170-171

Fittings & Accessories

Fittings & Accessories	172-173
Hose Equipment	174
Specialized Tools	157-177

Technical Data

Valve Guide	178-185
Service Kits	186
Monitor/Nozzle Compatibility Chart	187
Universal I Electric Monitor Accessories	188
Universal II Electric Monitor Accessories	189
Flow/Reach Data	190-193
Foam Systems	194
Threads & Flanges	195
Theoretical Discharge & Reaction	196-197
Metric Conversion	198
Cord Reel Dimensions & Options	199
Vehicle Work Sheets	200-209
Specifications	210-219
Style Number Index	220-221
Alphabetical Index	222-224

* 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

New Products

SceneStar™ LED Scene Light ELSS-14DC, ELSS-19DC

Page 111

- Available in 14,000 lumen or industry leading 19,000 lumen versions
- Die-cast aluminum housing & bezel; powder coated for durability
- Advanced thermal design with optimized heat sink for improved cooling



Ultra High Pressure Hand Line Nozzle

STYLE 4808

Page 19

- Operates at pressures as high as 1500 psi.
- Delivers ultra-fine water droplets at high velocity for increased heat absorption and rapid fire extinguishment
- Smooth and easy shutoff reduces personnel fatigue



Door Warning Lamp

8401-0000-02

Page 88

- Specialized optics designed to emit an amber light flashing pattern to direct traffic away from the doors when opened
- 15 LED's throw light away from the operator's eye and towards approaching traffic
- Sealed construction for excellent moisture protection



36" Tri-Bar™ TRI-30, TRI-36

Page 161

- Single piece, heat treated drop forged bar for maximum durability
- Power coated to provide maximum corrosion resistance. Now available in black, high visibility orange and silver.
- Forged in eyelets for optional carrying strap



Forestry Monitor STYLE 3462

Page 37

- Industries most versatile compact, lightweight 300 gpm (1140 lpm) electric monitor
- Waterproof, locking connectors and modular harnesses for simple plug and play installation
- Fully sealed, integrated electronic control system



Colored Nozzle Bumpers STYLE 1700, 4800, 1500

Page 18

- Akron handline nozzles now available with more options
- Choose colored bumpers on your Turbojet, Assault and SaberJet nozzles for clear line identification

Omega™ XPV STYLE 3522-SPL with 5161 Akromatic Nozzle

Page 55

- Externally sealed joints preventing environmental contamination
- Cast-in turning vanes for more efficient flow and optimal stream performance
- Integrated 3" valve with a dual seat design and stainless steel ball for long lasting performance



GP Manual Monitor STYLE 3430 shown with 487 tip

Page 49

- Flows up to 1000 gpm (3800 lpm) with continuous 360° rotation
- Compact design with cast-in turning vanes & integrated stream shaper for optimal performance
- Dual handle tiller bar for maximum control and precise positioning





Trident STYLE 3356

Page 65

- Delivers up to 2000 gpm (7600 lpm) with reach capabilities up to 320 ft. (97.5m)
- Horizontal rotation up to 355° and vertical travel from +70° & -30° for maximum coverage
- Utilizes the Universal II Monitor Control System



Universal II Monitor Control System

6032

Page 189

- "Plug and Play" connection
- Controller is compatible with both CAN and V-MUX® multiplexed networks for simplified installation
- Multiple user configurable options and interfaces available giving you total control



Aeromax® II Light Bar

9188-1500

Page 89

- Intense LED lighthead provide a wide output area and exceed NFPA requirements
- Rugged aluminum chassis and impact resistant polycarbonate lenses
- Fully serviceable allows for simplified long-term maintenance



Vista IV Display

Page 77

- Full color display with touch screen option
- Automatic screen switching in response to current conditions
- Configurable screens for a custom design



Oscillating Flange STYLE 3531

Page 58

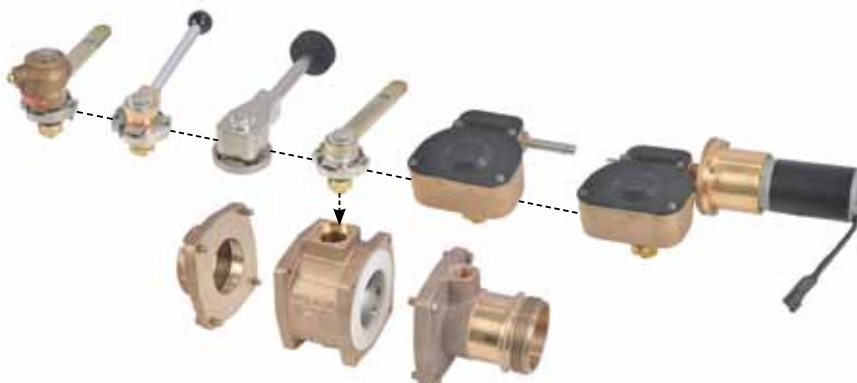
- Maintenance-free design protects against harsh environments
- Totally water powered allows operation in power outage situations
- Stainless steel & brass construction for long life performance & corrosion resistance



Electric Rewind & Manual Booster Reels ERWB & MRWB

Page 123

- Expanded offering of sizes and configurations available for total flexibility in meeting your needs
- Enclosed hub for added durability
- Improved flow performance through the reel



Generation II Swing-out™ Valve STYLE 8800

Page 137

- One body used for all handles, electric and gear actuators
- Engineered to provide low operating torques and industry leading throttling ability
- Optimized 316 Stainless steel ball for outstanding performance and corrosion resistance





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 (1/4 turn from straight stream to fog)
- Raised lug marks straight stream for limited visibility operations
- Easy to service & repair
- Meets European Standard



1 1/2" 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)

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 31

1701

1" Turbojet Nozzle

1702

1" Turbojet Nozzle with Pistol Grip

- SOLAS &  approved available (Must specify)

1703

1" Turbojet Tip with 1 1/2" inlet

- For use on Style 753 shutoff

1704

1" Turbojet Nozzle with Pistol Grip

- Specify either 18-30 GPM or 13-23-30 GPM settings

1711

1" Turbojet Tip with 1 1/2" inlet

- 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 (1.4 kg)	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 31

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

- SOLAS &  approved available (Must specify)



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 1/4 (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	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



Style 1720E



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 31

- 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) standard, **75 psi (5 bar) optional**
- Compatible with Quick-Attack Foam Tube Style 768, See page 31

- 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 31

- 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**
• SOLAS &  approved available (Must specify)
- 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 31

- 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 31

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



Style 3725





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.





Mid-Range SaberJet Nozzles (SSO)

- Compatible with Quick-Attack Foam Tube Style 768, See page 31

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" * (19, 22, 24, 25 mm)	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" * (19, 22, 24, 25 mm)	135	510

* Must Specify



Style 1533

High-Range SaberJet Nozzles (SSO)

- Compatible with Quick-Attack Foam Tube Style 768, See page 31

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" * (19, 22, 24, 25 mm)	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" * (19, 22, 24, 25 mm)	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 31

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 31

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 31

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 1/8", 1 1/4" * (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 1/8", 1 1/4" * (19, 22, 24, 25 mm)	135	510

* Must Specify

High-Range SaberJet Nozzles (DSO)

- Compatible with Quick-Attack Foam Tube Style 768, See page 31

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 1/8", 1 1/4" * (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 1/8", 1 1/4" * (19, 22, 24, 25 mm)	135	510

* Must Specify

High-Range SaberJet Nozzles (DSO)

- Compatible with Quick-Attack Foam Tube Style 768, See page 31
- 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





Assault™ Nozzles

Akron® Assault Nozzles combine quality stream performance at a variety of pressures with the simplicity of a fixed orifice. It is one of the most versatile and easy to use nozzles in today's fire service. Quality stream performance at a variety of pressures, combined with a durable and simple design 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

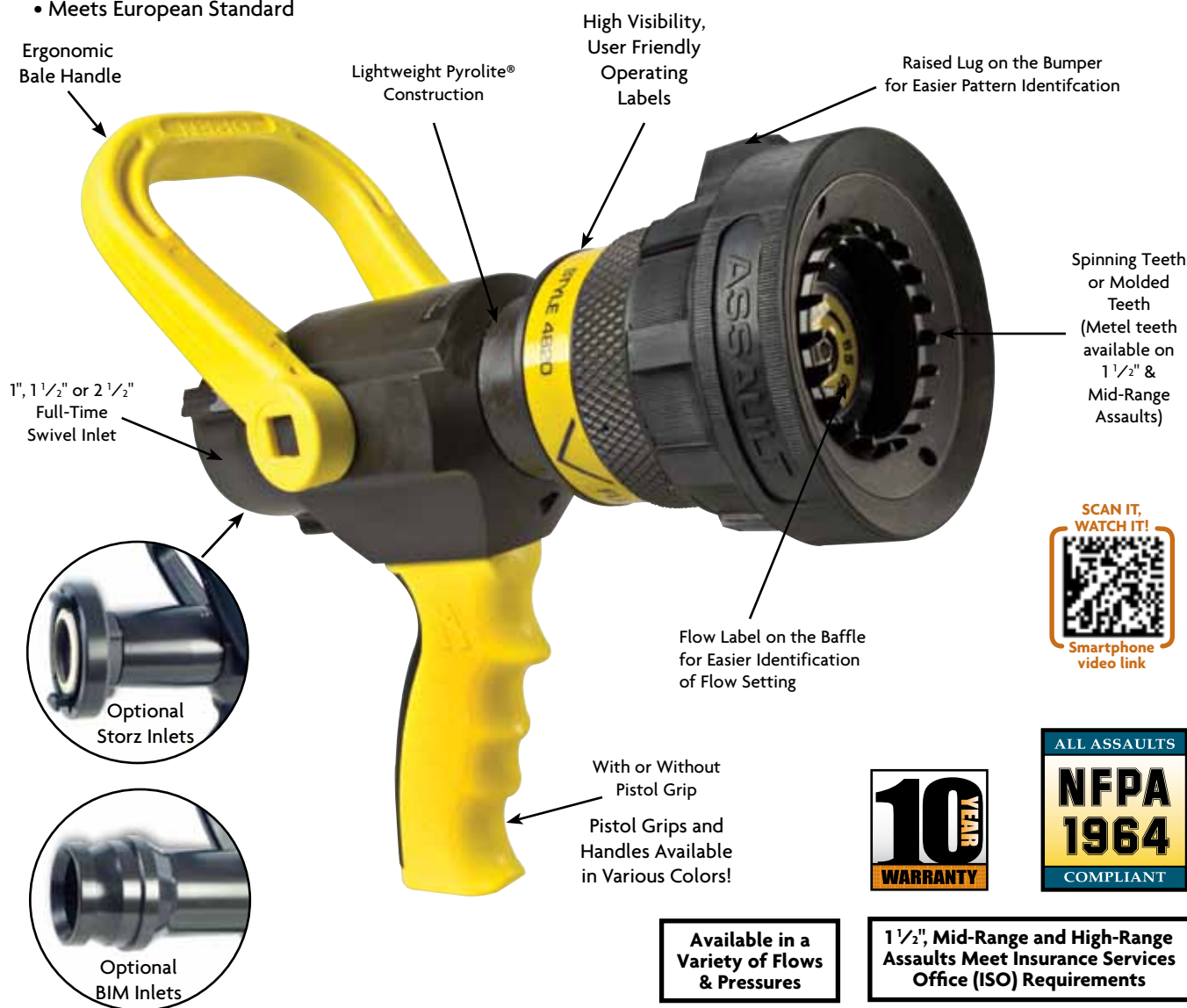
Features:

- Pattern Identification
- Enhanced flow characteristics on 2 1/2" Assaults (deeper throat design)
- Larger easy to read 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...



Available in a Variety of Flows & Pressures

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



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 31



Style 4802



- 4801 1" Assault Nozzle with Spinning Teeth**
- 4802 1" Assault Nozzle with Pistol Grip and Spinning Teeth**
- 4803 1" Assault Tip with 1 1/2" Inlet**
For use with style 753 shutoff
- 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 *
4803	1 1/2" (38 mm)	5 3/4" (146 mm)	2 (.9 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 31



Style 4820



Style 4817

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



- 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 @ 100	95 @ 75	95 @ 100	125 @ 75	125 @ 100	150 @ 50	150 @ 75	150 @ 100	175 @ 75	175 @ 100	200 @ 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 @ 7	360 @ 5	360 @ 7	475 @ 5	475 @ 7	550 @ 3	550 @ 5	550 @ 7	660 @ 5	660 @ 7	750 @ 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 1/4 (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 15 - 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)	95 or 125 only *	360 or 475 only*
4820E	1 1/2" (38 mm)	8 3/8" (213 mm)	3 3/4 (1.7 kg)	95 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 31

4862 Mid-Range Assault Nozzle

4863 Mid-Range Assault Nozzle with Pistol Grip

4864 Mid-Range Assault Breakpart Nozzle

- Combination of Style 4867 tip + Style 2129 shutoff

4865 Mid-Range Assault Breakpart 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	150 @ 100	175 @ 50	175 @ 75	175 @ 100	200 @ 50	200 @ 75	200 @ 100	225 @ 100
	Actual GPM									
50	150	122	106	175	143	124	200	163	141	159
75	184	150	130	214	175	152	245	200	173	195
100	212	173	150	247	202	175	283	231	200	225

Pressure & Flow For Mid-Range Assault Nozzles

NOZZLE BAR	550 @ 3	550 @ 5	550 @ 7	660 @ 3	660 @ 5	660 @ 7	750 @ 3	750 @ 5	750 @ 7	850 @ 7
	Actual LPM									
3	550	462	401	660	541	469	750	617	534	602
5	696	550	492	810	660	575	927	750	655	738
7	802	738	550	435	765	660	1071	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**
- 4722 1 1/2" High-Range Assault Nozzle Less 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**
- 4724 1 1/2" High-Range Assault Tip Less 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**
- 4726 2 1/2" High-Range Assault Nozzle with Pistol Grip Less 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 Breakapart Nozzle with Pistol Grip**
• Combination of Style 4827 tip + Style 2127 shutoff
- 4835 1 1/2" High-Range Assault Breakapart Nozzle**
• Combination Style 4827 tip + Style 2129 shutoff
- 4836 2 1/2" High-Range Assault Breakapart 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 Breakapart Nozzle**
• Combination of Style 4827 tip + Style 2125 shutoff

Style	Swivel Inlet	Length	Weight lbs. (kg)
4722	1 1/2" (38 mm)	12 11/64" (309 mm)	6 1/2 (7.5 kg)
4724	1 1/2" (38 mm)	9 3/32" (231 mm)	5 1/8 (3.2 kg)
4726	2 1/2" (65 mm)	12 11/64" (309 mm)	7 1/8 (3.2 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 1/4" (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

Pistol Grips & Handles

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

- | | |
|--------------------|----------|
| • Black (Standard) | • Yellow |
| • Blue | • White |
| • Orange | • Gray |
| • Green | • Purple |
| • Red | |



Metal Bale Option - Must Specify

- Stylish design that allows hose to pass through for compact hose lays

Colored Bumpers

available - Must Specify

- Black (Standard)
- Orange
- Green
- Red
- Yellow
- Gray



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.

Zero Torque™

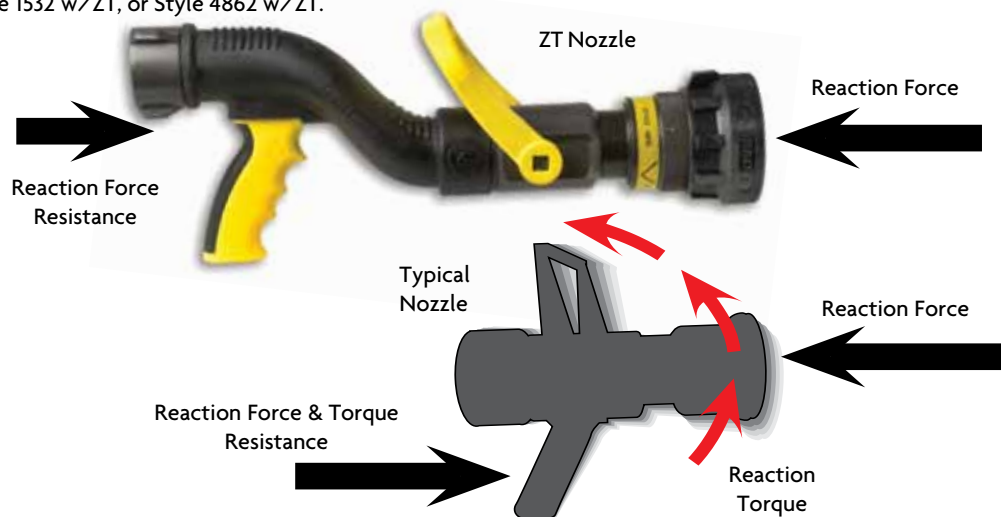
The Zero Torque (ZT) nozzle is the first nozzle specifically designed with ergonomics, handling, control and reduced firefighter fatigue in mind. The ZT naturally keeps the nozzle out in front of the firefighter to allow for easier operation and provide better control. In addition the pistol grip and 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.





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

Ultra High Pressure Trigger Shutoff & Assault Tip

This shutoff and tip combination provides a compact, lightweight, easy-to-use nozzle for ultra high pressure applications. The ergonomically designed shutoff automatically shuts off flow when released. Designed for high pressure applications up to 1500 psi (103 bar).



Style 754
with Style 4807

- 754 Ultra High Pressure Trigger Shutoff & Assault Tip**
- 4807**
- High quality, harder hitting, straight stream performance
 - Flush without shutting down
 - Pyrolite® finish
 - Maximum Pressure: 1500 psi
 - Flow Range: 30 – 40 GPM

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
754	1" (25 mm)	7 3/4" (197 mm)	4 (1.8 kg)	13-30	50-115
4807	1.5" (38mm)	5 3/4"	2 (.9kg)	13-30	50-115

Ultra High Pressure Handline Nozzle

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



Style 4808

- 4808 Ultra High Pressure Handline Nozzle**
- Swivel: 1" NH Inlet
 - Length: 7.5"
 - Weight: 3.2 lbs
 - Maximum Pressure: 1500 psi (Must specify)
 - Flow Range: 15 – 30 GPM (Must specify)

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Range	
				GPM	LPM
4808	1" (25 mm)	7 5/8" (194 mm)	3.2 (1.45 kg)	15-30*	75-115

* Must Specify

Brass Fog Nozzles

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

- Molded teeth
- 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 31



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) 3/8" 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
- Overall length: 36.5"
- 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 is designed to get water or foam into hidden trouble spots. The driving button and point are made of hardened tool steel with impinging jets for a dense fog pattern. Plus it's compatible with Class A and B foams.

1088 Piercing Applicator

- Specify 3' or 6' length

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

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

* Must specify inlet



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



Specialty Nozzles

1" Self-Educting Forestry Gel 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
 - Bale 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

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		Base	Threads		Play Pipe	Combination		Shutoff Waterway Size
				Standard	Optional		Top Shutoff	Top Tip		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 mm)	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)

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		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*

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 Wytes, 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.



Shutoffs & Shutoffs 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 (.74 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

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

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



Style 2127
Shutoff with Pistol Grip & Handle



Style 2115

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

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**
- 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 1410



Style 1417



Style 1430



Style 1499



Style 2489



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", 5/8", 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)	2" NH Underwriters (50 mm)	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

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

*** 250 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 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	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



Style 3020

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	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



Style 2079
Including Style 2073
Fog Tip and Chain

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

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



Style 3626
With Manual Dispersion Jaws

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 Automatic Master Stream Foam Nozzle

- Electric Actuated infinitely adjustable Dispersion Jaws
- For use with FFFP
- 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" or 3 1/2" (64 mm or 89 mm)	28" (711 mm)	14 1/4 (6.5 kg)	750/375 at 145 psi	2800/1420 at 10 bar
3624**	3 1/2" (89 mm)	54" (1372 mm)	29 (13 kg)	1600/800 @ (190 psi) @ (120 psi)	6000/3000 @ (13 bar) @ (8 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



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 & High Range Turbojets	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	
770	High Range (65 mm) Turbojet	1993-Current	4 1/2" (114 mm)
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	

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

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
- Provides smooth bore reach and penetration OR fog stream cooling and protection, without having to shut down the water flow to switch tips.
- No issues with tip storage or missing tips because changing from a solid bore to adjustable fog pattern is built-in
- SaberMaster 1250 designed for use with Style 3440 DeckMaster or Style 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					
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)
1577	Pyrolite®	Electric	1250*	4800*	1000*	3800*	2" or 1 15/16" (51 or 49 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)

* 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					
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)
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)
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, 5161, 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					
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)
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)
5161	Brass	Manual	250-1250	950-4800	-	-	2 1/2" or 3 1/2" (65 or 89 mm)	None	-	9 1/2" (241 mm)	26.8 (12.2 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 5075



Style 5160



Style 5161
Shown with
optional paint



Style 5177



Turbomaster™

A family of adjustable gallonage master stream nozzles. Each nozzle comes equipped with four distinct, calibrated, and selectable flow settings.

- Pattern detents for positive stream positioning

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	Material	Pattern Control	Flow at 100 PSI (7 bar)		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
4450	Brass	Manual	500 (300 & 700)*	1900 (1140 & 2650)*	2 1/2" (65 mm)	Fixed	7" (17.8 cm)	14 1/2 (6.6 kg)
4452	Pyrolite	Manual	500 (300 & 700)*	1900 (1140 & 2650)*	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 a twist shutoff.



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)*	2800 (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)*	2800 (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				
5147	Pyrolite	Manual	300-500-800-1000	1140-1900-3030-3800	2 1/2" (65 mm)	-	7 5/16" (185 mm)	3.8 (1.7 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 5147

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)

Style	Material	Pattern Control	Flow at 75 PSI (5 bar)		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
5147	Pyrolite	Manual	300, 500, 800, 1000	1140-1900-3030-3800	2 1/2" (65 mm)	-	7 5/16" (185 mm)	3.8 (1.7 kg)
5150	Pyrolite	Manual	250-1000	950-3800	2 1/2" (65 mm)	-	9 13/32" (239 mm)	9.61 (4.4 kg)



Style 4447



Style 5147
Adjustable Flow
Nozzle



Style 5150
Automatic
Nozzle

Akrofoam™

The Akronfoam 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 Akronfoam

- 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 Akronfoam

- 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 Akronfoam 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 (1300, 2800 & 3800)	2 1/2" (65 mm)	9 1/4" (235 mm)	12 (5.4 kg)
4470***	Brass	Manual	500 (350, 750 & 1000)*	1900 (1300, 2800 & 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, 2800 & 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



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 31
- 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



Style 3293

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)

Black Widow®

- Single fixed flows

Style	Material	Pattern Control	Flow		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
2151	Brass	Manual	300-1250*	1140-4700*	2 1/2" (65 mm)	Spinning	8 1/2" (216 mm)	25 (11.3 kg)
2152	Pyrolite	Manual	300-1250*	1140-4700*	2 1/2" (65 mm)	Spinning	8 1/2" (216 mm)	9 (4.1 kg)
2155	Pyrolite	Hydraulic	300-1250*	1140-4700*	2 1/2" (65 mm)	Spinning	8 1/2" (216 mm)	9 (4.1 kg)
2156	Brass	Hydraulic	300-1250*	1140-4700*	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 2156

Style 2151

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

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





Forestry Monitor 300 gpm (1140 lpm)



The 3462 Forestry Monitor is the latest addition to the Akron Brass electric monitor family. The 3462 provides an extremely rugged durable design ideal for brush and wildland firefighting. This compact monitor features a fully sealed integrated electrical control system with waterproof locking connectors for all motors, power and control connections to withstand harsh environments. The high speed motors provide proportional speed control for pinpoint stream positioning and accuracy. With a wide range of available nozzles, the 3462 is ideal for use in water, foam and CAFS applications.

Standard Features:

- CAN proportional speed joystick control
- Lightweight Pyrolite® construction, 23 lbs. without nozzle
- Integrated and sealed electronics
- Waterproof (IP 67 rated) locking connectors
- Simple “plug and play” installation
- 320° maximum rotation range with stops at +/- 90°
- 135° maximum elevation range with stops at +45° and -20°
- 12V or 24V option

Nozzle Options:

- Style 3293 low flow adjustable electric fog nozzle with flush 30-60-95-125 gpm (115-230-360-475 lpm)
- Style 3293 mid flow adjustable electric fog nozzle 125-175-250-300 gpm (475-660-950-1140 lpm)
- Style 3293 fixed orifice fog nozzles (must specify flow and pressure)
- Quick Attack™ foam tube attachments for Style 3293 fog nozzles
- Smooth bore tips

Additional Options:

- 2" quick disconnect
- Wireless remote control (CAN interface)
- 2" electric valve
- Flat disperse fog pattern available on all Style 3293 nozzles

SCAN IT,
WATCH IT!



Smartphone
video link



Style 3462

Shown with 3293
125-300 gpm Nozzle

Style 6035
CAN Joystick



“Plug and play” connectors



2" Quick-Disconnect,
Ideal for Cab
Forward Trucks

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3462	23** (10.4 kg)	13 3/16"* (335 mm)	11 9/16" (294 mm)	8 29/32" (226 mm)	2" NPT (50 mm)	1 1/2" (38 mm)	300	1140

* Base to center of outlet

** Not including nozzle





Ultra High Pressure 300 GPM (1140 LPM)



Akron Brass continues to lead in the forefront of firefighting technology with the introduction of the Ultra High Pressure line of products. This new line of product is designed to operate at pressures up to 1500 psi and deliver ultra-fine water droplets at high velocity for increased heat absorption and rapid fire extinguishment. This technology enhances your firefighting capabilities by rapidly reducing the temperatures within an enclosed area, increases your positive pressure ventilation capacity, and dramatically reduces personnel fatigue while using two-thirds less water.

3450 Ultra High Pressure Bumper Monitor

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

- Durable stainless steel & brass construction
- Flows up to 300 GPM at pressures up to 1500 psi
- Vertical Travel: +70° & -30°
- Horizontal Travel: 180°
- 12V & 24V
- Position Feedback (Rotation only)
- Uses Universal II Monitor Control System



Nozzle Options:



Style 1550 Saber
Master™ Nozzle
300 gpm @ 1000 psi



Style 3292 Ultra High
Pressure Nozzle
60 gpm @ 1100 psi



Style 1417 Plain Tip w/ Style 3485
1 1/2" Mini Shaper

Style	Weight lbs. (kg)	Height	Width	Inlet	Depth	Outlet	Flow	
							GPM	LPM
3450	61** (28 kg)	11 9/32"*** (287 mm)	14 5/8"*** (372 mm)	2" NPT (50 mm)	13 5/32"*** (335 mm)	1 1/2" (38 mm)	300	1140

* From bottom of elevation motor to top of elevation gearbox

** Not including nozzle



FireFox Multi-Purpose Monitor 500 GPM (1900 LPM)

The FireFox 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, mini pumpers, 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°

Monitor Options: (Must specify)

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

Nozzle Options:

- See page 187 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 31)
- Smooth bore tip with mini shaper

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

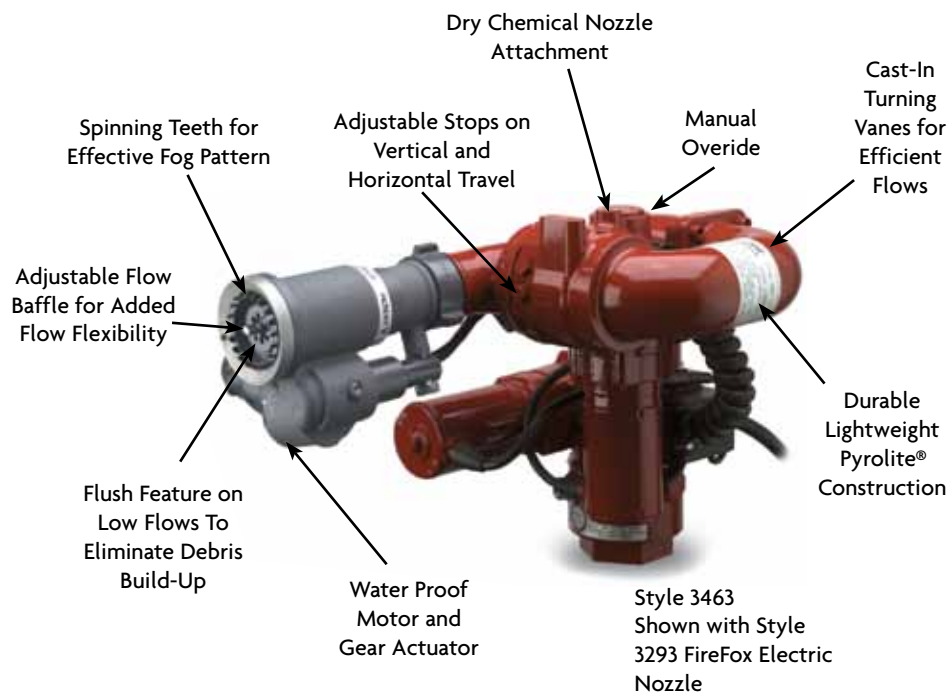


Adjustable Flows Available
See page 35 for nozzle specs

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



FireFox available with position feedback for Position Indicator option



Wireless Remote Control Available

See Page 188 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) 1 1/2" or 3" FL (38 or 75 mm)	1 1/2" or 2 1/2" NH (38 or 65 mm)	500	1900

* Less nozzle

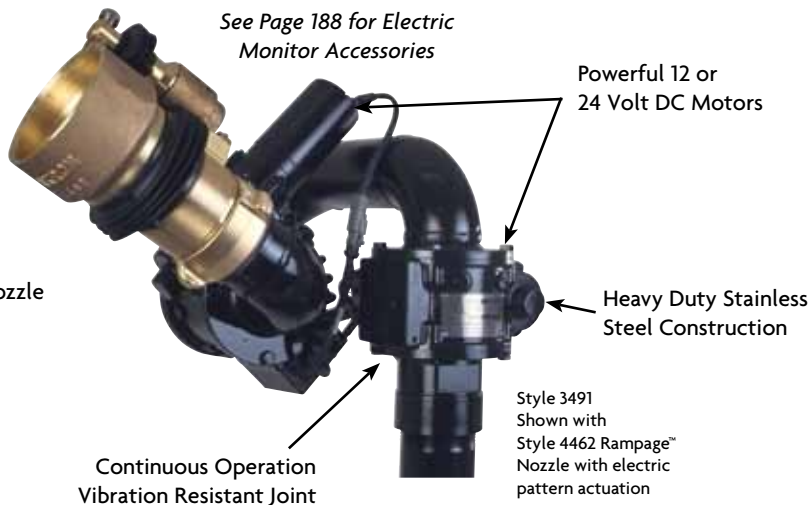
Severe-Duty Monitor 750 GPM (2900 LPM)

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.

- 3491 Severe-Duty Electric Monitor**
- 12 or 24 volt motor
 - Stainless Construction
 - 320° Rotation
 - 155° Elevation (+90°, -65°)
 - Fast travel, 20°/ sec
 - Pressures up to 200 psi
 - 2 1/2" Waterway (65 mm)
 - Reaches 200' at 750 gpm
 - See page 187 for Monitor/Fog Nozzle Compatibility Chart

Control Options:

- Joystick Control
- Toggle Switch Control



Style	Weight lbs. (kg)	Height	Width	Depth	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

* Less nozzle

Gemini Monitor 1000 GPM (3800 LPM)

The Gemini Monitor is of Pyrolite® construction with a compact split waterway designed with cast-in turning vanes. Providing high performance and exceptional durability.

- 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 187 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3479	46* (20.8 kg)	20" (508 mm)	13 1/4" (336 mm)	10 3/16" (259 mm)	3" - 4" (75-100 mm) NPT or FL	2 1/2" (65 mm)	1000	3800

* Less nozzle



Ladder Pipes 1000 GPM (3800 LPM)

The Akron® Electric Ladder Pipe offers a lightweight, compact design for unpiped ladder trucks.

- 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

Options - Must Specify:

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

See page 188 for Electric Monitor Accessories



Wireless Remote Control Available



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
1494	30 (13.6 kg)*	36 7/8" (937 mm)	10 31/32" (279 mm)	13 1/32" (331 mm)	2 1/2" or 3" NH (65 or 75 mm)	2 1/2" (65 mm)	1000	3800

* Less Nozzle



DeckMaster Monitor 1250 GPM (4800 LPM)

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
- Optional position feedback - Must specify
- See page 187 for Monitor/Fog Nozzle Compatibility Chart



Style 3440 Shown in a typical stowed position



Style 3440 Shown deployed with Style 1577 SaberMaster™ Nozzle



See page 188 for Electric Monitor Accessories

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

* Less Nozzle



Wireless Remote Control Available



Combine with the Style 1577 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 and position indicator option



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 (305 mm) 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 18 1/2" (470 mm) 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" (75 mm) victaulic or NPT (Must specify)
- Outlet options 3" (75 mm) or 4" (100 mm) flange (Must specify)



Electric Riser for DeckMaster

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

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3406	38 (173 kg)	18 1/2" (470 mm)	11 1/16" (297 mm)	12" (305 mm)	3" (75 mm) NPT or VIC	3" or 4" FL (75 mm or 100 mm)	1250* 1500**	4800

* For 3440 **For 3578



StreamMaster Monitor 2000 GPM (7600 LPM)

The StreamMaster Monitor has 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

- One touch stow option - 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 187 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3578	45 (20.5 kg)	16 1/4" (412 mm)	12 1/4" (311 mm)	15 11/32" (390 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600

See Page 188 for Electric Monitor Accessories



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



Wireless Remote
Control Available



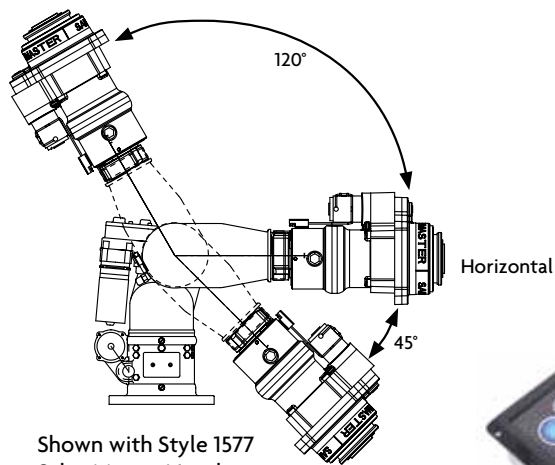
StreamMaster
available with position
feedback for Position
Indicator option

StreamMaster™ XT 2000 GPM (7600 LPM)

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
- One touch stow option - 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 187 for Monitor/Fog Nozzle Compatibility Chart



Shown with Style 1577
SaberMaster Nozzle



Style 3598
Shown with Style 5178
Akromatic Nozzle



Wireless Remote
Control Available

StreamMaster available with position feedback for Position Indicator option

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3598	45 (20.4 kg)	16 5/8" (422 mm)	14 1/4" (362 mm)	16 3/8" (416 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600

See Page 188 for Electric Monitor Accessories

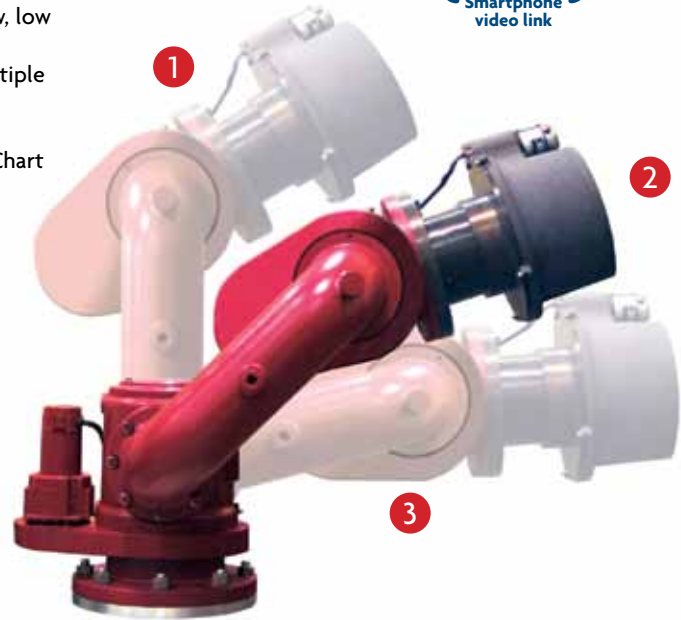
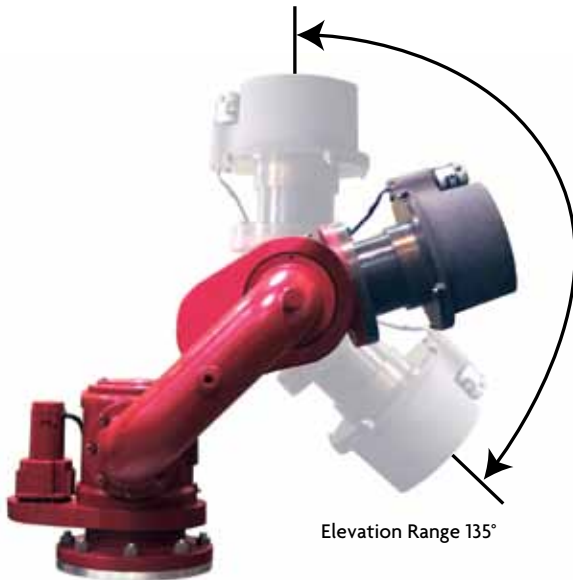


Renegade Electric Monitor 5000 GPM (19000 LPM)

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 27 psi 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
- Position Indicator - Optional, Must specify
- See page 187 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)



See Page 188 for Electric Monitor Accessories



Wireless Remote Control Available

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

* Less nozzle

Renegade Cube Dimensions			
Middle Elbow Angle	22.5°	45°	90°
Dimensions (LxWxH)*	33 3/16"x28"x22" (843x711x559 mm)	29 5/16"x28"x28" (245x711x711 mm)	16 11/16"x28"x33" (424x711x838 mm)
Dimensions (LxWxH) w/ nozzle*	49 11/16"x28"x22" (1262x711x559 mm)	42 13/16"x28"x28" (1088x711x711 mm)	30"x28"x33" (767x711x838 mm)

* 6" flange outlet



Municipal Portable Monitors

Ozzie™ 911 Oscillating Monitor 350 GPM (1325 LPM)

The Akron® Ozzie 911 Oscillating Monitor has a powerful sweeping water stream 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. The Ozzie Oscillating Monitor operates by itself to provide greater flexibility by protecting exposures while personnel work elsewhere. The Ozzie 911 Oscillating Monitor is suited for haz-mat situations, protecting exposures, and attacking fires.

- Adjustable sweeping range
- Vertical travel from 35° to 90° above horizontal
- On/Off knob can stop oscillation at any point
- Built-in pressure gauge
- See page 187 for Monitor/Fog Nozzle Compatibility Chart

- 911 Ozzie Oscillating Monitor**
- Sweeping range 30° either side of center

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
911	29* (13 kg)	13 1/8" (340 mm)	23 1/4" (603 mm)	19 1/4" (490 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	350	1325

* Less nozzle



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

Mercury Quick Attack Monitor 500 GPM (1900 LPM)

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

- 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
4445, 4447
Compatible with
3621 Foam Tube

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3443	14 † (6.4 kg)	9 5/8" (245 mm)	23 1/8" (588 mm)* 7 13/16" (199 mm)**	14 9/16" (370 mm)*	2 1/2" F (65 mm) 2 1/2" or 3" Storz (65 or 75 mm)	2 1/2" (65 mm)	500	1900

*Deployed Legs

** Folded Legs

† Less Nozzle



MercuryMaster 1000™ 1000 GPM (3800 LPM)

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

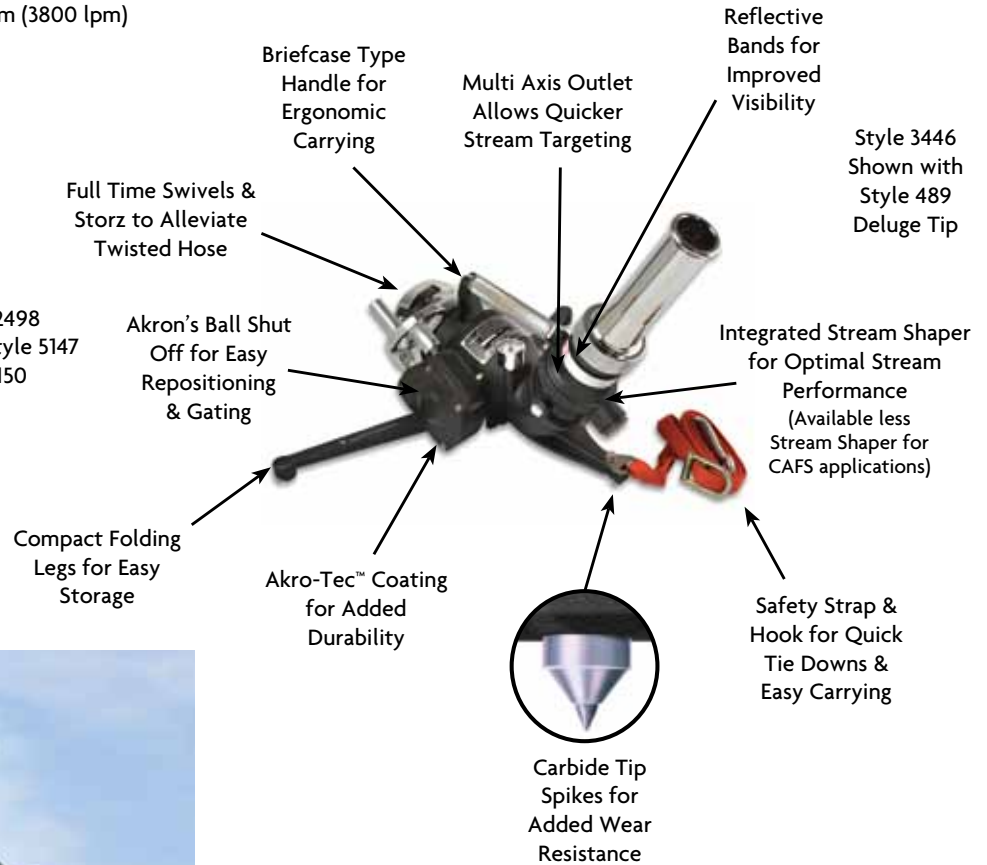
3446 MercuryMaster 1000™

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

- Rated flow up to 1000 gpm (3800 lpm)
- Compact size & weight
- Rotation $\pm 20^\circ$
- 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 2498



Style 5147
Adjustable Flow
Nozzle



Style 5150
Automatic
Nozzle



Storage Bracket

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3446 Single	24 (10.8 kg)	11 1/16" (281 mm)	25"* (635 mm) 10 1/8"*** (257 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)	11 1/16" (281 mm)	25"* (635 mm) 12 1/2"*** (318 mm)	21 5/16" (541 mm) 22 7/16" (570 mm) BIM 21 13/16" (554 mm) STORZ	2 1/2 or 3" F (65 or 75 mm)	2 1/2" (65 mm)	1000	3800

*Deployed Legs

** Folded Legs



Municipal Portable and Truck Monitors

Apollo Monitor 1250 GPM (4800 LPM)

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 90° 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 187 for Monitor/Fog Nozzle Compatibility Chart



Style 3416
Shown with Style 5160 Akromatic®
Master Stream Nozzle



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

- 3414 Apollo Single Inlet Portable Monitor**
• Includes a ground base and liftoff



- 3421 Apollo Dual Inlet Portable Monitor**
• Includes a ground base and liftoff



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



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



NOTE: Available in deck only configurations - Must specify

Style	Weight lbs. (kg)		Deck Height	Deck Width	Deck Depth	Inlet	Outlet	Ground Flow		Deck Flow	
	Liftoff	Gd Base						GPM	LPM	GPM	LPM
3414/ 3416	23 (10.4 kg)*	38 1/2 (17.5 kg)*	** 12 1/16" (305 mm)	13" (331 mm)	23 1/2" (597 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
3421/ 3423	23 (10.4 kg)*	32 (14.5 kg)*	** 12 1/16" (305 mm)	13" (331 mm)	23 1/2" (597 mm)	2 1/2" or 3" F (65 or 75 mm)	2 1/2" Male (65 mm)	800	3030	1250	4800

* Less nozzle ** Measured from flange base to the top of the liftoff (Excludes nozzle or tips), Elevation Elbow extends 1" (25 mm) below flange base



Apollo Hi-Riser™ Monitors 1250 GPM (4800 LPM)

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: Available in deck only configurations - Must specify

Style	Weight lbs. (kg)		Deck Height	Width **	Depth**	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)	14 9/16" (370 mm)	18 5/8" (473 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)	14 9/16" (370 mm)	18 5/8" (473 mm)	2 1/2" or 3" F (65 or 75 mm)	2 1/2" Male (65 mm)	800	3030	1250	4800

* Less nozzle

** Stowed position, measured from base of flange to top of lift off, elevation elbow extends 2" (50 mm) below flange base



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

Patented

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. (Note: Not for use with Apollo Hi-Riser)

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



Ozzie™ Master 922 Oscillating Monitor 1250 GPM (4800 LPM)

The Akron® Ozzie Master 922 Oscillating Monitor has a powerful sweeping water stream 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. The Ozzie Master Oscillating Monitor operates by itself 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.

922 OzzieMaster™ Oscillating Monitor

An Ozzie Liftoff designed for use with an Apollo™ Single or Dual Inlet Ground Base (pages 36)

- Sweeping range 25° either side of center
- Adjustable sweeping range
- Vertical travel from 45° to 90° above horizontal
- On/Off knob can stop oscillation at any point
- Built-in pressure gauge
- See page 187 for Monitor/Fog Nozzle Compatibility Chart



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

Style	Weight lbs. (kg)	Height	Length	Width	Inlet	Outlet	Ground Flow		Deck Flow	
							GPM	LPM	GPM	LPM
922	27 1/2* (12.5 kg)	13"** (330 mm)	21" (533 mm)	17 3/4" (450 mm)	See Apollo Inlet Options	2 1/2" (65 mm)	1000 Single Inlet 750 Dual Inlet	3800 Single Inlet 2900 Dual Inlet	1250	4800

* Less ground bases and nozzle

** Liftoff only, does not include direct mount flange or adapter

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

Municipal Manual Monitors



GP Manual Monitor 1000 GPM (3800 LPM)



The GP Manual Monitor is one of the most cost effective, highest performing firefighting monitors found worldwide. This monitors rugged, lightweight design was engineered using some of the world's most advanced computer aided design and testing technology, resulting in performance seen by no other 1000 gpm (3800 lpm) monitor today. Once you grab the dual handled controls, you will know you are using the most highly maneuverable, easiest operating, most versatile fire service monitor in the world. No other monitor in its class even comes close!

3430 GP Manual Monitor

- Rated flow up to 1000 gpm (3800 lpm)
- Rotation Continuous 360°
- Elevation +90° to -45°
- Cast-in turning vanes & integrated removable stream shaper for maximum reach and stream performance
- Built in pressure gauge
- "T" handle manual control provides precise, easy positioning and control
- Compact, efficient design requires minimum mounting space



Style 3430
with 487 GP
Smooth Bore Tip

Nozzle Options:

- Style 487 GP Smooth Bore Tip 1 1/4", 1 3/8", 1 1/2"
- Style 489 Smooth Bore Tip 1 3/4", 2"
- Style 4445 & Style 4447 Nozzles
- Style 5147 Adjustable Flow
- Style 5150 Automatic
- Style 1545 SaberMaster
- 2420 Triple Stacked Tips

Foam Nozzle Options

- Style 4445 & Style 4447 Fog Nozzle with 3621 Foam Tubes
- Style 4475 Akrofoam
- Style 3625 Foam Tube
- Style 3626 Foam tube with Dispersion Jaws



Style	Weight Lbs.	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3430	15.4 lbs (7 kg)	13 1/4" (337mm)*	11" (279mm)	9 11/16" (250 mm)	3" (75 mm) or DN80 FL	2 1/5" NH (65 mm)	1000	3800

* Less Tiller Bar

Gemini Monitor 1000 GPM (3800 LPM)

The Gemini Monitor is of Pyrolite® construction with a compact split waterway designed with cast-in turning vanes providing performance and exceptional durability.

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 187 for Monitor/Fog Nozzle Compatibility Chart



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

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3470	25 (11.3 kg)	20" (508 mm)	12 1/4" (312 mm)	14 5/16" (364 mm)	3" - 4" (75-100 mm) NPT or FL	2 1/2" (65 mm)	1000	3800



Ladder Pipes 750/1000 GPM (3000/3800 LPM)

The Akron® Ladder Pipe offers a lightweight, compact design for unpiped ladder trucks.

