

**IDEX India Pvt. Ltd. - Registered Office**

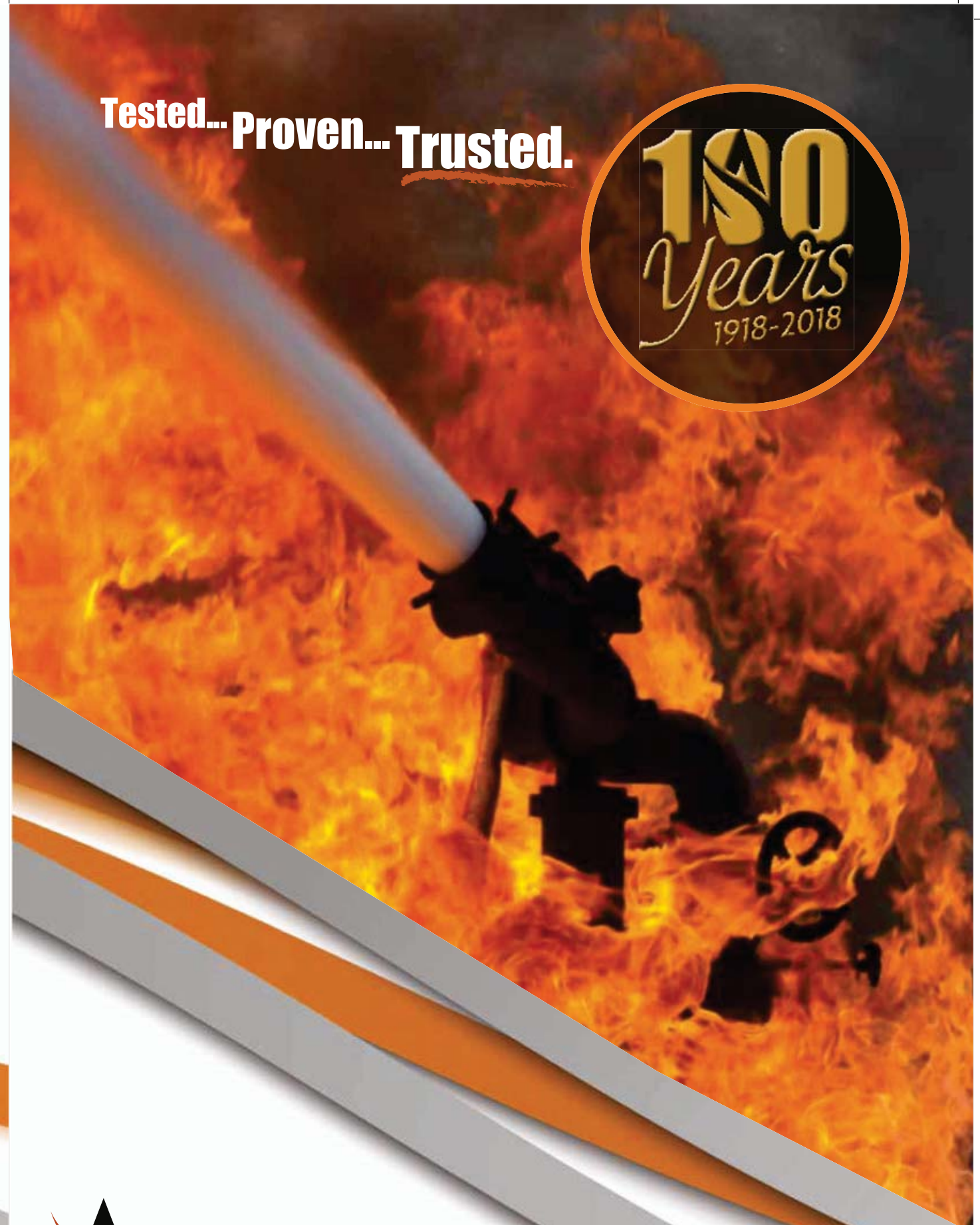
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**Tested... Proven... Trusted.**



# ProVenger™ Nozzles

## ProVenger™ Nozzles

The patent-pending ProVenger family of handline nozzles combines years of design and manufacturing experience with superior performance and dependability; all at an unbeatable value.

This global nozzle series can help you perform your job effectively and efficiently without sacrificing performance or your budget. The ProVenger FG (fixed gallonage) nozzles offer a variety of pressures with the simplicity of a fixed orifice. The simple, rugged design is smooth-to-operate delivering a constant flow, hard-hitting straight stream.

### Features:

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

### 1 1/2" or 2 1/2" (65 mm) ProVenger Nozzles

#### 1616 ProVenger SG Nozzle with Pistol Grip and Spinning Teeth



Style 1616



Style 1616 with 638 Foam Tube



Style	Gallonage	Pistol Grip	Swivel Inlet	Length	Weight lbs. (kg)	Flow Setting**		Max. Operating Pressure
						GPM	LPM	
1616	Selectable	YES	1 1/2" or 2 1/2" (38 or 65 mm)	10 1/2" (267 mm)	4.3 (2 kg)	30-60-95-125-150 @ 75, 87 or 100 psi	115-230-360-475-550 @ 5, 6 or 7 bar	230 psi (16 bar)

# Turbojet® Nozzles

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

- 100 psi (7 bar) standard, 75 psi & 86 psi (5 & 6 bar) optional
- Compatible with Quick-Attack Foam Tube Style 766.