Style 1495
Shown with
Style 489 Tip and
Discharge Pipe

1495 Ladder Pipe 1000 GPM (3800 LPM)

- 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. $\frac{3}{8}$ " No. 1 Grade pure manila rope
- Includes three Style 489 Tips ($1\frac{1}{8}$ ", $1\frac{3}{4}$ ", 2") with Style 350 Mounting Plates
- Adjustable mounting clamps for round rung ladders, square clamps available - Must Specify

1496 Classic Ladder Pipe 750 GPM (3000 LPM)

Style	Weight lbs. (kg)	Length	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
1495	27 (12.3 kg)	39 $\frac{7}{8}$ " * (1013 mm)	14 $\frac{1}{8}$ " * (359 mm)	9 $\frac{1}{8}$ " * (232 mm)	2 $\frac{1}{2}$ " or 3" (65 or 75 mm)	2 $\frac{1}{2}$ " (65 mm)	1000	3800
1496	23.5 (10.7 kg)	38" (965 mm)	17" (432 mm)	11 $\frac{1}{2}$ " (292 mm)	2 $\frac{1}{2}$ " or 3" (65 or 75 mm)	2 $\frac{1}{2}$ " (65 mm)	750	3000

* Less Nozzle



Aries™ Monitor 1250 GPM (4800 LPM)

3425 Aries Monitor

- Pyrolite® finish
- Cast-in turning vanes for efficient flow
- Full 3" waterway
- Handwheel controlled vertical travel for improved positioning control, 90° above to 15° below horizontal
- Grease fittings for easy maintenance
- A friction lock on the horizontal travel
- See page 187 for Monitor/Fog Nozzle Compatibility Chart



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

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3425	24 $\frac{3}{4}$ " (11.2 kg)	17" (431 mm)	12 $\frac{3}{4}$ " (324 mm)	26 $\frac{7}{8}$ " (683 mm)	2 $\frac{1}{2}$ " - 3" (65-75 mm) NPT or FL	2 $\frac{1}{2}$ " (65 mm)	1250	4800



Apollo™ Single Waterway Monitors 1250 GPM (4800 LPM) 3", 2000 GPM (7600 LPM) 4"

- 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 187 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 3426
Shown with Discharge Pipe
Style 3488 & Tip Style 489



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3426	21 (9.5 kg)	17" (431 mm)*	12 3/8" - 15 1/8" (315 - 385 mm)	32 3/4" (832 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)	42 3/16" (1072 mm)	4" FL (100 mm)	3 1/2" NPSH (89 mm) 4" NH (100 mm)	2000	7600

* Not including tiller bar

StreamMaster Monitors 2000 GPM (7600 LPM)

The StreamMaster Monitor has 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).

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 187 for Monitor/Fog Nozzle Compatibility Chart

Style 3570
Shown with Style 5170
Akromatic 2000 Master
Stream Nozzle



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3570	33 (15 kg)	16 5/8" (422 mm)	14 13/16" (376 mm)	20 5/8" (524 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600





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

Severe-Duty Monitor 750 GPM (2900 LPM)

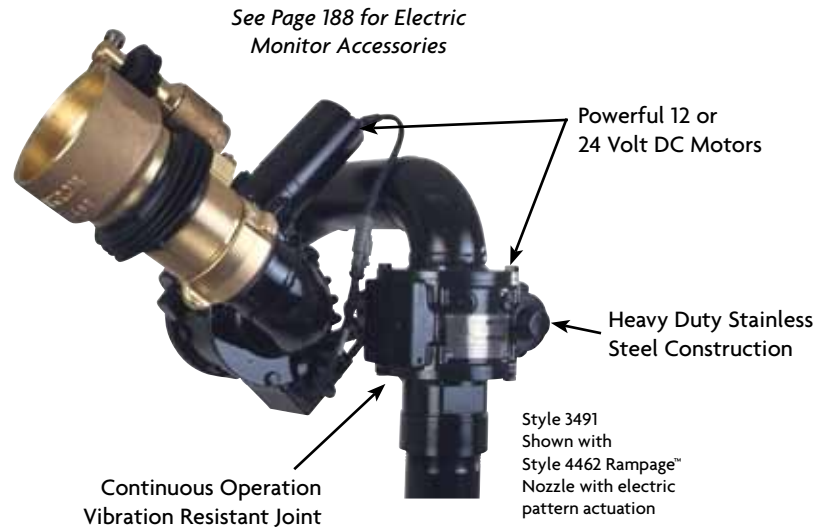
The Severe-Duty, multi-purpose monitor is designed to withstand continuous operation while mounted on heavy-duty equipment like off-road fire, construction, mining, or landfill vehicles. Dusty, dirty, outdoor, and continuous vibration applications are what this Akron Brass severe-duty monitor is designed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

3491 Severe-Duty Electric Monitor

- 12/24 volt motor
- Stainless construction
- 320° rotation
- 155° elevation (+90°, -65°)
- Fast travel, 20°/sec
- Pressures up to 200 psi
- 2 1/2" waterway (65 mm)
- Reaches 200' at 750 gpm
- See page 187 for Monitor/Fog Nozzle Compatibility Chart

Control Options:

- Joystick Control
- Toggle Switch Control
- Custome Control Panel



Style	Weight lbs. (kg)	Height	Width	Depth	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

* Less nozzle

Brass StreamMaster Monitor 1000 GPM (3800 LPM)

The Brass StreamMaster uses a uniquely designed, low profile 4" waterway to provide an extremely efficient 1000 GPM flow.

3572 Brass StreamMaster Electric Monitor

A compact, heavy-duty, brass, 1000 GPM (3800 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 187 for Monitor/Fog Nozzle Compatibility Chart



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

See Page 188 for Electric Monitor Accessories

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3572	115 (52.3 kg)*	16 5/8" (422 mm)	14 1/4" (362 mm)	15 11/32" (390 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	1000	3800

* Less Nozzle



Industrial Hydraulic Monitors

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

Severe-Duty Monitor 750 GPM (2900 LPM)

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.

3492 Severe-Duty Hydraulic Monitor

- Hydraulic motor flow $\frac{1}{2}$ gpm @ 500 psi
- Stainless construction
- 320° rotation
- 155° elevation (+90°, -65°)
- Fast travel, 20°/sec
- Pressures up to 200 psi
- 2 $\frac{1}{2}$ " waterway (65 mm)
- Reaches 200' at 750 gpm
- See page 187 for Monitor/Fog Nozzle Compatibility Chart



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3492	59 (26.7 kg)	10" (254 mm)	10 $\frac{1}{2}$ " (267 mm)	11 $\frac{1}{2}$ " (292 mm)	2 $\frac{1}{2}$ " NPT (65 mm) 3" FL (75 mm)	2 $\frac{1}{2}$ " NH (65 mm)	750	2900

Gemini Monitor 1000 GPM (3800 LPM)

The Gemini Hydraulic Monitor is of Pyrolite® or brass construction with a compact split waterway designed with cast-in turning vanes. The Gemini Monitor provides high performance and exceptional durability.

- 135° vertical travel: 45° below to 90° above horizontal
- 360° continuous horizontal rotation due to innovative rotation joint design
- Optional manual override
- See page 187 for Monitor/Fog Nozzle Compatibility Chart

3475 Hydraulic Gemini Monitor

3476 Brass Hydraulic Gemini Monitor

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3475	32 (14.5 kg)	20" (508 mm)	10 $\frac{1}{4}$ " (260 mm)	15 $\frac{1}{8}$ " (385 mm)	3" - 4" (75-100 mm) NPT or FL	2 $\frac{1}{2}$ " (65 mm)	1000	3800
3476	82 (37.3 kg)	20" (508 mm)	10 $\frac{1}{4}$ " (260 mm)	15 $\frac{1}{8}$ " (385 mm)	3" - 4" (75-100 mm) NPT or FL	2 $\frac{1}{2}$ " (65 mm)	1000	3800





Gemini™ Monitor 1000 GPM (3800 LPM)

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 187 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3471	75 (34 kg)	20" (508 mm)	13 1/4" (335 mm)	12 3/8" (315 mm)	3" - 4" (75-100 mm) NPT or FL	2 1/2" (65 mm)	1000	3800

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



Omega™ XP Monitor 1250 GPM (4800 LPM)

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 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 187 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3528	55* (24.9 kg)	14"*** (356 mm)	9 3/4" (248 mm)	9 3/4" (248 mm)	3" or 4" FL (75 or 100 mm)	2.5" NH (65 mm)	1250	4800

* Less nozzle ** Less handle



Style 3528
Shown with
Style 2151 Nozzle

Omega™ XPV Monitors 1250 GPM (4800 LPM)

The Omega XPV brass monitors have a built-in valve for optimal versatility in industrial and marine environments.

- 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 187 for Monitor/Fog Nozzle Compatibility Chart

3523 Omega XPV Monitor

3522-SPL Omega XPV Monitor

- Equipped to withstand extreme environmental conditions
- No lubrication or regular maintenance required
- Externally sealed rotation and elevation joints
- Stainless steel "T" handle brake levers to hold desired position
- Extended length stainless steel valve actuator handle
- Two part primer and paint finish for excellent corrosion resistance and UV color protection
- Waterway protection cover

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3523	84 lbs* (38.1 kg)	21 3/16" (538 mm)	16 1/4" (413 mm)	9 3/4" (248 mm)	3" or 4" FL (75 or 100 mm)	2.5" NH (65 mm)	1250	4800
3522-SPL	84 lbs* (38 kg)	21 3/16" (538 mm)	19 7/16" (494 mm)	12 11/16" (323 mm)	3" or 4" FL (75 mm or 100 mm)	2.5" NH (65 mm)	1250	4800

* Less nozzle & handle



APPROVED
STYLE 3523
MONITOR ONLY



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



waterway protection cover



SCAN IT,
WATCH IT!

Smartphone
video link



STYLE 3522-SPL
Shown with
STYLE 5161 Nozzle



Industrial Manual Monitors

Omega™ SD Severe-Duty Monitor 1250 GPM (4800 LPM)

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 187 for Monitor/Fog Nozzle Compatibility Chart

Product Ratings:

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



Style 3524
Shown with
Style 499 Triple Stacked
Deluge Tips

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet Standard	Inlet Optional	Outlet	Flow	
								GPM	LPM
3524	58.5 (26.5 kg)	13 15/16" * (354 mm)	14 3/16" * (360 mm)	26 5/8" * (676 mm)	3" (75 mm)	3" or 4" FL (75 or 100 mm)	2.5 NH (65 mm)	1250	4800

* Maximum dimensions, less nozzle

Omega™ Monitor 1250 GPM (4800 LPM)

3526 Omega Monitor

- Full 3" waterway
- 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 187 for Monitor/Fog Nozzle Compatibility Chart



Style 3526
Shown with
Rampage™ nozzle

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3526	72 (32.7 kg)	17" * (432 mm)	11 1/2" * (292 mm)	32 3/4" * (832 mm)	2 1/2", 3" or 4" FL (65, 75 or 100 mm)	2 1/2" (65 mm)	1250	4800

* Maximum dimensions, less nozzle

Aries™ Monitor 1250 GPM (4800 LPM)

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

3525 Aries Monitor

- Full 3" waterway
- Optional drain valve - Must specify
- See page 187 for Monitor/Fog Nozzle Compatibility Chart

Style 3525
Shown with Style 4450
Aquastream™ Nozzle



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3525	66 (30 kg)	15" (380 mm)	14" (550 mm)	17 1/2" (445 mm)	3" or 4" FL (75 or 100 mm)	2 1/2" (65 mm)	1250	4800



Omega™ Monitor 2000 GPM (7600 LPM)

3437

Omega Monitor

- Full 4" waterway
- Gas spring for better balance with various nozzle weights
- 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 187 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
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



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

Brass StreamMaster Monitor 2000 GPM (7600 LPM)

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).

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 187 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3571	104 * (47.3 kg)	16 5/8" * (422 mm)	14 1/4" * (362 mm)	18 5/8" * (473 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600

* Less nozzle

See Page 188 for Electric Monitor Accessories



STYLE 3571 Brass StreamMaster
shown with STYLE 5071 Master
Stream Nozzle

Conquest™ Monitor 2000 GPM (7600 LPM)

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 187 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3671	185 (84 kg) *	25 1/2" (648 mm)	26" (661 mm)	19 3/8" (492 mm)	4" FL (100 mm)	3 1/2" NH (89 mm)	2000	7600

* Less nozzle



Style 3671
Shown with
Style 5071
Akromatic®
Nozzle

Storm™ Monitor 2000 GPM (7600 LPM)

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 187 for Monitor/Fog Nozzle Compatibility Chart

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3690	193 (87.5 kg)	49 1/2" (1257 mm)	30 1/2" (775 mm)	31 1/2" (800 mm)	4" FL (101 mm)	3 1/2" NPSH (89 mm)	2000	7600



Style 3690
Shown with Style 5071
Akromatic Nozzle

Rover™ Monitor Cart 800 GPM (3000 LPM)

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

3428 Rover Monitor Cart

- Two hose racks provide capacity for 100' (30 m) of 2 1/2" (65 mm) 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 3428
Shown with Style 4452
Aquastream™ Master Stream
Nozzle

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

Hydrant Mount 1200 GPM (4500 LPM)

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" (65 mm) hydrant port
- Height adjustment from the ground to center of the hydrant discharge is 17 1/2" (445 mm) to 28" (712 mm)
- Length: 9 1/2" from the swivel to the middle of flange
- 2 1/2" swivel inlet
- 3" (75 mm) or 4" (100 mm) flange outlet - Must specify
- Weight: 41 lbs. (18.6 kg)
- 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 57) and Style
4450 Aquastream Master
Stream Nozzle

Oscillating Flange



The Style 3531 Oscillating Flange has been designed, engineered, and tested to protect some of the world's most valuable assets. Its unique maintenance-free polymer bearing design, high quality material construction and superior performance make it the ideal choice for a long-term, low service solution for protecting your hazardous and harsh environments. The Style 3531 is capable of flows to 1500 gpm at an oscillation range up to 165° and is compatible with most Akron Brass manual monitors.

3531 Oscillating Flange

- Maintenance-free polymer bearing (no ball bearings)
- Totally water powered (no electrical connections)
- Heavy-duty low friction loss brass waterway
- Stainless steel water drive turbine for long life performance
- Oscillation range: 30°, 60°, 90°, 115°, 140° and 165°
- Adjustable oscillation speed: 0-40 deg. / second
- Operating pressure: 50-250 psi (3 - 17 bar)
- Maximum flow and pressure: 1250 gpm (4750 lpm) @ 250 psi (17 bar) or 1500 gpm (5700 lpm) @ 180 psi (12.5 bar)
- Inlet & outlet: 4" 150#ASA flange
- Integrated test port allows testing of the Oscillating Flange without discharging water from the monitor

Oscillation Range up to 165°

Style 3531
Patent Pending



SCAN IT,
WATCH IT!



Smartphone
video link

Style 3531 Shown with
Style 3528 Omega™ XP Monitor
and Style 4461 Rampage™ Nozzle



Conquest™ Electric Remote Controlled Monitor System 2000 GPM (7600 LPM)

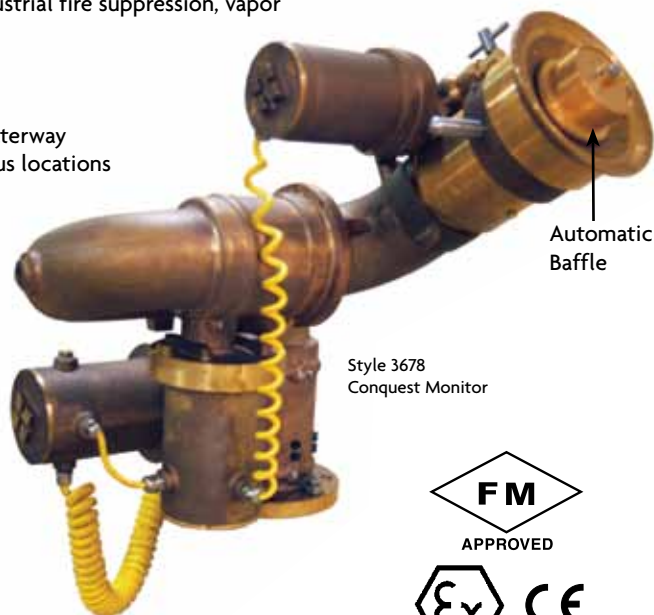
The Conquest Electric Remote Controlled Monitor System was designed as a small compact unit with exceptional performance and value. This System is ideal for use in industrial fire suppression, vapor mitigation, and other fixed site applications.

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
- Manual overrides



Conquest Drive System



Automatic Baffle

Style 3678
Conquest Monitor



Zone 1 - EEx d
OR
Zone 2 EEx nR

Storm™ Electric Programmable Monitor System 2000 GPM (7600LPM)

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 2000 gpm (7600 lpm) through a 5" waterway
- Hazardous environment ratings
- 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



Style 3698
Storm Monitor



Zone 2



Storm Drive System



Genesis™ Hydraulic Monitor Systems 1250 GPM (4800 LPM)

- Brass or Pyrolite® construction
- Continuous 360° horizontal rotation
- High, efficient flows up to 1250 gpm (4800 lpm) through a 3" (75 mm) waterway
- Fixed or automatic baffle nozzles:
Style 5056 Automatic, Styles 2156, 2158 Fixed



Genesis Monitor

3595

Genesis Electric Hydraulic Monitor System

- Electric hydraulic power unit for remote control of all functions
- 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



Style 3595 Genesis Electric HPU

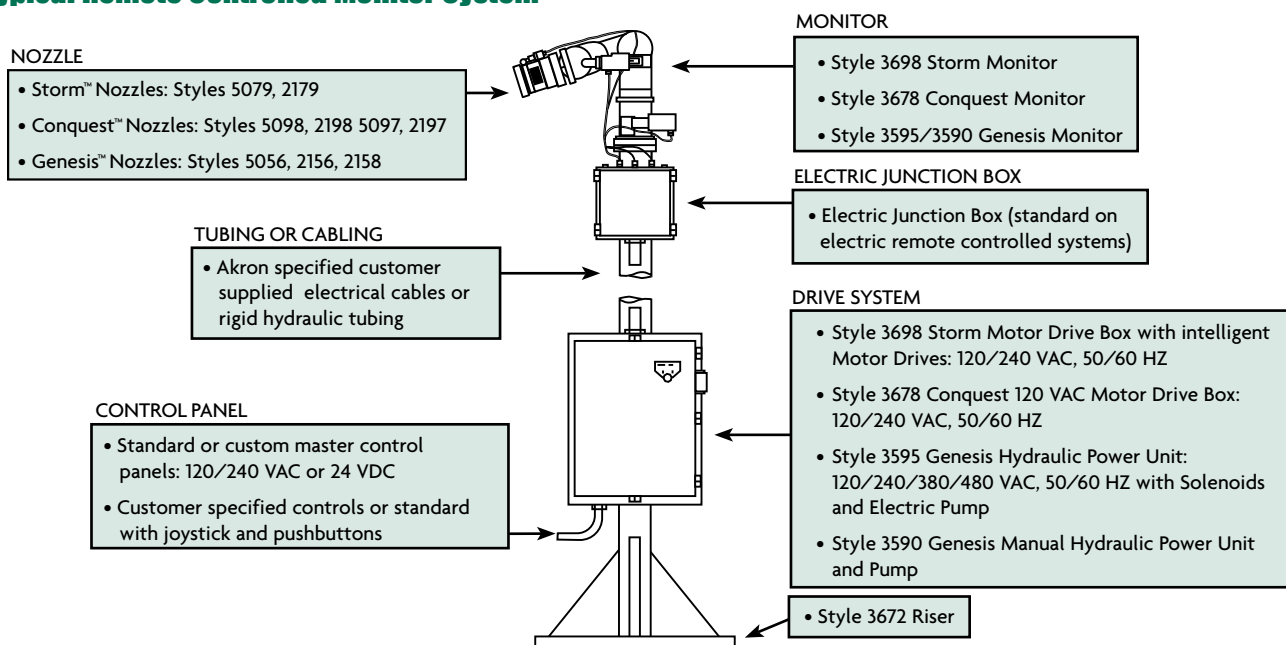


Style 3590 Genesis Manual HPU



Style 3476 Brass Genesis Monitor

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



Manual Elevated Monitor 750 GPM (2900 LPM)

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 (3, 4.5 and 6 m)
- Flow rate – up to 750 GPM (2400 LPM)
- 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 (72 m) at 750 GPM (2900 LPM)
 - Trouble free pattern actuation
 - Integral stream shaper
- Maintenance free rotation joint design

Style	Weight lbs. (kg)	Height	Width	Inlet	Outlet	Flow	
						GPM	LPM
3530	250* (113.4 kg)	10' (3 m)	26 3/4" (680 mm)	4" FL (100 mm)	2.5" N (65 mm)	750	2900
	326* (147.4 kg)	15' (4.5 m)					
	402* (183 kg)	20' (6 m)					

* Less Nozzle



Style 3530 Manual Monitor



Elevation Control Handle



Nozzle Pattern Adjustment Cable

Custom Industrial Systems Applications

Tank Wash Down System 500 GPM (1900 LPM)

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 750 GPM (2900 LPM)

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 500 GPM (1900 LPM)

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 and 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 With Optional High Speed Valve	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 2000 GPM (7600 LPM)

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
- Custom engineered configurations available



STYLE 3678
Shown with STYLE 489 Tip, STYLE 488
Discharge Pipe and Carlisle & Finch
Marine Spot Light (Supplied by others)





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.

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, the Trident HFRT-10. This new roof turret will deliver up to 2000 GPM (7600 LPM). 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 355°
- Vertical travel from +70° & -30°
- Inlet: 4" (100 mm) 150 lb flange (68 kg)
- Outlet: 3.5" NH (89mm)
- Proportional speed control
- One touch stow and deploy
- Obstacle avoidance
- Adjustable automatic oscillation
- Position feedback
- 12V or 24V
- Works with Electric MasterStream Nozzles (standard outlet)
- Painted black finish
- Durable lightweight Pyrolite® construction
- U2 Control System

Upgrade Features:

- Integrated dual gallonage foam tubes & fog nozzles
- Cowling with lights
- Wireless remote control
- Works with dry chemical piggy back
- Inside the cab manual overrides
- Rear inlet (4" flang, 4" - 5" victaulic)
- Custom paint (red, white, lime yellow)



STYLE 3356
Trident Standard Outlet Shown
with STYLE 5178 Akromatic™
2000 Nozzle



STYLE 3356
Trident Shown with
Optional Integrated Dual
Gallonage Fog Nozzle



Optional Integrated
Dual Gallonage
Foam Nozzle

Optional Cowling with
Halogen Lights

DUAL FLOW Selection GPM (LPM)

Low	375 (1500)	500 (1900)	600 (2250)	750 (3000)	1000 (3800)
High	750 (3000)	1000 (3800)	1200 (4500)	1500 (6000)	2000 (7600)

Electric Roof Turret

3353

Electric Roof Turret

- Flows from 250 to 1000 gpm (950 to 3800 lpm)
- 180° rotation & elevation travel
- 12 or 24 volt
- 4" (100 mm) flange
- 2.5" (65 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
- Joystick or switch controller available



STYLE 3353

Roof Turrets

3367

Air Aspirated Electric Roof Turret

- Weight: 250 lbs. (95 kg)

Style 3367 Type I

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)



Nozzle Travel

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

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

	GPM	250	375	400	500	600	750
LOW	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

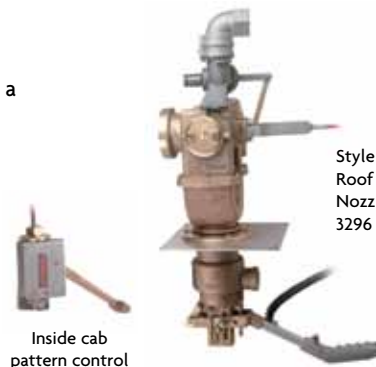
Electric Roof Turret

3460

Brass 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" (38 mm) NPT female inlet below the mounting plate
- Height: 13 1/2" (343 mm) (above plate), width: 14" (356 mm), length: 15 1/2" (394 mm) (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



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

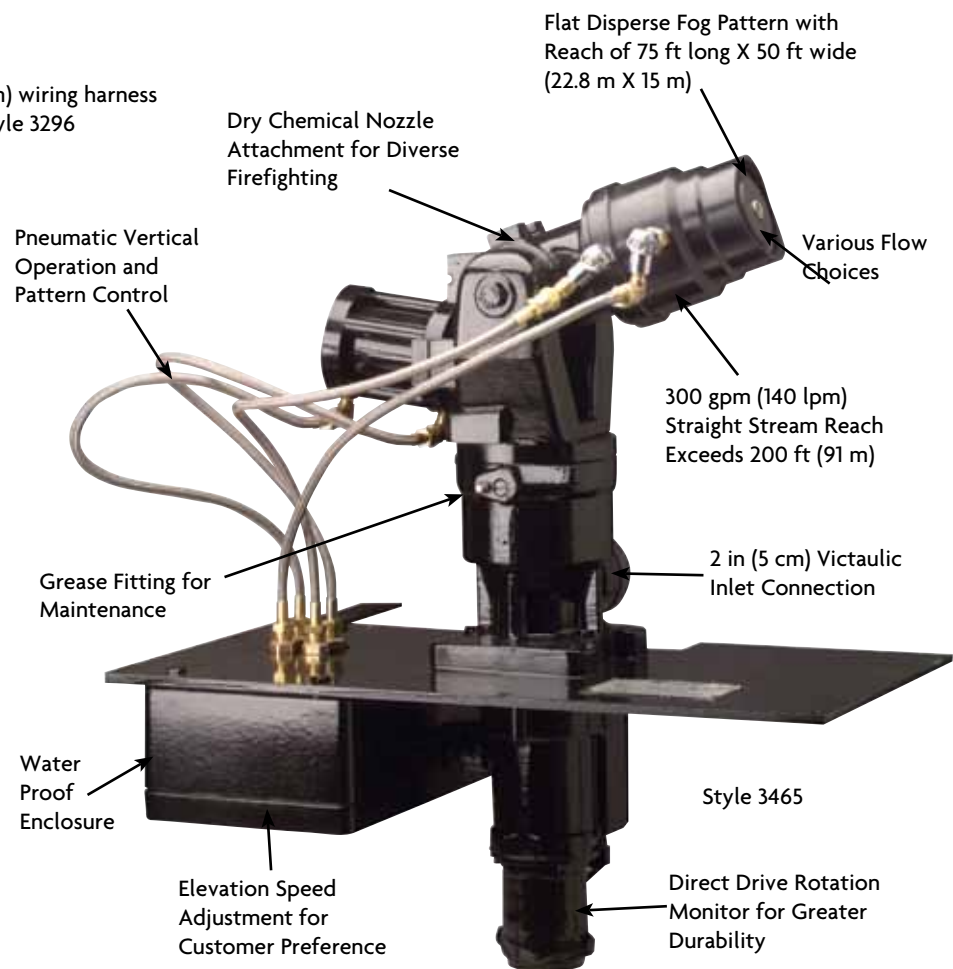
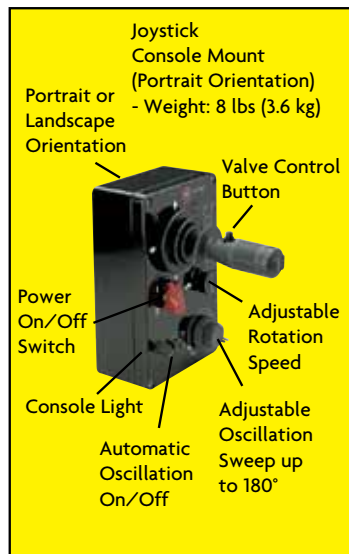
Designed for where adjustable application speed and automatic oscillation are required. All turrets exceed NFPA 414 & FAA requirements.

- 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

Available Flows For 3465								
GPM	60	95	125	150	200	250	300	500
LPM	230	360	475	550	750	950	1140	1900



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 39



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
- Position feedback
- Durable, lightweight Pyrolite® construction

Options

- Accepts a large variety of nozzles
- Speed control
- Position indicator



Position indicator available



See Page 188 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 (75 mm)	2 1/2" (65 mm)	1000	3800



Ultra High 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 (140 LPM) at 1500 psi (103 bar).

3450 Ultra High Pressure Bumper Turret

- Flows 300 GPM (140 LPM) at pressures up to 1500 psi (103 bar)
- Inlet: 2" NPT (50 mm)
- Outlet: 1.5" NH (38 mm)
- Vertical Travel: +70° & -30°
- Horizontal Travel: 180°
- 12V or 24V
- Position feedback
- Weight without nozzle 61 lbs.

Nozzle Options:

Style 1550 Saber Master™ Nozzle

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

Style 3292 Fog Nozzle 60 GPM (230 LPM) @ 1100 psi (76 bar)



Style 3450
Shown with
Style 3292 Nozzle

Uses FireFox control options, see page 188

Style	Weight lbs. (kg)	Height	Width	Inlet	Depth	Outlet	Flow	
							GPM	LPM
3450	61** (28 kg)	11 9/32"*** (287 mm)	14 5/8"*** (372 mm)	2" NPT (50 mm)	13 5/32"*** (335 mm)	1 1/2" (38 mm)	300	1140

* From bottom of elevation motor to top of elevation gearbox

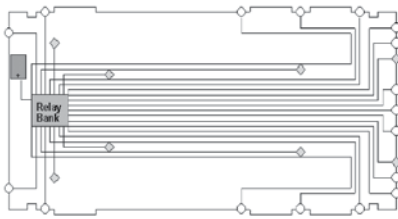
** Not including nozzle



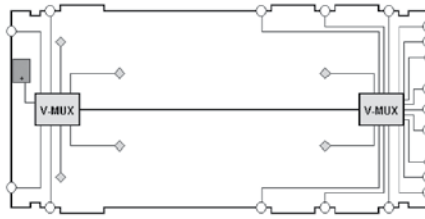




V-MUX ELECTRICAL SYSTEM SOLUTION = HARDWARE, SOFTWARE, AND SUPPORT



Traditional Wiring



V-MUX Wiring

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

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%.

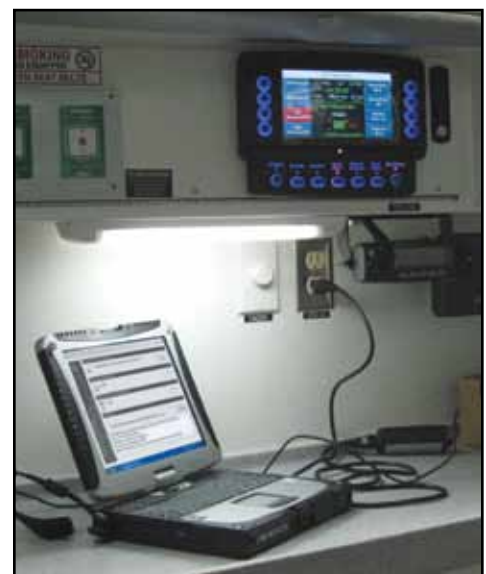
No electromechanical relays. Traditional wiring systems need to use relays for logic and output control. Relays are mechanical devices that will eventually fail. V-MUX uses solid state devices that do not wear out.

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's V-MUX multiplexing systems have been in service in the harshest operating conditions, from Alaska to the Arabian desert.

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





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



V-MUX® VALUE

- 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
- Peer-to-Peer System
 - Nodes hold their own configurations
 - Nodes can operate independently for improved reliability
- Integrated load Shedding and sequencing
- Dimming controls
- Highly customizable on-screen graphics and controls
- Easy to use configuration applications
- 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



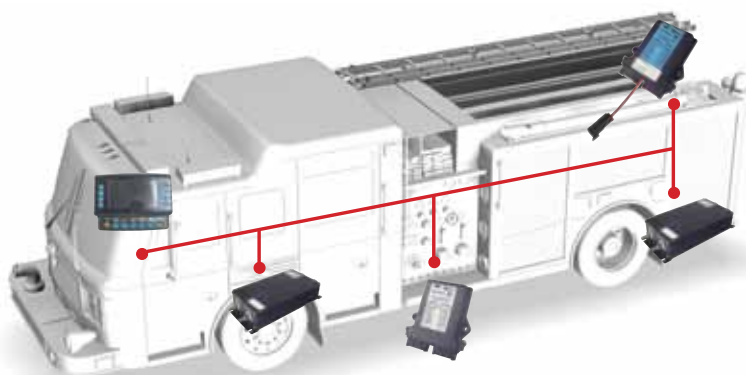
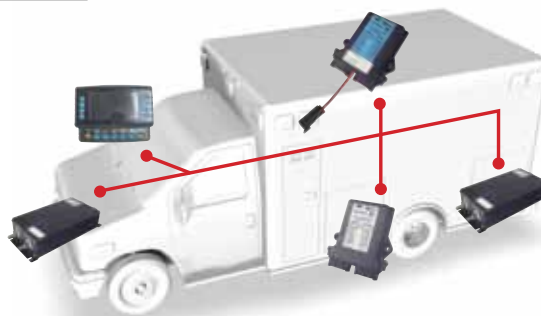
The SystemDesigner™ software allows the OEM to configure the vehicle. The OEM can e-mail or remote download the update to the vehicle.



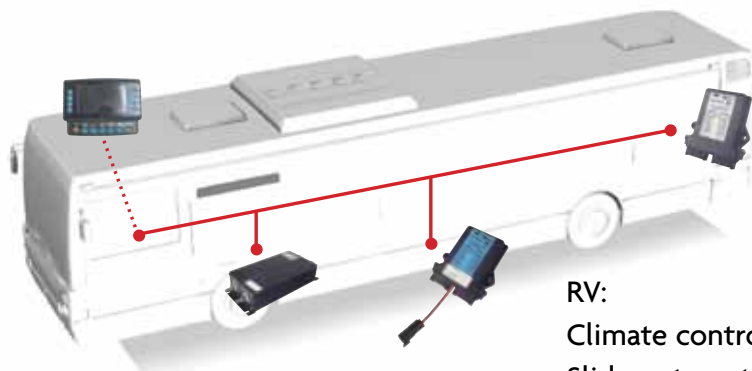


MULTIPLEXING FOR SPECIALTY VEHICLE MARKETS

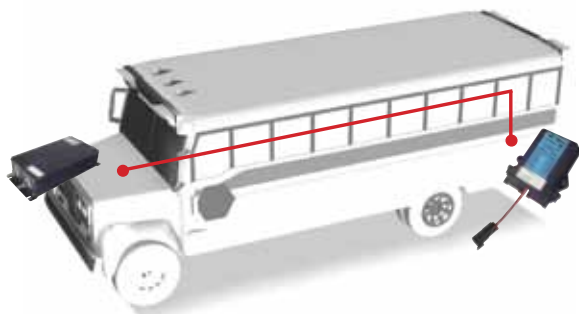
Ambulance:
Flashers
Climate control
Oxygen/suction
Dim lighting
Cameras



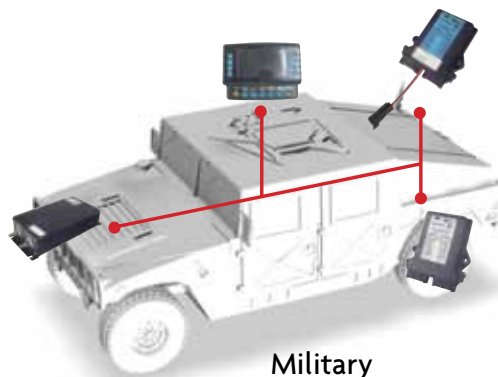
Fire:
Load shedding
Warning light control
Pump controls
Real-time diagnostics
Vehicle data recorder



RV:
Climate control
Slide out control
Chassis integration
Lighting
Cameras



Bus:
Flash warning lights
Child reminder
Vehicle data recorder



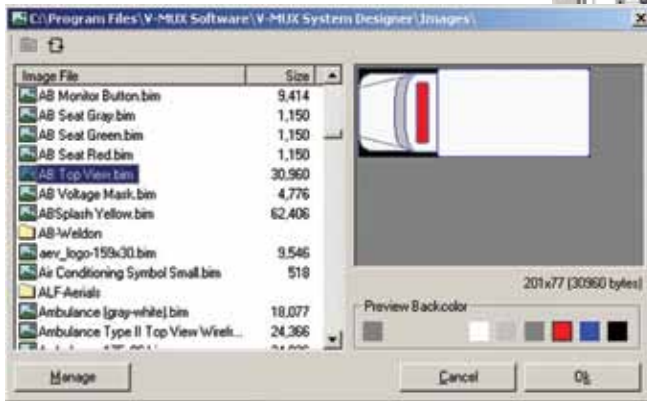
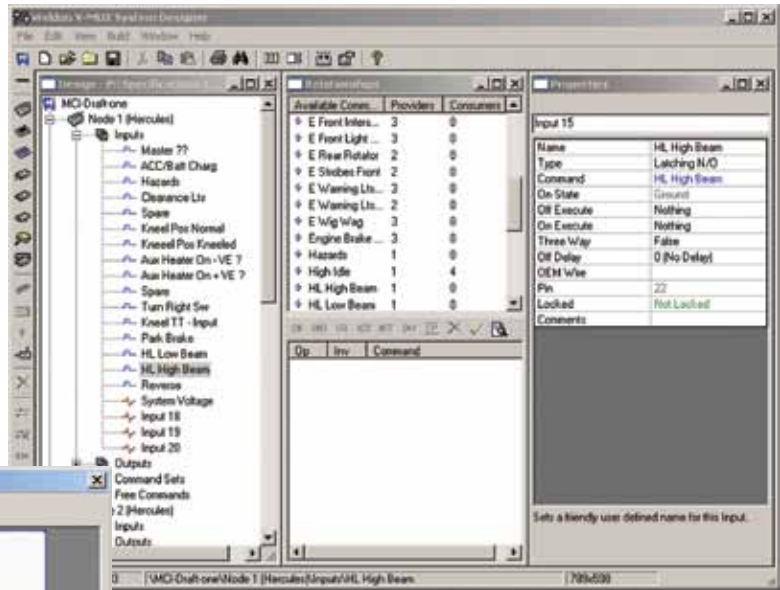
Military
Real-time diagnostics
Climate control
Black out mode
Rugged high quality



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 information



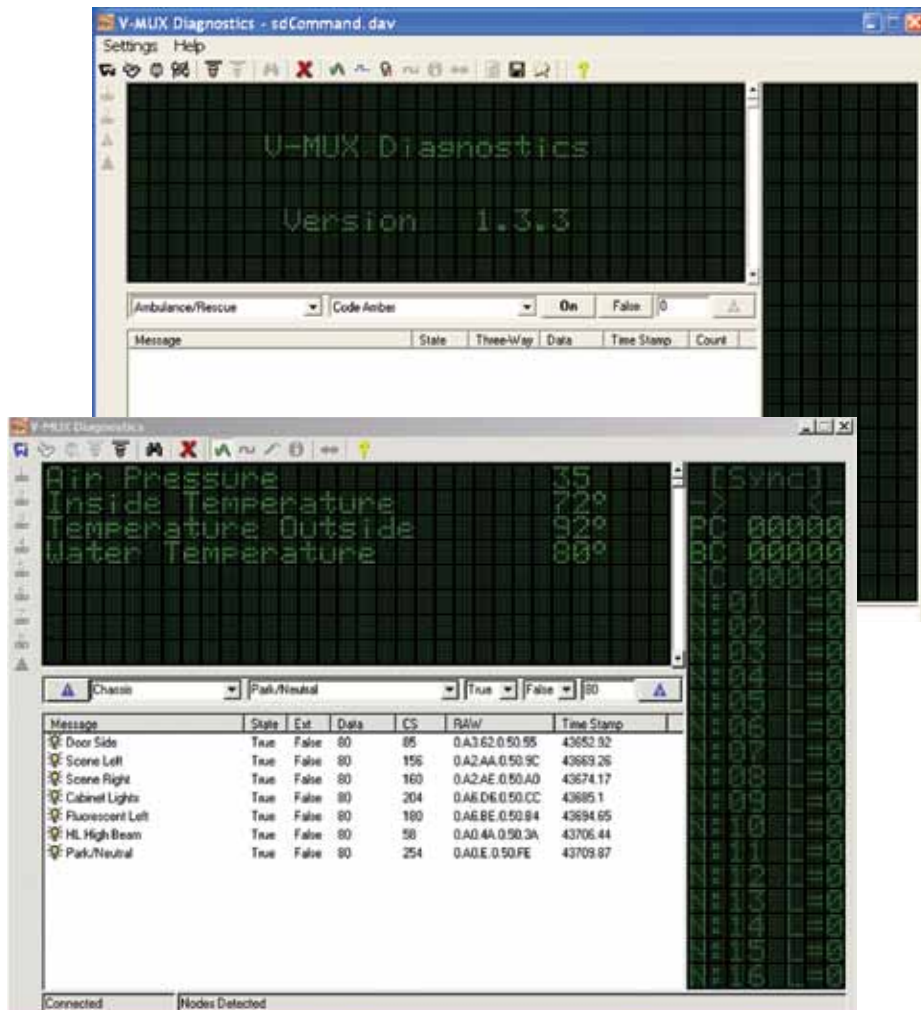
Then, download the node



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.

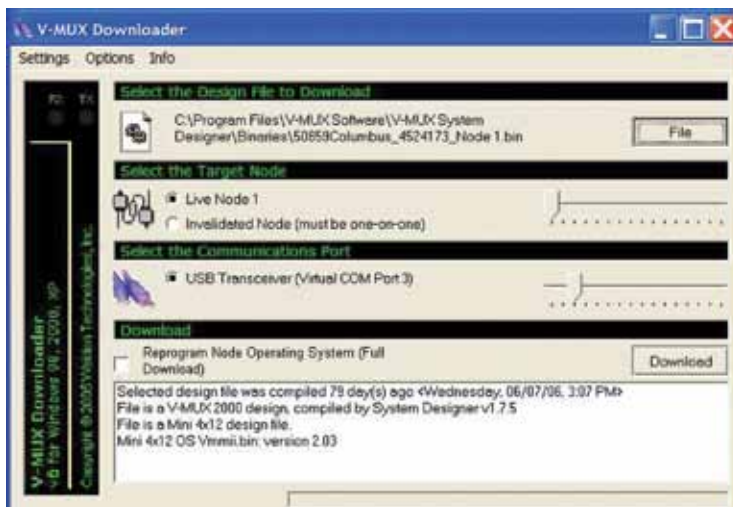
V-MUX software utilities, drivers, manuals, and guides are supported 24/7 at www.weldoninc.com



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 IV Display

Control your lighting and HVAC with the full color Vista IV display. Now offering new features including: Optional Touch Screen with buttons, 800 x 480 resolution, Four Video Ports, Firmware update by USB. This display has a wide operating temperature range, Automatic Screen Switching in response to current conditions, Sleep Mode option to eliminate night glare. Available in panel mount or 6" arm mount.

- Touch screen option
- 800 x 480 resolution
- Four video ports
- Flash updates with USB memory stick
- 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 / service information
- Colors change to indicate button status
- Video ready for:
 - Backup camera / Thermal cameras
 - DVD
 - GPS



Gauges



Back Up

Model Number Configuration Guide

624 A - B C D E - X X

A= Cable Accessory (1 = none; 2 = 6" Video Pig Tail; 3 = 10" Pig Tail)
 B= Legend Button Colors (0=Red/Blue/Green; 1=Green/Blue/Green)
 C=Touch Screen Capable (0=No; 1=Yes)
 D=Finish/Enclosure (1=Standard)
 E=Mounting Method (0=Panel Mount; 1=6" Arm Mount)
 XX=Legend Label (Contact your Akron Brass Sales Rep for a current list of available legends)



Flash Updates with USB memory stick

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
Real-time Clock	Ten year retention
Mating Connector: Deutsch DT06-45	1: Comm. Hi, 2: Comm. Lo, 3: Ground, 4: Power
Startup Time	< 3 seconds



Vista III Touch Screen Display

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 downloads and GPS interface.

Order Nos.	Description
ON30-2392-00	V-MUX Vista III Touch Screen



Vista III Touch Screen Shown with 6310 Series PODS



V-MUX VFD Display

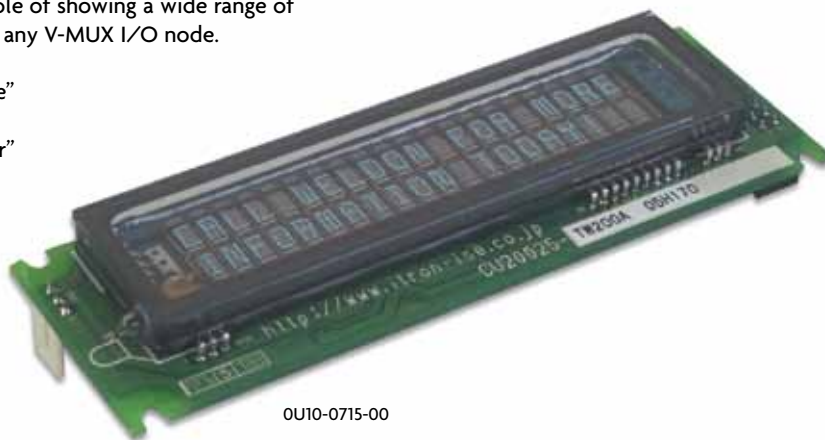
Two-line, twenty character text display is capable of showing a wide range of data from the V-MUX System. Directly runs off any V-MUX I/O node.

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



OU10-0715-00

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 0Q20-1736-00 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
0Q20-1736-00	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
OK90-2311-00	Connector Kit PODS

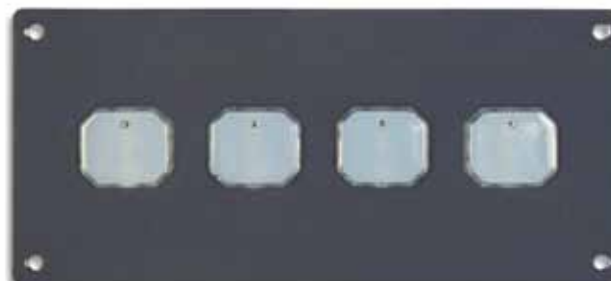


Two 6311-0400-00 connected with OL40-2020-00 cable assembly

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 0Q20-1736-00 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
0Q20-1736-00	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
OK90-2280-00	Connector Kit Hercules

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
OK90-2286-00	Connector Kit for 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
OK90-2281-00	Connector Kit for 6010 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 (OU10-0715-00)

- 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
OK90-2282-00	Connector Kit for 6020 and VDR

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)



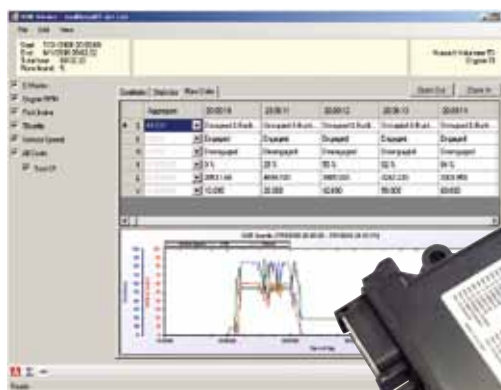
6204-0000-00

Order Nos.	Description
6204-0000-00	Occupant Restraint Indicator - Analog backlight interface
6204-0000-01	Occupant Restraint Indicator - Digital backlight interface
OK90-2783-00	Connector kit for ORI

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, and Date
- Password protected by the customer
- Six (6) seat position inputs for occupied Seats 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)
OL40-2597-00	Download Cable -USB to Deutsch
OK90-2282-00	Connector Kit for 6020 and 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

Order Nos.	Description
6400-0000-01	V-MUX Gateway Module
OK90-2283-00	Connector Kit Gateway



6400-0000-01

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

Order Nos.	Description
ON70-1519-03	Climate Controller Fahrenheit
ON70-1519-04	Climate Controller Celsius
OK90-2763-00	Connector Kit Climate Module



ON70-1519-03

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, 3 wire
OR13-2557-00	V-MUX Temperature Sensor, 2 wire



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 +/- 300
OR00-2306-01	V-MUX Hall Effect Current Sensor, +/- 200
OL40-2355-00	Interface Harness, Hall Effect



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 allowing the diagnostic center to dial into the truck 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

Order Nos.	Description
6120-0000-00	V-MUX Modem Transceiver
OL40-2677-00	Modem Harness



6120-0000-00



6131 Series, Field Service Kit - Includes Remote Diagnostics

The V-MUX® Diagnostics kit will aide 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.

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

Order Nos.	Description
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 backup 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, black & white video out, left mount	White
6502-0000-00	V-MUX Camera, black & white video out right mount	White
6503-0000-00	V-MUX Camera, black & white video out, left mount	Chrome
6504-0000-00	V-MUX Camera, black & white video out right mount	Chrome
6505-0000-00	V-MUX Camera, black & white video out, left mount	Primer
6506-0000-00	V-MUX Camera, black & white video out right mount	Primer
6507-0000-00	Camera Kit, Clear, Rear, 12/24V	Black
0L40-2032-00	25 ft shielded cable for 6500 camera	
0L20-2758-00	25 ft shielded cable for 6507 Camera	
0L20-2758-01	50 ft shielded cable for 6507 Camera	



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

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





Diamondback™ V-LED Perimeter Warning Lamps

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

Exclusive Features:

- Exceeds industry requirements (NFPA, SAE, KKK-A-1822)
- High impact polycarbonate lens with scratch and haze resistant hard-coating provides a lifetime of durability and clarity
- Flush mount design utilizes only four screw holes and a wire exit hole in vehicle. Mounting pattern is common with most competitive lamps.
- Injection molded mounting pad is integrated with lamp head
- 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
- 5 year warranty

Lamp Configuration:

- Available in 2"x6", 3"x4", 3"x7", 4"x6", & 7"x9"
- 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 use of colored and colorless optical elements
- Lamp is completely reconfigurable via wireless download without removing lens or lamp from vehicle



Split Scene Lamp Option:

Add a scene lamp section to your Diamondback warning lamp. When used on lower level warning lamps, this feature provides the right amount of ground illumination near the apparatus. To equip your Diamondback with this feature, configure your Diamondback warning lamp as normal and add the following custom modifier to the end of the part number:

- 0006 Horizontal Split, Scene Lamp on Bottom
- 0007 Vertical Split, Scene Lamp on Right
- 0008 Vertical Split, Scene Lamp on Left

Example: V37W-C1HRW-0006 is a horizontal red (with red optics)/white split scene lamp section located at the bottom of the lamp.

Note, the scene lamp function powers "ON" with the warning lamp. You cannot control each section independently.

See page 76 for sample part number configurations.



V46W-C00R
Shown with Bezel 0B80-2336-00



V46W-C10R
Shown with Bezel 0B80-2336-00



V46W-R
Shown with Bezel 0B80-2336-00



V37W-C1HRW-0006



Patented V-LED design allows replacement of LEDs

Diamondback™ surface mount scene lights now available see page 108.

IR Programmer

0N60-2508-00

IR Programmer for use with 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



Warning Lighting

Diamondback™ LED Perimeter Warning Lamps



2"x 6"



3"x 4"



3"x 7"



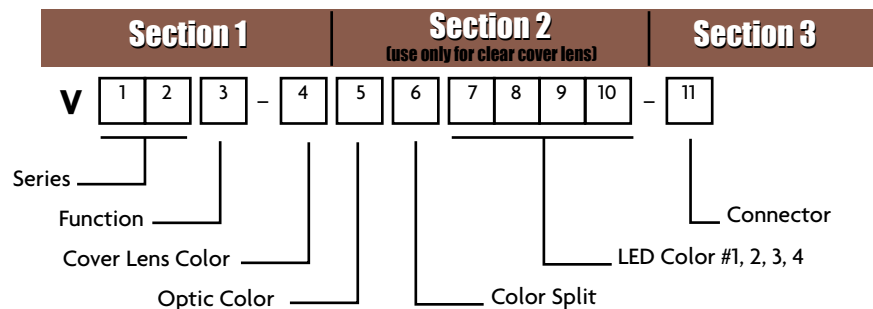
4"x 6"

See page 85 for sample part numbers



7"x 9"

Model Number Configuration Guide



Section 1

1	2	Series
3	4	= 3" x 4"
3	7	= 3" x 7"
4	6	= 4" x 6"
7	9	= 7" x 9"

3	Function
W	= Warning
D	= D.O.T.
S	= Scene

4	Cover Lens Color
R	= Red
A	= Amber
C	= Clear
B	= Blue

If Cover Lens Color is "C" Use Section 2; otherwise skip directly to section 3

Section 2

5	Optic Color
0	= Clear
1	= Matches LED Color

Only applies to clear cover lens

6	Color Split
0	= None
H	= Horizontal
V	= Vertical
X	= "X"
Q	= Quad

Only applies to clear cover lens

1	2
3	4

None	Horizontal
1 1	1 1
1 1	2 2
Vertical	"X"
1 2	1 2
1 2	2 1

7	8	9	10
LED Color #1	LED Color #2	LED Color #3	LED Color #4

R = Red
A = Amber
W = White
B = Blue
G = Green
Only applies to clear cover lens

Section 3

11	Connector
1	= Delphi
2	= Deutsch
3	= Amp
0	= None



Sample Diamondback Part Numbers

Order Nos.	2"X 6" * Diamondback (DB) Descriptions	CTN
V26W-A	2X6 DB Amber LEDs W/ Amber Lens	6
V26W-B	2X6 DB Blue LEDs W/ Blue Lens	6
V26W-R	2X6 DB Red LEDs W/ Red Lens	6
V26W-C00A	2X6 DB Amber LEDs W/ Clear Lens, Clear Optics	6
V26W-C00B	2X6 DB Blue LEDs W/ Clear Lens, Clear Optics	6
V26W-C00R	2X6 DB Red LEDs W/ Clear Lens, Clear Optics	6
V26W-C00W	2X6 DB White LEDs With Clear Lens, Clear Optics	6
V26W-C10A	2X6 DB Amber LEDs W/ Clear Lens, Amber Optics	6
V26W-C10B	2X6 DB Blue LEDs W/ Clear Lens, Blue Optics	6
V26W-C10R	2X6 DB Red LEDs W/ Clear Lens, Red Optics	6
V26W-C0VRA	2X6 DB, Red/Amber LEDs, Vert Split, Clear Optics	6
V26W-C0VRW	2X6 DB, Red/White LEDs, Vert Split, Clear Optics	6
V26W-C1VRB	2X6 DB, Red/Blue LED, Vert Split, Colored Optics	6
Order Nos.	3" x 4" ** Diamondback (DB) Descriptions	CTN
V34W-A	3X4 DB Amber LEDs W/ Amber Lens	6
V34W-B	3X4 DB Blue LEDs W/ Blue Lens	6
V34W-R	3X4 DB Red LEDs W/ Red Lens	6
V34W-C00A	3X4 DB Amber LEDs W/ Clear Lens, Clear Optics	6
V34W-C00B	3X4 DB Blue LEDs W/ Clear Lens, Clear Optics	6
V34W-C00R	3X4 DB Red LEDs W/ Clear Lens, Clear Optics	6
V34W-C00W	3X4 DB White LEDs With Clear Lens, Clear Optics	6
V34W-C10A	3X4 DB Amber LEDs W/ Clear Lens, Amber Optics	6
V34W-C10B	3X4 DB Blue LEDs W/ Clear Lens, Blue Optics	6
V34W-C10R	3X4 DB Red LEDs W/ Clear Lens, Red Optics	6
V34W-C0HRA	3X4 DB Red/Amber LEDs, Horiz Split, Clear Optics	6
V34W-C0HRW	3X4 DB Red/White LEDs, Horiz Split, Clear Optics	6
Order Nos.	3" x 7" Diamondback (DB) Descriptions	CTN
V37W-A	3X7 DB Amber LEDs W/ Amber Lens	6
V37W-B	3X7 DB Blue LEDs W/ Blue Lens	6
V37W-R	3X7 DB Red LEDs W/ Red Lens	6
V37W-C00A	3X7 DB Amber LEDs W/ Clear Lens, Clear Optics	6
V37W-C00B	3X7 DB Blue LEDs W/ Clear Lens, Clear Optics	6
V37W-C00R	3X7 DB Red LEDs W/ Clear Lens, Clear Optics	6
V37W-C00W	3X7 DB White LEDs With Clear Lens, Clear Optics	6
V37W-C10A	3X7 DB Amber LEDs W/ Clear Lens, Amber Optics	6
V37W-C10B	3X7 DB Blue LED W/ Clear Lens, Blue Optics	6
V37W-C10R	3X7 DB Red LEDs W/ Clear Lens, Red Optics	6
V37W-C0HRA	3X7 DB Red/Amber LEDs, Horiz Split, Clear Optics	6
V37W-C0HRW	3X7 DB Red/White LEDs, Horiz Split, Clear Optics	6
V37W-C0VRA	3X7 DB Red/Amber LEDs, Vert Split, Clear Optics	6
V37W-C0VRB	3X7 DB Red/Blue LEDs, Vert Split, Clear Optics	6
V37W-C1HRA	3X7 DB Red/Amber LEDs, Horiz Split, Colored Optics	6
V37W-C1HRW	3X7 DB Red/White LEDs, Horiz Split, Colored Optics	6
Order Nos.	4" x 6" Diamondback (DB) Descriptions	CTN
V46W-A	4X6 DB Amber LEDs W/ Amber Lens	6
V46W-B	4X6 DB Blue LEDs W/ Blue Lens	6
V46W-R	4X6 DB Red LEDs W/ Red Lens	6
V46W-C00A	4X6 DB Amber LEDs W/ Clear Lens, Clear Optics	6
V46W-C00B	4X6 DB Blue LEDs W/ Clear Lens, Clear Optics	6
V46W-C00R	4X6 DB Red LEDs W/ Clear Lens, Clear Optics	6
V46W-C00W	4X6 DB White LEDs With Clear Lens, Clear Optics	6
V46W-C10A	4X6 DB Amber LEDs W/ Clear Lens, Amber Optics	6
V46W-C10B	4X6 DB Blue LEDs W/ Clear Lens, Blue Optics	6
V46W-C10R	4X6 DB Red LEDs W/ Clear Lens, Red Optics	6
V46W-C0HRW	4X6 DB Red/White LEDs, Horiz Split, Clear Optics	6
V46W-C0VRA	4X6 DB Red/Amber LEDs, Vert Split, Clear Optics	6
V46W-C0VRW	4X6 DB Red/White LEDs, Vert Split, Clear Optics	6
V46W-C1HRB	4X6 DB Red/Blue LEDs, Horiz Split, Colored Optics	6
V46W-C1VRB	4X6 DB Red/Blue LEDs, Vert Split, Colored Optics	6

Order Nos.	7" x 9" Diamondback (DB) Descriptions	CTN
V79W-A	7X9 DB Amber LEDs W/ Amber Lens	6
V79W-B	7X9 DB Blue LEDs W/ Blue Lens	6
V79W-R	7X9 DB Red LEDs W/ Red Lens	6
V79W-C00A	7X9 DB Amber LEDs W/ Clear Lens, Clear Optics	6
V79W-C00B	7X9 DB Blue LEDs W/ Clear Lens, Clear Optics	6
V79W-C00R	7X9 DB Red LEDs W/ Clear Lens, Clear Optics	6
V79W-C00W	7X9 DB White LEDs With Clear Lens, Clear Optics	6
V79W-C10A	7X9 DB Amber LEDs W/ Clear Lens, Amber Optics	6
V79W-C10B	7X9 DB Blue LEDs W/ Clear Lens, Blue Optics	6
V79W-C10R	7X9 DB Red LEDs W/ Clear Lens, Red Optics	6
V79W-C0HRA	7X9 DB Red/Amber LEDs, Horiz Split, Clear Optics	6
V79W-C0HRW	7X9 DB Red/White LEDs, Horiz Split, Clear Optics	6
V79W-C0VAR	7X9 DB Amber/Red LEDs, Vert Split, Clear Optics	6
V79W-C0VRW	7X9 DB Red/White LEDs, Vert Split, Clear Optics	6
V79W-C0XRB	7X9 DB Red/Blue LEDs, Cross Split, Clear Optics	6
V79W-C1HRA	7X9 DB Red/Amber LEDs, Horiz Split, Colored Optics	6
V79W-C1VRA	7X9 DB Red/Amber LEDs, Vert Split, Colored Optics	6
V79W-C1VRB	7X9 DB Red/Blue LEDs, Vert Split, Colored Optics	6
V79W-C1XRA	7X9 DB Red/Amber LEDs, Cross Split, Colored Optics	6

Sample Diamondback Warning/Scene Part Numbers



Order Nos.	Diamondback Warning/Scene Combination Lamps	CTN
V37W-C0HVB-0006	DB, 3X7, H split, blue warning top/scene bottom	6
V37W-C1HRW-0006	DB, 3x7, H split, red optic warn top/scene bottom	6
V46W-C0HRW-0006	DB, 4X6, H split, red warning top/scene bottom	6
V46W-C1HAW-0006	DB, 4X6, H split, amb opt warn top/scene bottom	6
V79W-C0VRW-0007	DB, 7X9, V split, red warn left/scene right	6
V79W-C0VVR-0008	DB, 7X9, V split, red warn right/scene left	6

H= horizontal split, V= vertical split.

Many options available in 3x7, 4x6, and 7x9 sizes.

Order Nos	Service Parts for Diamondback Series	CTN
0B80-2495-00	Chrome Bezel Kit for 2"x6" Diamondback Lamps	6
0B80-2334-00	Chrome Bezel Kit for 3"x4" Diamondback Lamps	6
0B80-2335-00	Chrome Bezel Kit for 3"x7" Diamondback Lamps	6
0B80-2336-00	Chrome Bezel Kit for 4"x6" Diamondback Lamps	6
0B80-2337-00	Chrome Bezel Kit for 7"x9" Diamondback Lamps	6
0C20-2048-XX	V26 replacement cover lens	6
0C20-2191-XX	V34 replacement cover lens	6
0C20-2170-XX	V37 replacement cover lens	6
0C20-2177-XX	V46 replacement cover lens	6
0C20-2184-XX	V79 replacement cover lens	6

Note: Denote xx (-10) red lens, (-20) amber lens, (-30) clear lens, (-40) blue lens, (-70) green

* V26W available in vertical split (left/right) only

** V34W available in horizontal split (top/bottom) only



3800, 4600, 7800 Series Warning Lamps

Weldon's 3800, 4600, and 7800 series warning lamps are available in LED, Halogen or Strobe. 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 Warning Lamps

- Superior light output
- Low amp draw
- Sealed lens and housing
- Sealed, integrated connector
- Operates in 12V and 24V applications
- Panel or chrome flange mount
- 5 year warranty

Order Nos.	Description	Amp Draw 12 V	Amp Draw 24V	CTN
3871-1000-xx	3" X 7" LED warning, panel mount	0.8	0.42	6
3872-1000-xx	3" X 7" LED warning, bezel mount	0.8	0.42	6
4671-1000-xx	4" X 6" LED warning, panel mount	0.9	0.35	6
4672-1000-xx	4" X 6" LED warning, bezel mount	0.9	0.35	6
7871-1000-xx	7" X 9" LED warning, panel mount	2.3	1.18	6
7872-1000-xx	7" X 9" LED warning, bezel mount	2.3	1.18	6

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



3871-1000-10



4672-1000-20



7871-1000-10



3812-0000-40

Halogen Warning Lamps

- Sealed lens and reflector
- No moisture or dirt issues
- Twist and lock socket out the back for easy bulb replacement
- Split lens color options available for 3800 series
- Panel or chrome flange mount
- 12V operation

Order Nos.	Description	Amp Draw 12 V	CTN
3811-0000-xx	3" X 7" Halogen warning, panel mount	4.2	6
3812-0000-xx	3" X 7" Halogen warning, bezel mount	4.2	6
4611-0000-xx	4" X 6" Halogen warning, panel mount	4.2	6
4612-0000-xx	4" X 6" Halogen warning, bezel mount	4.2	6
7811-0000-xx	7" X 9" Halogen warning, panel mount	4.2	6
7812-0000-xx	7" X 9" Halogen warning, bezel mount	4.2	6

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

3800 Split lens options (-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) RH blue/amber; (-43) LH blue/clear, (-34) RH clear/blue.

Service Parts for LED & Halogen on Page 87



4611-0000-10



7812-0000-20



3800, 4600, 7800 Series Warning Lamps

Strobe Warning Lamps

- Sealed lens and reflector
- No moisture or dirt issues
- Panel or chrome flange mount
- Split lens color options available for 3800 series
- Operates in 12V or 24V applications

Order Nos.	Description	Amp. Draw	CTN
3821-0000-xx	3" X 7" Strobe warning, panel mount	*	6
3822-0000-xx	3" X 7" Strobe warning, bezel mount	*	6
4621-0000-xx	4" X 6" Strobe warning, panel mount	*	6
4622-0000-xx	4" X 6" Strobe warning, bezel mount	*	6
7821-0000-xx	7" X 9" Strobe warning, panel mount	*	6
7822-0000-xx	7" X 9" Strobe warning, bezel mount	*	6

*Amp draw varies based on power supply used.

See Page 107 for Strobe Power Systems

Note xx Denote (-10) red lens, (-20) amber lens, (-30) clear lens, (-40) blue lens
 3800 Split lens options (-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) RH blue/amber;
 (-43) LH blue/clear, (34) RH clear/blue.

3800, 4600, 7800 Series Service Parts

Order Nos.	Service Parts – Lamp Heads	CTN
0E22-0327-00	Repl. Bulb #795, Halogen	100
0K90-0336-00	Repl. Socket, single contact	10
0C90-1028-xx	Repl. Hal. lens/reflector assembly 3"X7"	6
0M10-1328-xx	Repl. Strobe head assembly 3"X7"	6
0C90-0350-xx	Repl. Hal. lens/reflector assembly 4"X6"	6
0M10-1330-xx	Repl. Strobe head assembly 4"X 6"	6
0C90-1138-xx	Repl. Hal. lens/reflector assembly 7"X 9"	6
0M10-1428-xx	Repl. Strobe head assembly 7"X 9"	6

Note xx Denote (-10) red lens, (-20) amber lens, (-30) clear lens, (-40) blue lens
 3800 Split lens options (-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) RH blue/amber;
 (-43) LH blue/clear, (34) RH clear/blue.

Order Nos.	Service Parts – Bezels and Gaskets	CTN
0B53-1016-00	3" X 7" Chrome bezel	6
0D30-1026-00	3" X 7" Mounting pad, bezel mount	6
0D10-1025-00	3" X 7" Gasket between lamp and bezel	6
0D30-1027-00	3" X 7" Mounting pad, panel mount	6
0B53-0333-00	4" X 6" Chrome bezel	6
0D30-0377-00	4" X 6" Mounting pad, bezel mount	6
0D10-0334-00	4" X 6" Gasket between lamp and bezel	6
0D30-0385-00	4" X 6" Mounting pad, panel mount	6
0B53-1125-00	7" X 9" Chrome bezel	6
0D30-1136-00	7" X 9" Mounting pad, bezel mount	6
0D10-1135-00	7" X 9" Gasket between lamp and bezel	6
0D30-1137-00	7" X 9" Mounting pad, panel mount	6



3821-0000-12



4621-0000-10



7822-0000-40

1020-9000 Series, 7" V-LED Warning Lamp



Weldon introduces a new revolutionary V-LED Warning Lamp 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
- Cover lens is replaceable
- LED's are serviceable/upgradable
- Standard lead wires allow flexibility to add the connector of choice
- Exceeds SAE J887 requirements - DOT (FMVSS108) compliant
- Strobing and standard flash in one lamp
- Instant on for improved visibility and safety
- No switch mode regulation - eliminates radio interference
- Advanced lens design for maximum optical performance
- 5 year warranty



1020-9000-10



1020-9000-20



Connector for the 1020-9030



Connector for the 1020-9090



Patented V-LED design allows replacement of LEDs

Order Nos.	Description	Amp Draw 12V	CTN
1020-9000-10	7" LED serviceable red warning	1.0	12
1020-9000-20	7" LED serviceable amber warning	1.5	12
1020-9030-xx	7" Serviceable LED Warning Lamp, AMP 250 Series connector	1.0 red 1.5 amber	12
1020-9090-xx	7" Serviceable LED Warning Lamp, Single AMP Univ Mate-N-Lok connector	1.0 red 1.5 amber	12

xx denotes (-10 red) or (-20 amber)

Order Nos.	Service Parts	CTN
0C20-2312-XX	Cover lens for 1020-9000	12
0C10-2313-00	Inner lens for 1020-9000	12
0D10-2316-00	Lens gasket	12
0D10-1977-00	Mounting gasket	12
0E30-2262-12	12 pack V-LED kit, red	1
0E30-2262-23	12 pack V-LED kit, amber	1
1021-0000-00	Visor for 1020	120

8401-0000-20, LED Door Warning Lamp



Weldon's 8401 Door Warning Lamp is an ideal auxiliary door warning light for your emergency vehicle application. Mounted on your apparatus doors, the light strip contains LEDs and specialized optics to emit an amber light flashing pattern that directs traffic away from the doors when open. Enhancing safety and effectiveness, Weldon engineers designed the optics specifically to throw the light away from the operators' eye and toward approaching traffic.

- Length: 16" Height: 3/4" Depth: 5/8"
- 15 traffic directing amber LEDs
- Sealed construction for excellent moisture protection
- Voltage: 12 V (.09 amp draw)

8401-0000-20



Order Nos.	Description	Amp Draw 12V	CTN
8401-0000-20	Door warning lamp, amber	.09	100



Light Bars & Roof Top Lighting



Aero-Maxx® II NFPA Lightbars



9188-1559-00

9188-1500 Series

This lightbar meets NFPA 1901 upper Zone "A" requirements for both clearing and blocking modes. When combined with our versatile Diamondback perimeter warning lamps and LED beacons, a 100% NFPA certified Weldon warning lamp package can be provided! Permanent lightbar is standard with mounting hardware optional. Lightbar gutter mounting kits available separately.

- Intense LED lighthead provide a wide output coverage area exceeding NFPA requirements
- Rugged aluminum chassis and impact resistant polycarbonate lenses provide excellent durability in harsh environments
- Cover lenses available in clear or colored configurations to match the LED
- Slotted mounting bolt channels provide flexible mounting options
- Serviceable lenses, lighthead and controller allow long-term maintenance of the product
- Additional options include: arrow stick, take-down and alley lights, and Opticom™ strobe tube

Order Nos.	Description
9188-1524L-00*	24" length, R/W/W forward; R/R outboard left
9188-1524R-00*	24" length, W/W/R forward; R/R outboard right
9188-1549-00	49" length, R/R/R/W/W/R/R/R front; R/R each side
9188-1554-00	54" length, R/R/R/W/W/W/R/R/R front; R/R each side
9188-1559-00	59" length, R/R/R/W/W/W/W/R/R/R front; R/R each side
9188-1572-00	72" length, R/R/R/W/W/W/W/W/R/R/R front; R/R each side
0J90-2637-01	Mtg Bracket Kit, Ford 1/2T
0J90-2637-02	Mtg Bracket Kit, Ford 3/4 to 1T
0J90-2637-03	Mtg Bracket Kit, GM/Dodge 1/2T to 1T

* For split aerial applications



Diamondback™ Lightbars

The Diamondback lightbar utilizes our popular V37 Diamondback LED lamps 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 lamps. The lightbar body is constructed of clear anodizing extruded aluminum providing excellent durability and corrosion protection.

- LED - low amp draw
- Integrated flasher
- Body or roof mount
- Split bar configurations for aerals
- Straight, angle or wrap-around styles available



Order Nos.	Description
V3702-5935-00	8 Diamondback lightbar, R/R/SC/A/A/SC/R/R
V3702-6738-00	9 Diamondback lightbar, R/R/R/R/W/R/R/R/R
V3702-7434-00	10 Diamondback lightbar, R/R/R/R/W/W/R/R/R/R
V3713-8536-00	16 Diamondback wrap-around lightbar, red/wh

Custom configurations based on V34, V37 and 3800 Series Lamps available



3900 Series Lightbars

- LED - low amp draw
- Integrated flasher
- Body or roof mount
- Split bar configurations for aerials
- Straight, angle or wrap-around styles available



3901-5903-00



3901-1604-00

Order Nos.	Description
3901-1604-00	LED, 2 lamp, roadside, red
3901-1605-00	LED, 2 lamp, curbside, red
3901-5903-00	Lightbar, 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/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

7150-7160 Series LED Beacon

This high power LED beacon is perfect for upper rear warning applications. The lamp can be surface mounted or pole mounted. In addition to the red and amber, the LED Beacon is also now available in white, blue & green.

- Eight 3 watt high power LEDs create an intense, attention grabbing signal
- Engineered reflector optics direct light efficiently into the required pattern
- Lamp includes 15 selectable flash patterns
- Coated die-cast aluminum housing protects against corrosion
- Replaceable lens cover provides lamp serviceability
- Engineered for 12 and 24 V applications
- 5 Year Warranty



7150-7160-10

Part Number	Description	SAE J1318
7150-7160-10	Red LED Beacon	Class 1
7150-7160-20	Amber LED Beacon	Class 1
7150-7160-30	White LED Beacon	Class 1
7150-7160-40	Blue LED Beacon	Class 1
7150-7160-50	Green LED Beacon	Class 1

7110 Series 360° Roof Top Strobes

Our conventional strobe lamp series features a high-heat, impact resistant polycarbonate lens. The Fresnel optics provide an SAE J1318 Class 2 compliant signal. The tough polycarbonate base is corrosion resistant for years of worry-free service.

- Polycarbonate lens with Fresnel optics
- Replaceable helical strobe tube
- Easy three-screw mounting
- SAE J1318 Class 2 compliant



7110-0000-10

Order Nos.	Description
7110-0000-XX	360 Strobe Assembly

xx denotes (-10 red), (-20 amber), (-30 clear)



1017-9000 Series, 7" Round, Single V-LED

Designed for long-term service and low lifecycle costs, Weldon's 1017-9000 Series offers the best of both worlds —combining the benefits of Weldon's patented V-LED technology in a traditional look. It is the industry's only serviceable, maintainable, and upgradable stop, tail, turn, and backup light. It is loaded with value-added features that reduce maintenance expenses and vehicle downtime, while enhancing signaling and visibility through optimized light control. Some of the key features/benefits include:

- Replaceable cover lens serviceable on the vehicle
- Upgradeable V-LED
- Single V-LED design
- Low power consumption/amperage draw
- Backup available page 98
- 5 year warranty



1017-9000-10



1017-9000-20

LOW AMPERAGE DRAW/LOW POWER CONSUMPTION

- Weldon's patented V-LED technology allows extraordinary brightness and signaling power with low current draw
- V-LED threaded mounting design, combined with a die-cast aluminum heat sink, provides excellent heat extraction from the LEDs

RETROFIT FOR TECHNOLOGY UPGRADE

- Mounts to all existing 7" bolt patterns for easy retrofit

SIMPLIFIED MAINTENANCE & REDUCED VEHICLE DOWNTIME

- Serviceable and replaceable cover lens eliminates the time and expense of replacing an entire unit if broken
- Attached by four screws, the cover lens can be replaced while on the vehicle (i.e. eliminating the need to remove the light from the vehicle)

UPGRADEABLE/REPLACEABLE LEDs

- V-LED diodes are field upgradeable, which allows the user to reap the benefits of future LED technologies without reinvesting in a complete fixture

RUGGED AND DURABLE CONSTRUCTION

- Scratch-Resistant Acrylic Lens provides UV resistance and improved clarity
- Threaded V-LED design results in superior vibration resistance
- Solid, die-cast aluminum base prevents rust

MOISTURE PROTECTION

- Dual layers of gaskets prevent moisture intrusion into LED and electronics

SAFETY

- Instant on/off for improved visibility and safety



Patented V-LED design allows replacement of LEDs

Part Number	Description
1017-9000-10	Stop & Tail, Single V-LED, 7" Round, Red Lens
1017-9000-20	Rear Turn, Single V-LED, 7" Round, Amber Lens
OC80-2684-XX	Replacement cover lens kit
OE30-2262-12	V-LED Kit, 1 watt, Red, 12 pcs
OE30-2262-23	V-LED Kit, 2 watt, Amber, 12 pcs

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

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.	Description	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
1010-9110-21	7" LED, left arrow turn w/ 2-wire plug assm, amber	0.38
1010-9110-22	7" LED, right arrow turn w/ 2-wire plug assm, amber	0.38
1010-8110-1K	7" LED, stop & tail kit, 2 lamps red	
1010-8110-2K	7" LED, park & turn kit, 2 lamps amber	
1010-8110-CK	7" LED, combo kit, 2 stop tail/2 park & turn lamps	
OK90-1549-10	Plug assy, 2 wire to metripack conn, 1010-8100 LED	
OK90-1549-20	Plug assy, 3 wire to metripack conn, 1010-8100 LED	

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

Led, 9186-5585 Series

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

Order Nos.	Description	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

Incandescent, 1000-1010 Series

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

Order Nos.	Description	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
1010-0320-10	7" stop & tail/dual cont #1157 bulb, chrome flange	2.1/.59
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/.59
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	

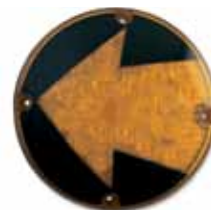
NOTE: xx Denote (-10) red Lens (-20) Amber Lens



1010-8100-10



1010-8100-20



1010-9110-21



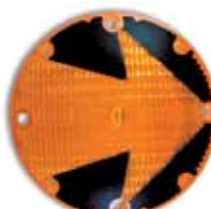
9186-5585-10



9186-5585-20



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.	Description	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.	Description	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	
OK90-1969-10	Plug, 2 wire assembly	
OK90-1969-20	Plug, 3 wire assembly	



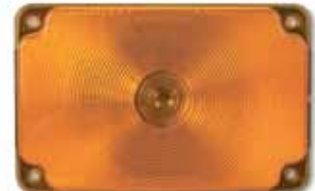
5801-0100-11



5801-0100-21



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
- 5 year warranty

Order Nos.	Description	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, seq turn w/arrow rh, bezel/amber	0.89	0.4



3871-2000-10



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.	Description	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, #3497 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	2.2/.59
3851-0000-20	3"x7" park & turn, panel mount, #2357 bulb, amber	2.2/.59
3852-0000-10	3"x7" stop, turn & tail, bezel mount, #2357 bulb, red	2.2/.59



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
- 5 year warranty

Order Nos.	Description	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

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.	Description	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/.59
4651-0000-20	4"x6" park & turn, panel mount, #1157 bulb, amber	2.1/.59
4652-0000-10	4"x6" stop & tail, bezel mount, #1157 bulb, red	2.1/.59
4652-0000-20	4"x6" park & turn, bezel mount, #1157 bulb, amber	2.1/.59
4653-0000-20	4"x6" park & turn, headlamp mount, #1157 bulb, amber	2.1/.59



4671-2000-10



4672-6000-21



4651-0000-10



4641-0000-21

Service Parts For 3800, 4600 S-T-T

Order Nos.	Service Parts For 3800, 4600, 7800 S-T-T
0C90-1028-xx	Repl. lens/refl assy, hal-sf, 3800 series
0C90-1029-xx	Repl. lens/refl assy, hal-df, 3800 series
0C90-1030-xx	Repl. lens/refl assy, arrow, hal, 3800 series
0D30-1026-00	Repl. Mounting Pad, 3800 Series, Bezel
0D30-1027-00	Repl. mounting pad, 3800 series, panel
0C90-0350-xx	Repl. lens assy, hal-sf, 4600 series
0C90-0351-xx	Repl. lens assy, hal-df, 4600 series
0C90-0352-xx	Repl. lens assy, arrow, hal, 4600 series
0D30-0377-00	Repl. mounting pad, 4600 series, bezel
0D30-0385-00	Repl. mounting pad, 4600 series, panel
0K90-0336-00	repl. socket, single contact
0K90-0337-00	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, 45 cp
9018-0021-00	Repl bulb: #2357 for 3800, 40/3CP dual contact

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



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.	Description	Amp Draw 12V
9186-2366-10	LED Dual-Face Red/Red	0.7

9186-2366-10



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.	Description
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, red turn, backup
3884-9000-00	Tri: 3"x7" lamps, open, stop & tail, backup



3884-0100-18

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

Order Nos.	Description
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 turn rh, 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



3894-0161-18

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.	Description
4684-0000-01	Tri: 4"x6" Lamps: stop & tail, amber w/arrow lh, backup
4684-0000-02	Tri: 4"x6" lamps: stop & tail, amber w/arrow rh, backup
4684-0100-01	Tri: 4"x6" lamps: stop & tail, amber w/arrow lh, backup, packard con
4684-0100-02	Tri: 4"x6" lamps: stop & tail, amber w/arrow rh, backup, packard con
4684-0100-18	Tri: 4"x6" lamps: LED stop & tail, amber seq turn lh, backup, packard con
4684-0100-19	Tri: 4"x6" lamps: LED stop & tail, amber seq turn rh, backup, packard con
4684-0100-28	Tri: 4"x6" lamps: LED stop & tail, amber seq turn lh, incdsnt backup, packard con
4684-0100-29	Tri: 4"x6" lamps: LED stop & tail, amber seq turn rh, incdsnt backup, packard con
4684-0200-01	Tri: 4"x6" lamps: stop & tail, amber w/arrow lh, backup, duetsch con
4684-0200-02	Tri: 4"x6" lamps: stop & tail, amber w/arrow rh, backup, duetsch con
4684-0200-18	Tri: 4"x6" lamps: LED stop & tail, amber seq turn lh, backup, duetsch con
4684-0200-19	Tri: 4"x6" lamps: LED stop & tail, amber seq turn rh, backup, duetsch con
4684-0200-28	Tri: 4"x6" lamps: LED stop & tail, amber seq turn lh, incdsnt backup, duetsch con
4684-0200-29	Tri: 4"x6" lamps: LED stop & tail, amber seq turn rh, incdsnt backup, duetsch con



4684-0100-18



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.	Description
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: 4"x6" lamps, LED stop & tail, amb seq turn lh, incdsnt backup, led wng-red, (2) duetsch con
4694-0561-29	Quad: 4"x6" lamps, LED stop & tail, amb seq turn rh, incdsnt backup, led wng-red, (2) duetsch con



4694-0561-18

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.	Description
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, incdsnt backup
4682-3200-29	Tri: horizontal mount, LED stop & tail, amber w/arrow rh, incdsnt backup

Order Nos.	Service Parts for tri and quad assemblies
OC90-0350-xx*	Repl. lens assy, halogen, 4600 series
OC90-0352-21	Repl. lens assy, halogen, 4600 left arrow turn, amber
OC90-0352-22	Repl. lens assy, 4600 right arrow turn, halogen, amber
OC90-1028-xx*	Repl. lens/refl assy, hal-sf, 3800 series
OC90-1029-10	Repl. lens/refl assy, hal-df, 3800 series
OC90-1030-21	Repl. lens/refl assy, left arrow, 3800 series
OC90-1030-22	Repl. lens/refl assy, right arrow, 3800 series
OD40-0512-00	Repl. mounting pad for 3884 series
OD40-1143-00	Repl. mounting pad for 4684 series
OD40-1144-00	Repl. mounting pad for 4694 series
OD40-1203-00	Repl. mounting pad for 3894 series
OD40-1339-01	Repl. mounting pad for 4681 series
OK90-0336-00	Repl. socket, single contact
OK90-0337-00	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



4682-3200-29

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.

1017-9000 Series, 7" Round, Single V-LED

- Replaceable cover lens serviceable on the vehicle
- Upgradeable V-LED
- Single V-LED design
- Low power consumption/ampage draw
- DOT (FMVSS108) compliant
- Use with 1017 stop, tail and turn on page 91

Order Nos.	Description
1017-9000-30	Backup, Single V-LED, 7" Round, Clear Lens
0C80-2684-30	Replacement cover lens kit for 1017 backup
0E30-2262-37	V-LED Kit, 1 watt, Clear, 12 pcs

LED, 9186-5585-30 Series

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

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

Incandescent, 1013 Series

- Your choice of chrome flange or black base
- Available in flat back or socket back
- DOT (FMVSS108) compliant

Order Nos.	Description	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	

NEW!



1017-9000-30
V-LED™



9186-5586-30
LED



1013-1100-30
Incandescent

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. See page 93 for Stop Tail Turn.

- 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"



5802-0100-30



5801-0100-30

Order Nos.	Description	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
OK90-1969-10	2 wire plug assembly for 5801 and 5802 backup	



3800-4600-7800 Series Backup

These 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.	Description	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 Backup

Order Nos.	Service Parts for 3800, 4600, 7800 Backup
OC90-0350-33	Repl. lens/refl assy, 4600
OC90-1028-33	Repl. lens/refl assy, 3800
OD30-0377-00	Repl. mounting pad, 4600 series, bezel mount
OD30-0385-00	Repl. mounting pad, 4600 series, panel mount
OD30-1026-00	Repl. mounting pad for 3800 series, bezel mount
OD30-1027-00	Mounting pad for 3800 series, panel mount
OK90-0336-00	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.	Description	Amp Draw 12V
9186-4570-30	Black bezel, 1 wire, #1156 bulb	2.1
9186-4571-30	Black bezel, 2 wire, #1076 bulb	1.8
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.	Description	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. This new LED dome lamp features patented V-LED technology for optimal light output. LED's are serviceable, allowing the lamp to be upgraded as LED technology progresses. Light output is 750 lumens while consuming only 10 watts of power. A new deeper housing provides a completely flush mounted lamp. Surface mount version also available.

8047/8049 models:

- Upgradable V-LED technology
- Only 10 watts power consumption
- Flush mount or surface mount
- Less than 1 amp draw in high mode at 12V
- Utilizes only 8 high-power LED's for optimal output intensity
- Stainless steel or white powder coated housing
- 5 year warranty

All 8040 of series:

- Meets GSA-KKK specifications when installed properly
- Hi/low operation

Order Nos.	Description	Amp Draw 12V
8040-0500-80	Recessed mount, sf #1156 bulb, ss body, clear lexan lens	2.1
8040-0520-80	Recessed mount, df #1157 bulb, ss body, clear lexan lens	2.1/.59
8046-0300-80	Recessed mount, single bulb #gh9, ss body, clear lexan lens	2.9
8046-0320-80	Recessed mount, hi/lo, #gh9/#906, ss body, clear lexan lens	2.9/.69
8047-1000-10	V-LED upgradable surface mount (no pan), hi/lo, red	.6/.05
8047-1000-30	V-LED upgradable surface mount (no pan), hi/lo, clear	.8/.06*
8049-0000-30	V-LED upgradable recessed mount, hi/lo, ss body, clear	.8/.06*
8049-0001-30	V-LED upgradable recessed mount, white body, hi/lo, clear	.8/.06*
8049-0000-10	V-LED upgradable recessed mount, hi/lo, ss body, red	.6/.05
8049-0001-10	V-LED upgradable recessed 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, #gh9 halogen 37.5w	
9018-0035-00	Replacement bulb, lo, #906, 6cp	
1003-0000-80	Replacement lexan lens for 8040/8046, clear	

*@14V



ON80-2485 Series, PWM Converter, 2 Channel

This module eliminates the flicker that is sometimes associated with PWM dimming. The module has two channels and can supply up to 10 amps per channel. Maximum output for both channels combined is 15 amps.

Order Nos.	Description	CTN
ON80-2485-00	PWM Converter, 2 Channel	1



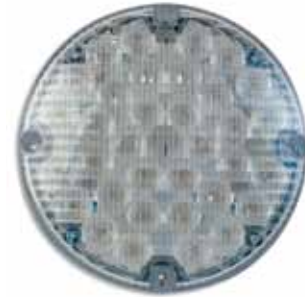
ON80-2485-00



LED, 1010-8100 Series

- Low amp draw
- Fully encapsulated electronics
- Flat back design
- Integral, sealed connector
- Surface mount
- 5 year warranty

Order Nos.	Description	Amp Draw 12V
1010-8100-30	7" LED, no plug, black base	.45
1010-8110-30	7", LED w/plug, black base, white	.45
OK90-1549-10	Plug assy 2 wire for led lamps	



1010-8110-30

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



2631-0000-30



2630-0000-30



8080/8081 Series LED Cab Dome Light

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

- Black (8080) or grey (8081) bezel
- +Battery (-8000) or ground (-7000) switching configurations
- Meets NFPA Illumination

Order Nos.	Description	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.	Description	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 an underbody lamp. The 9185-40034 series features epoxy-sealed terminals and can be used for underbody applications. An aluminum bracket is available separately for underbody illumination.

Order Nos.	Description	Amp Draw 12V
9185-40003-3	Utility/grommet kit, clear	1.4
9185-40034	Utility kit, clear	1.4
0J10-0503-00	Mounting bracket for underbody application, 9185-40003	



9185-40003-3



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.	Description	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
9186-8589-24	LED amber side turn/mrkr custom leads	0.1/0.4
0C12-1181-00	Repl. lens, polycarbonate, amber	
0D10-1176-00	Repl. gasket, lens	
0D30-1092-00	Repl. mounting pad	
9018-0020-00	Repl. bulb: #1157, 32/3cp	

*no current DOT requirement for side turn



9186-8560-29

2710 Series, LED Side Turn/Marker, 6" x 2.65"

This lamp features eleven high-brightness LED's to provide an effective signal. The inner lens optics direct most of the light rearward into the vehicle blind spot area. The acrylic lens and base are vibration welded to achieve a water-tight seal. All electronic components are potted for added protection. The lamp uses a sealed connector to enable a reliable interconnect between the lamp and the vehicle. Metal bushings are inserted at the mounting points for added durability.

- Excellent blind spot signal coverage
- Sealed lens/housing with potted electronics
- Metal bushings at mounting points

Order Nos.	Description	AMP Draw
2710-0100-20	Amber LED Turn/Marker, Amber Lens	.13/-.05
2710-1100-20	Amber LED Turn/Marker, Clear Lens	.13/-.05
OK90-2869-00	Plug Assembly, 3-Wire	



2710-0100-20



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

These lamps feature a tough acrylic lens with a 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.	Description	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)



5180-0100-10
Shown with optional Shield (OJ10-2161-GY)



5180-0100-10
Shown with OK90-1803-00 Plug Assembly



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.	Description	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.	Description	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	
OD10-1530-00	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.
5210-0100-10	LED marker lamp, red LED/lens, grmt mt.	.05
5210-0100-20	LED marker lamp, amber LED/lens, grmt mt.	.05
5210-0100-30	LED marker lamp, clear LED/lens, grmt mt.	.02
5210-0100-40	LED marker lamp, blue LED/lens, grmt mt.	.02
5210-0100-70	LED marker lamp, green LED/lens, grmt mt.	.02
5211-0100-10	LED marker lamp, red LED, clear lens, grmt mt.	.05
5211-0100-20	LED marker lamp, amber LED, clear lens, grmt mt.	.05
5211-0100-40	LED marker lamp, blue LED, clear lens, grmt mt.	.02
5211-0100-70	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.	Description	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 used 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.	Description	Amp Draw 12V
9186-23882-30	Stepwell & utility, #906 bulb, clear	0.69
0J10-0393-00	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.	Description	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 for water level indicator
- Low amp draw

Order Nos.	Description	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

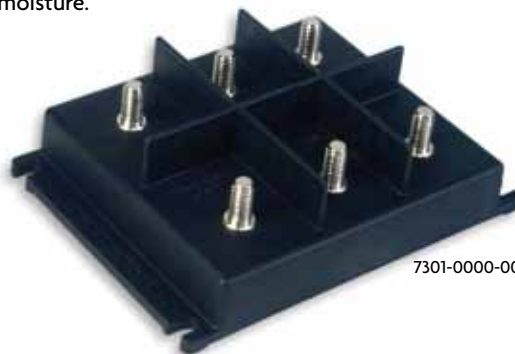


7301 Series, Ambulance Flasher

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

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



7301-0000-00

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

Order Nos.	Description
7701-0000-00	LED controller



7701-000-00
Trademark Registration No. 2,562,962

7400 Series, Strobe Power Systems

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.	Description
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
7414-0090-00	Strobe pack, 4-channel 90w



7404-0060-00





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)
- Diamondback combination warning/scene available. See page 83
- 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, 3"X7", 8 element	.92	.45
V46S	Diamondback LED scene, 4"X6", 8 element	.92	.45
V79S	Diamondback LED scene, 7"X9", 16 element	1.84	.96

Bezel kits available separately

Bezel Kits Part Numbers

Order Nos.	Description
OB80-2335-00	Chrome bezel kit for 3"X7" Diamondback
OB80-2336-00	Chrome bezel kit for 4"X6" Diamondback
OB80-2337-00	Chrome bezel kit for 7"X9" Diamondback
OC20-2170-30	V37 replacement cover lens, clear
OC20-2177-30	V46 replacement cover lens, clear
OC20-2184-30	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*
OE93-1571-00	Repl. bulb/adaptor assy	

*after bulb warm up



3800, 4600, 7800 Series Halogen Scene Lamps

Weldon's Halogen Scene lights 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.

Order Nos.	Description	Amp Draw 12 V	CTN
3811-0000-33	3" x 7" Halogen, #886, panel mount, clear	3.9	6
3812-0000-33	3" x 7" Halogen, #886, bezel mount, clear	3.9	6
4611-0000-33	4" x 6" Halogen, #886, panel mount, clear	3.9	6
4612-0000-33	4" x 6" Halogen, #886, bezel mount, clear	3.9	6
7811-0000-33	7" x 9" Halogen, #886, panel mount, clear	3.9	6
7812-0000-33	7" x 9" Halogen, #886, bezel mount, clear	3.9	6

Order Nos.	Service Parts for 3800, 4600, 7800 Series & HID Scene Lamps	CTN
OC90-0350-33	Repl. lens/refl assy, clear, scene/backup, for 4600	6
OC90-1028-33	Repl. lens/refl assy, clear, scene/backup, for 3800	6
OC90-1138-33	Repl. lens/refl assy, sf-scene, for 7800	6
OD30-0377-00	Repl. mounting pad, 4600, bezel	6
OD30-0385-00	Repl. mounting pad, 4600, panel	6
OD30-1026-00	Repl. mounting pad, 3800, bezel	6
OD30-1027-00	Repl. mounting pad, 3800, panel	6
OD30-1136-00	Repl. mounting pad, 7800, bezel	6
OD30-1137-00	Repl. mounting pad, 7800, panel	6
OE22-1357-00	Repl. bulb: #886, halogen, right angle base, 100 cp @ 12.8 v, 3.9a	100
OK90-1806-00	Scene lamp socket/harness kit, 886 bulb	10
OD10-1025-00	Repl. gasket between lamp/bezel 3800	6
OD10-1024-00	Repl. gasket between lamp/bezel 4600	6
OD10-1035-00	Repl. gasket between lamp/bezel 7800	6



2010 Series, 7" x 8"

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

Order Nos.	Description	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: sealed beam, #4436, 35w	
9018-0031-00	Repl. bulb, sealed beam, #h7635, 50w	







SceneStar™ LED Scene Light

ELSS-14DC and ELSS-19DC



The new LED High Power Scene Light has been engineered to provide industry leading levels of light output with consistency and reliability. The SceneStar will continue to provide overall illumination even at elevated operating temperatures through optimized thermal management. Solid-state electronics ensure a lifetime of peak performance.

Available in **19,000 lumen** and **14,000 lumen** (economical, outstanding light output)

- Streamlined aesthetics in a compact design
- No ultraviolet light to attract insects during nighttime operation
- Standard color is white; black optional (note: handles and heat sink always black)
- 5 year warranty
- Serviceable construction (Sustainable LED technology)
- CE and UL® ratings pending
- DC version available Summer 2011



SceneStar™

Mounting Options:

- Tripod
- Pole
- Portable
- Recessed
- Brow
- Fixed
- Under Aerial

No UV light, doesn't attract bugs

Designed for Long LED life (50,000+ hrs.)

Low heat

Rugged design to withstand all environments

Optimized heat sinks with protective cover

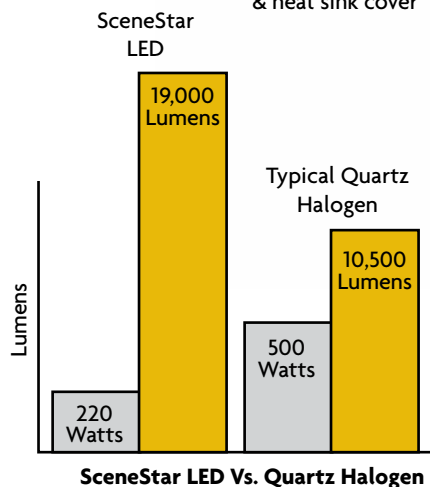
Engineered reflector for optimum light output

Instant On/Off

High impact, UV resistant handles & heat sink cover

Durable Powder Coated and anodized aluminum with stainless steel hardware

Shatter proof, hard coated polycarbonate lens





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
SceneStar**** 	ELSS-14DC	150	10-36 V DC	12 (12 V DC) 6 (24 V AC)	14,000	14" W x 4 1/4" H x 5.6" D (356 x 108 x 142 mm)
	ELSS-19DC	220	10-36 V DC	18 (12 V DC) 9 (24 V AC)	19,000	
Night Breaker** 	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	5,400	
	5500	500	120 AC/240 AC	4.5/2.3	10,500	
	5750	750	120 AC	7	21,000	
Low Profile Beta ** 	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	
	4650***	650	120 AC	5.4	25,200	
	4500	500	120 AC/240 AC	4.5/2.3	10,500	
	4750***	750	120 AC	7	21,000	
Stonco ** 	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	
	500	500	120 AC/240 AC	4.5/2.3	10,500	
North Star 	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 AC/240 AC	4.5/2.3	10,500	
	650	650	120 AC	6.5	25,000	
	750	750	120 AC	7	21,000	

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

**Highly Polished Specular Hammettone Reflector.

*** Not CE approved

****UL rating pending



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	
(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	

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

**Highly Polished Specular Hammertone Reflector.



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 12V 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 (110V)
- Meets NFPA requirements
- Triangle base for added stability

Additional Options

Option	Photo	Description
PLMT	 PL Series Light Base	PL-Light Mounting Bracket



E-500-PL
Portable light with Stonco
light head



E-4750-PL
Portable light with Beta
light head

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 12V applications)
- Can be used while mounted as a pull-up light

Additional Options

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



PL-POLE-MT
PL-Series Light mounted
on the Extenda-POD

E-4750-POD
Extenda-POD with
Beta light head



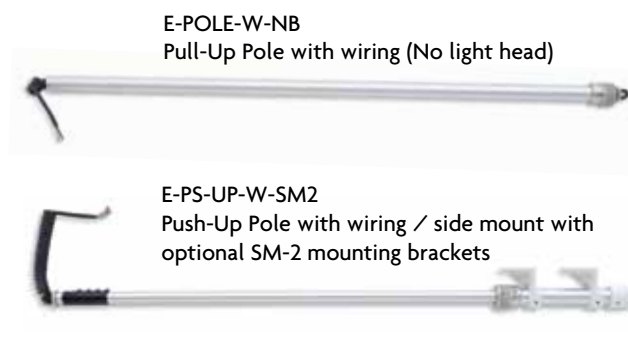
Extenda-Lite® Pull-Up & Locking Collar



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 120-121 for EXTENDA-LITE MOUNTING BRACKETS & additional options



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



Extenda-Lite® Air Operated & Manual Mast

Extenda-Lite® Air Operated Poles (AO)

This pneumatically raised telescoping pole has been 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 120-121 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



AO-1
Air Control Box



E-1500-AO-SM
Includes Air control Box

Manual Mast

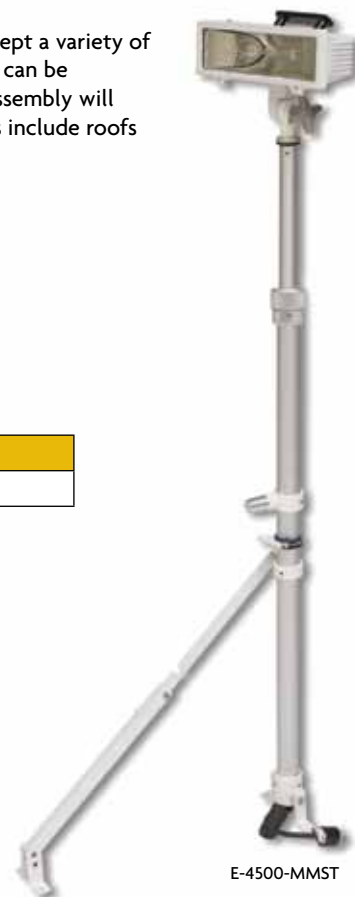
This collapsible pole assembly is designed to be folded away into the stored position. It will accept a variety of light heads, strobes, or even an antenna. The Manual Mast has a footprint of just 7.5" by 42" and can be permanently mounted on a flat surface. With no internal space required for storage, 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



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

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	POD-Bracket	3 Piece Tripod Mounting System 1"
500/220*	TM	Pull-Up w/ Top Mount Brackets	POD-Bracket-Long	3 Piece Tripod Mounting System 3"
650**	EX	Pull-Up w/ Extrusion Mount Brackets	SC	Stop Collar
750**	NB	Pull-Up w/ No Brackets	WO	Wire out the top
1000/110	PS-SM2	Push-Up w/ 2" Side Mount Brackets	WG	Wire Guard
1000/220	PS-SM4	Push-Up w/ 4" Side Mount Brackets	SW	Switch for Light Head
1500/110	PS-TR	Push-Up w/ Thru Roof Mount Brackets	UI	Up Indicator Switch
1500/220	POLE-PL-SM2	Pull-Up w/ 2" Side Mount Brackets & Removeable PL Light	AO	Air Operated
12V1	POLE-PL-SM4	Pull-Up w/ 4" Side Mount Brackets & Removeable PL Light	KO	Knurled Outside Pole (Pull Up Only)
12V2	POLE-PL-FM	Pull-Up w/ Flush Mount Brackets & Removeable PL Light	PLMT	Portable Light Mounting Bracket
DM	POLE-PL-TM	Pull-Up w/ Top Mount Brackets & Removeable PL Light		
4150	POLE-PL-EX	Pull-Up w/ Extrusion Mount Brackets & Removeable PL Light		
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		
LSS-14DC	SB-SM2-PL	Swivel Base w/ 2" Side Mount Bracket & Removeable PL Light		
LSS-19DC	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 North 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® 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



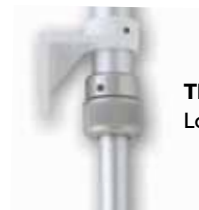
HC-4
Handle Cup for Push-Up
Lights with 4 1/4" Offset



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



PL-Pole-MT
PL-Series Light mounted
on the Extenda-POD



SW *
Switch for Light Head
(Includes rubber boot)



WO
Wire Out the
Top of the Pole



KO
Knurled Outside Pole
(pull-up only)



UI
Up Indicator Switch



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



UI-PS
Up Indicator Switch
For Push-Up Light



UI-EX
Up indicator switch for
extrusion light



SC
Stop Collar (2 Pieces)
For Inside Pole

SC-171
Stop Collar (2 pieces)
for outside pole. Air
operated only.

* Comes Standard on all LUMAX models





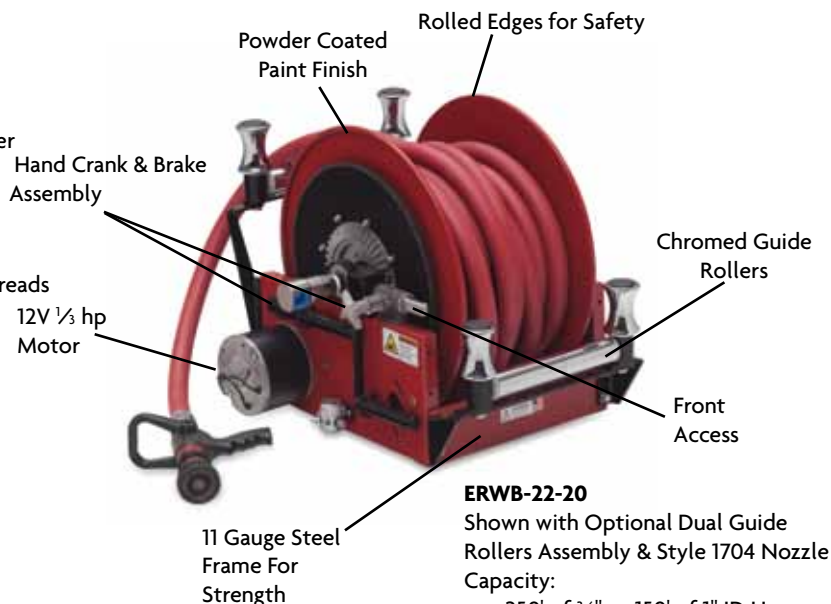
The Akron Brass Booster Reel is designed to be light weight and extremely durable. There are more options than ever as these reels are available in multiple sizes, and in both electric and manual rewind.

ERWB & MRWB

- Heavy-duty construction for durability
- All stainless steel hardware
- Powder coated finish, standard colors are red and silver
- Enclosed Hub
- Rolled edge discs
- Swept axle for reduced friction loss
- 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)
- 1500 PSI pressure rating
- Hand crank & brake
- Handles 3/4" and 1" Booster Hose

Additional Options:

- Chrome plated spools & rollers
- Control box with switch & breaker
- Control box with speed control
- 1/2 hp motor
- 1/3 hp motor
- 24V motor
- NPSH or BSP outlet threads
- Front access location options
 - 30°
 - Vertical
- Hose - See below



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



Boostlite® Forestry Hose

Akrone Brass is now offering a superior **lightweight**, heavy-duty fire hose. This hose works great for wildland brush fire truck attack hose, range control attack hose, and booster reel hose.

- Kink resistant, even at low pressures.
- Bend radius is less than 3.5" (8.9 cm) for a 3/4 inch (19mm) hose, and 4.5" (11.4 cm) for a 1 inch (25mm) hose.
- Non-Collapsible and fits standard Akron Brass hose reels.
- Heavy duty spun yarn construction.
- The lining process produces an amazingly thin but smooth inner waterway, yielding an extremely low friction loss for maximum flow.
- Standard Strobe Yellow Permatek™ HP treatment for greater visibility & abrasion resistance and also greatly reduces moisture absorption through the jacket.
- Resistant to most chemicals, petrol products, ozone & U.V. exposure, hydrolysis, and rot & mildew.
- Temperature range of -60° F to 140° F (- 50° C to 60° C).



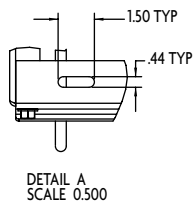
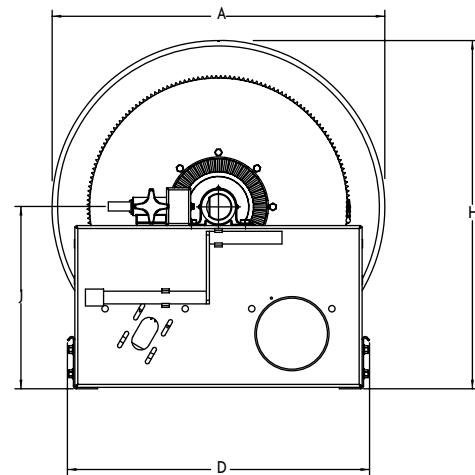
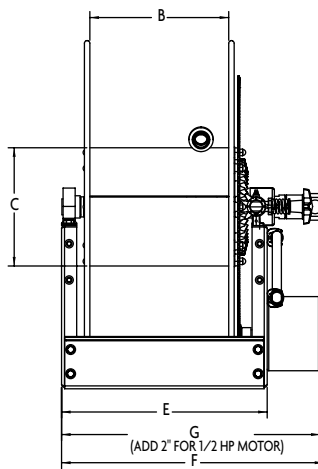
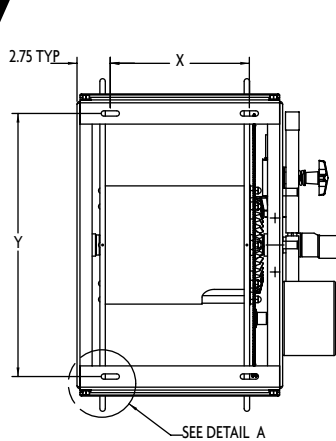
Forestry



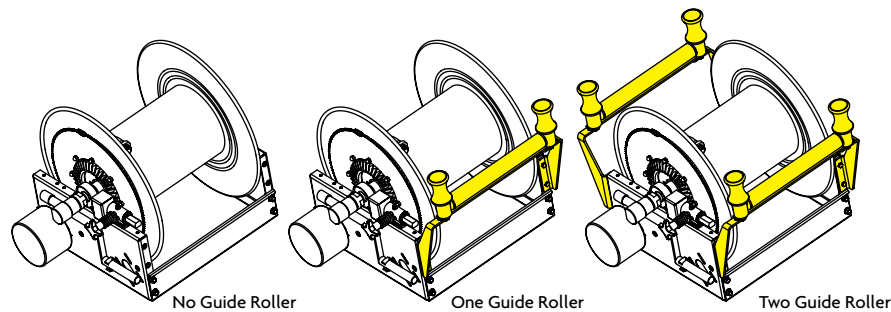
Booster 1" Standard Booster Hose also available.

Hose Type	ID	Operating Pressure (psi)	Burst Pressure (psi)	Weight (lb/foot)	Color	Lengths	Hose Fittings
Forestry	1"	800	2000	.193 w/o couplings	Yellow	50', 100', 150', & 200' (lengths over 100' are spliced)	NST or NPSH aluminum couplings (rocker lug or pin hole)
Booster 1"	3/4" or 1"	800	3200	3/4" = 4.2 1" = 5.8	Red	50', 100', 150', & 200' 60m & 90m	NST or BSP aluminum couplings (metric hoses have brass NST)

Booster Reels



Booster Reel Options



MODEL	HOSE CAPACITY		A	B	C	D	E	F	G	H	J	X	Y
	3/4" (19mm)	1" (25mm)											
ERWB-16-24	125' (38m)	75' (23m)	16.00 (406)	24 (610)	8.00 (203)	17.50 (445)	29.83 (758)	34.54 (877)	34.15 (867)	17.57 (446)	9.30 (236)	24.00 (610)	14.25 (362)
ERWB-16-28	150' (46m)	100' (31m)	16.00 (406)	28 (711)	8.00 (203)	17.50 (445)	33.83 (859)	38.54 (979)	38.15 (969)	17.57 (446)	9.30 (236)	28.00 (711)	14.25 (362)
ERWB-22-11	125' (38m)	75' (23m)	22.00 (559)	11.50 (292)	10.00 (254)	21.00 (533)	17.00 (432)	21.68 (551)	21.38 (543)	22.41 (569)	11.45 (291)	11.50 (292)	17.75 (451)
ERWB-22-15	175' (54m)	100' (31m)	22.00 (559)	15.50 (394)	10.00 (254)	21.00 (533)	21.00 (533)	25.68 (652)	25.38 (645)	22.41 (569)	11.45 (291)	15.50 (394)	17.75 (451)
ERWB-22-20	225' (69m)	150' (46m)	22.00 (559)	20.00 (508)	10.00 (254)	21.00 (533)	25.50 (648)	30.18 (767)	29.88 (759)	22.41 (569)	11.45 (291)	20.00 (508)	17.75 (451)
ERWB-22-24	300' (92m)	200' (61m)	22.00 (559)	24.00 (610)	8.00 (203)	21.00 (533)	29.85 (758)	34.31 (871)	34.23 (870)	22.41 (569)	11.45 (291)	24.00 (610)	17.75 (451)
ERWB-22-28	350' (107m)	225' (69m)	22.00 (559)	28.00 (711)	8.00 (203)	21.00 3 (533)	3.85 (860)	38.31 (973)	38.23 2 (971)	2.41 (569)	11.45 (291)	28.00 (711)	17.75 (451)
ERWB-24-11	150' (46m)	100' (31m)	24.00 (610)	11.50 (292)	10.00 (254)	25.00 (635)	17.00 (432)	21.68 (551)	21.38 (543)	27.04 (687)	15.08 (383)	11.50 (292)	21.75 (553)
ERWB-24-15	225' (69m)	125' (38m)	24.00 (610)	15.50 (394)	10.00 (254)	25.00 (635)	21.00 (533)	25.68 (652)	25.38 (645)	27.04 (687)	15.08 (383)	15.50 (394)	21.75 (553)
ERWB-24-20	300' (92m)	175' (54m)	24.00 (610)	20.00 (508)	10.00 (254)	25.00 (635)	25.50 (648)	30.18 (767)	29.88 (759)	27.04 (687)	15.08 (383)	20.00 (508)	21.75 (553)
ERWB-27-11	225' (69m)	150' (46m)	27.50 (699)	11.50 (292)	10.00 (254)	25.00 (635)	17.00 (432)	21.68 (551)	21.38 (543)	28.79 (731)	15.08 (383)	11.50 (292)	21.75 (553)
ERWB-27-15	300' (92m)	200' (61m)	27.50 (699)	15.50 (394)	10.00 (254)	25.00 (635)	21.00 (533)	25.68 (652)	25.38 (645)	28.79 (731)	15.08 (383)	15.50 (394)	21.75 (553)
ERWB-27-20	400' (122m)	250' (77m)	27.50 (699)	20.00 (508)	10.00 (254)	25.00 (635)	25.50 (648)	30.18 (767)	29.88 (759)	28.79 (731)	15.08 (383)	20.00 (508)	21.75 (553)
ERWB-29-11	250' (77m)	175' (54m)	29.00 (737)	11.50 (292)	10.00 (254)	25.00 (635)	17.00 (432)	21.68 (551)	21.38 (543)	29.54 (750)	15.08 (383)	11.50 (292)	21.75 (553)
ERWB-29-15	350' (107m)	225' (69m)	29.00 (737)	15.50 (394)	10.00 (254)	25.00 (635)	21.00 (533)	25.68 (652)	25.38 (645)	29.54 (750)	15.08 (383)	15.50 (394)	21.75 (553)
ERWB-29-20	450' (138m)	300' (92m)	29.00 (737)	20.00 (508)	10.00 (254)	25.00 (635)	25.50 (648)	30.18 (767)	29.88 (759)	29.54 (750)	15.08 (383)	20.00 (508)	21.75 (553)

NOTES:

1. When installing guide rollers ERWB-GR, Add 4-1/2" to "D" dimension.
2. The "G" dimension is for 1/3 HP motors. Add 2" for 1/2 HP motors. Reels handling 200' or more must use 1/2 HP motor.
3. Reels can be supplied with 1/3 HP And 1/2 HP motors in 12V or 24V.
4. A flexible connector must be used between the inlet pipe and the inlet swivel joint.
5. For manual rewind reels, use prefix "MRWB" in place of "ERWB".
6. Additional configurations are available upon request.

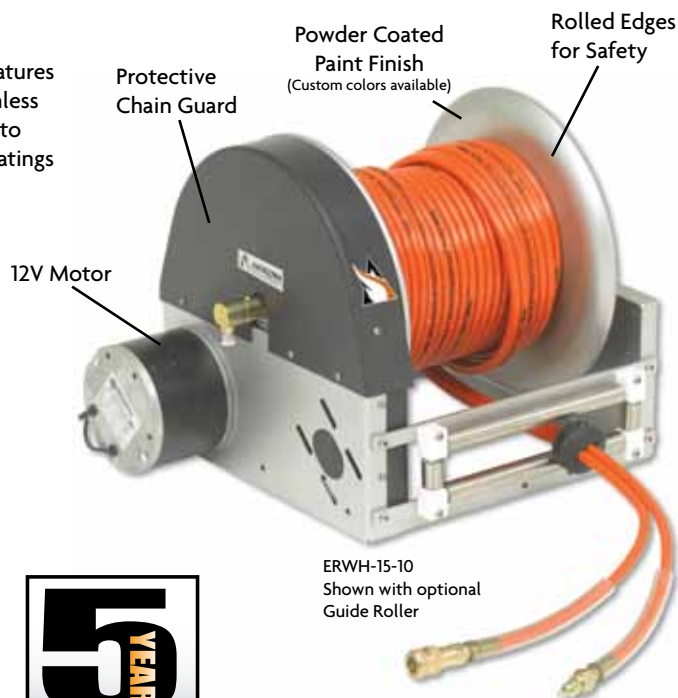


Electric Rewind Hydraulic Reel

ERWH-15-10, ERWH-16-6, ERWH-10-16

The Electric Rewind Hydraulic Reel (ERWH) has many of the same features and durability as all Akron Reels such as a powder coated finish, stainless steel hardware and ease with installation. This reel comes 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
- 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: 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



ERWH-15-10
Shown with optional
Guide Roller

See Page 199 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

Twin Hose Options

- Acceptable for use with phosphate ester hydraulic fluid

*Single line lead-in hose available (need 2)

Hydraulic Twinline Hose	ID	Operating Pressure (psi)	Burst Pressure (psi)	Colors Available	Lengths	Hose Fittings *
5,000 psi	1/4"	5,000	20,000	Orange Blue Green Yellow	50' & 100'	#4 Female JIC swivel x #6 Male O-Ring BOSS
10,000 psi	1/4"	10,000	40,000	Orange Black Blue Red	100'	#4 Female JIC swivel x #6 Male O-Ring BOSS or #4 Female JIC swivel x 1/4 Male BSP thread

* Quick connect couplers available - call for availability



Electric Rewind Air Reel

ERWU-15-10; ERWU-10-16; ERWU-16-6;
ERWBA-15-10; ERWBA-10-16; ERWBA-16-6

The Electric Rewind Air Reels have many of the same features and durability as all Akron Reels. These include a powder coated finish, stainless steel hardware and ease with installation. There are two versions: the utility air reel (ERWU) for air tools (300 PSI), and breathing air (ERWBA) reels that work with both low pressure (3000 psi) and high (6,000 psi).

- Heavy-duty construction for durability
- All stainless steel hardware and rollers
- Powder coated finish, standard colors are red and silver
- 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



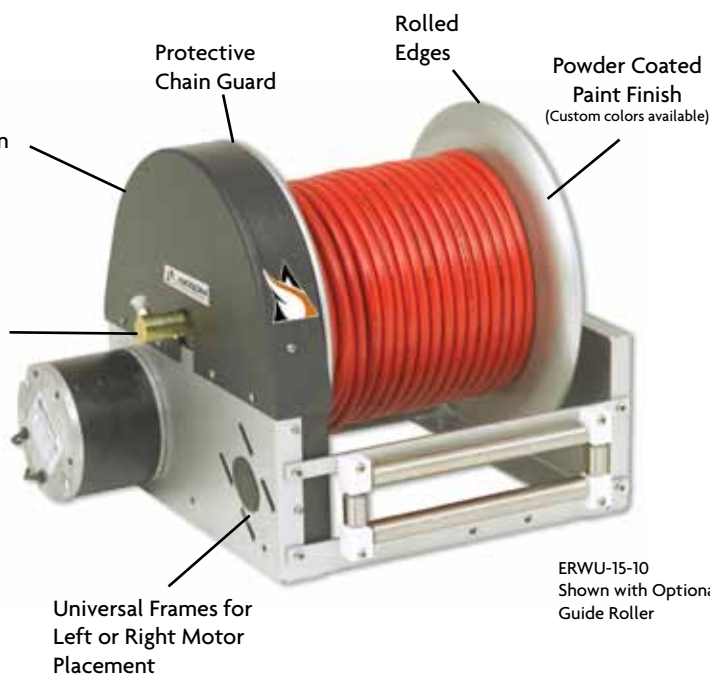
See Page 199 for Cord Reel
Dimensions & Options

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
ERWBA-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
ERWBA-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
ERWBA-10-16	6000	Up to 150' of 1/4" ID	NO	YES

* Tested at a 2:1 safety factor

** Allows for 10% overage of hose capacity

Hub Assembly Can Be
Removed Leaving 16 lbs.
Frame for Easy Installation



Rolled
Edges

Powder Coated
Paint Finish
(Custom colors available)

Protective
Chain Guard

90° Swivel Inlet

Universal Frames for
Left or Right Motor
Placement

ERWU-15-10
Shown with Optional
Guide Roller

Air Hose

300 PSI "Utility Air" hose

ID: 3/8" & 1/2"

Working pressure 300 PSI

Colors available: Red

Lengths available: 100', 150', & 200' (Custom lengths available, call for quote)

Fittings on hose: 3/8" hose has 1/4" Male NPT fittings

1/2" hose has 1/4" x 3/8" Male NPT fittings



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 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:

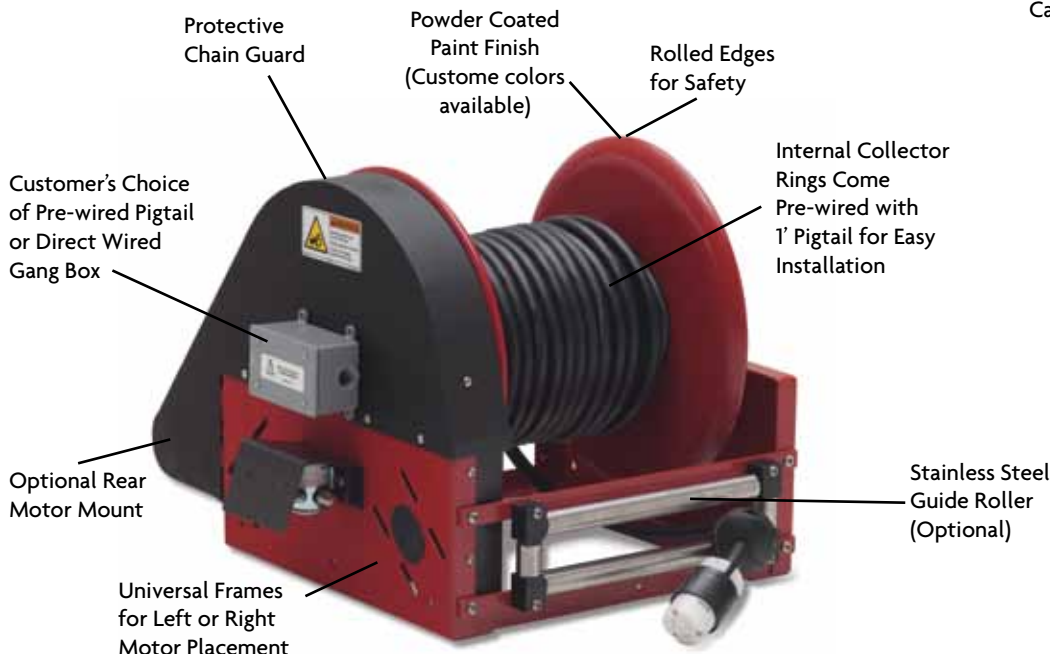
- Internally grounded
- Heavy-duty construction for durability
- All stainless steel hardware and rollers
- Powder coated finish, standard colors are red and silver
- Rolled edge discs
- Removable hub for ease of installation
 - Hub is easily removed to mount frame to apparatus
- Live slip ring design
- 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 199 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



Cord Reels

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



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.

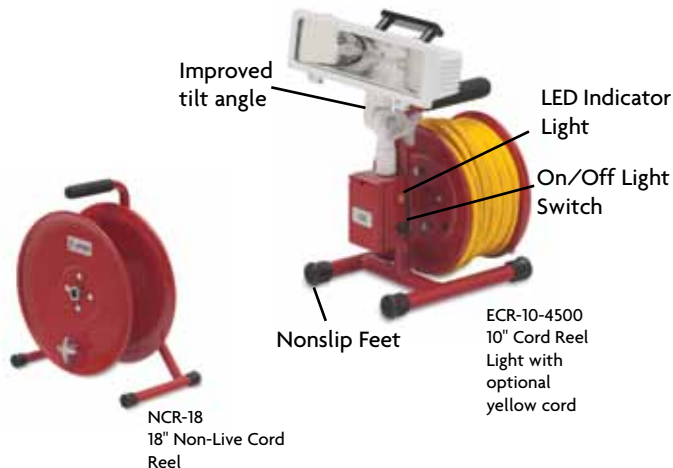
NCR-18, NCR-15, & NCR-10 are non-live cord reels providing excellent storage and organization of extension cords.

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.



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)







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



EJB-HANGER Junction Box Hanger

Junction Box ready for Direct Wiring

EJB-CUSTOM-CB Junction Box with 4 circuit breakers



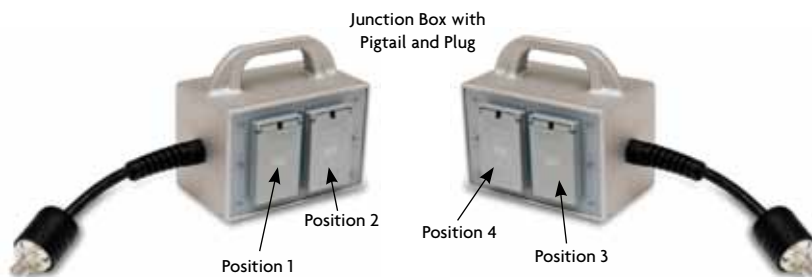
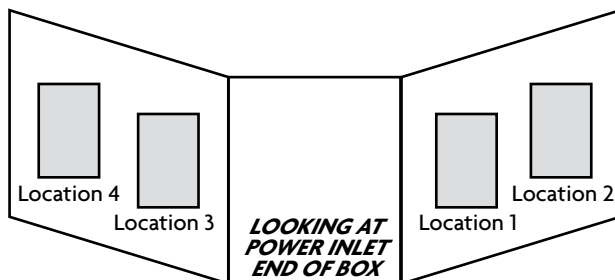
Junction Box with Pigtail and Plug

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 strain 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





Junction Box Ordering Information



Typical Junction Box Configuration

Flanged Inlet

NEMA Receptacles

Part Number	NEMA Inlet	Position 1	Position 2	Position 3	Position 4	Color
EJB1000	5-15P	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB1100	5-20P	5-20 DUPLEX	5-20 DUPLEX	5-20 DUPLEX	5-20 DUPLEX	SILVER
EJB1200	L5-15P	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB1300	L5-20P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-20 DUPLEX	5-20 DUPLEX	SILVER
EJB1400	L5-20P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB1500	L5-30P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB1600	L5-30P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB1700	L14-20P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	L5-15 DUPLEX	L5-15 DUPLEX	SILVER
EJB1800	L14-30P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	L5-15 DUPLEX	L5-15 DUPLEX	SILVER

12" pigtail inlet

NEMA Receptacles

Part Number	NEMA Inlet	Position 1	Position 2	Position 3	Position 4	Color
EJB2000	5-15P	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB2100	5-20P	5-20 DUPLEX	5-20 DUPLEX	5-20 DUPLEX	5-20 DUPLEX	SILVER
EJB2200	L5-15P	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB2300	L5-20P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-20 DUPLEX	5-20 DUPLEX	SILVER
EJB2400	L5-20P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB2500	L5-30P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB2600	L5-30P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB2700	L14-20P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	L5-15 DUPLEX	L5-15 DUPLEX	SILVER
EJB2800	L14-30P	L5-20 TWIST LOCK	L5-20 TWIST LOCK	L5-15 DUPLEX	L5-15 DUPLEX	SILVER

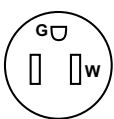
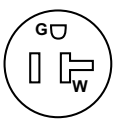
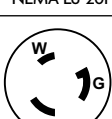
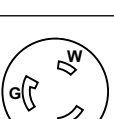
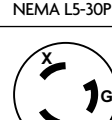
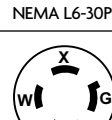
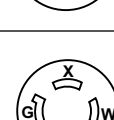
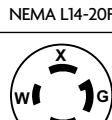
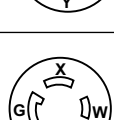
Direct Wire Ready

NEMA Receptacles

Part Number	Inlet	Position 1	Position 2	Position 3	Position 4	Color
EJB3000	HARD WIRED	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB3100	HARD WIRED	5-20 DUPLEX	5-20 DUPLEX	5-20 DUPLEX	5-20 DUPLEX	SILVER
EJB3200	HARD WIRED - 4 WIRE	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB3300	HARD WIRED	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-20 DUPLEX	5-20 DUPLEX	SILVER
EJB3400	HARD WIRED	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB3500	HARD WIRED - 4 WIRE	L5-20 TWIST LOCK	L5-20 TWIST LOCK	5-15 DUPLEX	5-15 DUPLEX	SILVER
EJB3700	HARD WIRED	L5-20 TWIST LOCK	L5-20 TWIST LOCK	L5-15 DUPLEX	L5-15 DUPLEX	SILVER



Plugs & Connectors

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





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

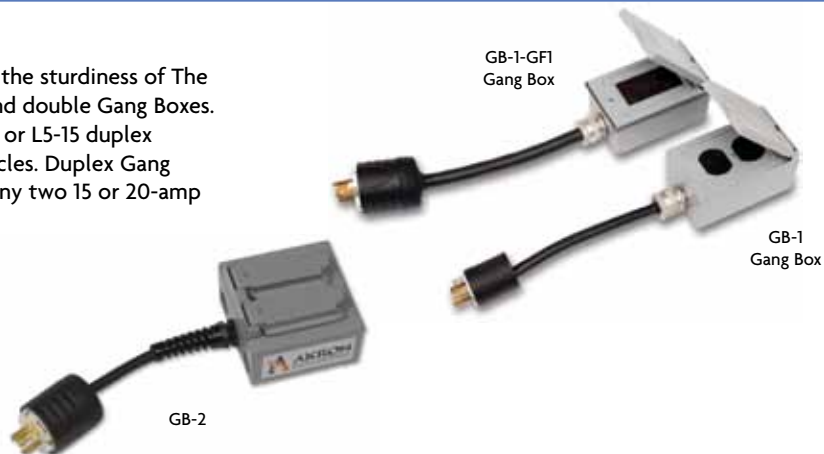
P/N	Wire Gauge	Voltage	Wire Type	Normal Od	Wt. Per 100'	Color
143B300	14/3	300	SJEOW	.370 (9 mm)	8#	Black
123B300	12/3	300	SJEOW	.435 (11 mm)	12#	Black
103B300	10/3	300	SJEOW	.580 (15 mm)	20#	Black
143B600	14/3	600	SEOW	.525 (13 mm)	14#	Black
123B600	12/3	600	SEOW	.595 (15 mm)	19#	Black
103B600	10/3	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.)





Honda Generators

Honda EU Series Generators: Honda EU generators represent the leading edge of portable power technology. Honda generators are the most trusted generators in the world because of their reliable, fuel efficient, quiet, and consistent delivery of power.

- Honda Inverter Technology: operates the most sensitive electronics
- Eco-Throttle System: for excellent fuel economy and quiet operation
- Electronic Ignition
- Oil Alert: Protecting your generator from devastating low oil conditions
- USDA-qualified spark arrestor/muffler

Style	Max Wattage	Running Wattage	HP	Dimensions	Dry Weight
EU1000i	1000W	900W	1.8 HP	17.7" x 9.4" x 15.0"	29 lbs
EU1000i-CA	1000W	900W	1.8 HP	17.7" x 9.4" x 15.0"	29 lbs
EU2000i	2000W	1600W	2.5 HP	20.1" x 11.4" x 16.7"	46.3 lbs
EU2000i-CA	2000W	1600W	2.5 HP	20.1" x 11.4" x 16.7"	46.3 lbs
EU3000iS	3000W	2800W	6.5 HP	25.8" x 18.9" x 22.4"	134 lbs
EU6500iS	6500W	5500W	13 HP	33.5" x 26.4" x 27.5"	253 lbs



EU6500iS



EU1000i



EU2000i



EU3000iS

Honda EM Series Generators

Honda EM Series Generators have a heavy-duty frame for added protection, voltage regulation for continuous stable power, wide handles for easy transporting, wheel kit and electric start. Honda generators are the most trusted generators in the world because of their reliable, fuel efficient, quiet, and consistent delivery of power.

- Honda Inverter Technology: operates the most sensitive electronics
- Eco-Throttle System: for excellent fuel economy and quiet operation
- Electronic Ignition
- Oil Alert: Protecting your generator from devastating low oil conditions
- USDA-qualified spark arrestor/muffler

Style	Max Wattage	Running Wattage	HP	Dimensions	Dry Weight
EM5000iS	5000W	4500W	11 HP	31.9" x 26.4" x 27.2"	217 lbs



EM5000iS



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 for use on
Yamaha generators



HK-500-LKi



HG2-1500i
Generator light kit with
EU2000 Honda generator
and Stonco light head



YK-4750-LKi



YG-4750i
Generator light kit for
use with Yamaha
1000W generators





Akron® Brass continues to offer a wide variety of valves to meet the demands of today's fire service. Akron's legendary Swing-Out valve has been **further enhanced** with the introduction of a **single valve body** that will accept a variety of actuators. This one piece design gives you the flexibility to change from a manual to an electric actuated valve without removing the valve from the plumbing.

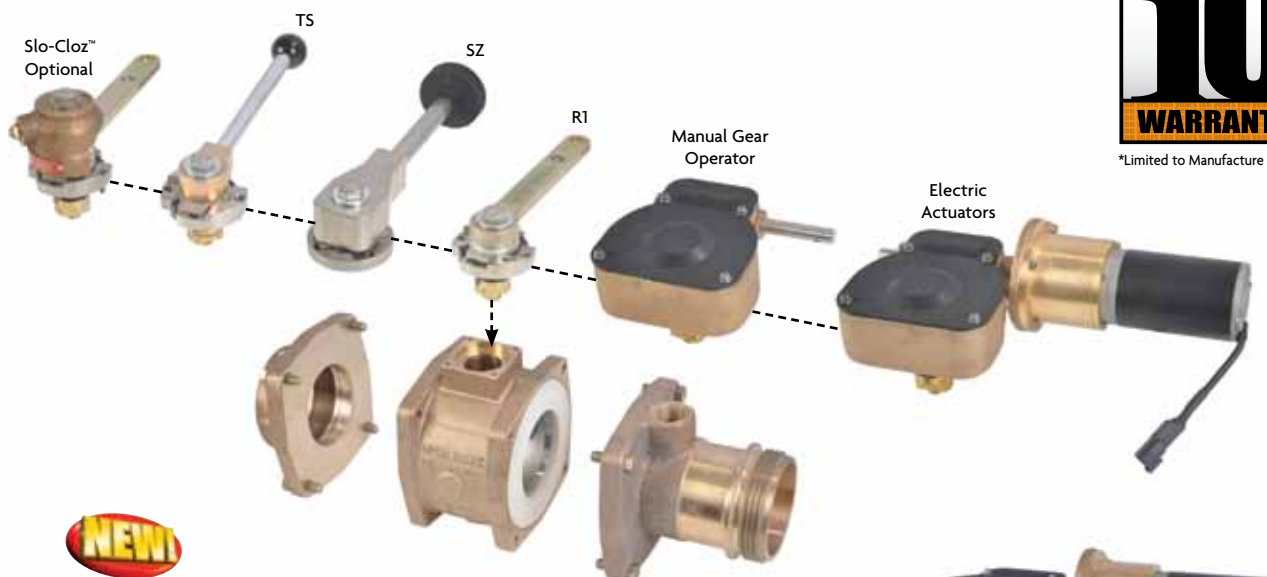
All Swing-Out Valves are designed for operating pressures to 250 psi (17 bar) and meet the NFPA 1901 Standard for valve opening and closing speed control when operated with a gear actuator, electric actuator or Slo-Cloz™.

In addition, every valve is factory tested in accordance with current NFPA Standards.

HEAVY-DUTY VALVES



*Limited to Manufacture Defects



Generation II Swing-Out™ Valve*

- Available on swing-out valve styles (7600, 7800, 8600, 8800)
- Accommodates R1, TS, TSC, SZ, manual gear operators and electric actuators
- Available in 2" thru 3 ½" sizes
- Provides unprecedented flexibility and convenience in original installations
- Drop in replacement for our current valves

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 ½" sizes
- 90° handle travel
- 316 stainless steel ball for longer valve life
- High quality brass body
- 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 178-185)
- 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

* Refer to Valve Guide on page 158 for ordering information



Style 8625
with Electric
Actuator



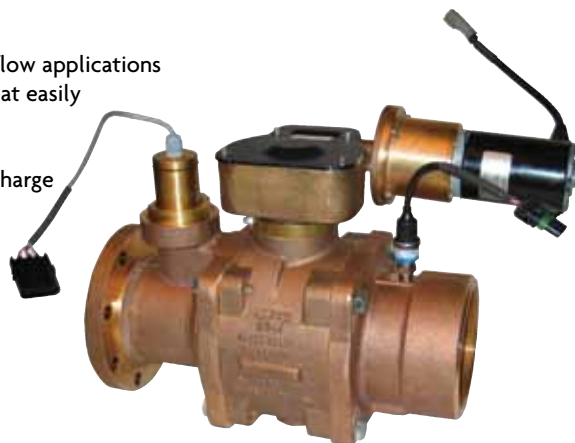
Style 7825
with R-1 Handle



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 172-173)
- 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 178-185)



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

7840 4" 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 3/4 lbs.

Adapter Options:

MES1-S 90° Elbow

PI-S Female NPT

M1-S Male

F1-S Female Swivel

F1-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 One Touch
- 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 only
- Valve operation with flow only
- Pressure and flow only



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 One Touch
- 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 (4" - 8") - 64:1
 - Works with Weco & Keystone Butterfly Valves
- Manual override

See page 142 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
- 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

	Air Actuator		Handwheel Actuator			Rack & Sector		Slo-Cloz™		Electric	
Size	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)



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

Optional Ball Joint Assembly shown on an R-1 Handle



Male or female swivel joint

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

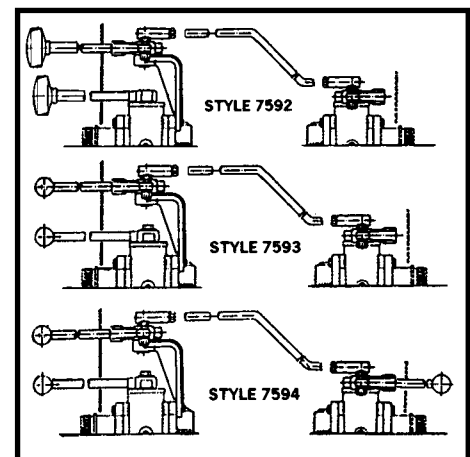
7593 Piggy-Back Remote Control

- 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

* Can not be used with Slo-Cloz



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, Butterfly & Relief Valves

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
 - $\frac{3}{4}$ " NPT threads
 - Weight: $1\frac{1}{2}$ lbs.
- 4 Drainit Drain Valve**
- Small, compact drain valve
 - $\frac{3}{4}$ " NPT male thread
 - Opening equivalent to $\frac{3}{8}$ " diameter hole
 - Length: $2\frac{1}{4}$ "
 - Weight: 10 oz.
- 7 $\frac{3}{4}$ " 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
 - $\frac{3}{4}$ " NPT female inlet and outlet thread
 - Weight: $1\frac{1}{4}$ lbs.



Style 57

Style 4



Style 7

Butterfly Valves

Available in 4", 4 $\frac{1}{2}$ ", 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 7960

Butterfly Valve with Handwheel Actuator

Style	Size	Length	Weight lbs. (kg)
7940	4" (101 mm)	9 $\frac{1}{2}$ " (241 mm)	21 $\frac{1}{4}$ (9.6 kg)
7945	4 $\frac{1}{2}$ " * (114 mm)	9 $\frac{3}{4}$ " (248 mm)	27 $\frac{1}{4}$ (12.7 kg)
7950	5" (125 mm)	10" (254 mm)	28 $\frac{1}{2}$ (12.9 kg)
7960	6" (152 mm)	10" (254 mm)	35 $\frac{1}{2}$ (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 $\frac{3}{8}$ " or 4 $\frac{1}{2}$ " 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: $14\frac{3}{8}$ lbs.



Style 59

Black Max™ Piston Intake Valve



Black Max Piston Intake Valve

7980

Black Max Piston Intake Valve

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



*Limited to Manufacture Defect and Corrosion

Standard Features:

- Stainless steel piston housing
- Compact size - Extends only 11 15/16" from the pump panel
- 250 psi operating pressure
- Polymer Piston for improved corrosion resistance
- Large waterway with a cast-in turning vane for reduced turbulence and efficient flow
- Pressure relief valve adjustable from 50 - 250 psi (preset @ 150 psi)
- 53° elbow
- 3/4" air bleeder valve
- Storz cap and chain
- Air bleeder lines



The new and improved Black Max Piston Intake Valve offers ...

IMPROVED CORROSION RESISTANCE

The combination of the stainless steel piston housing, poly-impregnated body and polymer piston maximizes product life.

FIELD SERVICEABLE

A unique two piece design allows the piston intake valve to be field serviceable.

EXTENDED DURABILITY

Akron stands behind the Black Max by providing a full 10 Year warranty against manufacturing defects and corrosion.

FULL FLOW

2000 gpm (7600 lpm) - Enlarged waterway for maximum flow efficiency.

LOW FRICTION LOSS

Only 7 PSI @ 2000 gpm (.5 bar @ 7600 lpm)



Style 7980

Valves

Style	Female Swivel Inlet	Outlet	Height	Depth	Width	Weight
7980	4", 5" or 6" (100, 125 or 150 mm) Storz* 4" or 5" (100 or 125) Full Time Storz Swivel 4", 4 1/2", 5" or 6" (100, 110, 125 or 150 mm) Male 4", 4 1/2" or 5" (100, 110 or 125 mm) Female	5" or 6" (125 or 150 mm) Rocker Lug or Long Handle**	18 7/8" (479.4 mm)	11 15/16" (303.2 mm)	9 9/16" (242.8 mm)	30 lbs. (13.6 kg)

* Cap and chain optional

** 6" only

Hydrant & Gate Valves

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

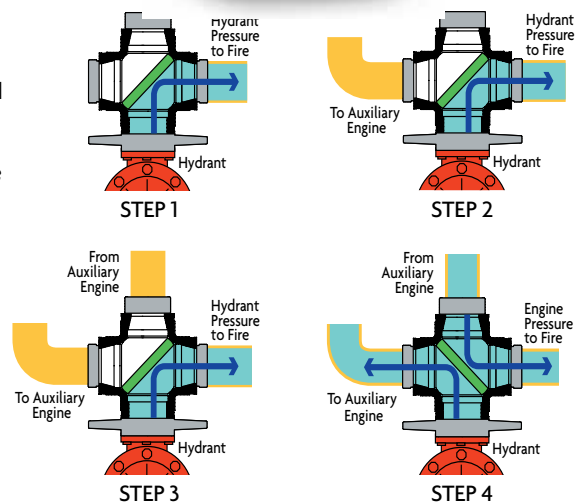
How It Works:

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 2286

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 5/8" (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)





Clappered Siamese

262 Clapper Valve Siamese

A brass Clapper Siamese with a leather carrying handle and $\frac{3}{4}$ " drain plug

266 Clapper Valve Siamese

A brass Clapper Siamese in sizes up to 6"

1256 3-Way Clapper Valve Siamese - Pyrolite®

Three $2\frac{1}{2}$ " female inlets x 4" to 6" male or female outlet. Includes Style 4 Dranit drain valve and rubber carrying handle
Optional Pressure Gauge

1262 Clapper Valve Siamese

A Pyrolite Clapper Siamese includes a Style 4 Dranit drain valve and a rubber carrying handle

1267 Clapper Valve Siamese

A Pyrolite Clapper Siamese includes a Style 4 Dranit drain valve and a rubber carrying handle

Style	Material	Length	Width	Weight lbs. (kg)	Inlet	Outlet
262	Brass	$7\frac{3}{4}$ " (197 mm)	9" (229 mm)	$14\frac{1}{2}$ (6.6 kg)	(2) $2\frac{1}{2}$ " F (65 mm)	$2\frac{1}{2}$ " or 3" M (65 or 75 mm)
266	Brass	8" (203 mm)	9" (229 mm)	$21\frac{1}{4}$ * (9.6 kg)	(2) $2\frac{1}{2}$ " F (65 mm)	3" - 6" F (75 -150 mm)
1256	Pyrolite	$12\frac{3}{4}$ " (323 mm)	$14\frac{3}{4}$ " (375 mm)	$15\frac{1}{2}$ (7 kg)	(3) $2\frac{1}{2}$ " (65 mm)	$2\frac{1}{2}$ " - 6" M or F (65-150 mm)
1262	Pyrolite	$8\frac{1}{2}$ " (216 mm)	$9\frac{3}{8}$ " (238 mm)	$7\frac{1}{4}$ (3.3 kg)	(2) $2\frac{1}{2}$ " F (65 mm)	$2\frac{1}{2}$ " or 3" M (65 or 75 mm)
1267	Pyrolite	$9\frac{3}{8}$ " (238 mm)	$9\frac{3}{8}$ " (238 mm)	$9\frac{1}{2}$ (4.3 kg)	(2) $2\frac{1}{2}$ " F (65 mm)	$2\frac{1}{2}$ " - 6" F, (65-150 mm) $3\frac{1}{2}$ " - 6" M, 4" or 5" Storz (89-150, 100 or 125 mm)

* Weight with $4\frac{1}{2}$ " (114 mm) outlet



Style 262



Style 266



Style 1262



Style 1256



Style 1267



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







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	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 (360 lpm) 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 (475 lpm) 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



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 (100 lpm) eductor operates at 80 psi (5.5 bar) inlet pressure. The eductor is preset at 2% and works with up to 1000' of hose. The 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. A shutoff valve is 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

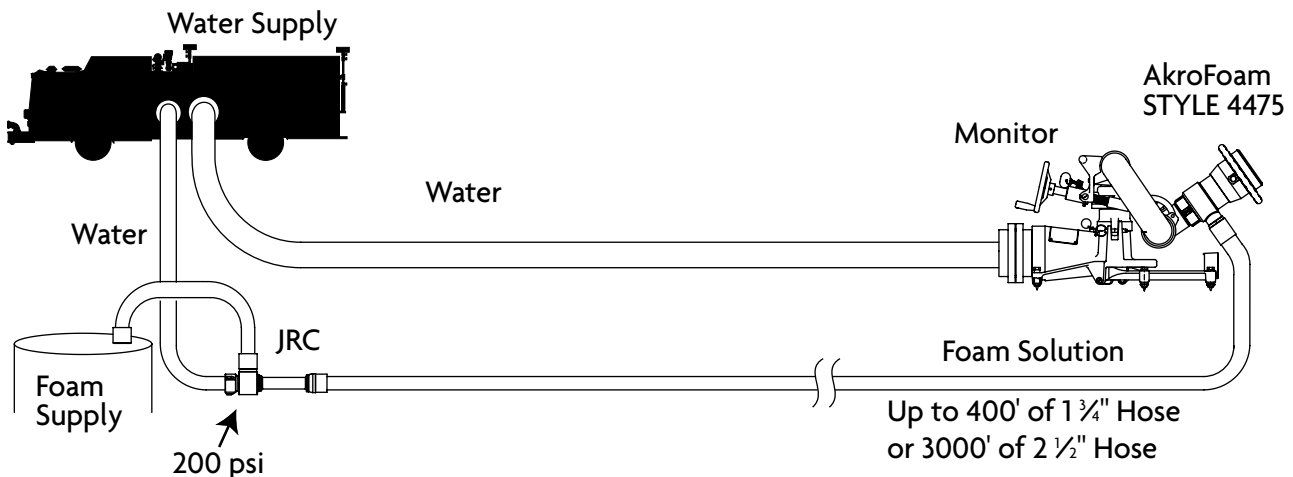
The Jet Ratio Controller (JRC) is designed to feed large volumes of foam from a safe location to a self-educating MasterStream nozzle. The JRC can deliver a 3% foam solution to a 1000 gpm (3800 lpm) nozzle at distances up to 400' away through 1 3/4" hose while operating at 200 psi (13.79 bar) inlet pressure. The Style 3030xJRC 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 (5 bar) 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



Style 3128

3128 Off-Truck Foam Access Kit

- Specify kit when ordering a Foam Truck System or order separately





Application Chart

Eductor Connected to a Pumper Discharge - 200 psi (13.79 bar) Inlet Pressure



Combination Nozzle

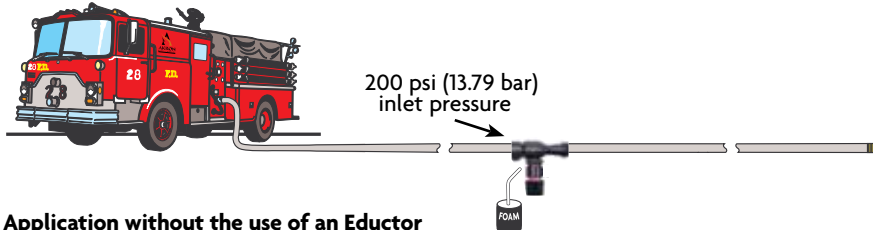


Combination Nozzle with Foam Tube



Foam Nozzle

Eductor Connected at a Point Between the Pumper and the Foam Nozzle



Combination Nozzle



Combination Nozzle with Foam Tube



Foam Nozzle

Foam Application without the use of an Eductor



100 psi (7 bar) inlet pressure



Foam Nozzle with Pick-up Tube

Foam Application with an Advantage™ Eductor/AkroFoam™



Place the Advantage Eductor between the monitor discharge and nozzle or place the AkronFoam on the monitor discharge. Place the pick-up hose in the foam supply.



Master Stream Foam Nozzle



Advantage Eductor



Constant Flow Master Stream Nozzle



AkroFoam™ Brass or Pyrolite®

General Instructions for Akron® Eductors

(Includes in-line, by-pass and built-in types of any flow size)

- Hose lay limits past the eductor must not be exceeded. (see chart at right)
- 200 psi (13.79 bar) must be maintained at the eductor inlet to obtain the proper mixture.
- 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.
- The nozzle must be fully open. A throttled nozzle can cause the system to shut down.
- Always flush both the eductor and nozzle thoroughly, for at least 3 minutes, after each use.

*Hose Lay Limit

GPM (LPM)	Up To 1% (Class A)				Hose Size			
	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 (13.79 bar) inlet pressure for maximum effectiveness. At 200 psi (13.79 bar), the mixture percentage will be as shown on the metering dial. Akron eductors can educt foam concentrate at pressures between 50 and 200 psi (13.79 bar). 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
- 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
BC-15	1 1/2" Bleeder Cap
BC-25	2 1/2" Bleeder Cap
BC-30	3" Bleeder Cap
BC-35	3 1/2" Bleeder Cap
BC-40	4" Bleeder Cap
BC-40S	4" Storz Bleeder Cap

Style	Description
BC-45	4 1/2" Bleeder Cap
BC-50	5" Bleeder Cap
BC-50S	5" Storz Bleeder Cap
BC-60	6" Bleeder Cap
BC-60S	6" 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 (100 bar) 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 (100 bar), 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 (135 bar)
- Large 4" diameter 2000 psi (135 bar) 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 (Must have tool box)



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	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

Style 2285
Hose Gate Valve





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 $\frac{3}{4}$ " to $2\frac{1}{2}$ " in $\frac{1}{8}$ " increments
- Standard with $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", 2", $2\frac{1}{4}$ " tips ($\frac{3}{4}$ ", 1", $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $2\frac{1}{2}$ " tips optional) - Must specify
- $3\frac{1}{2}$ " liquid filled 0-160 psi (0-1100 kPa) gauge
- Large, heavy duty carrying case (FK-230), $18\frac{3}{8}$ " W x $14\frac{1}{4}$ " D x 8" H
- $2\frac{1}{2}$ " female swivel
- Certified calibrated gauges
- Large diameter flow test tips available



FK-25



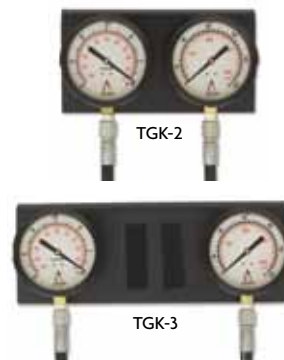
Apparatus Test Gauge Kit

TGK-2

- 36" test hoses, connect directly to underwriters test fittings (Style 44)
- $\pm 1\%$ accurate, $3\frac{1}{2}$ " diameter, freeze protected liquid filled gauges
- 0-30", .5Hg increment vacuum and 0-300, 5 psi (34 kPa) 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: $3\frac{1}{2}$ ", height: $1\frac{3}{8}$ ", weight: 8 oz.



Style 44

Line Gauges

- Designed to determine nozzle pressure and static pressure
- $3\frac{1}{2}$ " freeze protected liquid filled 0-160 psi (0-1100 kPa)

35

Line Gauge

- Ideal for use in high-rise packs
- Available in $2\frac{1}{2}$ " and 3" sizes
- $1\frac{1}{2}$ " diameter peanut gauge (0-300) with guard
- Grade B 3%-2%-3% accuracy
- $2\frac{1}{2}$ " weight: 2 lbs., length: 5"
- 3" weight: $2\frac{1}{2}$ lbs., length: $5\frac{1}{2}$ "
- Certified calibrated gauges
- Pyrolite® construction

Style	Description	
LG-15	$1\frac{1}{2}$ " (38 mm)	Line Gauge
LG-25	$2\frac{1}{2}$ " (65 mm)	Line Gauge
LG-30	3" (75 mm)	Line Gauge
LG-35	$3\frac{1}{2}$ " (89 mm)	Line Gauge
LG-40	4" (100 mm)	Line Gauge
LG-45	$4\frac{1}{2}$ " (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
- $3\frac{1}{2}$ " liquid filled 0-160 psi (0-1100 kPa) gauge, 2 psi (20 kPa) increments, $\pm 1\%$ accurate full scale
- Pyrolite construction

Style	Description
CG-15	$1\frac{1}{2}$ " (38 mm) NH Cap Gauge
CG-25	$2\frac{1}{2}$ " (65 mm) NH Cap Gauge
CG-30	3" (75 mm) NH Cap Gauge
CG-35	$3\frac{1}{2}$ " (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	$4\frac{1}{2}$ " (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	2 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

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 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 (4800 lpm) through 2 1/2" sensor body
- Width: 20 1/2", height: 17 1/2", depth: 8 1/2"
- Weight: 30 lbs.



Style 9301

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 fire fighter 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





When moments count, rely on Akron® Brass forcible entry tools to pry, puncture, strike and force your way through or around an obstruction. These tools are constructed of alloy steel providing superior durability and strength.



Tri-Bar™

TRI-30 and TRI-36

The Tri-Bar forcible entry tool is manufactured as a single piece drop forged bar made of heat treated alloy steel. This tool will not chip or break during a critical operation. Use the adze, pick or fork to quickly break many types of locked doors, punch through walls or shut off gas valves. The Tri-Bar offers three hammer surfaces to force your way through or around the obstruction. Combine Akron's flathead axe with the Tri-Bar for a complete set of irons.

- Multiple uses: Pry, twist, puncture, strike, gain purchase point, gas meter shutoff, vehicle extrication, vertical ventilation
- Drop forged from alloy steel
- Heat treated for added strength
- Powder coated finish
 - Black (Standard)
 - High visibility Orange
 - Silver
- Length: 30" and 36"
- Weight: 30" 10 lbs. , 36" 11 lbs.
- Made in U.S.A.
- Optional adjustable shoulder strap
- Optional marrying strap



Available in Orange



TRI-CS



TRI-MS

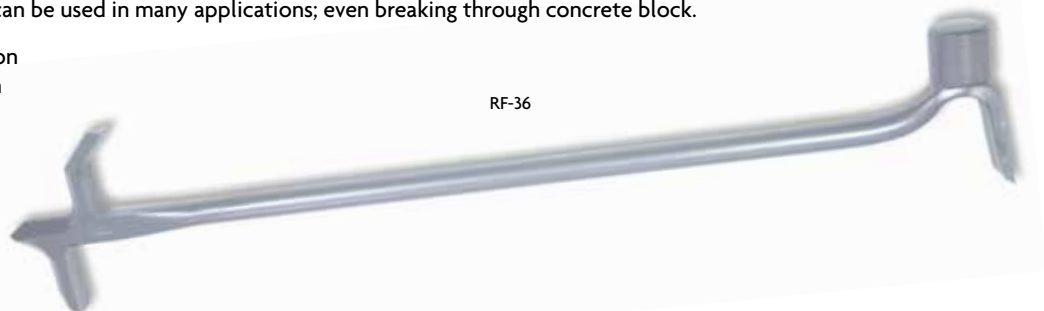


Rapid Force™

RF-36

The Rapid Force multiple purpose forcible entry tool can get you out of a dangerous situation fast. This innovative tool combines the utility of a pry-bar, sledge hammer, and multi-purpose hook into one easy-to-use tool. Constructed of forged alloy steel and heat treated for extra strength, this tool can be used in many applications; even breaking through concrete block.

- Solid one piece construction
- Powder Coated silver finish
- Sledge hammer features a machined striking face
- Balanced for easy swinging
- 3 tools in one
- Length: 36"
- Weight: 12 lbs.





Forcible Entry Tools

Roof Hook

Like all Akron Brass Tools, the Roof Hook is designed to perform reliably through the toughest use and abuse seen by today's firefighters. 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, sounding floors and roofs, venting windows, pulling ceiling, opening walls, and much more.

- Multi-purpose head and chisel are standard ARH tool
- Hollow steel shaft for extreme strength and lightweight application
- Industrial quality abrasive grips shipped loose for personalized placement
- Powder-coated finish for unparalleled corrosion resistance

Options:

- Colors- Black, yellow, red, green, white & silver
- Adjustable shoulder strap
- Hook options



Customize Your Roof Hook

Select one option from each column to build your Roof Hook part number.

	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	GRN = Green
	60"			WHT = White
	72"			SIL = Silver
	96"			

Example: **ARH** - **36** - **FC** - **___**

ARH-36-FC = 36" Roof Hook with Fulcrum Chisel Black
Length based on overall length of tool including head and foot.



Trooper Bar™

Style 50

The Trooper Bar is a truly multiple purpose utility bar. The unique gooseneck shaped design creates a high degree of leverage forcing your way through the obstruction. This maximizes prying force for quick entry.

- Solid one piece construction
- Zinc-plated
- Gooseneck design
- Length: 26"
- Weight: 8 1/2 lbs.



Style 50

Pinch Point Bars

Manufactured of high carbon steel with a single one piece construction, Akron's heavy duty Pinch Point Bars provide superior strength for prying, puncturing, digging, lifting and moving heavy objects.

- PPB-36** **36" Pinch point bar, 6 lbs.**
 • Lengths may vary, bars are sold by weight
- PPB-51** **51" Pinch point bar, 12 lbs.**
 • Lengths may vary, bars are sold by weight
- PPB-60** **60" Pinch point bar, 18 lbs.**
 • Lengths may vary, bars are sold by weight



PPB-36

Axes & Sledges

- PHY-6** 6 lbs. Pick head axe w/36" yellow fiberglass handle
- FHY-6** 6 lbs. Flat head axe w/36" yellow 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
- 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



WP-6



FSY-8



AS-510

PHY-6

FHY-6

AS-520

PHY-8



Pike Poles

Pike Poles

Akron® Brass Pike Poles are designed to perform reliably through the toughest use and abuse seen in the today's firefighting. The 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!

Akron offers the widest range of pike poles in the fire service today with 5 unique poles, 6 hooks and 4 handle options.

- Meshed fiberglass for added strength and durability
- Lengths of 3' to 16'
- Hooks assembled with heavy duty spring steel roll pins for durability and ease of maintenance. *Excludes I-B
- Available with a wide variety of hooks and handles
- High visibility fiberglass for low visibility environments



5 Pole Options



UT

Ultra-Tough (UT) Honeycombed core for superior strength and weight. 5 times as strong the Ultra-Lite and 2 times as strong as competitive offerings.
Diameter: 1 1/4"



UL

Ultra-Lite (UL) Lightweight, durable and easy to handle
Diameter: 1 1/4"



PP

Gripper (PP) Solid fiberglass in a unique oval shape
Dimensions: 3/4" x 1 1/8"



IB

I-Beam (IB) I-Beam shaped solid fiberglass for maximum strength and easy gripping
Dimensions: 1" x 1 3/8"



WR

Wood (WR) Traditional white ash wood poles available
Diameter: 1 3/8"



To maximize shipping cost or to add length to poles, we offer the Double Ultra-Lite (UL-DG) or Double Gripper (DG) with a metal sleeve, epoxy and steel spring roll pins to permanently assemble after shipment. This results in a 9' to 20' heavy duty pike pole that can be shipped by UPS.



6 Hook Options



USA Hook
Standard



Multi-Purpose
New York Style
(MP) Optional



Dry Wall Hook
(DWH) Optional



Shredder™
(SH) Optional



Rubbish Hook
(RH) Optional



3/4" Rubbish Hook
L.A. Trash & Vent
(LARH) Optional

4 Handle Options



Butt End
Standard



Ram Knob
(RK) Optional



D-Ring Handle
(D) Optional



**Heavy-Duty
D-Handle**
(HD) Optional

Customize Your Pike Pole

Select one option from each column to build your Pike Pole part number.

Pole		Length	Handle	Hook
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
IB	= I-Beam	8'	D90 = D-Handle 90° from Head	MP = Multipurpose w/Ram Knob
PP	= Gripper	10'	HD = Heavy-Duty D-Handle	D-MP = Multipurpose w/D-Handle
DG	= Double Gripper	12'		LARH = LA Trash & Vent
WR	= Wood	14'		SH = Shredder
		16'		

Example: UL - 14 - DWH

UL-14-DWH = 14' Ultra Lite Pike Pole with Drywall Hook



Adapt-a-Pole™

The Adapt-a-Pole delivers 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.

AP-VK ROOF KIT

Includes:

- 1- USA Hook 3' (AP-3-USA)
- 1- Rubbish / Ventilation Hook 3' (AP-3-RH)
- 1- D-Handle 3' (AP-3-DH)
- 1- Extension 3' (AP-3-EXT)

AP-SK SALVAGE KIT

Includes:

- 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-4-EXT 4' Extension
- AP-4-BG 4' Bumper Grip
- AP-BH Broom Head
- AP-SH Square Nose Shovel Head
- AP-SQ Squeegee
- AP-AS Scoop Shovel Head



Miscellaneous Tools

- S-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)





Pinch Point Bar Bracket

- PPBH**
- Pinch point bar holder set, spring loaded, raised mounting; chrome plated zinc.



Pike Pole Brackets

Pike Pole brackets are constructed of the finest materials and are designed for easy mounting.

- PPBK**
- Designed to fit the contour of any pike pole or handle
 - Ideal for mounting between $\frac{3}{4}$ " - $1\frac{1}{4}$ " in diameter handles
- PPBK-LG**
- Ideal for round or elliptical shaped handles 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 finish
 - Works great with "I-Beam" and "Ultra-Tough" pike poles
- HM-59**
- $1\frac{3}{8}$ - $1\frac{3}{4}$ " O.D. horizontal pole mount with gasket
 - Chrome finish
- VM-58**
- $1\frac{1}{8}$ - $1\frac{3}{8}$ " O.D. vertical pole mount with gasket
 - Chrome finish
 - Works great with "I-Beam" and "Ultra-Tough" pike poles
- VM-59**
- $1\frac{3}{8}$ - $1\frac{3}{4}$ " O.D. vertical pole mount with gasket
 - Chrome finish
- PPR-60**
- Pike pole ring with gasket
 - Chrome finish
 - Works well with all pike poles, excluding D-Handles



PPBK



PPBK-LG



HM-58



PPR-60



VM-59

Tool Brackets

These heavy-duty Tool Brackets have covered jaws for securing various tools.

- 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



Style 42



Style 40

Axe Mounting Brackets

- AS-510**
- Axe blade bracket for horizontal mounting; polished aluminum
- AS-520**
- Axe handle bracket; chrome plated zinc
- 511-SP**
- $\frac{1}{4}$ " 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



AS-550



P-APC



AS-510



AS-520



Wildland Fire Hand Tools

Akron® Brass Wildland Fire Hand Tools feature durable lightweight construction, superior cutting ability, exceptional tool balance and powerful grubbing performance. When working on a fire line, you can rely on the durability, workmanship and performance you have come to expect from Akron Brass.



McLeod Tool

The McLeod Tool is used to clear brush and debris as well as construct fire control lines. It is designed to break down easily for packing into the most remote locations.

FSS-MT

- Exceeds the Forest Service Specifications
- Combination of a rake and hoe
- 48" American Ash handle for strength and durability
- Enhanced ferrule joint for strength and durability
- Black enamel finish for excellent resistance to rust



FSS-MT

WR-MT-48

- 48" White Ash handle
- Blade is 3/16" thick for added strength
- Powder coated



WR-MT-48

UL-MT-48

- 48" Ultra-Lite fiberglass handle
- Blade is 3/16" thick for added strength
- Powder coated

Pulaski Axe

The Pulaski Axe is designed to cut through heavy brush and even small trees.

FSS-PL

- Exceeds the Forest Service Specifications
- Traditional 3.75 lb. axe blade with a mattock blade for grubbing
- 36" double bit American Hickory handle
- Hand sharpened forged steel head
- Black enamel body with edges coated in a clear lacquer
- Standard with a protective sheath



FSS-PL

WPL-4

- 36" American Hickory handle
- 3.75 lb axe with mattock blade
- Painted red



WPL-4

Combination Tool

FSS-CT

The pick/shovel combination head can be used as a shovel, pick or hoe. The FSS-CT tool is designed to construct fire lines, control burn operations, and construct or repair trails. Manufactured in accordance with the United States Department of Agriculture Forest Service Specifications.

- Exceeds the Forest Service Specifications
- Combination pick and shovel tool
- 42" American Ash handle to provide straight grain and durability
- Black enamel and phosphate finish for excellent resistance to rust



FSS-CT

SS-523-MP



Fire Rake

The Fire Rake is designed with four specially sharpened teeth allowing for ease of chopping, raking, cutting, and moving debris on any fire line. Manufactured in accordance with the United States Department of Agriculture Forest Service Specifications.

FSS-FR

- Exceeds the Forest Service Specifications
- 52" handle American Ash with long straight grain
- Triangular shaped teeth specially sharpened and hardened
- Red painted body and stainless steel teeth for excellent resistance to rust
- Designed for chopping, raking, and moving debris
- Easily broken down for storage and mobility

FR-12

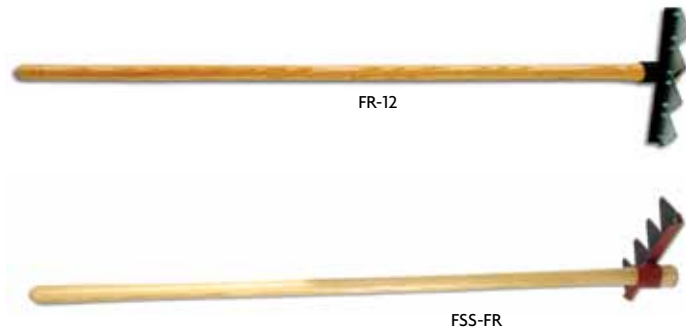
- 60" Ash handle
- 14" wide steel rake head
- Powder coated
- 4 blades bolted to head

FR-60F

- 60" solid fiberglass handle
- 14" wide steel rake head
- Powder coated
- 4 blades bolted to head

UL-FR-60F

- 60" Ultra-Lite handle
- 14" wide steel rake head
- Powder coated
- 4 blades bolted to head



Fire Beater

The Fire Beater is designed to knock down, smother, and extinguish a small grasslands or wildlands fire.

FB-15

- 60" Ash handle with clear lacquer finish
- Heavy duty PVC belted rubber flap (12" x 14")
- Black powder coated steel head

FB-60F

- 60" solid fiberglass handle
- Heavy-duty PVC belted rubber flap (12" x 14")
- Black powder coated steel head

UL-FB-60F

- 60" Ultra-Lite handle
- Heavy duty PVC belted rubber flap (12" x 14")
- Black powder coated steel head



Fire Broom

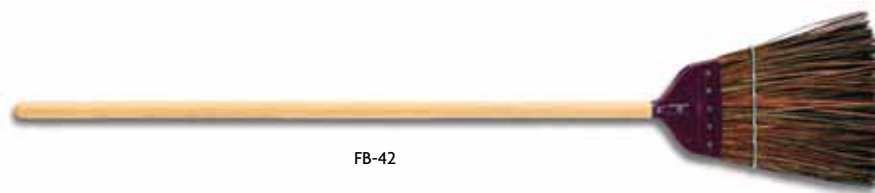
The Fire Broom is designed for direct attack on small brush or grass fires. The hardwood handle, stiff textured Palmyra fiber, and metal cap are locked together to prevent loose handles and fiber fallout.

FB-42

- 42" hardwood handle
- Palmyra fiber broom

FB-42C

- Case of 12 FB-42s





Wrenches

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.
- 13 Folding Pocket Spanner**
Fits all $\frac{3}{4}$ " to 3" rocker lug and pin lug couplings.
- Brass construction
 - Length: 5 $\frac{1}{8}$ " (folded), weight: 8 oz.
- 14 Folding Pocket Spanner**
Fits all $\frac{3}{4}$ " to 3" rocker lug and pin lug couplings.
- Akrolite construction
 - Length: 5 $\frac{1}{8}$ " (folded), weight: 4 oz.
- 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 added strength.
- Plated steel
 - Length: 18 $\frac{3}{4}$ ", weight: 3 $\frac{1}{4}$ lbs.
- 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 steel construction
 - Length: 7", weight: 12 oz.
- 46 Fitzall Combination Spanner**
Designed to fit rocker lug and pin lug couplings from $\frac{3}{4}$ " to 4". Gas shutoff in handle.
- Akrolite construction
 - Length: 10 $\frac{1}{4}$ ", weight: 8 oz.
 - NSN 5120-00-018-1519
- SS-525 Super Spanner Wrench**
Fits any standard 4" and 5" Storz or locking type Storz coupling and 1 $\frac{1}{2}$ " to 3" rocker lug couplings. Gas shutoff. Unique bent design for easy pick up with a gloved hand.
- Bright zinc plated.
- SS-MP Super Spanner Set**
Set includes mounting plate and four SS-525 super spanners 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-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 Style 14



Style 10



Style 13



Style 14



Style 19



Style 25



Style 46



SS-525



SS-MP



SS-523-MP



Aluminum Wrench Holders

Anodized Aluminum Dual Wrench Holder is designed so wrenches can be removed or replaced with one hand.

- Anodized aluminum for added durability
- 2 or 3 wrench options
- Designed so wrenches can be removed 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

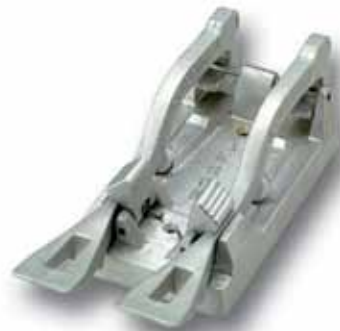
- Holder with (2) Style 10 wrenches

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 Wrench Holder with Wrenches

- Holder with (1) Style 15 and (2) Style 46 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

- Adjustable to 1 3/4" pentagon or 1 1/4" square nut
- Plated for corrosion resistance
- Designed to prevent hydrant nut damage
- Spanner fits 2 1/2" to 4 1/2" rocker lug or pin lug couplings
- Replaceable brass inserts

15 Hydrant and Spanner Wrench

- Length: 19 1/2", weight: 5 lbs.

17 Adjustable Hydrant Wrench

- Length: 18 5/8", weight: 4 1/2 lbs.



Style 15



Style 17

Fittings & Accessories



630 Angle Elbow 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)

632 90° Suction Elbow 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)

655 90° Front Suction Elbow with Strainer 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)

635 90° Continuous Swiveling Elbow 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 65mm)
5" length

347 Hose Plug
• 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)

KEY
✓ Optional with strainer
* Pyrolite
† Cast or chrome
◊ Chrome Ends with Red Paint
Cast brass

NOTE: All items are chrome,
unless noted otherwise.



326 British Instantaneous Adapter 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)

335 Double Female Swivel Adapter
*† 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)

336 Double Male Adapter
*† 1 1/2" (38 mm)
† 2" (50 mm)
*† 2 1/2" (65 mm)
3" X 2 1/2" (75 x 65 mm)
† 3" (75 mm)
4" (100 mm) Pyrolite only

354 Female Swivel to Male Adapter
• 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)

357 Double Female Swivel Adapter
• 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.



345 Hose Cap
• 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

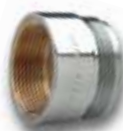
- ✓ Optional with strainer
- * Pyrolite
- † Cast or chrome
- ◇ Chrome Ends with Red Paint
- # Cast brass

NOTE: All items are chrome, unless noted otherwise.



331
Long Internal
Lug Adapter
FEMALE NPT x MALE

† 2 1/2" only (65 mm)



330
Short Internal
Lug Adapter
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)



337
Rigid Female to
Male Adapter

† 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)



356
Rigid Female to
Male Adapter

† 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)



338
Suction Lug Adapter
with Strainer
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)



361
Double Male
Hex Nipple

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)



362
Female to Male Hex Nipple

† 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.

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 pumps.

- Pyrolite® finish
- Available in 4" through 6" NH; 5" weight: 4 1/4 lbs.
- 5" barrel strainer length: 10", weight: 4 1/4 lbs.

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" NH and other selected threads
- 2 1/2" barrel strainer length: 6 7/8", weight: 3 lbs.



Style 339



Style 344

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 (10.34 bar).

- 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° to 950°F (-32° to 545°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° to 525°F (-18° to 275°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.

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 583

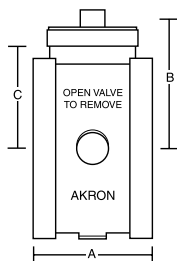


Style 78



Valve Guide

BODY DIMENSION KEY



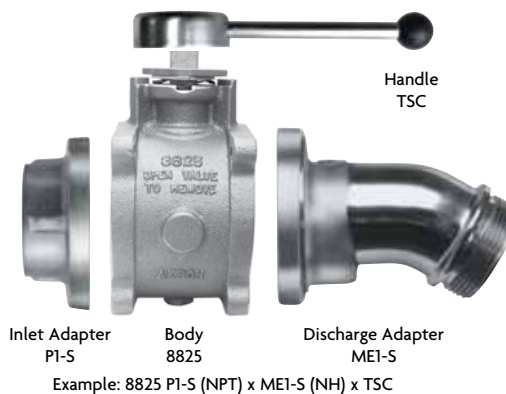
A: Overall body length
B: From centerline of waterway to centerline of handle
C: From centerline of waterway to actuator mounting surface

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.



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

Discharge & Intake Adapters	Pump Elbow Adapters
A = Overall length B = Length to centerline of drain hole C = Length to edge of drain boss	A = Valve flange to centerline of elbow B = Pump flange to centerline of elbow

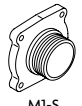
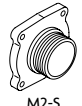
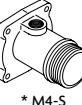
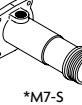
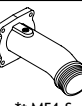
KEY	
* 1/4" and 3/4" NPT taps	+ Eccentric flange face
** (2) 3/4" NPT taps	++ Slotted valve flange
*** 3/4" NPT tap	+++ 8 holes flange - Use 4
↑ 30° Angle	# 4 hole flanges with 4 3/8" BC - for spacing
↑↑ 90° Angle	◇ (3) 3/4" NPT Taps

Rigid NPT

STYLE	SIZE							
		1" (25 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)
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)
	For Flow Meter							
◇ P30-SCV	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)							
P40-SCV	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 1/16" (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) 3/4" NPT taps

*** 3/4" NPT tap

† 30° Angle

†† 90° Angle

+ Eccentric flange face

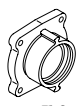
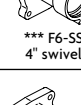
++ Slotted valve flange

+++ 8 holes flange - Use 4

◇ (3) 3/4" NPT Taps



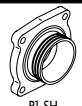
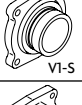
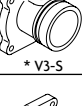
Female Intake Adapters Chrome Swivels (Hose Thread)

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 3/4" (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 3/4" (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



Flex Hose, Solder & Victaulic Adapters

STYLE		SIZE							
		1" (25 mm)	1 ½" (38 mm)	2" (51 mm)	2 ½" (64 mm)	3" (76 mm)	3 ½" (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							
		A	-	-	-	-	2 1⁄4" (57 mm)	-	-
	 PA-SH	B	-	-	-	-	-	-	-
		Angle	-	-	-	-	4°	-	-
		A	-	-	-	-	2 1⁄4" (57 mm)	-	-
	 PO-SH	B	-	-	-	-	-	-	-
		Angle	-	-	-	-	4°	-	-
		 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	-		-	-	-	-	-	-	
VICTAULIC	 V1-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)	-	-	-
	 o o VT-S	2 1⁄2" (64 mm) with 3" (76 mm) Victaulic							
		A	-	-	-	-	2 5⁄32" (52 mm)	-	2 11⁄32" (60 mm)
		3" (76 mm) has 3" (76 mm) NPT + 4" (102 mm) Victaulic							
	 * VT3-S	4" (102 mm) has 4" (102 mm) NPT + 5" (127 mm) Victaulic							
		A	-	-	-	-	3 7⁄16" (87 mm)	-	-
		B	-	-	-	-	1 3⁄8" (35 mm)	-	-
	 * VE1-S	C	-	-	-	-	2 1⁄8" (54 mm)	-	-
		3" (76 mm) NPT with 4" (102 mm) Victaulic							
		A	-	3 5⁄8" (92 mm)	3 3⁄4" (95 mm)	-	-	-	-
	 * VE2-S	B	-	3" (76 mm)	3" (76 mm)	-	-	-	-
		C	-	-	-	-	-	-	-
		A	-	-	5 3⁄4" (146 mm)	-	-	-	-
 V20-SF For Flow Meter	B	-	-	2 31⁄32" (75 mm)	-	-	-	-	
	C	-	-	-	-	-	-	-	
	A	-	-	3 3⁄16" (81 mm)	3 3⁄16" (81 mm)	4 1⁄4" (108 mm)	-	-	
 o V30-SCV	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)	-	-	
	A	-	-	5 27⁄32" (148 mm)	6 1⁄4" (159 mm)	7 1⁄2" (191 mm)	-	-	
 †† VES1-S	B	-	-	3 7⁄8" (98 mm)	4 9⁄32" (109 mm)	4 15⁄16" (125 mm)	-	-	
	Built-in Check Valve								
	A	-	-	3 3⁄8" (86 mm)	5 3⁄16" (132 mm)	-	-	-	
 †† VES1-S	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



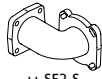
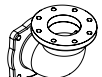
Pump Flange Adapters (Hale Pump Use)

STYLE		SIZE					
		2 1/2" (64 mm)	3"/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



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
 B1-S	A	2 5/8" (67 mm)	2 5/8" (67 mm)	2 7/8" (73 mm)	-	-	4 (8 on 2")
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B1-SX	A	-	2 5/8" (67 mm)	-	-	-	4 slots
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B3-S Both flanges 4 1/4" BCD	A	-	2 5/8" (67 mm)	-	-	-	4
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
Not for valve attachment							
 +++ B4-S	A	-	2 5/8" (67 mm)	2 7/8" (73 mm)	-	-	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B5-S	A	-	4 5/8" (117 mm)	-	-	-	4 slots & 4 holes
	A	-	-	4 1/2" (114 mm)	-	-	4 slots
	B	-	-	-	-	-	-
 +++ B6-S	A	-	6" (152 mm)	-	-	-	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B7-S	A	5.5" (140 mm)	-	-	-	-	4 slots & 4 holes
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B1-SH	A	-	5/8"-1 1/8" (16-29 mm)	1 1/16"-1 3/16" (17-30 mm)	-	4°	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B1-SH (4")	A	-	-	-	2" Total (51 mm)	4°	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B2-SH	A	-	1 1/16" (17 mm)	-	-	-	4
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B3-SH	A	-	-	1 3/16"-1 11/32" (21-34 mm)	-	4°	4
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B3-SH (4")	A	-	-	-	2" Total (51 mm)	4°	4
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B1-SW Clamps	A	-	1 27/32" (47 mm)	1 27/32" (47 mm)	-	-	4
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 + B2-SW	A	-	-	2 7/8" (73 mm)	-	26°	8
	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.



Pump Flange Adapters (Waterous Pump Use) Cont....

STYLE		SIZE					
		2" (51 mm)	2 1/2" (64 mm)	3"/3 1/2" (76/89 mm)	4" (102 mm)	ANGLE	BOLT HOLE
 B3-SW	A	-	-	3 1/8" (79 mm)	-	4°	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B4-SW	A	-	-	5" (127 mm)	-	4°	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B8-SW	A	-	-	-	4" (102 mm)	-	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 +++ B1-SEW	A	-	-	2 7/8" (73 mm)	-	-	8
	B	-	-	-	-	-	-
	C	-	-	-	-	-	-
 B10-SF	A	-	3 1/2" (89 mm)	3 9/32" (83 mm)	-	-	4
	B	-	1 51/64" (46 mm)	1 3/8" (35 mm)	-	-	-
	C	-	-	-	-	-	-
 B20-SFW	A	-	-	-	5 27/64" (138 mm)	-	8
	B	-	-	-	2 43/64" (68 mm)	-	-
	C	-	-	-	-	-	-
 WDE1-S	A	-	-	4 9/16" (112 mm)	9 1/2" (241 mm)	90°	8
	B	-	-	4 5/16" (110 mm)	5" (127 mm)	-	-
	C	-	-	-	-	-	-
 WDE94-S	A	-	-	-	9 1/2" (241 mm)	94°	8
	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.
##	For use when replacing a 7840 with an 8840. Each adapter is 1" thick.

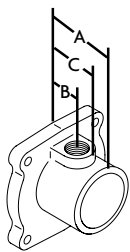
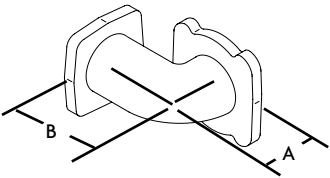
Darley Pump Use

STYLE		SIZE				
		2 1/2" (64 mm)	3"/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"## (50 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

Discharge & Intake Adapters	Pump Elbow Adapters
 A = Overall length B = Length to centerline of drain hole C = Length to edge of drain boss	 A = Valve flange to centerline of elbow B = Pump flange to centerline of elbow

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



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	9179
1763	Turbojet	9179
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
2581	Wye	9153

* 1/2" waterway ball uses 9106 kit
1" waterway ball uses 9115 kit

STYLE	DESCRIPTION	SERVICE KIT
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	Valve (Original inlet)	9128
3443	Valve (Updated inlet)	9130
3443	Spikes	9443
3446	Valve	9137
3446	Spikes	9443
3460	Turret	9170
3461	Turret	9171
3465	Turret	9195
3466	Turret	9196
3467	Turret Waterway	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	9208*
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

** 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



Monitor/Fog Nozzle Compatibility Chart

Monitor	Nozzle								
Apollo™									
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		
Mercury™									
3443	1545	4445	4447						
MercuryMaster™									
3446	5147	5150	5148						
Ozzie™									
911	4824	4827	1727	1744					
922	1745	1757	5160	4452	1747	5147	5150		
DeckMaster™									
3440	5177	1577	5075	3293					
FireFox™									
3463	3293								
StreamMaster™									
3578	5177	5178	1577	5075					
3572	4462*	4471*							
3570	5170	5160							
3571	5171	2171	4460	4461	2151	4470	5161		
Renegade™									
3580	5088	2188	2189						
Gemini™									
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	5161	
3476	2156	2158	5056						
Ladder Pipe									
1494	5177	1577	5075	3293					
1495	5160	1745	1755	1757	4452	1747	5147	5150	
TuckAway™									
3350	5177	5075							
Apollo™ Single									
3426	5160	1745	1755	1757	4452	4475	1747	2152	
3436	5170	5160							
Aries™									
3425	5160	1745	1755	1757	4452	4475	1747	2152	
3525	4450	4460	4461	3747	4470	2151	5051		
Bronco™									
2700	4450	4460	4461	3747	4470	2151	5051		
Omega™									
3526, 3528, 3522, 3523, 3524	4450	4460	4461	3747	4470	2151	5051	5161	
3437	2171								
Conquest™									
3671	5071	2171							
Storm™									
3690	5071	2171							
Rover									
3428	5160	1745	1755	1757	4452	4475	1747	2152	
Trident HFRT-10 (Standard Outlet)									
3356	5178	5177	5075	1577	3624	3626			
Ultra-High Pressure Bumper Turret									
3450	1550	3292							
Severe-Duty									
3491	3293	4471	4462						
3492	4472	4463	2155	5055					
3462	3293**								
3430	5160	5150	5147	1755	1757	1745	1747	2152	4452

* Severe-Duty only

** Special version for 3462

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					*
* 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								



Universal I 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' Tether Only)
or #34400032 (100' Tether Only)
& Connector
#34400020 (Panel connector Only)
#34400018 (30' Tether with
Panel connector)



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



Position
Indicator
#34400101**



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
#35781002*
#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 position feedback option

See Monitor/Nozzle Compatibility Chart on Page 187

See Accessories compatibility chart on Page 187



Universal II Monitor Control System



The Universal II Monitor Control System is the highest performing most technologically advanced monitor control system! The Universal II Control System is an intelligent embedded controller compatible with both CAN and V-MUX® multiplexed networks simplifying installation while greatly expanding user configurable options and interfaces. This system's unique design empowers you to configure your monitor system giving you simplified and total control.

- "Plug and Play" for simplified installation
- V-MUX & CAN (J1939) Compatible
- Field Upgradeable Software
- Modular Design for Simplified Maintenance
- Onboard Diagnostic Capabilities
- Real Time Monitor Position Feedback *
- Proportional Speed Controls
- IP67 Rated Enclosure for Water & Corrosion Resistance



Style 6037
CAN Wireless
Interface



Style 3600
Wireless
Remote



Style 6041
Toggle
Station



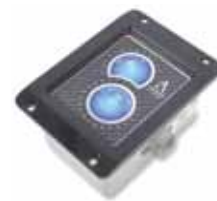
Style 6032
Universal II
Logic Box



Style 6035
CAN Proportional
Joystick



Style 6033
Mini Universal
Controller



Style 6036
CAN Direction
Indicator

* Position feedback optional on some monitors





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
			60	230	60	230	110	34	120	37
	125	8.5	13	50	15	57	57	17	67	20
			25	95	28	106	67	20	77	23
			40	150	45	170	97	30	107	33
			60	230	67	254	120	37	130	40
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 Set- ting	Actual Flow				Straight Stream Reach*						
						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	
4801, 4802 4804	13 50	11 42	13 49	15 57	gpm lpm	57 77	67 20	74 23	67 20	77 23	84 26	feet meters
	25 95	22 83	25 95	28 106	gpm lpm	70 21	77 23	87 27	80 24	87 27	97 30	feet meters
	40 150	35 132	40 150	45 170	gpm lpm	77 23	85 26	97 30	87 27	95 29	107 33	feet meters
4714, 4715 4717, 4720 4814, 4815 4817, 4820 4862, 4863 4866, 4867	95 360	82 310	95 360	106 401	gpm lpm	87 30	117 36	127 39	107 33	127 39	137 42	feet meters
	125 475	108 409	125 475	140 530	gpm lpm	117 36	127 39	130 40	127 39	137 42	140 44	feet meters
	150 550	130 492	150 550	168 636	gpm lpm	137 42	142 43	155 47	147 45	152 46	165 50	feet meters
	175 660	152 575	175 660	196 742	gpm lpm	145 44	153 47	165 50	155 47	163 50	175 53	feet meters
	200 750	173 655	200 750	224 848	gpm lpm	130 40	145 44	164 50	140 44	155 47	174 53	feet meters
4822, 4823 4824, 4825 4826, 4827 4837	200 750	173 655	200 750	224 848	gpm lpm	160 49	190 58	195 59	170 52	200 61	205 62	feet meters
	250 950	217 821	250 950	280 1060	gpm lpm	185 56	195 59	215 65	195 59	205 62	225 68	feet meters
	300 1140	260 984	300 1140	335 1268	gpm lpm	185 56	215 65	225 68	195 59	225 68	235 72	feet meters
	350 1325	303 1147	350 1325	391 1480	gpm lpm	185 56	210 64	225 68	195 59	220 67	235 72	feet 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
	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
	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
	250	250	289	323	gpm	165	176	178	188	196	198	feet
4822, 4823 4824, 4825 4826, 4827 4837	950	950	1094	1223	lpm	50	54	54	57	60	60	meters
	300	300	346	387	gpm	171	179	181	190	198	200	feet
	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
	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
	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

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*			
							Effective		Overall	
	PSI	BAR	GPM	LPM	GPM	LPM	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*			
							Effective		Overall	
	PSI	BAR	GPM	LPM	GPM	LPM	FEET	METERS	FEET	METERS
4460 4461	75	5	500	1900	433	1646	195	59	205	63
			750	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
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
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	100	7	300	1140	300	1140	180	55	-	-
2152			500	1900	500	1900	210	64	-	-
2155			700	2660	700	2660	230	70	-	-
2156										
2158			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*			
					Effective		Overall	
	PSI	BAR	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
5160 5177	80	5.5	1250	4800	285	87	295	90
			250	950	140	42	160	48
			500	1900	210	64	220	67
			750	2900	245	75	260	79
5170 5071 5178	80	5.5	1000	3800	270	82	285	86
			1250	4800	295	90	305	93
			500	1900	145	44	155	47
			1000	3800	210	64	220	67
	80	5.5	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.

Renegade® Monitor Nozzles							
Style	Type	GPM	LPM	Effective		Overall	
				FEET	METERS	FEET	METERS
5088	Automatic	1000	3800	185	56	195	60
		2500	9500	275	84	285	87
		5000	19000				
2189	Adjustable	1000	3800				
		2000	7600				
		3000	11500	280	85	800	92
2188	Fixed	1000	3800				
		2000	7600				
		3000	11500				
		4000	15000	355	108		
		5000	19000				

FireFox® Electric Nozzle Flow/reach Data										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
							Effective		Overall	
	PSI	BAR	GPM	LPM	GPM	LPM	FEET	METERS	FEET	METERS
3293	100	7	30	115	30	115	74	23	84	26
			60	230	60	230	90	27	104	32
			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	190	58
			400	1525	400	1525	190	58	200	61
			450	1700	450	1700	200	61	220	67
			500	1900	500	1900	210	64	225	69

Turbomaster™ Master Stream Nozzle										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
							Effective		Overall	
	PSI	BAR	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

Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
							Effective		Overall	
	PSI	BAR	GPM	LPM	GPM	LPM	FEET	METERS	FEET	METERS
1745	75	5	250	950	234	889	152	46	162	49
			400	1520	370	1406	190	58	200	61
			550	2100	508	1930	210	64	220	67
			750	2900	672	2554	240	73	250	76
	100	7	250	950	271	1030	170	52	180	55
			400	1520	430	1634	210	64	220	67
			550	2100	588	2234	250	76	260	79
			750	2900	775	2945	260	79	270	82
	125	8.5	250	950	302	1148	195	59	205	62
			400	1520	478	1816	250	76	260	79
			550	2100	650	2470	270	82	280	85
			750	2900	866	3291	273	83	283	86

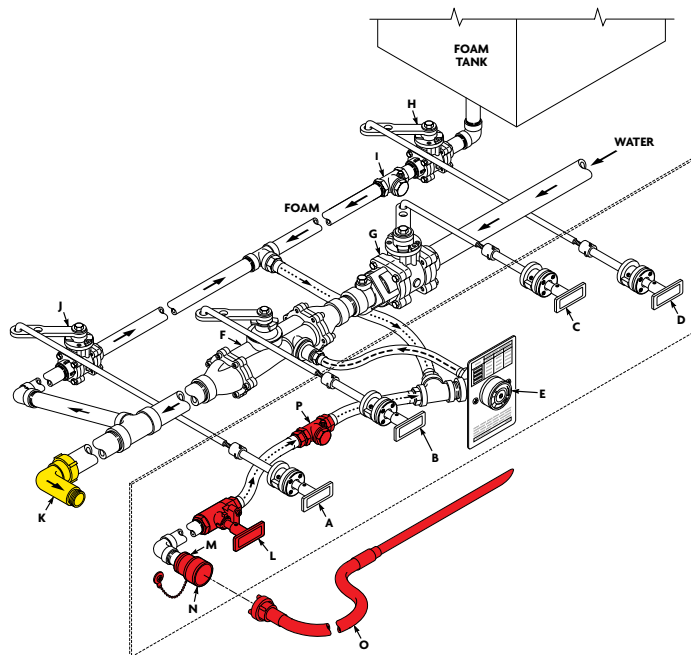
Excel 1000™ Master Stream Nozzles										
Style	Nozzle Pressure		Flow Setting		Actual Flow		Straight Stream Reach*			
	PSI	BAR	GPM	LPM	GPM	LPM	Effective		Overall	
1747 3747 5147	75	5	300	1140	260	984	150	46	160	49
			500	1900	425	1646	190	58	200	61
			800	3030	693	2623	215	66	225	69
			1000	3800	866	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

* 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

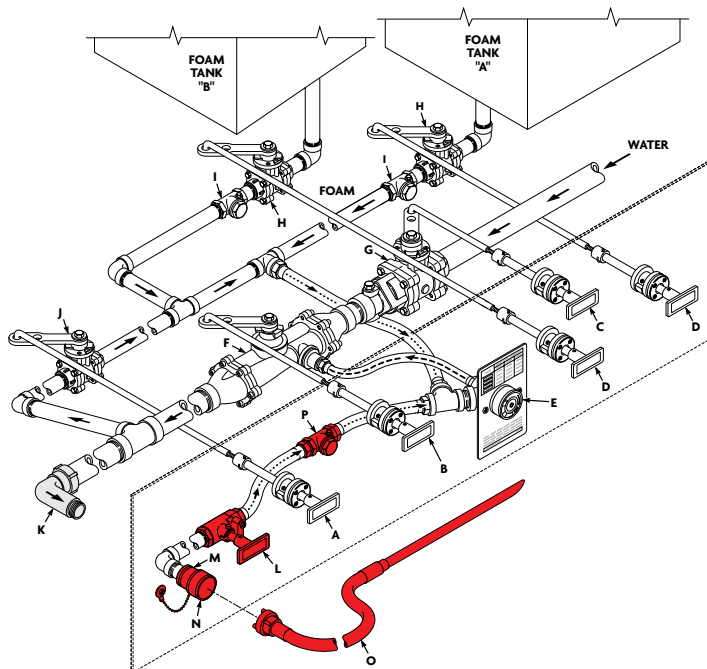


- Crosslay Elbow
 Off Truck System STYLE 3128
 ----- Foam to Eductor: 1/2" I.D. minimum
 Foam to Meter: 3/4" I.D. minimum

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 Bsp†		
	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
3/4"	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

Solid Bore Nozzles																	
Nozzle Pressure* (PSI)	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

Technical Data: Theoretical Discharge & Reaction



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	139	152	164	177	189	202	215	227	240	253	265	278	290	303	316	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

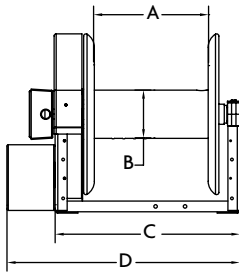
Technical Data: Metric Conversion

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 (in2)		Square Centimeters (cm2)		6.452	
Square Feet (ft2)		Square Meters (m2)		0.093	
Square Yards (yds2)		Square Meters (m2)		0.836	
Square Miles (mi2)		Square Kilometers (km2)		2.59	
Square Centimeters (cm2)		Square Inches (in2)		0.155	
Square Meters (m2)		Square Yards (yds2)		1.196	
Square Kilometers (km2)		Square Miles (mi2)		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

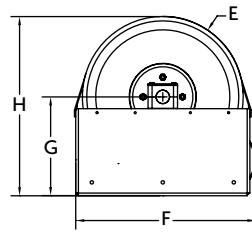
Solid Volume					
To Convert		Into		Multiply by	
Ounces (oz)		Grams (g)		28.3495	
Pounds (lb)		Kilograms (kg)		0.4536	
Grams (g)		Ounces (oz)		0.035	
Kilograms (kg)		Pounds (lb)		2.205	
Pressures					
50 psi	=	345 kPa	=	3.45 bar	
60 psi	=	414 kPa	=	4.14 bar	
70 psi	=	488 kPa	=	4.88 bar	
75 psi	=	517 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	



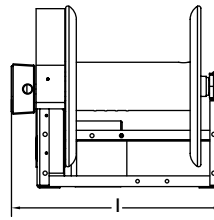
MOTOR POSITIONS
1-4 DIMENSIONS



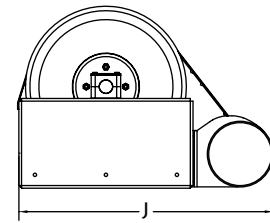
MOTOR POSITIONS
1-4 DIMENSIONS



REAR MOTOR
POSITION DIMENSIONS



REAR MOTOR
CONFIG DIMENSIONS



Standard Reel Chart

PART NUMBER	REEL TYPE	A	B	C	D	E	F	G	H	I*	J*
ERWC-15-10	CORD	10.7	4.5	17.3	22	15	17	9.3	16.8	19.6	23.9
ERWC-16-6	CORD	5.6	4.5	11	15.2	16.5	17	9.3	17.7	13.3	23.9
ERWH-15-10	HYDRAULIC	10.7	4.5	17.3	22.7	15	17	9.3	16.8	19.1	23.9
ERWH-16-6	HYDRAULIC	5.6	4.5	11	16.1	16.5	17	9.3	17.7	12.7	23.9
ERWHB-15-10	BREATHING AIR	10.7	4.5	17.3	22	15	17	9.3	16.8	19.1	23.9
ERWU-15-10	UTILITY	10.7	4.5	17.3	22	15	17	9.3	16.8	19.1	23.9
ERWU-16-6	UTILITY	5.6	4.5	11	16.1	16.5	17	9.3	17.7	12.7	23.9

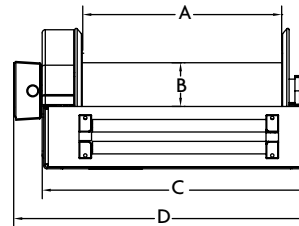
*I and J are for rear mount only

**F does not apply to rear mount

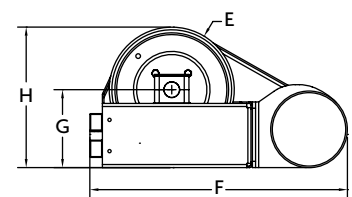
LOW PRO CHART

PART NUMBER	REEL TYPE	A	B	C	D	E	F	G	H
ERWC-10-16	CORD	16	4.5	21.3	23.7	10	19.6	6.2	11.2
ERWC-10-28	CORD	16	4.5	33.4	35.7	10	19.6	6.2	11.2
ERWH-10-16	HYDRAULIC	16	4.5	21.3	23.9	10	19.6	6.2	11.2
ERWU-10-16	UTILITY	16	4.5	21.3	23	10	19.6	6.2	11.2
ERWBA-10-16	BREATHING AIR	16	4.5	21.3	23.7	10	19.6	6.2	11.2

LOW PROFILE DIMENSIONS



LOW PROFILE DIMENSIONS



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

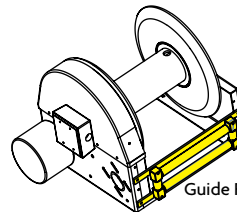
ERW-SL	Control Box with Switch and Breaker Only
ERW-SCS	Control Box with Speed Control

Rear Mount

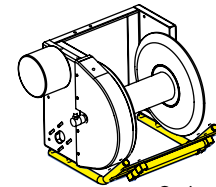
ERW-RMC	Rear Mount Conversion Kit for Electric Rewind Reels
---------	---

Brake

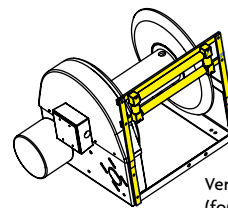
ERW-BR1	Brake For All Reels With Hose
---------	-------------------------------



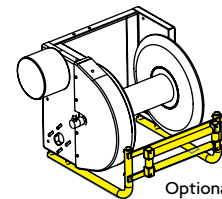
Guide Roller (GR)



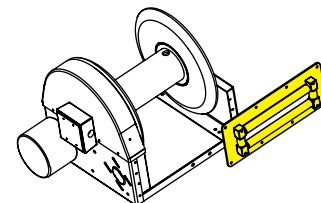
Optional 45° Guide Roller



Vertical (GR-V0)
(for upside down
applications)



Optional 90°
Guide Roller



Thru Compartment/Flush
Mount (GR-THRU)



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)



AKRON[®]

BRASS COMPANY

Tested... Proven... Trusted.



Reels

☐ Electric Rewind Cord Reels	Quantity
☐ Electric Rewind Hydraulic Reels	Quantity
☐ Electric Rewind Utility Air Reels	Quantity
☐ Electric Rewind Breathing Air Reels	Quantity
☐ Electric Rewind Booster Reels	Quantity

Monitors & Nozzles

Monitors-Electric

☐ 3440 DeckMaster	Quantity
☐ 3600 Optional Wireless Remote Control	Quantity
☐ 3406 Optional 12" Electric Riser	Quantity
☐ 3578 StreamMaster	Quantity

Monitors - Manual

☐ 3416 Apollo - Single Inlet	Quantity
☐ 3423 Apollo - Dual Inlet	Quantity
☐ 3431 Apollo HiRiser	Quantity

Nozzle - Electric

☐ 1577 SaberMaster	Quantity
☐ 5177 Akromatic 1250	Quantity
☐ 5178 Akromatic 2000	Quantity

Nozzle - Manual

☐ 5160 Akromatic 1250	Quantity
☐ 1745 TurboMaster 750	Quantity
☐ 1755 TurboMaster 1250	Quantity
☐ 1757 Turbomaster 1000	Quantity
☐ 3499 Stacked Tips w/3489 Discharge Tube	Quantity

Valve, Fittings & Plumbing Hardware

☐ 57 Drain Valve- 3/4" for use with each discharge valve	Quantity
☐ 59 Relief Valve - one per pump	Quantity
☐ 345 Caps	Quantity
☐ 347 Plugs	Quantity
☐ 630, 632, 635 Elbows	Quantity
☐ 650 Swivel Joints	Quantity
☐ 655 Front Suction	Quantity
☐ 1477 Push-Pull Rod - Remote Valve Control	Quantity
☐ 3061, 3096, & 3126 Foam System - Truck By-Pass Eductor Foam System	Quantity
☐ 3128 Off-Truck Foam Access Kit	Quantity
☐ 7940 - 7960 Butterfly	Quantity
☐ 7980 BlackMax Piston Intake	Quantity
☐ 8600 Electric Swing Out Valves	Quantity
☐ 8600 Gear Actuated Swing Out Valves	Quantity
☐ 8800 Swing Out Valves - Remote Actuated	Quantity
☐ 9300 Flow Meter	Quantity
☐ 9313 Valve Controller - Electric	Quantity
☐ 9315 Valve Controller - Electric	Quantity
☐ Valve Position Indicator- Gear Actuated Valves	Quantity
☐ Wytes & Siamese	Quantity
☐ Gate Valves	Quantity

Lightbar & Siren

☐ Aeromaxx II 9188-1500 Series LED Lightbar (49", 54", 59", 72")	Quantity
☐ 3900 Series LED Flush Mount Lightbar	Quantity
☐ 9187-9500 Siren with PA	Quantity
☐ V3702 Diamondback Lightbar	Quantity
☐ V3713 Diamondback Wraparound Lightbar	Quantity
☐ 7150-7160 Series LED Beacon	Quantity

Scene Lights (Cab or Body Surface Mount)

☐ 3862 3 x 7 HID	Quantity
☐ 4662 4 x 6 HID	Quantity
☐ 7862 7x 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 (600 lumen)	Quantity
☐ V465 Diamondback 4 x 6 LED (600 lumen)	Quantity
☐ V795 Diamondback 7 x 9 LED (1,200 lumen)	Quantity

Scene Lights (with Poles & Portable)

☐ ELSS-14DC SceneStar™ LED	Quantity
☐ ELSS-19DC SceneStar™ LED	Quantity
☐ E-5150-SM or FM 12V NightBreaker HID	Quantity
☐ E-4500-SM or FM Low Profile Beta 500W 120V	Quantity
☐ E-4750-SM or FM Low Profile Beta 750W 120V	Quantity
☐ E-DM-PS-SM or FM DayMaker 12V	Quantity
☐ E-4500-POD 500W 120V Beta Tripod	Quantity
☐ E-4750-POD 750W 120V Beta Tripod	Quantity

Cab Brow Scene Lights

☐ E-4500-BL 500W 120V Brow Beta	Quantity
☐ E-4750-BL 750W 120V Brow Beta	Quantity
☐ E-4150-BL 150W 12V Brow Beta	Quantity

DOT Lights, Step Area & License Plate Lights

☐ 9186-5525 Series 4-Inch Round LED Red Lights for Stop/Tail/Turn	Quantity
☐ 9186-5526 Series 4-Inch Round LED Lights for Backup	Quantity
☐ 3884 Series Tri-Cluster Lamp Assemblies 3X7	Quantity
☐ 4684 Series Tri-Cluster Lamp Assemblies 4X6	Quantity
☐ 4681 Series Tri Cluster Lamp Assemblies Horizontal 4X6	Quantity
☐ 3894 Series Quad Cluster Lamp Assemblies 3X7	Quantity
☐ 9186-23882 Series License Illuminator or Control Area Light	Quantity
☐ 8102 Series LED License Illuminator	Quantity

Marker & Ground Illumination Lights

☐ 5180 Series 1.5" x 3.5" Rectangular LED	Quantity
☐ 9186-1500 Series 1.1" x 2.59" LED	Quantity
☐ 9186-5000 Series 4" Round LED	Quantity
☐ 9186-1585 Series Truck Style LED	Quantity
☐ 5060 Series Triangular Incandescent or LED	Quantity
☐ 9185 -40034 Series 5.5" Round Lamp	Quantity

Compartment & Pump Panel Lights

☐ 9185-60004 Series 5.5" Oval LED or Incandescent	Quantity
☐ 9186-2301 Series LED Courtesy Lamp	Quantity
☐ 9186-5515 Series 4" Flange Mount LED	Quantity
☐ 2630 Series 2.5" x 6" Incandescent	Quantity
☐ 2631 Series 2.5" x 6" LED	Quantity

Perimeter Warning Lights

☐ V Series Diamondback LED Lighting	
V34 Diamondback 3X4	Quantity
V37 Diamondback 3X7	Quantity
V46 Diamondback 4X6	Quantity
V79 Diamondback 7X9	Quantity

Interior Dome & Stepwell Light

☐ 8049 Series Clear 8" LED	Quantity
☐ 8081/8080 Series Red/Clear LED	Quantity
☐ 9185-40003 Series Interior Light	Quantity
☐ 9186-8560 Series Stepwell Lamp	Quantity
☐ 9186-23882-30 Incandescent Stepwell Light	Quantity

Multiplexing

☐ VFD Display	Quantity
☐ Vista Display	Quantity
☐ Vista 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

Loose Equipment

☐ Honda Generators	Quantity
☐ Hand Tools - Pike Poles- UL, PP, IB, WR - Multiple Hook Options,	
Axes w/Brackets, Brooms, Rakes, Beaters, Shovels, Squeegees	Quantity
☐ EJB Series Electrical Junction Box & Brackets	Quantity
☐ ECR Series Electric Cord Reel	Quantity
☐ Turbojet, Saberjet & Assault Handline Nozzles	Quantity
☐ Mercury, MercuryMaster & Ozzie Portable Ground Monitors	Quantity
☐ Foam Tube	Quantity
☐ 344 Barrel Suction Strainer	Quantity
☐ 443 Combination Wrench Holder with	Quantity
(2) Spanner wrenches and (1) Hydrant Wrench	Quantity
☐ 448 Combination Wrench Holder with (2) Spanners Wrenches	Quantity
☐ SSMP Super Spanner Wrench Set (4) Combination	
Storz and Spanner Wrenches	Quantity
☐ Hydrant Wrenches 15 or 17	Quantity
☐ 335 & 357 Double Female Adapters	Quantity
☐ 336 Double Male Adapters	Quantity
☐ 1483 Gated Siamese	Quantity
☐ 1583 Gated Siamese	Quantity
☐ 2583 Gated Siamese	Quantity
☐ FHY-6-HMT Flat Head Axe with Mounting Brackets	Quantity
☐ PHY-6-HMT Pick Head Axe with Mounting Brackets	Quantity
☐ Pike Poles UT-6, UT-8, UT-12, 6', 8' or 12' Pike Poles	Quantity
☐ Drywall Hooks UT-4D or UT-4D-DWH 4'	Quantity



Technical Data: Aerial Work Sheet

Light Bar & Siren

Monitors & Nozzles

Scene Lights

Nozzles

Scene Lights (Permanent & Portable)

Reels

Brow & Marker Lights

Interior Dome & Stepwell Lights

Perimeter Warning Lights

Valves, Fittings & Plumbing Hardware

Marker & Ground Illumination Lights

DOT Lights, Step Area Lights & License Plate Light

Compartment/Pump Panel Lights

Loose Equipment (i.e. Hand Tools,
Portable Monitors)

Multiplexing (including Display Preference)



AKRON[®]
B R A S S C O M P A N Y

Tested... Proven... Trusted.



Reels

☐ Electric Rewind Cord Reels	Quantity
☐ Electric Rewind Hydraulic Reels	Quantity
☐ Electric Rewind Utility Air Reels	Quantity
☐ Electric Rewind Breathing Air Reels	Quantity
☐ Electric Rewind Booster Reels	Quantity

Monitors & Nozzles

Monitors-Electric

☐ 3578 StreamMaster	Quantity
☐ 3600 Optional Wireless Remote Control	Quantity

Monitors-Manual

☐ 3570 Manual StreamMaster	Quantity
---	----------------

Nozzle - Electric

☐ 1577 SaberMaster	Quantity
☐ 5177 Akromatic 1250	Quantity
☐ 5178 Akromatic 2000	Quantity

Nozzle - Manual

☐ 5160 Akromatic 1250	Quantity
☐ 5170 Akromatic 2000	Quantity
☐ 1745 TurboMaster 750	Quantity
☐ 1755 TurboMaster 1250	Quantity
☐ 1757 Turbomaster 1000	Quantity
☐ 3499 Stacked Tips w/3485 Discharge Tube	Quantity
☐ 2499 Stacked Tips w/3488 Discharge Tube	Quantity
☐ 3489 Shaper Tips	Quantity

Ladder Pipe *For Customers w/o Plumbed Waterways on Ladders

☐ 1494 Electric Ladder Pipe	Quantity
☐ 1495 Ladder Pipe	Quantity

Valve, Fittings & Plumbing Hardware

☐ 57 Drain Valve- 3/4" for use with each discharge valve	Quantity
☐ 59 Relief Valve - one per pump	Quantity
☐ 345 Caps	Quantity
☐ 347 Plugs	Quantity
☐ 630, 632, 635 Elbows	Quantity
☐ 650 Swivel Joints	Quantity
☐ 655 Front Suction	Quantity
☐ 1477 Push-Pull Rod - Remote Valve Control	Quantity
☐ 3061, 3096, & 3126 Foam System - Truck By-Pass Eductor Foam System	Quantity
☐ 3128 Off-Truck Foam Access Kit	Quantity
☐ 7940 - 7960 Butterfly	Quantity
☐ 7980 BlackMax Piston Intake	Quantity
☐ 8600 Electric Swing Out Valves	Quantity
☐ 8600 Gear Actuated Swing Out Valves	Quantity
☐ 8800 Swing Out Valves - Remote Actuated	Quantity
☐ 9300 Flow Meter	Quantity
☐ 9313 Valve Controller - Electric	Quantity
☐ 9315 Valve Controller - Electric	Quantity
☐ Valve Position Indicator- Gear Actuated Valves	Quantity
☐ Wykes & Siamese	Quantity
☐ Gate Valves	Quantity

Lightbar & Siren

☐ Aeromaxx II 9188-1500 Series LED Lightbar (24" Split, 49", 54", 59", 72")	Quantity
☐ 3900 Series LED Flush Mount Lightbar	Quantity
☐ 9187-9500 Siren with PA	Quantity
☐ V3702 Diamondback Lightbar	Quantity
☐ V3713 Diamondback Wraparound Lightbar	Quantity
☐ 7150-7160 Series LED Beacon	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"x7" LED	Quantity
☐ V465 Diamondback 4"x6" LED	Quantity
☐ V795 Diamondback 7"x9" LED	Quantity

Scene Lights (with Poles & Portable)

☐ ELSS-14DC SceneStar™ LED	Quantity
☐ ELSS-19DC SceneStar™ LED	Quantity
☐ E-5150-SM or FM 12V NightBreaker HID	Quantity
☐ E-4500-SM or FM Low Profile Beta 500W 120V	Quantity
☐ E-4750-SM or FM Low Profile Beta 750W 120V	Quantity
☐ E-DM-PS-SM or FM DayMaker 12V	Quantity
☐ E-4500-POD 500W 120V Beta Tripod	Quantity
☐ E-4750-POD 750W 120V Beta Tripod	Quantity

Cab Brow Scene Lights

☐ E-4500-BL 500W 120V Brow Beta	Quantity
☐ E-4750-BL 750W 120V Brow Beta	Quantity
☐ E-4150-BL 150W 12V Brow Beta	Quantity

DOT Lights, Step Area & License Plate Lights

☐ 9186-5525 Series 4-Inch Round LED Red Lights for Stop/Tail/Turn	Quantity
☐ 9186-5526 Series 4-Inch Round LED Lights for Backup	Quantity
☐ 3884 Series Tri-Cluster Lamp Assemblies 3X7	Quantity
☐ 4684 Series Tri-Cluster Lamp Assemblies 4X6	Quantity
☐ 4681 Series Tri Cluster Lamp Assemblies Horizontal 4X6	Quantity
☐ 3894 Series Quad Cluster Lamp Assemblies 3X7	Quantity
☐ 9186-23882 Series License Illuminator or Control Area Light	Quantity
☐ 8102 Series LED License Illuminator	Quantity

Marker & Ground Illumination Lights

☐ 5180 Series 1.5" x 3.5" Rectangular LED	Quantity
☐ 9186-1500 Series 1.1" x 2.59" LED	Quantity
☐ 9186-5000 Series 4" Round LED	Quantity
☐ 9186-1585 Series Truck Style LED	Quantity
☐ 5060 Series Triangular Incandescent or LED	Quantity
☐ 9185 -40034 Series 5.5" Round Lamp	Quantity

Compartment & Pump Panel Lights

☐ 9185-60004 Series 5.5" Round LED or Incandescent	Quantity
☐ 9186-2301 Series LED Courtesy Lamp	Quantity
☐ 9186-5515 Series 4" Flange Mounted LED	Quantity
☐ 2630 Series 2.5" x 6" Incandescent	Quantity
☐ 2631 Series 2.5" x 6" LED	Quantity

Perimeter Warning Lights

☐ V Series Diamondback LED Lighting	
V34 Diamondback 3X4	Quantity
V37 Diamondback 3X7	Quantity
V46 Diamondback 4X6	Quantity
V79 Diamondback 7X9	Quantity

Interior Dome & Stepwell Light

☐ 8049 Series Clear 8" LED	Quantity
☐ 8080/8081 Series Red/Clear LED	Quantity
☐ 9185-40003 Series Interior Light	Quantity
☐ 9186-8560 Series Stepwell Lamp	Quantity
☐ 9186-23882-30 Incandescent Stepwell Light	Quantity

Multiplexing

☐ VFD Display	Quantity
☐ Vista Display	Quantity
☐ Vista 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

Loose Equipment

☐ Honda Generators	Quantity
☐ Hand Tools - Pike Poles- UL, PP, IB, WR - Multiple Hook Options, Axes w/ Brackets, Brooms, Rakes, Beaters, Shovels, Squeegies	Quantity
☐ EJB Series Electrical Junction Box & Brackets	Quantity
☐ ECR Series Electric Cord Reel	Quantity
☐ Turbojet, Saberjet & Assault Handline Nozzles	Quantity
☐ Mercury, MercuryMaster & Ozzie Portable Ground Monitors	Quantity
☐ Foam Tube	Quantity
☐ 443 Combination Wrench Holder with (2) Spanner wrenches and (1) Hydrant Wrench	Quantity
☐ 448 Combination Wrench Holder with (2) Spanners Wrenches	Quantity
☐ SSMP Super Spanner Wrench Set (4) Combination Storz and Spanner Wrenches	Quantity
☐ 583 Hose Hoist	Quantity
☐ 335 & 357 Double Female Adapters	Quantity
☐ 336 Double Male Adapters	Quantity
☐ 1483 Gated Siamese	Quantity
☐ 1583 Gated Siamese	Quantity
☐ 2583 Gated Siamese	Quantity
☐ 78 Ladder Straps	Quantity
☐ PHY-6-HMT Flat Head Axe with Mounting Brackets	Quantity
☐ PHY-6-HMT Pick Head Axe with Mounting Brackets	Quantity
☐ PHY-6-HMT Flat Head Axe with Mounting Brackets	Quantity
☐ PHY-6-HMT Pick Head Axe with Mounting Brackets	Quantity
☐ Pike Poles UT-6, UT-8, UT-12, 6', 8' or 12' Pike Poles	Quantity
☐ Drywall Hooks UT-4D or UT-4D-DWH 4'	Quantity
☐ Pinch Point Bars PPB-36, PPB-51, or PPB-60	Quantity
☐ Roof Hooks ARH-365, ARH-60-FC, ARH-72	Quantity



Technical Data: Ambulance Work Sheet

Scene Lights & Markers

Primary Warning Lights

Light Bar, Siren, Marker & Primary Warning

Primary Warning

Portable & Extendable Lights, Reels & Electrical Accessories

Interior Dome, Compartment Lights & Multiplexing

Scene Lights & Markers

Primary Warning Lights

Stop/Tail/Turn

License Plate Lights



AKRON
BRASS COMPANY

Tested... Proven... Trusted.



Perimeter Warning Lights

- ☐ V Series Diamondback LED Lighting
 - V34 Diamondback 3X4Quantity _____
 - V37 Diamondback 3X7Quantity _____
 - V46 Diamondback 4X6Quantity _____
 - V79 Diamondback 7X9Quantity _____
- ☐ 0B80-2495-00 Chrome Bezel Kit 3X4Quantity _____
- ☐ 0B80-2335-00 Chrome Bezel Kit 3X7Quantity _____
- ☐ 0B80-2336-00 Chrome Bezel Kit 4X6Quantity _____
- ☐ 0B80-2337-00 Chrome Bezel Kit 7X9Quantity _____

Lightbar & Siren

- ☐ Aeromaxx II 9188-1500 Series LED Lightbar (24" Split, 49", 54", 59", 72")Quantity _____
- ☐ 3900 Series Flush Mounted LED Front/Rear LightbarQuantity _____
- ☐ 9187-9500 Siren with PAQuantity _____
- ☐ V3702 Diamondback LightbarQuantity _____

Surface Mount, Exterior Body Scene Lighting

- ☐ V Series Diamondback LED Scene LightingQuantity _____
 - V37S Diamondback 3X7 SceneQuantity _____
 - V46S Diamondback 4X6 SceneQuantity _____
 - V79S Diamondback 7X9 SceneQuantity _____
- ☐ 0B80-2335-00 Chrome Bezel Kit 3X7Quantity _____
- ☐ 0B80-2336-00 Chrome Bezel Kit 4X6Quantity _____
- ☐ 0B80-2337-00 Chrome Bezel Kit 7X9Quantity _____
- ☐ 3800 Series Halogen Scene Light 3X7Quantity _____
- ☐ 3800 Series HID Scene Light 3X7Quantity _____
- ☐ 4600 Series Halogen Scene Light 4X6Quantity _____
- ☐ 4600 Series HID Scene Light 4X6Quantity _____
- ☐ 7800 Series Halogen Scene Light 7X9Quantity _____
- ☐ 7800 Series HID Scene Light 7X9Quantity _____

DOT Lighting

- ☐ 9186-1500 Series Rectanglar LED Red Marker LampsQuantity _____
- ☐ 9186-1500 Series Rectanglar LED Amber Marker LampsQuantity _____
- ☐ 9186-5525 Series 4-Inch Round LED Red Lights for Stop/Tail/TurnQuantity _____
- ☐ 9186-5526 Series 4-Inch Round LED White Lights for BackupQuantity _____
- ☐ 3884 Series Tri-Cluster Lamp Assemblies 3X7Quantity _____
- ☐ 3894 Series Quad Cluster Lamp Assemblies 3X7Quantity _____
- ☐ 4684 Series Tri-Cluster Lamp Assemblies 4X6Quantity _____
- ☐ 4681 Series Tri-Cluster Lamp Assemblies Horizontal 4X6Quantity _____
- ☐ 9186-23882 Series License Illuminator or Control Area LightQuantity _____
- ☐ 8102 Series LED License IlluminatorQuantity _____

Rear Patient Compartment Lighting

- ☐ 8049 Series Recessed LED Lighting Clear or RedQuantity _____
- ☐ 8047 Series Mt LED Lighting Clear or RedQuantity _____
- ☐ 8046 Series Recessed Halogen LightingQuantity _____

Cab Interior Dome Lighting

- ☐ 1010-8100 Series LED Interior Dome LightQuantity _____
- ☐ Red/Clear Interior Dome Light
 - 8080/8081 Series LEDQuantity _____
 - 8080/8081 Series IncandescentQuantity _____

Body Side Compartment Lighting

- ☐ 2631 Series LED Surface Mount Dome/Panel LightQuantity _____
- ☐ 1010-8100 Series LED Compartment LightQuantity _____
- ☐ 1010 Series Incandescent Compartment LightQuantity _____
- ☐ 9185-4000 Series 5.5" Round Incandescent LightQuantity _____
- ☐ 9186-2301 Series LED Courtesy LightQuantity _____
- ☐ 9186-5526 Series 4" Round LED Clear LightQuantity _____

Multiplexing

- ☐ VFD DisplayQuantity _____
- ☐ Vista DisplayQuantity _____
- ☐ Vista Touch Screen DisplayQuantity _____
- ☐ Programmable On Demand Switches (PODS)Quantity _____
- ☐ 6500 Series CameraQuantity _____
- ☐ Integrated GPS SystemQuantity _____
- ☐ 6204-0000-00 Occupant Restraint IndicatorQuantity _____
- ☐ 6444-0000-00 Vehicle Data Recorder (VDR)Quantity _____

Portable & Extendable Lights, Reels & Electrical Accessories

- ☐ ELSS-14DC SceneStar™ LEDQuantity _____
- ☐ ELSS-19DC SceneStar™ LEDQuantity _____
- ☐ EJB Series Electrical Junction BoxQuantity _____
- ☐ ECR Cord & ERWC Electric Cord ReelQuantity _____
- ☐ Yamaha GeneratorQuantity _____
- ☐ PL Series Portable LightQuantity _____
- ☐ DayMaker 12V 300wIncandescent w/Telescopic & BracketsQuantity _____
- ☐ NightBreaker 12v 150w HID w/Telescopic & BracketsQuantity _____
- ☐ Beta 4150 Series 12V w/Wire Guard & TelescopicQuantity _____
- ☐ 4750 Series Pull-up/Push-up Light SystemQuantity _____
- ☐ 4750 Series Extenda-POD Light Mounting SystemQuantity _____

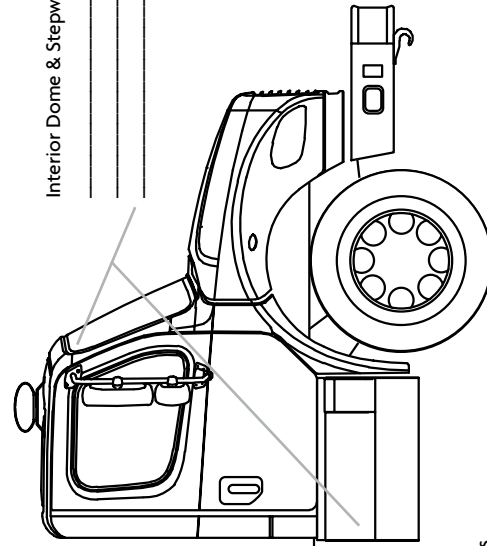


Scene Lights (Permanent & Portable)

Recessed Scene Lights

Light Bar & Siren

Interior Dome & Stepwell Lights



DOT Lights, Step Area Lights & License Plate Light

Compartment Lights

Perimeter Warning Lights

Reels, Junction Boxes & Generator

Loose Equipment (i.e. Hand Tools)

Multiplexing (including Display Preference)



Tested... Proven... Trusted.



Reels

☐ Electric Rewind Cord Reels.....	Quantity	_____
☐ Electric Rewind Hydraulic Reels.....	Quantity	_____
☐ Electric Rewind Utility Air Reels.....	Quantity	_____
☐ Electric Rewind Breathing Air Reels.....	Quantity	_____
☐ Electric Rewind Booster Reels.....	Quantity	_____

Lightbar & Siren

☐ Aeromax II 9188-1500 Series LED Lightbar (49", 54", 59", 72").....	Quantity	_____
☐ 3900 Series LED Flush Mount Lightbar.....	Quantity	_____
☐ 9187-9500 Siren with PA.....	Quantity	_____
☐ V3702 Diamondback Lightbar.....	Quantity	_____
☐ V3713 Diamondback Wraparound Lightbar.....	Quantity	_____
☐ 7150-7160 Series LED Beacon.....	Quantity	_____

Scene Lights (Cab or Body Surface Mount)

☐ 3862 3 x 7 HID.....	Quantity	_____
☐ 4662 4 x 6 HID.....	Quantity	_____
☐ 7862 7x 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"x7" LED.....	Quantity	_____
☐ V465 Diamondback 4"x6" LED.....	Quantity	_____
☐ V795 Diamondback 7"x9" LED.....	Quantity	_____

Scene Lights (with Poles & Portable)

☐ ELSS-14DC SceneStar™ LED.....	Quantity	_____
☐ ELSS-19DC SceneStar™ LED.....	Quantity	_____
☐ E-5150-SM or FM 12V NightBreaker HID.....	Quantity	_____
☐ E-4500-SM or FM Low Profile Beta 500W 120V.....	Quantity	_____
☐ E-4750-SM or FM Low Profile Beta 750W 120V.....	Quantity	_____
☐ E-DM-PS-SM or FM DayMaker 12V.....	Quantity	_____
☐ E-4500-POD 500W 120V Beta Tripod.....	Quantity	_____
☐ E-4750-POD 750W 120V Beta Tripod.....	Quantity	_____
☐ E-4750-TLT-PS-SM 750W 120V Remote Tilt Light.....	Quantity	_____
☐ E-1000-MH-3POLE-AO-AM 1000 w Metal Halide 3-Pole Air Mast.....	Quantity	_____
☐ E-W5360-GRN-PS-SM 12v Green Strobe Push-Up Light.....	Quantity	_____

DOT Lights, Stop Area & License Plate Lights

☐ 9186-5525 Series 4-Inch Round LED Red Lights for Stop/Tail/Turn.....	Quantity	_____
☐ 9186-5526 Series 4-Inch Round LED Lights for Backup.....	Quantity	_____
☐ 3884 Series Tri-Cluster Lamp Assemblies 3X7.....	Quantity	_____
☐ 4684 Series Tri-Cluster Lamp Assemblies 4X6.....	Quantity	_____
☐ 4681 Series Tri Cluster Lamp Assemblies Horizontal 4X6.....	Quantity	_____
☐ 3894 Series Quad Cluster Lamp Assemblies 3X7.....	Quantity	_____
☐ 9186-23882 Series License Illuminator or Control Area Light.....	Quantity	_____
☐ 8102 Series LED License Illuminator.....	Quantity	_____

Marker & Ground Illumination Lights

☐ 5180 Series 1.5" x 3.5" Rectangular LED.....	Quantity	_____
☐ 9186-1500 Series 1.1" x 2.59" LED.....	Quantity	_____
☐ 9186-5000 Series 4" Round LED.....	Quantity	_____
☐ 9186-1585 Series Truck Style LED.....	Quantity	_____
☐ 5060 Series Triangular Incandescent or LED.....	Quantity	_____
☐ 9185-40034 Series 5.5" Round Lamp.....	Quantity	_____

Compartment & Pump Panel Lights

☐ 9185-40003 Series 5.5" Round LED or Incandescent.....	Quantity	_____
☐ 9186-2301 Series LED Courtesy Lamp.....	Quantity	_____
☐ 9186-5515 Series 4" Flange Mounted LED.....	Quantity	_____
☐ 2630 Series 2.5" x 6" Incandescent.....	Quantity	_____
☐ 2631 Series 2.5" x 6" LED.....	Quantity	_____

Perimeter Warning Lights

☐ 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

☐ 8049 Series Clear 8" LED.....	Quantity	_____
☐ 8080/8081 Series Red/Clear LED.....	Quantity	_____
☐ 9185-40003 Series Interior Light.....	Quantity	_____
☐ 9186-8560 Series Stepwell Lamp.....	Quantity	_____
☐ 9186-23882-30 Incandescent Stepwell Light.....	Quantity	_____

Recessed Scene Lights

☐ E-4500-RM 500W 120V Recess Mount Beta Light.....	Quantity	_____
☐ E-4750-RM 750W 120V Recessed Mount Beta Light.....	Quantity	_____
☐ E-4150-RM 150W 12V Recessed Mount Beta Light.....	Quantity	_____

Multiplexing

☐ VFD Display.....	Quantity	_____
☐ Vista Display.....	Quantity	_____
☐ Programmable On Demand Switches (PODS).....	Quantity	_____
☐ 6500 Series Camera.....	Quantity	_____
☐ Integrated GPS System.....	Quantity	_____
☐ Vista III Touch Screen Display.....	Quantity	_____
☐ 6204-0000-00 Occupant Restraint Indicator.....	Quantity	_____
☐ 6444-0000-00 Vehicle Data Recorder (VDR).....	Quantity	_____

Loose Equipment

☐ Honda Generators.....	Quantity	_____
☐ Hand Tools - Pike Poles- UL, PP, IB, WR - Multiple Hook Options, Axes w/Brackets, Brooms, Rakes, Beaters, Shovels, Squeegees.....	Quantity	_____
☐ EJB Series Electrical Junction Box & Brackets.....	Quantity	_____
☐ ECR Series Electric Cord Reel.....	Quantity	_____
☐ FHY-6-HMT Flat Head Axe with Mounting Brackets.....	Quantity	_____
☐ PHY-6-HMT Pick Head Axe with Mounting Brackets.....	Quantity	_____
☐ PHY-6-HMT Flat Head Axe with Mounting Brackets.....	Quantity	_____
☐ PHY-6-HMT Pick Head Axe with Mounting Brackets.....	Quantity	_____
☐ AS-27D D-Handle Scoop Shovels.....	Quantity	_____
☐ SS-48F Square Point Shovel.....	Quantity	_____
☐ UL-SQ-60F Squeegee.....	Quantity	_____
☐ Pike Poles UT-6, UT-8, or UT-12, 6', 8' or 12' Pike Poles.....	Quantity	_____
☐ Drywall Hooks UT-4D or UT-4D-DWH 4'.....	Quantity	_____
☐ Pinch Point Bars PPB-36, PPB-51, or PPB-60.....	Quantity	_____
☐ Roof Hooks ARH-36S, ARH-60-FC, ARH-72.....	Quantity	_____



Valves & Plumbing Hardware

Marker Lights & Reflectors

Warning Lights

Booster Reel & Hand Line Nozzle

Scene Lighting

Warning Lighting & Siren

Marker Lights & Reflectors

Warning Lights

Accessories & Hand Tools

Compartment Lights

Front Bumper Monitor & Nozzle

License Plate & Work Area Lights

Marker Lights & Reflectors

Stop, Tail & Turn, And Back-up Lights



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: _____
- ☐ Style 3462 Forestry Monitor, Style 3293 nozzle & joystick.....Quantity: _____

Lightbar & Siren

- ☐ Aeromaxx II 9188-1500 Series LED Lightbar (49", 54", 59").....Quantity: _____
- ☐ 3900 Series LED Flush Mount Lightbar.....Quantity: _____
- ☐ 9187-9500 Siren with PA.....Quantity: _____
- ☐ V3702 Diamondback Lightbar.....Quantity: _____
- ☐ 7150-7160 Series LED Beacon.....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: _____

Reels

- ☐ Electric Rewind Cord Reels.....Quantity: _____
- ☐ Electric Rewind Hydraulic Reels.....Quantity: _____
- ☐ Electric Rewind Utility Air Reels.....Quantity: _____
- ☐ Electric Rewind Breathing Air Reels.....Quantity: _____
- ☐ Electric Rewind Booster Reels.....Quantity: _____

Scene Lights (with Poles & Portable)

- ☐ ELSS-14DC SceneStar™ LED.....Quantity: _____
- ☐ ELSS-19DC SceneStar™ LED.....Quantity: _____
- ☐ 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"x7" LED.....Quantity: _____
- ☐ V465 Diamondback 4"x6" LED.....Quantity: _____
- ☐ V795 Diamondback 7"x9" LED.....Quantity: _____

DOT & Utility Lighting

- ☐ 5180 Series Rectangular LED Red Marker Lamps.....Quantity: _____
- ☐ 5170 Series Rectangular 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 Clear Lights for Back-Up.....Quantity: _____
- ☐ 3884 Series Tri-Cluster Lamp Assemblies
 - Incandescent.....Quantity: _____
 - LED.....Quantity: _____
- ☐ 9186-078 Series Oblong Reflectors.....Quantity: _____
- ☐ 9186-23882-30 License Illuminator or Control Area Light.....Quantity: _____
- ☐ 2630/2631 Series Compartment or Control Area Light
 - Incandescent.....Quantity: _____
 - LED.....Quantity: _____

Valves:

2681 Brass Leader Line Wye

A 2 1/2" female x 1 1/2" male x 1 1/2" male wye constructed of corrosion resistant brass. The wye shall have break-resistant handles with built-in stops, square drive trunnions with Teflon thrust bearings and the seats shall be externally adjustable. 7980 Black Max™ Piston Intake Valve The Piston Intake Valve shall be constructed of lightweight, corrosion-resistant, hard-anodized and poly-impregnated aluminum and stainless steel. The valve shall have an adjustable (50 to 250 psi) relief valve, a 3/4" air bleeder, a built-in 53° down angle inlet, a stainless steel drive screw and piston nut, a hand wheel with fold-away knob, a polymer piston, a durable non-stick seat, and a minimum 4 3/4" diameter waterway with castin turning vane. The valve shall not exceed 7 psi friction loss at 2000 gpm and 11 15/16" in depth. Must specify inlet and outlet. Product must carry a 10 year warranty.

8600 Heavy Duty Swing-Out Valves 1"-3 1/2"

The valve shall have an all cast brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a specially designed flow optimizing stainless steel ball. All stainless steel parts must be 316 grade for increased resistance to corrosion. The valve shall not require the lubrication of seats or any other internal waterway parts, and be capable of swinging out of the waterway for maintenance by the removal of six bolts. This valve shall be actuated using manual gear, electric actuator, twist lock manual handle or rack & sector. The electric actuator shall have a 16:1 gear ratio, which actuates from fully open to fully close in 5 seconds, a clutchless motor, and utilize an electric controller with current limiting design. The gear actuator shall operate at a 50:1 gear ratio, which actuates from fully open to fully closed in 12 rotations, and utilizes a 4" diameter chrome hand wheel (an optional Position Indicator shall also be available). The valve shall be manufactured and assembled in the United States. Product must carry a 10 year manufacturer's warranty.

8800 Heavy Duty Swing-Out Valves 1"-3 1/2"

The valve shall have an all cast brass body with flow optimizing stainless steel ball and dual polymer seats. The valve shall be capable of dual directional flow while incorporating a self-locking ball feature using an automatic friction lock design and specially designed flow optimizing stainless steel ball. All stainless steel parts must be 316 grade for increased resistance to corrosion. The valve shall not require the lubrication of seats or any other internal waterway parts, and be capable of swinging out of the waterway for maintenance by the removal of six bolts. The valve shall be compatible with a slow close device. This valve shall be actuated using manual handles. The manual handles shall be quickly adjustable to one of eight handle positions, and require only 90° travel. The valve shall be manufactured and assembled in the United States. Product must carry a 10 year manufacturer's warranty.

8840 4" Swing-Out Valve Specifications

The valve shall have an all cast brass valve body with a 4" full flow waterway ideal for flows up to 2000 gpm and a maximum body length of 4". The valve shall utilize a bronze flat ball design with a single urethane seat and be structurally rated to 500psi with a 250 psi operating pressure. The valve shall not require the lubrication of seats or any other internal waterway parts, and be capable of swinging out of the waterway for maintenance by the removal of six bolts. An electric, air, or manual gear actuator shall actuate the valve. The electric actuator shall have a 25:1 gear ratio, which actuates from fully open to fully close in 8 seconds, a clutchless motor, and utilize an electric controller with current limiting design. The gear actuator shall operate at a 50:1 gear ratio, which actuates from fully open to fully closed in 12 rotations, and utilizes a 6" diameter chrome hand wheel. The air actuator shall operate between 80-120 psi and be equipped with an emergency override.

9300 Flow/Pressure Meter

The flow/pressure meter shall have digital LED display characters 5/8" high, with adjustable intensity. The unit shall have solid state electronics with pipe set sizes programmed into a chip and be capable of custom calibration to high and low flow ranges. Additional calibrations shall not be required. The unit must have two button operation to read pressure, flow and total flow, and shall be in a water resistant brass housing and shall come with all required installation cables and harnesses. The flow sensor must be brass with a stainless steel paddle wheel that can be installed into an Akron Swing-Out Valve Adapter. In addition 2 – 10' cables shall be provided.

9313 Valve Controller

The electric controls must be of current limiting design, requiring no clutches in the motor. The unit must have booted switches with momentary open close as well as an optional one touch full open feature to operate the actuator. The unit must be capable of connecting to an auxiliary controller for operation at a location away from the master. The unit must provide position indication through 10 LED light indicators for maximum visibility. The unit must carry a five year warranty.

9315 Navigator Valve Controller

The electric controls must be of current limiting design, requiring no clutches in the motor. Unit must have booted switches with momentary open and close as well as an optional one touch full open feature to operate the actuator. The unit must be capable of being connected to either a Flow Sensor or Pressure Sensor, or both, and provide an LCD display showing pressure and/or flow as well as valve position indication. The unit must be capable of connecting to an auxiliary controller for operation at a location away from the master. The unit must be able to be programmed to GPM or LPM as well as PSI or kPa. The unit must have programmed pipe sizes and be capable of custom calibration to high and low flow ranges. The only calibration required is to set the unit to the valve during initial set up. No other calibration shall be required. Unit must carry a five year warranty.

Nozzles:

Dual Shutoff SaberJet™ Nozzles - DSO

A combination solid stream and fog nozzle with the capability to flow either stream independently or simultaneously. The solid bore shall have field changeable tips with orifices of either 3/8", 1/2", 5/8", 3/4", 7/8", 15/16", 1", or 1 1/8" and the fog shall flow. The nozzle shall have spinning teeth, multiple pattern detents, flush without shutting down, twist shutoff of the fog stream, and a full time swivel inlet. The bale shutoff of the smooth bore shall be with dual drive trunnions. The nozzle shall also be constructed of lightweight Pyrolite, have a shutoff ball with flow diversion for the fog waterway, have a 10 year warranty and meet NFPA 1964.

Single Shutoff SaberJet™ Nozzles - SSO

A combination solid stream and fog nozzle with the capability to flow either stream independently. The solid bore shall have field changeable tips with orifices of either 3/4", 7/8", 15/16", or 1" and the fog shall flow 135 gpm at 100 psi. The nozzle shall have a three position ball for changing streams, spinning teeth, multiple pattern detents, flush without shutting down, and a full time swivel inlet. The bale shutoff shall be with dual drive trunnions. The nozzle shall also be constructed of lightweight Pyrolite, have a shutoff ball with flow diversion for the fog waterway, come with a 10 year warranty and meet NFPA 1964.



1577 SaberMaster

A combination solid stream and fog master stream nozzle with the capability to flow either a true unobstructed solid bore stream or a fully adjustable fog stream. The solid bore shall be a full 2" diameter and the fog shall be rated to flow 1250 gpm at 80 psi. The nozzle shall have electric pattern selection from solid bore to wide fog controlled by a 12V or 24V motor, a built-in stream shaper, a 2 1/2" swivel or 3 1/2" swivel base, and be construction of durable, lightweight Pyrolite. The nozzle shall also be equipped with a manual override feature to allow manual stream adjustment.

Turbojet Nozzles

Lightweight fog and straight stream nozzle with multiple fixed constant gallonage settings. The nozzle shall have spinning teeth, multiple pattern detents, a one piece solid rubber-like handle with dual handle stops, dual drive trunnions and an extruded Pyrolite body. The nozzle shall also have a minimum 110° angle at wide fog, a full-time swivel inlet, com with a ten year warranty, be capable of flushing without shutting down. Must meet all aspects of NFPA 1964 with test results available.

Turbomaster. Master Stream Nozzle

Combination fog and straight stream constant gallonage nozzle with four variable settings. Nozzle shall be constructed of lightweight Pyrolite, have spinning teeth, a large rubber - like control ring, and a 2 1/2" swivel. It shall have variable pattern selection from straight stream to wide fog with continuous detents for more positive positioning.

Style Flow Settings

1745 250, 400, 550, & 750 gpm

1755 500, 750, 1000, & 1250 gpm

1757 350, 500, 750, & 1000 gpm

3061, 3062, 3096, 3097, 3126 & 3127 Portable and Truck By-Pass Eductors

The 60, 95, or 125 gpm bypass eductors shall be of brass construction, and be capable of adjusting the handle in one of eight positions by the removal of one bolt. The eductor shall have 2" victaulic or threaded connections, and have an infinitely adjustable metering panel with detents at 1/4, 1/2, 1, 3 & 6%. The unit shall be capable of having an off truck access kit operating through the metering panel by use of a quick disconnect.

4460, 4461 Rampage™ Master Stream Nozzles

A combination fog and straight stream, constant gallonage nozzle with a built-in stream shaper and a fixed 500, 750, 1000 or 1250 gpm flow setting. The nozzle shall have a 2 1/2" rigid female inlet, a built-in grease fitting, twist shutoff capability (style 4460 only), and corrosion resistant brass and stainless steel construction. The nozzle shall be capable of straight stream reach of over 200 feet and shall have a minimum wide fog angle of 90°.

Assault Nozzles

Lightweight fog and straight stream nozzle with fixed constant gallonage settings labeled on the baffle head. Nozzle shall have spinning turbine teeth, molded teeth or no teeth, multiple pattern detents, a one-piece solid rubber-like handle with dual stops, dual drive trunnions, and an extruded Pyrolite body. The nozzle also shall have a minimum 110° fog pattern (1" 105°), a fulltime swivel inlet, be capable of flushing without shutting down, and a ten year warranty. Must meet all aspects of NFPA 1964 with test results available.

5051, 5055 & 5056 Akromatic 1000 Master Stream Nozzles

Combination fog and straight stream master stream nozzle with automatic flow mechanism that maintains a consistent pressure throughout a flow range of 350 to 1000 gpm. The nozzle shall have spinning teeth and have a 2 1/2" swivel base.

5160, 5075, 5077 & 5177

Akromatic 1250 Master Stream Nozzles

Combination fog and straight stream master stream nozzle with automatic flow mechanism that provides a flow range of either 250 to 1000 gpm or 250 to 1250 gpm at 80 psi. The nozzle shall be constructed of durable, lightweight Pyrolite.

Akromatic 2000 Master Stream Nozzles

STYLES 5170, 5071 and 5178

Combination fog and straight stream master stream nozzle with automatic flow mechanism that maintains a consistent pressure throughout a flow range of either 500 to 1500 gpm or 500 to 2000 gpm at 80 psi.

Excel 1000 Master Stream Nozzles

Combination fog and straight stream constant gallonage nozzle with four settings - 300, 500, 800 and 1000 gpm. Flow settings may be changed by rotation of the baffle head. Nozzle shall have a 2 1.2" swivel inlet and spinning teeth. It shall have variable pattern selection from straight stream to wide fog with continuous detents for more positive positioning. (Specify Pyrolite or cast)

Junction Box:

Junction Box Model EJB Electrical Junction Box

The electrical junction box shall be a heavy duty, cast aluminum that has at least one quarter of an inch (1/4") thick walls and the four corner edges shall be at least one half of a inch (1/2") thick to withstand the roughest of handling. The carrying handle shall be large enough to fit a fully gloved hand and be an integral part of the box casting. Each side of the electrical junction box shall be fitted with a quarter of inch (1/4") thick polypropylene faceplates. Faceplates shall be backlit so that plug orientation to the receptacle is quick and easy to align. Each electrical junction box shall be equipped with four (4) electrical receptacles (two on each side) as specified by the user. Each receptacle shall be equipped with a spring loaded snap cover that is marked in white lettering with that receptacles voltage and ampere rating. All electrical receptacles, plugs and snap type weather proof covers shall be UL Listed components. No junction box with a light on top of the box will be acceptable. Electrical junction box shall be manufactured by an ISO 9001 certified company.

Hand Tools:

Ultra Lite Pike Pole

An Akron Brass, Ultra-Lite Pike Pole shall be constructed of 1 1/4" hollow, round shaped, yellow fiberglass creating a heavy-duty lightweight pike pole. The Ultra-Light Pike Pole shall come in lengths of 3' to 16', have hook options of USA hook, Dry Wall Hook, Rubbish Hook, Multi-Purpose, or Shredder. The hooks shall be assembled to the fiberglass pole with heavy duty spring pins for ease of repair. The handle end of the pole shall consist of a rubber bumper or a D-Handle. The fiberglass rod shall be tested using the ASTM D-638 method and have a longitudinal tensile strength of 30,000 psi. The Ultra-Lite pike pole shall be electrically resistant, require no maintenance, and have a 5 year warranty.

PP Gripper Pike Pole

An Akron Brass, Gripper Pike Pole shall be constructed of 3/8" x 1-1/8" elliptical shaped, yellow fiberglass creating a heavy-duty pike pole. The Gripper Pike Pole shall come in lengths of 3' to 16', have hook options of USA hook, Dry Wall Hook, Rubbish Hook, Multi-Purpose, or Shredder. The hooks shall be assembled to the fiberglass pole with heavy duty spring pins for ease of repair. The handle end of the pole shall consist of a rubber bumper or a D-Handle. The fiberglass rod shall be tested using the ASTM D-638 method and have a longitudinal tensile strength of 100,000 psi. The Gripper pike pole shall be electrically resistant, require no maintenance, and have a 5 year warranty.

IB I-Beam Pike Pole

An Akron Brass, I-Beam Pike Pole shall be constructed from a one piece pulltrusion of 1" x 1½" solid fiberglass with an "I-Beam" shape. The I-Beam Pike Pole shall come in lengths of 3' to 16', have hook options of USA hook, Dry Wall Hook, Rubbish Hook, Multi-Purpose, or Shredder. The handle end of the pole shall consist of a rubber bumper or a D-Handle. The top of the pike pole shall be grooved to identify the position of the hook on the end of the pole. The I-Beam pike pole shall be electrically resistant, require no maintenance, and have a 5 year warranty.

WR Wood Pike Pole

An Akron Brass, Wood Pike Pole shall be constructed of 1 3/8" white ash with a shellac finish. The wood pike pole shall have a 5 year warranty. The Wood Pike Pole shall come in lengths of 3' to 16', have hook options of USA hook, Dry Wall Hook, Rubbish Hook, Multi-Purpose, or Shredder. The wood pike pole shall have a 5 year warranty.

UT Ultra Tough Pike Pole

An Akron Brass, Ultra-Tough Pike Pole shall be constructed of 11/4" round shaped, yellow fiberglass with a honeycomb meshed fiberglass core creating a heavy-duty lightweight pike pole. The Ultra-Tough Pike Pole shall come in lengths of 3' to 16', have hook options of USA hook, Dry Wall Hook, Rubbish Hook, Multi-Purpose, or Shredder. The hooks shall be assembled to the fiberglass pole with heavy duty spring pins for ease of repair. The handle end of the pole shall consist of a rubber bumper or a D-Handle. The Ultra-Tough pike pole shall be electrically resistant, require no maintenance, and have a 5 year warranty.

Reels:

ERWB Electric Rewind Booster Reel

An Akron Brass, Cord Reel item ERWB electric rewind booster reel shall be provided. The booster reel can be ordered with up to (2) guide rollers sets or installed at a later date in the field. The guide rollers are chrome finished for a polished look. All metal parts, except for the electric motor, chain and sprocket teeth, shall be powder painted red or silver at no additional charge. All hardware shall be stainless steel. Each booster reel shall have disks with rolled edges to prevent sharp edges. Each booster reel shall include a 1" NPT 90° swivel with female threads on the inlet and 1" NH male threads on the outlet. It shall also come standard with a chain guard, hand crank and tensioner. The manual override shall be available from the front of the reel at a vertical location (standard) and have the option for horizontal or a 30° angle. Each reel shall be rated at 1500 psi with a 4:1 safety factor. Each booster reel shall be shipped completely assembled and ready to install and include mounting instructions. Each booster reel shall come with the solenoid, switch and circuit breaker as standard at no additional charge and be covered by a 5 year warranty, including the motor.

ERWC-15-10 15" Electric Rewind Cord Reel

An Akron Brass, Cord Reel item ERWC-15-10 15" electric rewind cord reel shall be provided. Each cord reel shall be equipped with a universal frame that will allow the 12 volt motor to be mounted in four different positions. The customer shall have the ability to move the motor from front to back or side to side without having to purchase extra parts. Each reel shall have the option to be ordered with a rear mount motor or can be changed to rear mount by using a conversion kit at a later date. Reels shall be manufactured by an ISO 9001 certified company. The hub shall easily be removed for ease of installation by removing the chain guards and four bolts that secure the hub to the frame. All metal parts, except for the electric motor and sprocket teeth, shall be powder painted red. All hardware shall be stainless steel. Each cord reel shall have disks with rolled edges to prevent sharp edges. Each cord reel shall include slip rings that are internally pre-wired with a 1' pigtail exiting the hub for ease of connections. The customer shall have their choice of a gang box for Power In connections mounted directly to the hub or use up to a 4' pigtail at no additional charge. Each cord reel shall be shipped completely assembled and ready to install and include mounting instructions. Each cord reel shall come with the solenoid, switch and circuit breaker as standard at no additional charge and be covered by a 5 year warranty, including the motor.

ERWH-15-10 Electric Rewind Hydraulic Reel

An Akron Brass, Cord Reel item ERWH-15-10 15" electric rewind hydraulic reel shall be provided. Each cord reel shall be equipped with a universal frame that will allow the 12 volt motor to be mounted in four different positions. The customer shall have the ability to move the motor from front to back or side to side without having to purchase extra parts. Each reel shall have the option to be ordered with a rear mount motor or can be changed to rear mount by using a conversion kit at a later date. Reels shall be manufactured by an ISO 9001 certified company. The hub shall easily be removed for ease of installation by removing the chain guards and four bolts that secure the hub to the frame. All metal parts, except for the electric motor and sprocket teeth, shall be powder painted red or silver at no additional charge. All hardware shall be stainless steel. Each cord reel shall have disks with rolled edges to prevent sharp edges. Each cord reel shall include a ½" NPT swivel with female threads on the inlet and -4 JIC swivel with male threads on the outlet. Each reel shall have a capacity of holding 100' of 1/4" ID twin hydraulic hose plus the additional 10% per NFPA requirements. Each reel shall be rated at 10,500 psi with a 2:1 safety factor. Each cord reel shall be shipped completely assembled and ready to install and include mounting instructions. Each cord reel shall come with the solenoid, switch and circuit breaker as standard at no additional charge and be covered by a 5 year warranty, including the motor.

Monitors:

911 Ozzie™ Oscillating Monitor

Portable Oscillating Monitor with a water-driven motor for unaided operation. The unit shall have a flow capability of 375 gpm with a single 2 1/2" swivel inlet. The unit shall also have up to a 60° sweep span and a minimum 40° sweep per minute speed at rated pressure. It shall be constructed of lightweight Pyrolite® for easy handling and the weight shall not exceed 29 lbs.

922 OzzieMaster™ Oscillating Monitor

Portable Oscillating Monitor with a water-driven motor for unaided operation. The unit shall be compatible with both the single and dual inlet Apollo Ground Bases. The unit shall flow 1000 gpm with the Apollo Single Inlet Ground Base and 750 gpm with the Apollo Dual Inlet Ground Base and the direct mount flange. The unit shall also have up to 50° sweep span. It shall be constructed of lightweight Pyrolite® for easy handling and the weight shall not exceed 28 lbs.



1494 Electric Ladder Pipe

The 1000gpm rated monitor shall be constructed of lightweight PyroliteD and weigh not more than 35lbs. The monitor shall be 36" in length and have a elevation range of 135° with three adjustable stops. The monitor shall have a fully enclosed motor and gears with manual over-ride for the elevation axis. The logic box shall include coated, solid state components to resist water corrosion. Each control box shall control the vertical rotation of the monitor along with the pattern of the nozzle, and the lower control box will override the upper control box when operated simultaneously. The ladder pipe shall have mounting clamps that are adjustable to fit up to 16" rung spacing.

3356 Trident High Flow Electric Monitor

The 2000gpm rated monitor is to be an all electric single waterway monitor constructed of lightweight Pyrolite®. The monitor shall have a 4", 150lb. inlet flange and a 3.5" NH threaded outlet elbow, or optional integrated dual flow aspirated or non-aspirated nozzle. Each elbow shall have cast-in turning vanes and the friction loss at full flow shall not exceed 29psi. The monitor shall have fully enclosed motor and gears with spring loaded, hand wheel operated manual overrides for both horizontal and vertical rotation. The manual override hand wheels shall not spin during normal monitor operation. The maximum vertical elevation shall be 100° of travel from 70° above horizontal to 30° below horizontal and can be adjusted to 45° above and 10° below horizontal with optional hard stops. The elevation elbow shall incorporate a gas strut for supporting large aspirating foam nozzles. The maximum horizontal rotation shall be 355° and may be adjusted to 270° or 180° with optional hard stops. Both the vertical and horizontal elbows shall have single turn position feedback sensors that will provide fully programmable soft limits between the hard stop settings. The monitor shall have a one-touch, programmable automatic stow and deploy function. The monitor shall have fully programmable automatic oscillation for the horizontal axis. The monitor shall have programmable obstacle avoidance with both manual and automatic operation modes. The monitor shall use the style 6032 universal II control system logic box. The logic box shall have two multi-pin connectors, one for the monitor interface and one for the vehicle interface and have an IP65 rated enclosure with pressure equalization device. The control system shall be capable of operating on 12 or 24 volt dc systems without extra devices, i.e. voltage converters. The control system shall be capable of communicating over the Controller Area Network (CAN) bus to vehicle mounted peripheral control devices. The weight of the monitor shall be 70lbs. less nozzle.

3406 Electric Riser for DeckMaster

The electric riser shall be of three piece telescoping design to reduce required mounting space to an overall length of 18 1/2". The telescoping waterway shall be 3" diameter and constructed of hard anodized aluminum extrusion with grease fittings and positive stops. The riser will provide 12 inches of extension. The electric riser control system shall communicate to the electric monitor control system, so that it can be integrated into the stow/deploy function of the monitor. The electric riser control system shall use back EMF sensing and current limiting technology to control the drive system.

3421 Apollo™ Dual Inlet Portable

3423 Apollo™ Dual Inlet Portable and Deck Monitor

Portable ground base monitor with two 2 1/2" or 3" clappered swivel inlets. The base will have folding legs with no locking mechanism required to keep legs in place. The monitor shall have handwheel elevation control from 90° above to 15° below horizontal with an elevation safety stop at 35° above horizontal; 360° continuous rotation when in the deck mode flowing 1250 gpm and 180° in the portable mode flowing 800 gpm; horizontal locking mechanism and stops to prevent accidental over-rotation; a full 3" waterway with cast-in turning vanes in each elbow. A 3" NPT & 3" flange combination deck mount shall be supplied (3423 only). The monitor shall also include a pressure gauge, carry handle, grease fittings, safety chain, hardened steel ground spikes and Pyrolite® construction. Deck height not to exceed 12", base weight: 32 lbs., liftoff weight: 23 lbs.

3414 Apollo™ Dual Inlet Portable

3416 Apollo™ Dual Inlet Portable and Deck Monitor

Portable ground base monitor same as the 3421/3423 Apollo Dual Inlet, except specify inlet as a single 4", 4 1/2", or 5" thread or 4" or 5" storz, and gpm flow in the portable mode is 1000 gpm. Deck height not to exceed 12", base weight 38 1/2 lbs., liftoff weight: 23 lbs.

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

Portable ground base monitor with two 2 1/2" or 3" clappered swivel inlets. Base shall have folding legs with no locking mechanism required to keep legs in place. The monitor shall have handwheel elevation control from 90° above to 45° below horizontal with an elevation safety stop 35° above horizontal; 360° continuous rotation in the deck mode flowing 1250 gpm and 180° in the portable mode flowing 800 gpm; horizontal locking mechanism and stops to prevent accidental over-rotation; a full 3" waterway with cast-in turning vanes in each elbow and a 3" direct mount flange. While in the deck mode, the unit must have the ability to pivot to a position 24" above the base of the flange. The monitor shall also include a pressure gauge, carry handle, grease fittings, safety chain, hardened steel ground spikes and PyroliteD construction. Deck mount not to exceed 15 1/4" in he stowed position. Liftoff weight: 31 lbs. base weight: 32 lbs.

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

Portable ground base monitor same as the Style 3433 Apollo Hi-Riser, except specify inlet as a single 4", 4 1/2", or 5" thread or 4" or 5" storz, and gpm flow in the portable mode is 1000 gpm. Base weight 38 1/2 lbs

3425 Aries Monitor

The 1250gpm rated monitor shall be made of lightweight Pyrolite construction and have a 3" single waterway. All elbows shall have cast-in turning vanes. A single hand wheel for elevation control from 60° below to 90° above horizontal and a horizontal travel to be 360° with a twist lock brake. Monitor shall have a 3" 150 lb flange inlet and 2.5" NH threaded outlet.

3430 GP Manual Monitor

The 1000 gpm rated monitor shall have a DN80 or 3" ANSI flanged inlet 2.5" waterway with a 2.5" NH discharge outlet. The discharge outlet shall have a built in stream shaper element. The vertical and horizontal travel locks shall incorporate round manual knobs. A "T" handle tiller bar shall be provided for vertical and horizontal position adjustment. Enhanced, compact design provides for less tip weight which translates to lower handle operating force. The monitor height shall not exceed 14-7/16" from the flange to the top of the outlet elbow (less nozzle) when in the vertical position. All elbows shall have cast-in turning vanes. The monitor shall have a vertical travel of 135° and horizontal travel of 360°.

3440 DeckMaster™ Electric Monitor

The 1250 gpm rated monitor is to be an all electric single waterway monitor with automated elevating capability, 3" 150 pound flange inlet, 2 1/2" NH threaded outlet, cast-in turning vanes in each elbow, constructed of lightweight Pyrolite. The monitor shall have fully enclosed 12 or 24 volt motor and gears with manual override for horizontal, vertical, and elevation rotation. Each manual override will have a non-captive crank with a clip bracket on the monitor for storage. The monitor is not to exceed, 17" high, 16 3/4" wide, and 17" deep in the stowed position. The center of the waterway will elevate to a height of 24" above the base of the flange. The outlet shall have a vertical rotation of 45° below horizontal to 90° above horizontal and 344° of horizontal rotation will be achievable with adjustable stops. The electronic control system shall include two multi-pin connectors for the monitor and apparatus interface and have an IP65 rated enclosure with pressure equalization device. The electronic control system shall be capable of communicating on the J1939 CAN bus system and have nine digital inputs and three digital outputs that can be used for monitor control. The electronic control system shall have a bi stable electro-mechanical relay provision for a second deployed indicator light in the apparatus cab. Each operator interface shall control the vertical and horizontal position of the monitor, and the pattern of the nozzle using toggle switches or membrane type push buttons. The operator interface will also have a toggle switch or membrane type push buttons to command the monitor into a user programmed stowed or deployed position. The operator interface shall have an LED light or alphanumeric display to indicate when the monitor is deployed and provide codes for system diagnostics.

3443 Mercury Quick Attack Monitor

The 500 gpm portable monitor shall be a lightweight, compact size, quick attack monitor. It shall have a 2 1/2" inlet with a full time swivel and a 2 1/2" outlet. The monitor should weigh no more than 14 lbs less the nozzle, and have dimensional layout of 9"H x 14.5"L x 23.5"W (deployed). The legs shall fold away to reduce the width down to 7.75". The monitor shall have $\pm 20^\circ$ of rotation and 60° to 30° elevation range for unmanned use. The handle shall consist of a spring-loaded mechanism that lets the user travel down to 20° of elevation for manned use. The legs shall have a T design and have carbide tip spikes. The monitor shall have a safety strap and hook that is mounted to the monitor and can be hooked to itself to be used as a carrying strap. The monitor shall have an unobstructed waterway with a friction loss no more than 8psi at full flow. It shall have a Ball shut-off valve with the Akron Tork-Lok mechanism. The material shall be of PyroliteD construction with the Akro-Tec coating and chrome trim. The outlet shall have a reflective band for night visibility.

3446 MercuryMaster1000 Monitor

The 1000gpm portable monitor shall be a lightweight, compact size monitor. It shall have a single inlet with 5" NH swivels with a 2 1/2" NH outlet. The monitor should weigh no more than 24lbs less the nozzle, and have dimensional layout of 9 3/4"H x 21"L x 25"W (deployed). The legs shall fold away to reduce the width down to 12 1/2". The monitor shall have $\pm 20^\circ$ of rotation and 60° to 30° elevation range for unmanned use. The legs shall have a T design and have carbide tip spikes. The monitor shall have a safety strap and hook that is mounted to the monitor and can be hooked to itself to be used as a carrying strap. The monitor shall have an unobstructed waterway with a friction loss no more than 12psi at full flow. It shall have a Ball shut-off valve with the a gear actuator mechanism. The material shall be of Pyrolite construction with the Akro-Tec coating and chrome trim. The outlet shall have a reflective band for night visibility and an integrated stream shaper better stream performance.

3450 Ultra-High Pressure Monitor

The 300gpm rated monitor shall be an all electric single waterway monitor constructed of stainless steel. The monitor shall have a 2" NPT inlet and a 1 1/2" NH outlet. The monitor shall have fully enclosed 12 or 24 volt motors. Each joint shall be ball bearing free and have a maximum pressure rating of 1500psi. The monitor shall not to exceed 11 9/32"H x 15 25/32"W x 11 1/2"L. The vertical travel shall be from 30° below to 75° above horizontal and the horizontal rotation shall be 180°. Each control box shall control the vertical and horizontal rotation of the monitor. The travel speed for each joint shall be 20°/sec. The monitor shall have horizontal position feedback and the option for a programmable stow position, auto oscillation, and control of valve operation. The monitor shall use the style 6032 universal II control system logic box. The logic box shall have two multi-pin connectors, one for the monitor interface and one for the vehicle interface and have an IP65 rated enclosure with pressure equalization device. The control system shall be capable of operating on 12 or 24 volt dc systems without extra devices, i.e. voltage converters. The control system shall be capable of communicating over the Controller Area Network (CAN) bus to vehicle mounted peripheral control devices. The weight of the monitor shall be 61lbs. less nozzle.

3462 Forestry Bumper Monitor

The 300gpm rated monitor is to be an all electric single waterway monitor constructed of lightweight Pyrolite. The monitor shall have cast-in turning vanes in each elbow. The monitor shall have fully enclosed motors and gears with manual overrides for both horizontal and vertical rotation and may be operated simultaneously. The monitor is not to exceed 13 3/16" high and 11 9/16" wide. The vertical travel shall be from 45° below to 90° above horizontal with adjustable stops at -20° and +45°. The horizontal rotation shall be 320° with adjustable stops at $\pm 90^\circ$. The control system electronics shall be integrated with the monitor wiring harness. The control system shall use sealed, locking connectors for the monitor and nozzle motors. Two additional sealed, locking connectors shall be supplied for input power/electric valve control and J1939 CAN bus interface. A sealed USB connector shall be provided for updating control system firmware. All electrical connectors shall be minimum IP65 rated. The operator interface shall consist of a CAN bus compatible joystick which will provide up, down, right, left, fog, and stream control of the monitor. The joystick shall have a trigger switch to control an optional electric discharge valve. The monitor shall include a 5' long power/valve harness and 20' long CAN joystick harness.

3463 FireFox™ Electric Remote Controlled Monitor

The 500 gpm rated monitor is to be an all electric single waterway monitor constructed of lightweight Pyrolite with a 2" or 2 1/2" NPT inlet with an options for a 2" NPT quick disconnect inlet, 1 1/2" flange, or 3" flange. The monitor shall have a 1 1/2" outlet with cast-in turning vanes in each elbow. The monitor shall have fully enclosed 12 or 24 volt motor and gears with manual overrides for both horizontal and vertical rotation and may be operated simultaneously. The monitor is not to exceed 11 3/4" high and 11 1/2" wide. The vertical travel shall be from 45° below to 90° above horizontal with adjustable stops at -20° and +45°. The horizontal rotation shall be 320° with adjustable stops at $\pm 90^\circ$. The electronic control system shall include two multi-pin connectors for the monitor and apparatus interface and have an IP65 rated enclosure with pressure equalization device. The electronic control system shall be capable of communicating on the J1939 CAN bus system and have nine digital inputs and three digital outputs that can be used for monitor control. The electronic control system shall have a bi stable electro-mechanical relay provision for a second deployed indicator light in the apparatus cab. Each operator interface shall control the vertical and horizontal position of the monitor, and the pattern of the nozzle using a joystick, toggle switches or membrane type push buttons. The operator interface will also have a toggle switch or membrane type push buttons to command the monitor into a user programmed stowed or deployed position. The operator interface shall have an LED light or alphanumeric display to indicate when the monitor is deployed and provide codes for system diagnostics.



3470 Gemini™ Manual Monitor

A split waterway deck pipe with two handwheel controls. Unit shall have gear operated horizontal travel of 360°. Friction loss not to exceed 10 psi at 1000 gpm. Constructed of lightweight PyroliteD. Height not to exceed 17" with NPT inlet and width not to exceed 10 1/4". To be equipped with pressure gauge and gauge guard and 2 1/2" male thread discharge.

3471 Gemini Brass Manual Monitor

Change Style 3470 specifications from Pyrolite to brass.

3479 Gemini Electric Monitor

The 1000gpm rated monitor is to be an all electric split waterway monitor constructed of lightweight PyroliteD with a 150-pound flange or NPT threaded inlet shall be provided. The outlet shall be a 2.5" threaded outlet with cast-in turning vanes in each elbow and friction loss not to exceed 10 psi at 1000 gpm and also equipped with a pressure gauge. The monitor shall have fully enclosed motors and gears with manual overrides for both horizontal and vertical rotation. The manual overrides shall have captive cranks, one for horizontal and one for vertical rotation, and may be used simultaneously. The monitor is not to exceed 20" high and 13 1/4" wide. The outlet vertical rotation shall be from 45° below to 90° above horizontal with adjustable stops. The adjustable horizontal rotation stops shall be preset at 90° left and right of center and a rotation of 348° shall be possible. The electronic control system shall include two multi-pin connectors for the monitor and apparatus interface and have an IP65 rated enclosure with pressure equalization device. The electronic control system shall be capable of communicating on the J1939 CAN bus system and have nine digital inputs and three digital outputs that can be used for monitor control. The electronic control system shall have a bi stable electro-mechanical relay provision for a second deployed indicator light in the apparatus cab. Each operator interface shall control the vertical and horizontal position of the monitor, and the pattern of the nozzle using toggle switches or membrane type push buttons. The operator interface will also have a toggle switch or membrane type push buttons to command the monitor into a user programmed stowed or deployed position. The operator interface shall have an LED light or alphanumeric display to indicate when the monitor is deployed and provide codes for system diagnostics.

3491 Severe-Duty Monitor

The 750gpm rated monitor shall be an all electric single waterway monitor constructed of stainless steel. The Severe-Duty monitor shall have a 2 1/2" NPT inlet and a 2 1/2" NH outlet. The monitor shall have fully enclosed 24 volt or hydraulic motors. Each joint shall be ball bearing free and have a maximum pressure rating of 200psi. The monitor shall not to exceed 10" H x 10 1/2" W x 13 5/32" D. The vertical travel shall be from 65° below to 90° above horizontal and the horizontal rotation shall be 320°. Each control box shall control the vertical and horizontal rotation of the monitor. The travel speed for each joint shall be 20°/sec. The monitor shall have the option for a programmable stow position, auto oscillation, and control of valve operation.

3522 Omega XPV-SPL Monitor

The 1250gpm rated monitor shall have a 4" flange waterway with a 2.5" NH discharge outlet and be of brass construction. The vertical and horizontal travel locks shall incorporate an off center stainless steel "T" brake handles and full contact brake band within the swivel joint. All elbows shall have cast-in turning vanes. The monitor shall have an integrated heavy duty 3" ball valve between the inlet flange and monitor waterway. The valve shall have a stainless steel ball and extended length operating handle. The valve handle travel shall be no more than 90° from the valve fully closed to valve fully open position. The elevation and rotation joints shall have additional internal and external environmental seals. The brake handles and valve handle shall have additional internal environmental seals. The monitor shall be finished with a two part urethane paint for corrosion and UV resistance. The monitor shall have a vertical travel of 135° and horizontal travel of 360° with an operating pressure of 200 psi.

3523 Omega XPV Monitor

The 1250gpm rated monitor shall have a 4" flange waterway with a 2.5" NH discharge outlet and be of brass construction. The vertical and horizontal travel locks shall incorporate an off center brake handle and full contact brake band within the swivel joint. All elbows shall have cast-in turning vanes. The monitor shall have an integrated heavy duty 3" ball valve between the inlet flange and monitor waterway. The valve shall have a stainless steel ball and operation handle. The valve handle travel shall be no more than 90° from the valve fully closed to valve fully open position. The monitor shall have a vertical travel of 135° and horizontal travel of 360° with an operating pressure of 200 psi.

3525 Brass Aries™ Monitor

The 1250gpm rated monitor shall have a 3" single waterway. All elbows shall have cast-in turning vanes. Single hand wheel for elevation control from 60° below to 90° above horizontal. Horizontal travel to be 360° with a twist lock. 3" or 4" 150 lbs. flange inlet and 2 1/2" NH outlet. The monitor shall have "U" port for an optional drain valve.

3526 3" Omega™ Monitor

Single waterway brass monitor with friction loss not to exceed 10 psi at 800 gpm. Monitor to be all brass construction with 3" waterway and 2 1/2" male discharge. The vertical travel lock shall incorporate a friction lock within the swivel joint. All elbows shall have cast-in turning vanes. Monitor shall have a vertical travel of 150° and horizontal travel of 360°.

3528 OMEGA XP MONITOR

The 1250gpm rated monitor shall have a 3" flange waterway with a 2.5" NH discharge outlet and be of brass construction. The vertical and horizontal travel locks shall incorporate an off center brake handle and full contact brake band within the swivel joint. All elbows shall have cast-in turning vanes. The monitor shall have a vertical travel of 135° and horizontal travel of 360°.

3578 StreamMaster™ Electric Monitor

The 2000 gpm rated monitor is to be an all electric single waterway monitor constructed of lightweight PyroliteD with a 4", 150 pound flange inlet and 3 1/2" NH thread outlet with cast-in turning vanes in each elbow. The monitor shall have fully enclosed 12 or 24 volt motors and gears with manual overrides for both horizontal and vertical rotation. The manual overrides shall have captive cranks, one for horizontal and one for vertical rotation, and may be used simultaneously. The monitor is not to exceed 16 1/4" high and 12 1/4" wide. The outlet vertical rotation shall be from 45° below to 90° above horizontal with adjustable stops. The adjustable horizontal rotation stops shall be preset at 90° left and right of center and a rotation of 348° shall be possible. The electronic control system shall have a bi stable electro-mechanical relay provision for a second deployed indicator light in the apparatus cab. Each operator interface shall control the vertical and horizontal position of the monitor, and the pattern of the nozzle using toggle switches or membrane type push buttons. The operator interface will also have a toggle switch or membrane type push buttons to command the monitor into a user programmed stowed or deployed position. The operator interface shall have an LED light or alphanumeric display to indicate when the monitor is deployed and provide codes for system diagnostics.

3598 StreamMaster™ XT Electric Monitor

The 2000 gpm rated monitor is to be an all electric single waterway monitor constructed of lightweight PyroliteD with a 4", 150 pound flange inlet and 3 1/2" NH thread outlet with cast-in turning vanes in each elbow. The monitor shall have fully enclosed 12 or 24 volt motors and gears with manual overrides for both horizontal and vertical rotation. The manual overrides shall have captive cranks, one for horizontal and one for vertical rotation, and may be used simultaneously. The monitor is not to exceed 16 1/4" high and 12 1/4" wide. The outlet vertical rotation shall be from 45° below to 120° above horizontal with adjustable stops. The djustable horizontal rotation stops shall be preset at 90° left and right of center and a rotation of 348° shall be possible. The electronic control system shall have a bi stable electro-mechanical relay provision for a second deployed indicator light in the apparatus cab. Each operator interface shall control the vertical and horizontal position of the monitor, and the pattern of the nozzle using toggle switches or membrane type push buttons. The operator interface will also have a toggle switch or membrane type push buttons to command the monitor into a user programmed stowed or deployed position. The operator interface shall have an LED light or alphanumeric display to indicate when the monitor is deployed and provide codes for system diagnostics.

3580 Renegade™ Electric Monitor

The 5000 gpm rated monitor is to be an all electric dual water way monitor constructed of lightweight Pyrolite with an 8", 150 lbs flange inlet and a 6", 150 lbs flange or 6" Storz outlet. Each elbow shall have cast-in turning vanes and the friction loss at full flow shall not exceed 27lbs. The monitor shall have fully enclosed 12 or 24volt motors and gears with manual overrides for both horizontal and vertical rotation. The current draw for each motor shall not exceed 3 amps while flowing. The monitor shall be able to orientate the middle elbow in three positions 90°, 45° & 22.5°. The outlet vertical rotation shall be from 45° below to 90° above horizontal. The horizontal rotation shall be 340° and may be adjusted to _ + 20° from center. Each axis shall have potentiometer for positioning feed back and the weight of the monitor shall be less than 150 lbs. The electronic control system shall have a bi stable electro-mechanical relay provision for a second deployed indicator light in the apparatus cab. Each operator interface shall control the vertical and horizontal position of the monitor, and the pattern of the nozzle using toggle switches or membrane type push buttons. The operator interface will also have a toggle switch or membrane type push buttons to command the monitor into a user programmed stowed or deployed position. The operator interface shall have an LED light or alphanumeric display to indicate when the monitor is deployed and provide codes for system diagnostics.

3671 Conquest Manual Monitor

Heavy duty cast brass monitor shall have a 4" internal diameter single waterway with flow rates to 2000 gpm. Manual positioning shall be with two hand wheels (one for rotation and one for elevation) through a sealed, enclosed gearbox that uses a worm gear drive to hold set positions. Rotation is 360°, elevation is 90°above and -85° below horizontal. Water inlet shall be a 4" 150 lbs. flange mount, discharge is 3 1/2" NH thread. Elbows shall contain built in turning vanes. Rotational joints shall be ball bearing journal and have grease fittings.

3690 Storm Manual Monitor

Heavy duty cast brass monitor shall have a 5" internal diameter single waterway with flow rates to 2000 gpm. Manual positioning shall be with two hand wheels (one for elevation and one for vertical) through a sealed, enclosed gearbox that uses a worm gear drive to hold set positions. Rotation is 360°, elevation is 85°above and -45° below horizontal. Water inlet shall be a 4" 150lbs. flange mount, discharge is 4" or 3 1/2" NH thread. Elbows shall contain built in turning vanes. Rotational joints shall be ball bearing journal and have grease fittings.

Weldon Vehicular Lighting & Electrical Control

6000 V-MUX® Input/Output Node

Weldon V-MUX style 6000 Input/Output "Hercules" Nodes shall be provided for the multiplexed electrical system; with a durable extruded aluminum enclosure, sealed Deutsch connectors, (16) switch inputs, (3) analog sensor inputs, (26) output channels, dual A & B communication ports, and built in LED status indicators. The Hercules node shall be capable of carrying up to 120 amps of load at high temperatures, be field programmable, and support complete on-board diagnostics. [Item #6000-0000-04]

6010 V-MUX® Input/Output Mini Node

Weldon V-MUX style 6010 Input/Output "Mini" Nodes shall be provided for the multiplexed electrical system; with a durable Deutsch enclosure, sealed Deutsch connectors, (4) switch inputs, (1) analog sensor input, (12) output channels, dual A & B communication ports, and built in LED status indicators. The Mini node shall be capable of carrying up to 55 amps of load at high temperatures, be field programmable, and support complete on-board diagnostics. [Item #6010-0000-00]

6020 V-MUX® Input Node

Weldon V-MUX style 6020 "Input expansion" Nodes shall be provided for the multiplexed electrical system; with a durable Deutsch enclosure, sealed Deutsch connectors, (16) switch inputs, dual A & B communication ports, and built in LED status indicators. The Input expansion Node shall be field programmable. [Item #6020-0000-00]

6030 V-MUX® Input/Output Node

Weldon V-MUX style 6030 "8x16" Nodes shall be provided for the multiplexed electrical system; with a durable extruded aluminum enclosure, sealed Deutsch connectors, (8) switch inputs, (2) analog sensor inputs, (16) output channels, dual A & B communication ports, and built in LED indicators. The 8x16 Node shall be capable of carrying up to 80 Amps of load at high temperatures, be field programmable, and support complete on-board diagnostics. [Item #6030-0000-00]

6231 V-MUX® VISTA III

Weldon V-MUX style 6231 "Vista III" Nodes shall be provided as color display interfaces for the multiplexed electrical system; to indicate real-time status of doors, seats, sensors, and other components of the vehicle. The menu oriented displays shall allow the user to control interior and exterior vehicle lights, interior HVAC, system Diagnostics, engine High Idle, among other multiplexed functions. The Vista III shall support vehicle cameras, GPS display, and DVD video, through use of three NTSC-format video plug-in channels. The Vista III display shall have the ability to automatically change screens based on vehicle state so as to show warning message or status. Messages will be displayed in a variety of text fonts and color graphics. Device controls will be accessed by means of seven fixed buttons using a custom label and eight screen-based menu-driven buttons. The Vista III will support both flush surface mounting or 6" and 9" Pana Vise™ riser-mount options. [Item #6231-xxxx-xx: exact part number will be based on particular configuration.]

0N30-2390-00 V-MUX® VISTA III Touch Screen

Weldon V-MUX style 0N30-2390-xx "Touch screen Vista" Nodes shall be provided as touchable interactive color display interfaces for the multiplexed electrical system; to indicate real-time status of doors, seats, sensors, and other components of the vehicle. The menu oriented touch interface shall allow the user to control interior and exterior vehicle lights, interior HVAC, system Diagnostics, engine High Idle, among other multiplexed functions. The Touch screen Vista shall support vehicle cameras, GPS navigation, and DVD video, through use of four NTSC-format video channels. The Touch screen Vista display shall have the ability to automatically change screens based on vehicle state so as to show warning message or status. Messages will be displayed in a variety of text fonts and color graphics. Device controls will be nominally screen based, but with an option to combine the interface with style 6311 PODS Button Modules.[Item #0N30-2391-00 (Touch screen, flush mount), #0n30-2392-00 (Touch screen, surface mount)]



6241 V-MUX® Vista IV

Weldon V-MUX style 6241 "Vista IV" Nodes shall be provided as color display interfaces for the multiplexed electrical system; to indicate real-time status of doors, seats, sensors, and other components of the vehicle. The menu oriented displays shall allow the user to control interior and exterior vehicle lights, interior HVAC, system Diagnostics, engine High Idle, among other multiplexed functions. The Vista III shall support vehicle cameras, GPS display, and DVD video, through use of four NTSC-format video plug-in channels. The Vista display shall have the ability to automatically change screens based on vehicle state so as to show warning message or status. Messages will be displayed in a variety of text fonts and color graphics. Device controls will be accessed by means of seven fixed buttons using a custom label and eight screen-based menu-driven buttons. The Vista will support both flush surface mounting or 6" and 9" Pana Vise™ riser-mount options. [Item #6241-xxxx-xx: exact part number will be based on particular configuration.]

6300 V-MUX® Programmable On Demand Switches (PODS)

A Weldon V-MUX style 6310 "PODS" Controller with 6311 Button Modules shall be provided so as to support up to 64 programmable buttons which communicate along an expandable daisy-chaining serial link. The PODS Controller and Button Modules shall have built-in LED status indicators and be field programmable. [Item #6310-0000-24 (PODS Controller), #6311-0400-00 (4-button module), #6311-0300-00 (3-button module)]

6400 V-MUX® CAN Gateway Module

A Weldon style 6400 V-MUX "Gateway" Node shall be provided for multiplexed CAN/J-1939 communications; with a durable Deutsch enclosure, sealed Deutsch connectors, and built in LED status indicators. The 6400 series Gateway Node shall be field programmable. [Item #6400-0000-01]

6444-0000-00 Vehicle Data Recorder (VDR)

An Akron Brass or Weldon Style 6444 "Vehicle Data Recorder" (VDR) shall be provided so as to record all NFPA 1901 required information for up to 100 hours of live vehicle operation. The VDR will also record service brake status in addition to NFPA required items. A USB connection will be used to retrieve the recorded data. The VDR shall be capable of independent operation on hard-wired or J1939 systems as well as interfacing with a Weldon V-MUX multiplexed electrical system [Item #6444-0000-00]

6204-0000-00 Occupant Restraint Indicator

An Akron Brass or Weldon style 6204 "Occupant Restraint Indicator" (ORI) shall be provided so as to visually display NFPA 1901 required status of up to 12 seats in real-time with an audible safety alarm. The ORI will operate as an attached device to an installed Akron Brass or Weldon style 6444 Vehicle Data Recorder. [Item #6204-0000-01]

STYLE 6120 V-MUX® MODEM TRANSCEIVER

A Weldon style 6120 "Modem Transceiver" shall be provided so as to allow for remote Diagnostics sessions over a standard telephone line. The Modem Transceiver should have status and modem connection LED indicators. The modem indicator LED should be solid orange when connected and blink when transmitting and receiving data. The Modem Transceiver should function from 9 to 32v. [Item #6120-0000-00]

6500 V-MUX® Camera

A Weldon V-MUX Style 6500 Camera Kit shall be provided, rear view with a bracket. [Item 6500-0000-00]

6550 V-MUX® GPS Navigation Unit

A Weldon V-MUX style 6550 GPS Navigation Unit. The GPS unit will provide an output for an optional speaker set-up to support audible navigation prompts. GPS Unit maps will be preloaded and updateable via compact flash card. There shall be an SD card slot to load custom points of interest, additional map data, and future software updates. [Item #6550-0000-00]

0N70 V-MUX® Climate Control Module

A Weldon V-MUX style 0N70-1519-xx "Climate Control Module" (CCM) shall be provided as a dedicated node specifically for climate control. The CCM will be able to control two fans, an AC Compressor, a condenser, an evaporator, switches, and other interlocks. This module is to be used with the V-MUX 6231 Vista III display node for a fully automated climate control system.

[Item #0N70-1519-03 (Climate Controller, Fahrenheit) or 0N70-1519-04 (Climate Controller, Celsius)]

6160 D-TEK SYSTEM

A Weldon Style 6160 "D-TEK" wireless Transmitter/Base data system shall be provided as a vehicle preventive maintenance tool. The vehicle installed D-TEK 6161 Transmitter will automatically update a 6162 Base Unit attached to a central computer as to vehicle Engine Hours, Mileage, Fuel Used, Fuel Level, Tire Pressure, Oil Pressure, Oil Temperature, Coolant Temperature, and Battery Voltage. The 6160 D-TEK System will support Weldon D-Tek Tracker software that enables a fleet of vehicles to individually be tracked and logged. [Item# 6161-0000-00 (Vehicle installed D-TEK Transmitter), #6162-0000-00 (D-TEK Base Unit)]

Diamondback™ LED Perimeter Warning Lamp – 2" x 6"

Weldon Diamondback LED Perimeter Warning Lamp V26W Series shall be provided. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. Engineered Pure-Pattern™ optics shall be integral to the design for optimal light output from various angles. The lens cover shall be made from automotive quality high impact polycarbonate with scratch and haze resistant hard-coating for a superior, resilient finish. Lens colors shall be available in red, amber, blue, green, or clear (to specify) or alternatively, the Pure-Pattern™ optics can be specified with the same colors for a unique style and appearance. Two independently controlled LED segments or zones within each lamp head shall be provided and the flash patterns can be modified without disassembly of the light head. This process shall be done with a Windows CE device with an IrDA communications port or alternative approved wireless remote device. The lamp shall have an injection molded mounting pad that is integrated with the lamp head and it shall have a flush mount design with two screws and wire exit hole. The lamp shall be capable of 12 or 24 volt operations and there shall be a four-wire lamp hook-up. Designed to exceed NFPA, KKK, and SAE standards, the lamp shall be protected against reverse polarity, ESD, and transient voltage spikes (J1113-11) and it shall be fully tested for RF interference and susceptibility. The LED warning lamp shall have a 5-year warranty. An optional chrome-plated bezel may be provided and it shall have a durable automotive grade finish with excellent rugged brilliance.

Diamondback™ LED Perimeter Warning Lamp – 3" x 4"

Weldon Diamondback LED Perimeter Warning Lamp V34W Series shall be provided. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. Engineered Pure-Pattern™ optics shall be integral to the design for optimal light output from various angles. The lens cover shall be made from automotive quality high impact polycarbonate with scratch and haze resistant hard-coating for a superior, resilient finish. Lens colors shall be available in red, amber, blue, green, or clear (to specify) or alternatively, the Pure-Pattern™ optics can be specified with the same colors for a unique style and appearance. Two independently controlled LED segments or zones within each lamp head shall be provided and the flash patterns can be modified without disassembly of the light head. This process shall be done with a Windows CE device with an IrDA communications port or alternative approved wireless remote device. The lamp shall have an injection molded mounting pad that is integrated with the lamp head and it shall have a flush mount design with four screws and wire exit hole. The lamp shall be capable of 12 or 24 volt operations and there shall be a four-wire lamp hook-up. Designed to exceed NFPA, KKK, and SAE standards, the lamp shall be protected against reverse polarity, ESD, and transient voltage spikes (J1113-11) and it shall be fully tested for RF interference and susceptibility. The LED warning lamp shall have a 5-year warranty. An optional chrome-plated bezel may be provided and it shall have a durable automotive grade finish with excellent rugged brilliance.

Diamondback™ LED Perimeter Warning Lamp – 3" X 7"

Weldon Diamondback LED Perimeter Warning Lamp V37W Series shall be provided. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. Engineered Pure-Pattern™ optics shall be integral to the design for optimal light output from various angles. The lens cover shall be made from automotive quality high impact polycarbonate with scratch and haze resistant hard-coating for a superior, resilient finish. Lens colors shall be available in red, amber, blue, green, or clear (to specify) or alternatively, the Pure-Pattern™ optics can be specified with the same colors for a unique style and appearance. Four independently controlled LED segments or zones within each lamp head shall be provided and the flash patterns can be modified without disassembly of the light head. This process shall be done with a Windows CE device with an IrDA communications port or alternative approved wireless remote device. The lamp shall have an injection molded mounting pad that is integrated with the lamp head and it shall have a flush mount design with four screws and wire exit hole. The lamp shall be capable of 12 or 24 volt operations and there shall be a four-wire lamp hook-up. Designed to exceed NFPA, KKK, and SAE standards, the lamp shall be protected against reverse polarity, ESD, and transient voltage spikes (J1113-11) and it shall be fully tested for RF interference and susceptibility. The LED warning lamp shall have a 5-year warranty. An optional chrome-plated bezel may be provided and it shall have a durable automotive grade finish with excellent rugged brilliance.

Diamondback™ LED Perimeter Warning Lamp – 4" x 6"

Weldon Diamondback LED Perimeter Warning Lamp V46W Series shall be provided. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. Engineered Pure-Pattern™ optics shall be integral to the design for optimal light output from various angles. The lens cover shall be made from automotive quality high impact polycarbonate with scratch and haze resistant hard-coating for a superior, resilient finish. Lens colors shall be available in red, amber, blue, green, or clear (to specify) or alternatively, the Pure-Pattern™ optics can be specified with the same colors for a unique style and appearance. Four independently controlled LED segments or zones within each lamp head shall be provided and the flash patterns can be modified without disassembly of the light head. This process shall be done with a Windows CE device with an IrDA communications port or alternative approved wireless remote device. The lamp shall have an injection molded mounting pad that is integrated with the lamp head and it shall have a flush mount design with four screws and wire exit hole. The lamp shall be capable of 12 or 24 volt operations and there shall be a four-wire lamp hook-up. Designed to exceed NFPA, KKK, and SAE standards, the lamp shall be protected against reverse polarity, ESD, and transient voltage spikes (J1113-11) and it shall be fully tested for RF interference and susceptibility. The LED warning lamp shall have a 5-year warranty. An optional chrome-plated bezel may be provided and it shall have a durable automotive grade finish with excellent rugged brilliance.

Diamondback™ LED Perimeter Warning Lamp – 7" x 9"

Weldon Diamondback LED Perimeter Warning Lamp V79W Series shall be provided. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. Engineered Pure-Pattern™ optics shall be integral to the design for optimal light output from various angles. The lens cover shall be made from automotive quality high impact polycarbonate with scratch and haze resistant hard-coating for a superior, resilient finish. Lens colors shall be available in red, amber, blue, green, or clear (to specify) or alternatively, the Pure-Pattern™ optics can be specified with the same colors for a unique style and appearance. Four independently controlled LED segments or zones within each lamp head shall be provided and the flash patterns can be modified without disassembly of the light head. This process shall be done with a Windows CE device with an IrDA communications port or alternative approved wireless remote device. The lamp shall have an

injection molded mounting pad that is integrated with the lamp head and it shall have a flush mount design with four screws and wire exit hole. The lamp shall be capable of 12 or 24 volt operations and there shall be a four-wire lamp hook-up. Designed to exceed NFPA, KKK, and SAE standards, the lamp shall be protected against reverse polarity, ESD, and transient voltage spikes (J1113-11) and it shall be fully tested for RF interference and susceptibility. The LED warning lamp shall have a 5-year warranty. An optional chrome-plated bezel may be provided and it shall have a durable automotive grade finish with excellent rugged brilliance.

Diamondback™ LED Scene Lamp – 3" x 7"

Weldon Diamondback LED Scene Lamp V37S shall be provided. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. Engineered Pure-Pattern™ optics shall be integral to the design for optimal light output from 13 degrees down to 26 degrees down. The lens cover shall be made from automotive quality high impact polycarbonate with scratch and haze resistant hard-coating for a superior, resilient finish. The lens color shall be clear. The lamp shall emit a minimum of 600 lumens of white light. The lamp shall have an injection molded mounting pad that is integrated with the lamp head and it shall have a flush mount design with four screws and wire exit hole. The lamp shall be capable of 12 volt operation and there shall be a two-wire lamp hook-up. The lamp shall be protected against reverse polarity, ESD, and transient voltage spikes (J1113-11) and it shall be fully tested for RF interference and susceptibility. The LED scene lamp shall have a 5-year warranty. An optional chrome-plated bezel may be provided and it shall have a durable automotive grade finish with excellent rugged brilliance.

Diamondback™ LED Scene Lamp – 4" X 6"

Weldon Diamondback LED Scene Lamp V46S shall be provided. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. Engineered Pure-Pattern™ optics shall be integral to the design for optimal light output from 13 degrees down to 26 degrees down. The lens cover shall be made from automotive quality high impact polycarbonate with scratch and haze resistant hard-coating for a superior, resilient finish. The lens color shall be clear. The lamp shall emit a minimum of 600 lumens of white light. The lamp shall have an injection molded mounting pad that is integrated with the lamp head and it shall have a flush mount design with four screws and wire exit hole. The lamp shall be capable of 12 volt operation and there shall be a two-wire lamp hook-up. The lamp shall be protected against reverse polarity, ESD, and transient voltage spikes (J1113-11) and it shall be fully tested for RF interference and susceptibility. The LED scene lamp shall have a 5-year warranty. An optional chrome-plated bezel may be provided and it shall have a durable automotive grade finish with excellent rugged brilliance.

Diamondback™ LED Scene Lamp – 7" x 9"

Weldon Diamondback LED Scene Lamp V79S shall be provided. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. Engineered Pure-Pattern™ optics shall be integral to the design for optimal light output from 13 degrees down to 26 degrees down. The lens cover shall be made from automotive quality high impact polycarbonate with scratch and haze resistant hard-coating for a superior, resilient finish. The lens color shall be clear. The lamp shall emit a minimum of 1,200 lumens of white light. The lamp shall have an injection molded mounting pad that is integrated with the lamp head and it shall have a flush mount design with four screws and wire exit hole. The lamp shall be capable of 12 volt operation and there shall be a two-wire lamp hook-up. The lamp shall be protected against reverse polarity, ESD, and transient voltage spikes (J1113-11) and it shall be fully tested for RF interference and susceptibility. The LED scene lamp shall have a 5-year warranty. An optional chrome-plated bezel may be provided and it shall have a durable automotive grade finish with excellent rugged brilliance.



9188-1524 AERO-MAXX® II Light Bar – 24”

A Weldon style 9188-1524 Aero-Maxx II LED Light Bar item shall be provided. The light bar can be configured with 3 forward facing, 3 rearward facing and 2 side facing LED light heads. The LED light head color(s) and location(s) are to be specified. The LED light heads shall be available in red, blue, amber or white. The intense LED light heads provide a wide output coverage area exceeding NFPA requirements. The light bar shall have a rugged aluminum chassis construction with impact resistant polycarbonate lenses. Slotted mounting bolt channels shall provide flexible mounting options. Available options include: halogen take-down and alley lights. An optional mounting kit may be provided to assist in mounting the light bar to the vehicle/apparatus. The LED light bar shall have a 5 year warranty on electrical components and a 2 year warranty on mechanical components.

9188-1549 AERO-MAXX® II Light Bar – 49”

A Weldon style 9188-1549 Aero-Maxx II LED Light Bar item shall be provided. The light bar can be configured with 8 forward facing, 8 rearward facing and 2 side facing LED light heads. The LED light head color(s) and location(s) are to be specified. The LED light heads shall be available in red, blue, amber or white. The intense LED light heads provide a wide output coverage area exceeding NFPA requirements. The light bar shall have a rugged aluminum chassis construction with impact resistant polycarbonate lenses. Slotted mounting bolt channels shall provide flexible mounting options. Available options include: halogen take-down and alley lights, amber LED traffic director and Opticom™ strobe tube. An optional mounting kit may be provided to assist in mounting the light bar to the vehicle/apparatus. The LED light bar shall have a 5 year warranty on electrical components and a 2 year warranty on mechanical components.

9188-1554 AERO-MAXX® II Light Bar – 54”

A Weldon style 9188-1554 Aero-Maxx II LED Light Bar item shall be provided. The light bar can be configured with 9 forward facing, 9 rearward facing and 2 side facing LED light heads. The LED light head color(s) and location(s) are to be specified. The LED light heads shall be available in red, blue, amber or white. The intense LED light heads provide a wide output coverage area exceeding NFPA requirements. The light bar shall have a rugged aluminum chassis construction with impact resistant polycarbonate lenses. Slotted mounting bolt channels shall provide flexible mounting options. Available options include: halogen take-down and alley lights, amber LED traffic director and Opticom™ strobe tube. An optional mounting kit may be provided to assist in mounting the light bar to the vehicle/apparatus. The LED light bar shall have a 5 year warranty on electrical components and a 2 year warranty on mechanical components.

9188-1559 AERO-MAXX® II Light Bar – 59”

A Weldon style 9188-1559 Aero-Maxx II LED Light Bar item shall be provided. The light bar can be configured with 10 forward facing, 10 rearward facing and 2 side facing LED light heads. The LED light head color(s) and location(s) are to be specified. The LED light heads shall be available in red, blue, amber or white. The intense LED light heads provide a wide output coverage area exceeding NFPA requirements. The light bar shall have a rugged aluminum chassis construction with impact resistant polycarbonate lenses. Slotted mounting bolt channels shall provide flexible mounting options. Available options include: halogen take-down and alley lights, amber LED traffic director and Opticom™ strobe tube. An optional mounting kit may be provided to assist in mounting the light bar to the vehicle/apparatus. The LED light bar shall have a 5 year warranty on electrical components and a 2 year warranty on mechanical components.

9188-1559 AERO-MAXX® II Light Bar – 72”

A Weldon style 9188-1572 Aero-Maxx II LED Light Bar item shall be provided. The light bar can be configured with 10 forward facing, 10 rearward facing and 2 side facing LED light heads. The LED light head color(s) and location(s) are to be specified. The LED light heads shall be available in red, blue, amber or white. The intense LED light heads provide a wide output coverage area exceeding NFPA requirements. The light bar shall have a rugged aluminum chassis construction with impact resistant polycarbonate lenses. Slotted mounting bolt channels shall provide flexible mounting options. Available options include: halogen take-down and alley lights, amber LED traffic director and Opticom™ strobe tube. An optional mounting kit may be provided to assist in mounting the light bar to the vehicle/apparatus. The LED light bar shall have a 5 year warranty on electrical components and a 2 year warranty on mechanical components.

8049 Series 8” LED Interior Dome Lamp

Weldon model 8049, 8” diameter LED interior dome light shall be provided. The LED dome light shall be available with white or red LEDs. When equipped with white LEDs, the LED dome light shall meet GSA-KKK illumination requirements at cot and floor when properly installed. The LED dome light shall have a stainless steel recessed housing. The stainless steel housing shall be available in plain or white powder coat finishes. The lamp shall draw 0.85 amps at 12 volts. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. The lamp shall have high and low intensity operation modes. The lamp shall have a field serviceable lens and carry a 5 year warranty.

8047-1000 Series 7” LED Interior Dome Lamp

Weldon model 8047-1000, 7” diameter LED interior dome light shall be provided. The LED dome light shall be available with white or red LEDs. When equipped with white LEDs, the LED dome light shall meet GSA-KKK illumination requirements at cot and floor when properly installed. The LED dome light shall be surface mounted with 4 screws. The lamp shall draw 0.85 amps at 12 volts. The LED components shall have a threaded design for maximum thermal efficiency and the capability for future upgrades or individual LED replacements as needed. The lamp shall have high and low intensity operation modes. The lamp shall have a field serviceable lens and carry a 5 year warranty.

8401 Series Door Warning Lamp

Weldon 8401 Series Door Warning Lamp shall be provided. The LED lamp is designed to mount on the interior of the apparatus door to direct traffic away from the apparatus when the door is open. The LED lamp shall contain a series of LEDs that provide a scrolling action indicating the direction of traffic movement. Specialized lens optics shall direct light effectively into the target area. The LED lamp shall mount with two screws and contain a molded rubber mounting gasket. The lamp shall carry a 5 year warranty.

1017 Series 7” LED Rear Signal Lighting

Weldon model 1017, 7” diameter LED rear signal lighting shall be provided. The LED lamp shall be available in stop/tail, amber turn and back-up functions. The lamp shall be certified to FMVSS 108 requirements. The lens shall be molded in acrylic (PMMA) and shall meet SAE J576 for protection against weather extremes. The lamp housing shall be aluminum to provide durable mounting and effectively remove heat from the LED and electronic components. The LED component shall have a threaded design for maximum thermal efficiency and the capability for LED replacement as needed. An inner lens shall be included to protect the electronic components from moisture. The lamp shall mount with 4 screws and have a mounting bolt pattern that follows industry standards. The lamp shall have a field serviceable lens and carry a 5 year warranty.



Style Number Index

4	144	777	31	1767	4	3414	46	4813	15	OC90-1028-xx	92
7	144	785	31	1828	146	3416	46	4814	15	87, 94, 97	92
10	170	866	31	2001	30	3421	46	4815	15	OC90-1029-10	92
13	170	868	31	2015	28	3423	46	4816	15	OC90-1029-xx	94
14	170	877	31	2032	28	3425	50	4817	15	OC90-1030-21	97
15	171	911	44	2033	28	3426	51	4818	15	OC90-1030-22	97
17	171	922	48	2046	28	3428	58	4819	15	OC90-1030-xx	94
19	170	1030	22	2047	28	3430	49	4820	15	OC90-1138-33	109
25	170	1034	28	2055	21	3431	47	4821	15	OC90-1138-xx	87
31	158	1048	28	2069	29	3433	47	4822	17	OD10-0334-00	87
32	158	1078	175	2073	29	3436	51	4823	17	OD10-1024-00	109
35	157	1088	21	2074	29	3437	57	4824	17	OD10-1025-00	87, 109
39	167	1116	23	2077	29	3440	41	4825	17	OD10-1035-00	109
40	167	1125	24	2079	29	3443	44	4826	17	OD10-1135-00	87
41	167	1126	23	2083	29	3446	45	4827	17	OD10-1176-00	103, 106
42	167	1127	23	2101	25	3450	38, 69	4830	17	OD10-1530-00	105
44	157	1131	23	2102	25	3460	66	4834	17	OD10-1630-00	104
46	170	1132	23	2108	25	3462	37	4835	17	OD10-1977-00	88
50	163	1135	23	2115	25	3463	39, 68	4836	17	OD10-2316-00	88
57	144	1230	22	2116	25	3465	67	4837	17	OD30-0377-00	103, 106
59	144	1256	148	2120	152	3467	66	4838	17	87, 94, 99, 109	109
70	176	1260	147	2125	25	3468	66	4862	16	OD30-0385-00	87, 94, 99, 109
75	176	1262	148	2126	25	3470	49	4863	16	OD30-1026-0	87, 94, 99, 109
78	177	1267	148	2127	25	3471	55	4864	16	OD30-1027-00	87, 94, 99, 109
80	175	1300	21	2129	25	3475	54	4865	16	OD30-1092-00	87, 94, 99, 109
90	175	1390	24	2130	25	3476	54	4866	16	103, 106	106
91	175	1410	26	2151	35	3479	40	4867	16	OD30-1136-00	87, 109
98	177	1417	26, 38	2152	35	3485	27	5051	35	OD30-1137-00	87, 109
101	140	1420	27	2155	35	3488	27	5055	35	OD40-0512-00	97
102	140	1422	172	2156	35	3489	26	5056	35	OD40-1143-00	97
102	140	1430	26	2171	35	3491	40	5071	32	OD40-1144-00	97
260	147	1440	25	2225	28	3492	54	5075	32	OD40-1203-00	97
261	149	1441	25	2285	146, 156	3493	62	5147	33	OD40-1339-01	97
262	148	1442	25	2286	146	3499	27	5147	45	OE-0327-00	87
266	148	1443	25	2302	153	3500	153	5150	34	OE13-1878-00	102
273	147	1445	25	2305	153	3501	47	5160	32	OE22-1357-00	109
285	146	1446	25	2307	153	3502	47	5161	32	OE30-2262-12	88, 91
326	172	1477	143	2310	153	3503	47	5170	32	OE30-2262-23	88, 91
330	173	1478	143	2325	152	3505	47	5177	32	OE30-2262-37	98
331	173	1480	147	2328	152	3522-SPL	55	5178	32	OE93-1571-00	109
335	172	1482	147	2390	24	3523	55	6035	37	OJ10-0393-00	106
336	172	1483	149	2393	23	3524	56	7592	143	OJ10-0503-00	102
337	173	1489	143	2400	24	3525	56	7593	143	OJ10-1200-00	105
338	173	1490	143	2415	28	3526	56	7594	143	OJ10-2161-GY	104
339	174	1494	40	2420	27, 44	3528	55	7675	143	OJ90-2637-01	89
340	174	1495	50	2428	25	3530	61	7725	138	OJ90-2637-02	89
344	174	1496	50	2429	25	3531	58	7825	137	OJ90-2637-03	89
345	172	1499	26	2430	25	3563	63	7840	138	OK90-0336-00	87, 94, 97
347	172	1512	12	2431	25	3570	51	7840	138	OK90-1549-10	92
350	175	1513	12	2432	25	3571	57	7840	138	OK90-1549-20	92
352	174	1515	12	2433	25	3572	53	7840	138	OK90-1601-00	104
353	174	1520	12	2441	171	3578	42	7960	144	OK90-1803-00	104
354	172	1522	12	2442	171	3580	43	7980	145	OK90-1806-00	109
356	173	1523	12	2443	171	3590	60	8600	137, 178-185	OK90-1969-10	93
357	172	1525	12	2446	171	3595	60	8625	137	OK90-1969-20	93
361	173	1526	12	2447	171	3598	42	8800	137	OK90-2280-00	79
362	173	1527	12	2448	171	3598	42	8840	138	OK90-2281-00	79
362	173	1528	12	2489	26	3601	30	9011	177	OK90-2282-00	80
373	175	1532	11	2498	27, 45	3602	31	9100	159	OK90-2283-00	81
391	23	1533	11	2499	27	3620	31	9200	176	OK90-2286-00	79
392	23	1535	11	2580	147	3621	31	9201	175	OK90-2763-00	81
393	23	1536	11	2581	147	3622	31	9203	175	OK90-2783-00	80
416	26	1545	32, 44	2582	147	3623	30	9300	141	OK90-2869-00	103
417	26	1550	38	2583	149	3624	30	9301	159	OL20-2758-00	82
420	27	1573	147	2681	147	3625	30	9313	140	OL20-2758-01	82
422	172	1577	32	2730	8	3626	30	9315	139	OL40-2020-00	78
426	24	1581	147	2775	58	3671	57	9900	159	OL40-2032-00	82
438	26	1582	147	2901	152	3678	59, 63	883B600	133	OL40-2088-00	78
439	27	1583	149	2901	152	3690	57	883Y600	133	OL40-2355-00	81
0441	171	1700	22	3015	20	3698	59	884B600	133	OL40-2597-00	80
0442	171	1701	6	3016	20	3716	8	084Y600	133	OL40-2677-00	81
0443	171	1702	6	3019	20	3718	8	0853-0333-00	87	OL90-0979-06	107
446	171	1703	6	3020	28, 29	3719	8	0853-1016-00	87	OL90-0979-12	107
447	171	1704	6	3021	20	3721	8	0853-1125-00	87	OL90-0979-20	107
448	171	1711	6	3022	28	3725	8	0880-2334-00	85	OL90-0979-30	107
449	171	1714	6	3023	29	3747	33	0880-2335-00	85, 108	OM10-1328-xx	87
488	27	1715	6	3025	20	3951	30	0880-2336-00	85, 108	OM10-1330-xx	87
489	26, 44	1716	6	3030	153	3952	30	0880-2337-00	85, 108	OM10-1428-xx	87
499	27	1717	6	3060	151	4445	34	0880-2495-00	85	ON60-2508-00	83
535	20	1718	6	3061	154	4447	34	OC10-2228-30	102	ON70-1519-03	81
536	20	1719	24	3062	151	4450	33	OC10-2228-40	102	ON70-1519-04	81
538	20	1720	6	3070	151	4452	33	OC10-2231-00	88	OQ20-1736-00	78
583	177	1722	7	3071	151	4460	33	OC11-1223-00	102	OR00-2306-00	81
588	174	1723	7	3072	151	4461	33	OC12-1181-00	103	OR00-2306-01	81
589	174	1724	7	3095	151	4462	33	OC13-1225-00	102	OR13-0614-00	81
627	146	1725	8	3096	150	4470	34	OC14-1226-00	102	OR13-2557-00	81
630	172	1726	8	3097	151	4471	34	OC20-2048-XX	85	1000-1100-xx	92
631	173	1727	8	3120	150	4475	34	OC20-2170-30	108	1000-1106-xx	92
632	172	1728	8	3121	150	4712	15	OC20-2170-XX	85	1000-6300-xx	92
633	173	1733	7	3125	151, 152	4713	15	OC20-2177-30	108	1000-7100-xx	92
635	172	1734	7	3126	154	4714	15	OC20-2177-XX	85	1002-0000-xx	92
650	173	1735	7	3127	151	4715	15	OC20-2184-30	108	1003-0000-80	100
655	172	1736	8	3128	154	4716	15	OC20-2184-XX	85	1003-0000-xx	92
721	21	1737	7	3250	151	4717	15	OC20-2185-00	85	1003-1000-30	98
753	19	1738	8	3292	38	4718	15	OC20-2312-xx	88	1010-0300-xx	92
754	19	1744	8	3293	35	4720	15	OC63-1180-00	106	1010-0320-10	92
755	31	1745	30	3295	66	4722	17	OC80-2684-xx	91	1010-1100-xx	92
765	31	1747	50	3296	67	4724	17	OC80-2684-xx	91	OC90-0350-33	99, 109
766	31	1755	33	3352	68	4726	17	OC90-0350-xx	87, 97	OC90-0350-xx	94
768	31	1757	33	3353	68	4801	15	OC90-0351-xx	94	OC90-0352-21	97
770	31	1762	7	3356	65	4802	15	OC90-0352-21	97	OC90-0352-22	97
772	174	1763	7	3367	66	4803	15	OC90-0352-xx	94	OC90-1028-33	99, 109
773	174	1764	7	3368	66	4804	15	OC90-0352-xx	94	4812	15
775	31	1765	7	3401	47	4807	19	OC90-1028-33	99, 109		
776	31	1766	7	3405	47	4808	19				
				3406	41	4812	15				



3842-0000-10	93	4671-6000-22	94	7150-7160-20	90	AP-3-EXT	166	EJB-GFI	130	HT-7000	158
3842-0000-20	93	4671-8000-30	99	7150-7160-30	90	AP-3-RH	166	EJB-HANGER	130	KO	121
3842-0000-21	93	4672-1000-xx	86	7150-7160-40	90	AP-3-USA	166	EJB-Hanger	130	L14-20	130
3842-0000-22	93	4672-2000-10	94	7150-7160-50	90	AP-4-BG	166	EJB-HMT	130	L14-30	130
3842-0000-30	99	4672-6000-12	94	721-R	132	AP-AS	166	EJB-HMT-TOP	130	L5-30	130
3851-0000-10	93	4672-6000-21	94	723-R	132	AP-BH	166	EJB-MT	130	L6-30	130
3851-0000-20	93	4672-8000-30	99	7301-0000-00	107	AP-SH	166	EJB-PP	130	LC	120
3852-0000-10	93	4673-6000-21	94	731-FI	132	AP-SK SALVAGE KIT	166	EJB-RF	130	LG-15	157
3862-0000-33	109	4673-6000-22	94	733-FI	132	AP-SQ	166	EJB-VMT	130	LG-25	157
3871-1000-xx	86	4681-3200-01	97	7404-0060-00	107	AP-VK ROOF KIT	166	EJB-VMT-TP	130	LG-30	157
3871-2000-10	93	4681-3200-18	97	7414-0090-00	107	ARH-17	162	ELSS-14DC	111	LG-35	157
3871-6000-21	93	4681-3200-28	97	7701-0000-00	107	ARH-24	162	ELSS-19DC	111	LG-40	157
3871-6000-22	93	4682-3200-02	97	7811-0000-33	109	ARH-36	162	EM5000IS	134	LG-45	157
3871-8000-30	99	4682-3200-19	97	7811-0000-xx	86	ARH-48	162	EP-4-EXT	166	LG-50	157
3872-1000-xx	86	4682-3200-29	97	7812-0000-33	109	ARH-60	162	E-POLE-MMST	116	LG-60	157
3872-2000-10	93	4684-0000-01	96	7812-0000-xx	86	ARH-72	162	E-POLE-W-NB	115	M1-S	138
3872-6000-21	93	4684-0000-02	96	7821-0000-xx	87	ARH-96	162	E-PS-UP-W-SM2	115	MES1-S	138
3872-6000-22	93	4684-0100-01	96	7822-0000-xx	87	AS-510	167	ERWB-16-24	124	NCR-10	128
3872-8000-30	99	4684-0100-02	96	7862-0000-33	109	AS-520	167	ERWB-16-28	123, 124	NCR-10-GB	128
3884-0000-00	95	4684-0100-18	96	7871-1000-xx	86	AS-530	167	ERWB-22-11	124	NCR-10-LH	128
3884-0000-01	95	4684-0100-19	96	7872-1000-xx	86	AS-540	167	ERWB-22-15	124	NCR-15	128
3884-0000-02	95	4684-0100-28	96	8040-0500-80	100	AS-550	167	ERWB-22-20	123, 124	NCR-15-GB	128
3884-0000-18	95	4684-0100-29	96	8040-0520-80	100	AS-560	167	ERWB-22-24	124	NCR-15-LH	128
3884-0000-19	95	4684-0200-01	96	8046-0300-80	100	AS-570	167	ERWB-22-28	124	NCR-18	128
3884-0000-28	95	4684-0200-02	96	8046-0320-80	100	BC-15	156	ERWB-24-11	124	NCR-18-GB	128
3884-0000-29	95	4684-0200-18	96	8047-1000-10	100	BC-25	156	ERWB-24-15	124	NCR-18-LH	128
3884-0100-01	95	4684-0200-19	96	8047-1000-30	100	BC-30	156	ERWB-24-20	123, 124	OCTO-2228-10	102
3884-0100-02	95	4684-0200-28	96	8049-0000-10	100	BC-35	156	ERWB-27-11	124	OCTO-2191-XX	85
3884-0100-18	95	4684-0200-29	96	8049-0000-30	100	BC-40	156	ERWB-27-15	124	OK90-1549-10	101
3884-0100-19	95	4694-0000-01	97	8049-0001-30	100	BC-40S	156	ERWB-27-20	124	OK90-1969-10	98
3884-0100-28	95	4694-0001-02	97	8080-0000-13	102	BC-45	156	ERWB-29-11	124	OK90-2282-00	80
3884-0100-29	95	4694-0011-01	97	8080-1000-13	102	BC-50	156	ERWB-29-15	124	OK90-2311-00	78
3884-0200-01	95	4694-0011-02	97	8080-1000-13	102	BC-50S	156	ERWB-29-20	124	ON80-2485-00	100
3884-0200-02	95	4694-0171-18	97	8080-7000-13	102	BC-60	156	ERWBA-10-16	126	OU10-0715-00	78
3884-0200-18	95	4694-0171-19	97	8080-8000-13	102	BC-60S	156	ERWBA-15-10	126	PI-S	138
3884-0200-19	95	4694-0511-01	97	8081-0000-13	102	BK-1	130	ERWBA-16-6	126	PA-3D	21
3884-0200-28	95	4694-0511-02	97	8081-1000-13	102	BK-2-3-4	130	ERWC-10-16	127	P-APC	167
3884-0200-29	95	4694-0561-28	97	8081-7000-13	102	C46W-CIOR	85	ERWC-10-28	127	PHY-6	163
3884-1000-01	95	4694-0561-29	97	8086-6978-68	102	CG-15	157	ERWC-15-10	127	PHY-8	163
3884-1000-02	95	4820E	16	8101-0100-30	106	CG-25	157	ERWC-16-6	127	Pigtails	133
3884-8011-00	95	5060-1900-10	105	8102-0100-30	106	CG-30	157	ERWH-10-16	125	PL-POLE-MT	114, 121
3884-8012-00	95	5060-1900-20	105	8401-0000-20	88	CG-35	157	ERWH-15-10	125	POL-Bracket	114
3884-8090-00	95	5060-7000-10	105	8840	138	CG-40	157	ERWH-16-6	125	POL-PL	114
3884-9000-00	95	5060-7000-20	105	9018-0001-00	109	CG-40S	157	ERWH-16-6	125	PPB-36	163
3894-0000-01	96	511-SP	167	9018-0012-00	104	CG-45	157	ERWU-10-16	126	PPB-51	163
3894-0000-02	96	5150-0000-10	104	9018-0013-00	104	CG-50	157	ERWU-15-10	126	PPB-60	163
3894-0011-01	96	5150-0000-20	104	9018-0021-00	94, 97	CG-50S	157	ERWU-16-6	126	PPBK	167
3894-0011-02	96	5150-0100-10	104	9018-0022-00	94, 97	CG-60	157	EU1000I	134, 135	PPBK-LG	167
3894-0012-01	96	5150-0100-20	104	9018-0025-00	99	CG-60S	157	EU1000I-CA	134	PPR-60	167
3894-0012-02	96	5180-0100-10	104	9018-0031-00	109	DH	121	EU2000I-CA	134	R-1	138
3894-0071-28	96	5180-0110-20	104	9018-0034-00	105, 106	E-12V1-SB-SM4	117	EU3000I	134	RF-36	161
3894-0071-29	96	5180-0110-10	104	9018-0034-00	105, 106	E-1500-AO-SM	116	EU3000IS	134	RS-48F	166
3894-0161-18	96	5180-0110-20	104	9018-0035-00	100, 106	E-1500-PS-SM	115	E-WS360-SM	117	S-27D	166
3894-0161-19	96	5210-0100-10	105	9018-0035-00	100, 106	E-25360-FM	117	E-WS360-TM	117	SC	121
3894-0200-01	96	5210-0100-20	105	9018-0051-00	106	E-4500-BL	117	FB-15	169	SC-171	121
3894-0200-02	96	5210-0100-30	105	9018-0051-00	106	E-4500-CB	117	FB-42	169	SM-2	120
3894-0250-01	96	5210-0100-40	105	9018-0051-00	106	E-4500-MMST	116	FB-42C	169	SM-2-LC	116
3894-0250-02	96	5211-0100-10	105	9018-0051-00	106	E-4650-RM-16	117	FB-60F	169	SM-4	120
3894-0271-28	96	5211-0100-20	105	9185-40003-3	102	E-4750-PL	114	FE6-SS	181	SM-4-LC	116
3894-0271-29	96	5211-0100-40	105	9185-40034	102	E-4750-POD	114	FE6-SS	181	SS-48F	166
3894-0531-28	96	5211-0100-10	105	9186-1500-10	105	E-500-PL	114	FE6-SS	181	SS-523	170
3894-0531-29	96	5211-0100-70	105	9186-1500-20	105	E-500-SB	117	FE6-SS	181	SS-523-MP	170
3894-1100-01	96	5801-0100-10	93	9186-1501-30	105	ECR-10	128	FE6-SS	181	SS-525	170
3894-1100-02	96	5801-0100-11	93	9186-1501-40	105	ECR-10-4500	128	FK-25	158	SS-MP	170
3894-1200-01	96	5801-0100-20	93	9186-1501-50	105	ECR-10-4500	128	FK-350	158	SS-MPX	170
3894-1200-02	96	5801-0100-21	93	9186-2300-xx	106	ECR-10-4500	128	FK-351	158	ST-25	159
3901-1604-00	90	5801-0100-30	98	9186-2301-xx	106	ECR-10-4750	128	FK-352	158	ST-45	159
3901-1605-00	90	5802-0100-10	93	9186-2366-10	95	ECR-10-GB	128	FK-353	158	SW	121
3901-5903-00	90	5802-0100-20	93	9186-23882-2540	106	ECR-10-GB	128	FK-354	158	SZ	138
3902-7408-00	90	5802-0100-21	93	9186-23882-30	106	ECR-15	128	FK-355	158	TGK-2	157
3902-7411-00	90	5802-0100-30	98	9186-4570-30	99	ECR-15-4500	128	FK-360	158	TL	120
3902-8813-00	90	6000-0000-04	79	9186-4571-30	99	ECR-15-4750	128	FK-702	158	TLC	120
3902-8816-00	90	6010-0000-00	79	9186-5300-10	92	ECR-15-GB	128	FK-703	158	TM	120
3910-7202-00	90	6020-0000-00	80	9186-5300KC	99	ECR-18	128	FK-704	158	TM-LC	116
3913-7218-00	90	6030-0000-00	79	9186-5515-31	99	ECR-18-4500	128	FK-707	158	TR	120
3913-8501-00	90	6120-0000-00	81	9186-5525-10	92	ECR-18-4750	128	FK-708	158	TRI-30	161
4611-0000-33	109	6204-0000-00	80	9186-5525-20	92	ECR-18-GB	128	FM	120	TRI-36	161
4611-0000-xx	86	6204-0000-01	80	9186-5526-30	99	ECR-MT	128	FM-Spacer	120	TS	138
4612-0000-33	109	6241-0000-00	77	9186-5585-10	92	EJ1000	131	FR-12	169	TSC	138
4612-0000-xx	86	6300-0400-00	78	9186-5585-20	92	EJ1000	131	FR-60F	169	UI	121
4621-0000-xx	87	6300-0800-00	78	9186-5586-10	92	EJ1200	131	FSS-CT	168	UI-EX	121
4622-0000-xx	87	6310-0000-12	78	9186-5586-20	92	EJ1300	131	FSS-FR	169	UI-PS	121
4641-0000-10	94	6310-0000-24	78	9186-5586-30	98	EJ1400	131	FSS-MT	168	UL-DG-SQ	166
4641-0000-20	94	6311-0300-00	78	9186-8560-29	103	EJ1500	131	FSS-PL	168	UL-DG-SQ24	166
4641-0000-21	94	6311-0400-00	78	9186-8562-30	106	EJ1600	131	FSY-10	163	UL-FB-60F	169
4641-0000-22	94	6400-0000-01	81	9186-8563-30	106	EJ1700	131	FSY-12	163	UL-FR-60F	169
4641-0000-30	99	6444-0000-00	80	9186-8563-34	106	EJ1800	131	FSY-16	163	UL-MT-48	168
4642-0000-10	94	6500-0000-00	82	9186-8564-30	106	EJ2000	131	FSY-8	163	UL-SQ24-60F	166
4642-0000-20	94	6500-0000-01	82	9186-8565-30	106	EJ2100	131	GB-0	133	UL-SQ-60F	166
4642-0000-21	94	6501-0000-01	82	9186-8566-30	106	EJ2200	131	GB-1	133	UT	165
4642-0000-22	94	6502-0000-00	82	9186-8580-29	103	EJ2300	131	GB-1-GFI	133	V25W-CIOR	85
4642-0000-30	99	6503-0000-00	82	9186-8589-24	103	EJ2400	131	GHT-15	156	V26W-A	85
4643-0000-20	94	6504-0000-00	82	9188-1524L-00	89	E					

A	
Access Kit, Foam	154
Actuators	
Air	142
Electric	141
Handwheel	142
Manual	138
Adapt-a-Pole	166
Adapters	
Double Female	172
Double Male	172
Female to Male	173
Hydrant	172-173
Nozzle	172
Pressure-Vacuum, Panel	157
Suction	172-173
Advantage	153
Air Control Box	116
Air Operated Light	116
Air Reels, Electric Rewind	126
Akromatic Master Streams	32, 33
AkroFoam Master Stream Nozzle	34
Apollo Single Waterway Monitor	51
Apollo Hi-Riser	47
Apollo Monitors	
Deck Mount	46-47
Portable	46-47
Apollo S.I.	46-47
Application Chart,	
Foam System	196-197
Apparatus Valve	137-138
Applicators	
Brackets	167
Cellar Nozzle	20
Coast Guard Approved	28
Fog	21, 28-29
Military Approved	29
Navy Approved	29
Piercing	21
Aquastream Master Streams	33
Aries Monitors	50, 56
Aerial Valve	138
Assault Nozzles	14-17
Automatic Nozzles	32-35
Axes	
Fiberglass Handle Axes	163
Flat Head	163
Wood Handle Axes	163
Pulaski Axes	163
Axe Mounting Brackets	167
Pick Axe Cover	167
Pick Head	163
B	
BackUp Camera Kits	82
BackUp Lighting	98-99
Ball Shutoffs	
Shutoffs	24
Shutoff Nozzles	25, 27
Ball Valves	138, 146
Ball Valve Siamese	148-149
Ball Valve Wye	147
Bar, Wrecking	163
Barrel Suction Strainer	174
Bases, Direct Connection	172
Basket Suction Strainer	174
Bent Pipe Monitor	50, 51, 57
Beta Brow Light	117
Beta Recessed Light	117
Beta 4000 Light Head	112
Black Max Piston	
Intake Valve	145
Black Widow	35
Blades, Squeegee	166
Bleeder Cap	156
Blitz Tips	25
Boostlite® Forestry Hose	123
Booster Reels	123-124
Brackets	
Applicator	167
Axe	167
Rail	167
Pike Poles & More	167
Brass Aries	50
Brass Fog Nozzles	20
Breakapart Fog Nozzle	5-17
Brow Mount Light	117
Bumper Turret	67-69

Bush Nozzle	22
Butterfly Valves	144
By-Pass Eductor	151
C	
Cab Dome Light	102
Calc, Fire	159
Calculator, Friction Loss	159
Cap Gauge	157
Cap, Hose	172
Cap, Pressure	157
Cellar Nozzle	20
Cellar Nozzle Applicator	20
Challenger Foam Nozzle	30
Clamp, Hose	174
Clapper Valve Siamese	148
Class A Pumper Specifications	195
Coast Guard Approved	
Applicator	28
Nozzle	28
Colored Handles & Pistol Grips	18
Combination Spanner, Fitzall	170
Compact Reels	126, 127
Connectors & Plugs Electrical	132
Conquest	57, 59
Continuous Swiveling Elbow	172
Controllers, Electric	140
Cord Reel	125-128
Cord Reel Mounting Bracket	128
Cord Sets	133
Courtesy Lighting	106
Crowd Control Monitor	63
D	
Day Maker Light Head	113
DeckMaster	41
DeckMaster, Electric Riser	41
Deck Pipes	46
Deck/Portable Monitor	44-45
Deluge Tip	26
Diamondback	
Light Bars	89
Scene Lights	108
Warning Lights	108
Dies	175
Digital Tachometer	158
Direct Connection Bases	172
Discharge Pipe	27
Discharge Valves	137-138
Double Female Adapter	172
Double Gripper Pike Pole	164
Double Male Adapter	172-173
Double Ultra-Lite Pike Pole	164
Drain Valve, Dranit	144
Drain Valve, 3/4"	144
Dry Chemical Nozzles	66
Dual Head	121
Dual Inlet Apollo	46-47
Dual Shutoff SaberJet	12
Dual Stacked Tips	25
E	
Eductors	
By-Pass	151
By-Pass Truck Kits	154
In-Line	151
JRC	153
Portable w/On Board	
Foam Access	152
Elbows	172-173
Elbow, Front Suction	173
Electric Actuator	141
Electric Controllers	140
Electric Monitor	
Accessories	37-47
DeckMaster	41
FireFox	39
Gemini	40
Ladder Pipe	50
StreamMaster	51, 53
Systems	59, 60
Electric Rewind Booster Reel	123-124
Electric Rewind Reels	128
Electric Riser for DeckMaster	
and StreamMaster	41
Electric Valve Controls,	
Navigator	139-140
Electrical Cord	133
Electrical Cord Reel	127
Electrical Junction Box	130
Electrical Nozzles	6, 16
Elevated Monitor, Manual	61

Excel 1000	33
Expansion Units	176
Extenda-Lite Lights	112-118
Extension Cord	133
Extrusion Mount Brackets	120
E-Z-Lok	175
F	
4AN Nozzles	29
Female to Female Adapter	172, 173
Female to Male Adapter	172, 173
Fiberglass Pike Pole	164-166
FireCalc Pocket Calculator	159
FireFox Nozzles	35
FireFox Monitor	39
Fire Beaters	169
Fire Brooms	169
Fire Rakes	169
Fire Stream Calculator	159
Fitzall Spanner	170
Flanged Inlet Electrical	130
Flashers, Controllers for Lighting	107
Floor Squeegee	169
Flow Meter	159
Flow Navigator	139
Flow Reach Data	190-193
Flow Test Kit	157
Flush Mount Light Head	117
FM Approved Products	55-59
Foam	
AkroFoam	34
Eductors	151-153
Generator, Foam	153
Master Stream Foam Tubes	30
Nozzles	30
Tubes	31
Foam System Application Chart	155
Foam System Layouts	196-197
Fog Applicator	20, 30
Fog Nozzles	
Applicators, Coast Guard	28
Assault	14-17
Coast Guard Approved	28
Hose Rack and Cabinet	21
Military Approved	29
Navy Approved	29
SaberJet	10-12
TurboJet	5-8
Fog Tips	
Assault	14-17
Coast Guard	28
Military	29
Navy	29
TurboJet	5-8
Force Protection Monitor	63
Forestry	
Fire Brooms	169
Fire Rakes	169
Beaters, Fire	169
Nozzles	22
Forestry Monitor	37
Four-Way Hydrant Valve	146
Friction Loss Calculator	159
Front Suction Elbow	173
G	
Gang Box	133
Gas Powered Hose Tester	156
Gate Valve	146
Gauges	
Cap	157
Line	157
Pitot	158
Pressure	158
Thread, Leaf	176
Gel Nozzle	22
Gemini Monitor	40, 49
Gemini Electric Monitor	40
Generation II Swing-Out™ Valve	137
Generator Light Kit	135
Generators	134
Generator, Foam	153
Genesis Monitors	54
GP Manual Monitor	49
GPS Navigation Unit	82
Grease	175
Gripper Pike Pole	164
H	
Hand Held Pitot	158
Hand Held Tachometer	158
Hand Portable Light	114

Hand Tachometer	158
Handle Cup, Bracket	120
Handles, Colored	18
Handle, Remote Control "T"	143
HFRT-10, Trident	65
Heat Sensor	177
Heavy Duty Swing-	
Out Valve	137-138
HID Light	112
High Pressure Nozzles	19
Hi-Riser, Apollo	47
Hoist, Hose	177
Holder, Spanner Wrench	171
Holder, E-Z-Lok Nozzle	175
Honda Generators	134
Hose Cap	172
Hose Clamps	177
Hose Hoist	174
Hose Jacket	174
Hose Jacket Peg	174
Hose and Ladder Strap	177
Hose Plug	172
Hose Rack & Cabinet Nozzle	21
Hose Tester	156
Hose Testing Cap	156
Hydrant Flow Test Kit	158
Hydrant Adapters	172
Hydrant Mount	58
Hydrant Valves	146
Hydrant Wrenches	171
Hydrant Wye	147
Hydraulic Nozzles	32-35
Hydraulic Monitors	60
Hydraulic Reels, Electric Rewind	125
I	
I-Beam Pike Pole	164-166
Industrial Eductors	152
Industrial Monitors	53-61
Industrial Nozzles	8
In-Line Eductor	151-153
In-Line Valves	137-138
Intake Pressure Relief Valve	144
Interior Lighting	100-102
Inverter Generators	134
J	
Jackets, Hose	174
Jet Ratio Controller	153
JRC	153
Junction Box	130
K	
Kits	
Service	186
Tool	175-176
L	
Ladder Pipe	50
Ladder Pipe, Electric	50
Ladder Pipe Mounting Fixture	50
Ladder Pipe Tips	26
Ladder Strap, Hose	177
Leader Line Tip	26
Leader Line Wye	147
Leaf Thread Gauge	176
LED	
Backup	98-99
Courtesy	106
Interior-Dome	100-102
License Illuminator	106
Light Bars	89-90
Marker	103-105
Stop, Turn & Tail	91-97
Warning	83-88
Door Warning	88
License Illuminators	106
Liftoff, Ozzie	48
Light Bars	89-90
Light Heads	112-113
Light Weight Apparatus Valve	138
Line Gauges	157
Line Valves	137-138
Live Cord Reel	128
Locking Collar Bracket	120
Low Profile Booster Hose Reel	123
Lubricants	175
Lubriplate	175
M	
Male to Female Adapter	172-173



Male to Male Adapter	172-173
Manual Mast	116
Marker Lighting	103-105
Master Stacked Tips	27
Master Stream Eductors	153
Master Stream Nozzles	32-35
McLeod Tool	168
Mercury Master 1000 Monitor	45
Mercury Monitor	44
Mercury Nozzle	34
Metal Halide Lighting	113
Mid-Range Nozzles	
Assault	14-17
Mid Range SaberJet	10-12
Turbojets	5-8
Mid-X medium Ex. Foam Tube	31
Military Nozzles	28-29
Mini Stream Shaper	27
Modem Transceiver	81
Monitor Extension	41, 47
Monitors	
Apollo	46-47
Apollo S.I.	46
Aries	50-57
Bronco	55
Conquest	57, 59
Crowd Control	63
Deck	44-47
DeckMaster	41
Dual Inlet	44-47
FireFox	39
Force Protection	59
Forestry	37
Gemini	40, 55
Manual Elevated	61
Mercury	44
MercuryMaster 1000	45
Omega	55-57
Ozzie	44
Portable	44-45
Renegade	43
Severe Duty Monitor	40
Single Inlet	44-45
Steel	56
Storm	58-59
StreamMaster	42-43
Trident HFRT-10	65
Mounting Fixture, Monitor	46-47
Mounting Peg	174
Mounting Plate, E-Z-Lok	175
Multiplexing, V-MUX	71-81
N	
Navigator Valve Controllers	139
Navy Fog Nozzle	29
Navy Fog Tip	29
NEMA Plug Configurations	132
Night Breaker Light Head	112
Nipples	173
Nodes, V-MUX	79-80
Non-Live Reel	128
North Star Light Head	112
Nozzles	
Adapter	24
AkroFam	34
Applicators, Coast Guard	28
AquaStream	33
Assault	14-17
Automatic	
Ball Shutoff	23-25
Brass Fog	8, 21, 28-29
Breakapart, Assault	14-17
Breakapart, TurboJet	5-8
Brush	22
Coast Guard Approved	28
Deck Pipe	32-35
Electrical	6, 16
Foam	30-31
Forestry	22
Holder, E-Z-Lok	175
Hose Rack & Cabinet	21
Mid-Range	5, 11, 12
Military Approved	29
Navy Approved	29
Playpipe, Shutoff	24
Revolving Cellar	20
SaberJet	10-12
SaberMaster	32
TurboJet	5-8

O	
Occupant Restraint Indicator	80

Off Truck Foam Kit	154
Omega	55-57
Omega, Severe-Duty	53
Oscillating Flange	58
Oscillating Monitor	44
Outtrigger Lamp	95
Ozzie	44
Ozzie Master	44
P	
Panel Adapter, Pressure-Vacuum	157
Parker O-Lube	175
Peg, Hose Jacket	174
Piercing Applicator & Extension	21
Pigtail	133
Pike Poles	
3/4" LA Rubbish Hook	165
D-Handle	165
Dry Wall Hook	165
Gripper Pike Pole	164
Mounting Brackets	167
Multi-Purpose Hook	165
Ram Knob	165
Rubbish Hook	165
Shredder	165
Ultra-Lite Pike Pole	164
Ultra-Tough Pike Pole	164
USA Hook	165
Wood Handle Pike Pole	164, 165
Pinch Point Bar	163
Pipes	
Bronco	55
Deck	55
Discharge	27
Ladder	40
Pistol Grip Adapter	24
Pistol Grip, Colored	18
Piston Intake Valve	145
Pitot Gauge	158
Plain Tip	26
Plain Siamese	149
Plain Wye	147
Plates, Running Board Mounting	175
Platform Monitor	39, 40
Playpipes	
Axial	23
Ladder Hook	24
Playpipe Nozzles	23
PL Series Light	114
Plugs & Connectors Electrical	132
Plug, Hose	172
Pneumatically Operated Light	116
Portable Deck Monitor	45, 47
Portable Flow Meter	157-159
Portable Light	114
Portable Monitor, Rover	58
Portable Mount	114, 121
Position Indicators	
Valve	139-140
Monitor	188-189
Pressure, Flow Meter	141
Pressure, Gauge	158
Pressure Relief Valve	144
Pressure-Vacuum Panel Adapter	157
Proportioners	
By-Pass Eductor	151
In-Line Eductor	151
Truck Installations	154
Protector, Thread	24
Pull-up Flood Light	115
Pull-up Poles	115
Pump Panel Lamp	101
Push-up Flood Light	115
Push-up Poles	115
Pry Bars	163
Pyrolite Fittings	
Double Females	172
Double Males	172
Hydrant Wye	147
Hydrant Valve, 4-Way	146
Leader Line Wye	147
Suction Siamese	149
Water Thief	147
Q	
Quad Tail Lamps	91-97
Quarter Turn Drain Valve	144
Quick-Attack Foam Tubes	31
Quickfit Sprinkler Shutoff	175
R	

Rack and Sector Actuators	142
Rail Brackets	167
Rampage	33
Rapid Force	161
Reach Data, Flow	190-193
Receptacles	132
Recess Mount Light	117
Recessed Interior Dome Lamp	100
Recessed T-Handle	143
Remote Control	143
Remote Control T-Handle	143
Remote Control	
Monitor	39-43
Remote Control Systems	59, 60
Renegade Monitor	43
Repair Kits	186
Revolving Cellar Nozzle	20
Riser, DeckMaster	41
Roof Hook	162
Roof Kit, Adapt-a-Pole	166
Roof Top Lighting	89
Roof Turret	65-66
Rover	58
RPM Counter	158
Running Board Mounting Peg	174
S	
SaberJet Nozzles	10-12
Saber Shutoff	25
SaberMaster 1250	32
Salvage Kit, Adapt-a-Pole	166
SceneStar LED Scene Light	111
Scene Lighting	111-121
Seatbelt Indicator	80
Self Educting Forestry Nozzle	22
Sensor, Heat	177
Segments, Expander	176
Service Kits	186
Seoprene Cord	133
Severe-Duty Monitor	40
Shaper Tip	26
Shutoffs	
Nozzles, Ball	25
Playpipe, Nozzles	24
Quickfit Sprinkler	175
Saber	25
Trigger	19
Sledge Hammers	163
Side Mount Brackets	120
Single Inlet Apollo	46
Single Gallonage Master Stream	35
Single Shutoff SaberJet	10-12
Siamese	
Clapper	148
Plain	148
Pyrolite	148
Suction	148
Slo-Cloz	143
Shovel	166
Spanner Wrenches	171
Spanner Wrench Holder	170
Specialty Nozzles	19-22
Sprinkler Shutoff, Quickfit	175
Squeezegee, Floor	166
Stacked Tips	27
Steel Monitors	57, 54, 62
Stepwell Lighting	106
Stonco Light Head	112
Stop, Turn & Tail Lighting	91-97
Stroke Light	86-90
Tail Lighting	91-97
Storm	57-59
Strainers, Suction	
Barrel	174
Basket	174
Strap, Hose & Ladder	177
StreamMaster	51
StreamMaster, Brass	53
StreamMaster, Extended Travel	42
Stream Shaper, Mini	27
Street "T" Diffuser	159
Suction Adapters	173
Suction Elbow	172
Suction Siamese	
Clapper	148
Plain	148
Pyrolite	148
Suction Strainers	174
Suction Valves	149
Super Light, Light Head	113
Swing-Out Valves	137-138
Swing-Out Valve Guide	178-185

Swing-Out Valves,	
Heavy Duty	137-138
Swivel Base Light	117
Swivel Joint	172-173
Swiveling Elbow	172-173

T	
T-Handle	143
Tail Lamp Assemblies	91-97
Tank Washdown System	62
Taps	175
Test Gauge Kit	157
Thief, Water	147
Thread Gage, Leaf	176
Thread Protector	24
Threaded Tip, Leader Line	26
Three-Way Hydrant Wye	147
Three-Way Suction Siamese	149
Three Wrench Holder	171
Thru-Roof Mount	120
Tips	
Assault	14-17
Blitz	25
Coast Guard, Fog	26
Deluge	26
Ladder Pipe	26
Leader Line, Threaded	26
Military Fog	29
Monitor	26-27
Navy Fog	29
Plain	26
Stacked	27
Threaded Leader Line	26
TurboJet	6-8
Tool Brackets	167
Tool Kit	156
Top Mount Brackets	120
Top Mounting Fixture, Monitor	47
Touchscreen, Vista III	77
Tri-Bar	161
Trident HFRT-10	65
Trigger Shutoff	19
Trooper Bar	163
Tripod	114
Tripod Mounting Bracket	114
Tri Tail Lamps	95-97
TurboJet	5-8
Turbomaster	31-33
Turrets	65-69
12 Volt Lighting	112-113
Twist Lock Bracket	120
Two-Inlet Monitor	46-47

U	
Ultra High Pressure Bumper Monitor	38
Ultra High Pressure Bumper Turret	69
Ultra High Pressure Handline Nozzle	19
Ultra-Lite Pike Pole	164-166
Universal II Monitor	
Control System	189
Universal Monitor Mounts	47
Upper Deck	47
Utility Bar	176

Continued on next page...



ZT Nozzle Grip 18



WARRANTY AND DISCLAIMER: We warrant Akron Brass products for a period of five (5) years* after purchase against defects in materials or workmanship. Akron Brass will repair or replace product which fails to satisfy this warranty. Repair or replacement shall be at the discretion of Akron Brass. Products must be promptly returned to Akron Brass for warranty service. We will not be responsible for: wear and tear; any improper installation, use, maintenance or storage; negligence of the owner or user; repair or modification after delivery; failure to follow our instructions or recommendations; or anything else beyond our control. WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, OTHER THAN THOSE INCLUDED IN THIS WARRANTY STATEMENT, AND WE DISCLAIM ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. Further, we will not be responsible for any consequential, incidental or indirect damages (including, but not limited to, any loss of profits) from any cause whatsoever. No person has authority to change this warranty.

*Unless otherwise provided herein. Akron Brass industrial electronic components & the Severe-Duty Monitor have a one (1) year warranty. Weldon products have a one (1) year warranty (excluding consumable components). Select Weldon LED products carry a five (5) year warranty. For Weldon product returns call 800-989-2718. Yamaha and Honda products have the manufacturers' warranty and Akron Brass disclaims any warranty in respect of those products.

© 2011 Premier Farnell Corporation. All rights reserved. Akron, Extenda-Lite, Mercury, MercuryMaster 1000, Shredder, Turbojet, SaberJet, Assault, Akromatic, Pyrolite, Apollo, Apollo Hi-Riser, Black Widow, Rampage, StreamMaster, FireFox, DeckMaster, Ozzie, OzzieMaster, Gemini, TuckAway, Genesis, Storm, Conquest, Renegade, Rampage, Swing-Out, Night Breaker, Zero Torque, Aussie Bush, Adapt-a-Pole, SceneStar, Tri-Bar, Rapid Force and the Akron Logo are trademarks of Premier Farnell Corporation. Raynger and Raytek Logos are trademarks of Raytek Corp. Boostlite is a registered trademark of Mercedes Textiles Limited. All other trademarks are the properties of their respective owners.



Akron Brass conforms with OHSAS 18000:2007 registered from Eagle Registrations Inc. This is to certify that Akron Brass is committed to the Occupational Health and Safety Management System. CERTIFICATE NO. 4374



Akron Brass is ISO 9001: 2000 registered from Eagle Registrations Inc. This achievement attests to our commitment of servicing our customers. CERTIFICATE NO. 3875





In U.S./International
Akron Brass Company
P.O. Box 86 | Wooster, OH 44691
PH: 330.264.5678 | Fax: 330.264.2944
Toll Free: 800.228.1161
Toll Free Fax: 800.531.7335
E-Mail: custserv@akronbrass.com
www.akronbrass.com

Weldon, a division of Akron Brass
3656 Paragon Drive
Columbus, Ohio 43228
PH: 614.529.7230 | Fax: 614.527.3547
Toll Free: 800.989.2718
www.weldoninc.com



Wooster, Ohio



Wooster, Ohio



Washington, Illinois



Columbus, Ohio



Columbus, Ohio