#### 1720 Turbojet Nozzle with Pistol Grip

- SOLAS & CE approved



Style 1720



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

## Wide-Range Turbojet Nozzles

- Flow settings at 100 psi (7 bar) standard, 75 psi (5 bar) optional
- Compatible with Quick-Attack Foam Tube Style 777, See page 36
- Optional 25" (65 mm) inlet available upon request

#### 1763 Wide-Range Turbojet Nozzle with Pistol Grip



Style 1763



Style	Swivel Inlet*	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
1763	1 1/2" (38 mm)	11" (279 mm)	5 1/2 (2.6 kg)	30-95-125-150-200	115-360-475-550-750

## 1" (25mm) 180° Fog Turbojet Nozzles

#### 1772 180° Fog Turbojet with Pistol Grip

- Flow setting at 100 psi (7 bar) standard, 87 psi (6 bar) optional
- Fog pattern can be adjusted from straight stream to 180° for fog pattern
- SOLAS & CE approved (Must specify)
- Available in 2 1/2" (65 mm)



Style 1772



180° Fog Angle

Style	Swivel Inlet	Length	Weight lbs. (kg)	Flow Settings	
				GPM	LPM
1772	1" (25 mm)	9 1/2" (241 mm)	3(1.4 kg)	13-25-40-60	50-100-150-230



# Industrial Manual Monitors

## 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 (4800 lpm)
- Nozzle options available as per requirement.



Style 3528  
Shown with  
Style 4450 Nozzle



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

# Industrial Monitor Systems

## 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
- ATEX approved for Zone 1, 2, 21, & 22 hazardous locations
- Electric motors with current limiting and dynamic braking
- Fixed or automatic baffle nozzles
- Manual overrides
- Custom Engineered to your specification
- Nozzle options available as per requirement.



Style 3678  
Conquest Monitor



Conquest Drive System

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3678	212 (96 kg)	21 1/2" (546 mm)	17 1/4" (432 mm)	14" (356 mm)	4" FL (150 mm)	3 1/2" NH	2000	7570



# Municipal Electric Monitors

## FireFox™ Multi-Purpose Monitor 500 GPM (1900 LPM)

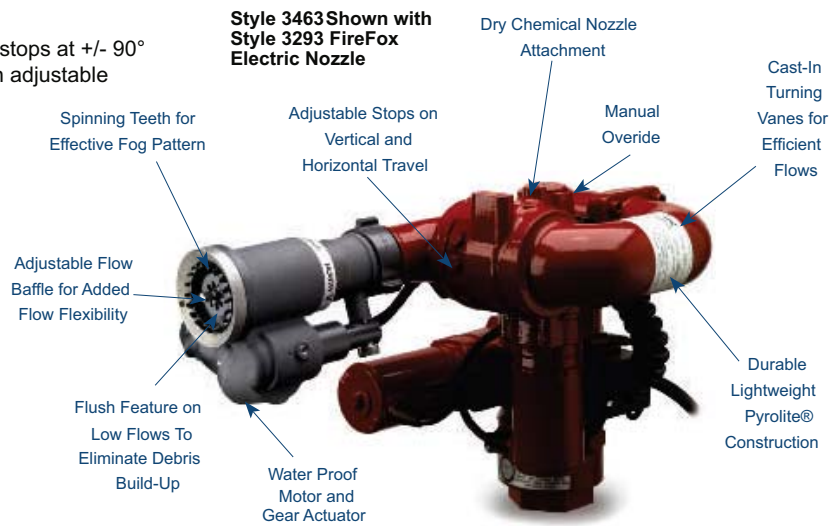
The FireFox Electric Monitor from Akron®, is a technologically advanced remote controlled monitor with flows up to 500 gpm (1900 lpm). The FireFox Monitor is designed to meet various water, foam, CAFS, and dry chemical needs. This versatile monitor can be used for wildland firefighting, mini pumpers, 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 2½" Electric Valve
- 12 or 24 volt (Must specify)
- 2" Quick disconnect
- Position feedback - Optional
- Nozzle options available as per requirement.



Adjustable Flows Available



Style	Weight lbs. (kg)	Stow Position			Inlet	Outlet	Flow	
		Height	Width	Depth			GPM	LPM
3463	25 (113 kg)*	11¾" (298 mm)	11" (279 mm)	11½" (292 mm)	2" or 2½" NPT (50 or 65 mm) 1½" or 3" FL (38 or 75 mm)	1½" or 2½" NH (38 or 65 mm)	500	1900

\* Less nozzle



Wireless Remote Control Available



FireFox available with position feedback for Position Indicator option

## Forestry Multi-Purpose Monitor 300 GPM (1140 LPM)

The 3462 provides an extremely rugged durable design ideal for a multitude of applications with flows up to 300 gpm (1140 lpm). 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.(10.4 kg) 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 (Must Specify)

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3462	23** (10.4 kg)	13¾" (335 mm)	11½" (294 mm)	8 29/32" (226 mm)	2" NPT (50 mm)	1½" (38 mm)	300	1140

\* Base to center of outlet  
\*\* Not including nozzle



Nozzle options available as per requirement.



Style 3462 Shown with 3293 125-300 gpm Nozzle



Style 6035 CAN Joystick



Style 6037 CAN Wireless Interface

# 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

### 911 Ozzie Oscillating Monitor

- Adjustable sweeping range 30° either side of center
- Vertical travel from 35° to 90° above horizontal
- On/Off knob can stop oscillation at any point
- Built-in pressure gauge
- Nozzle options available as per requirement.



Style 911 Shown with Style 4827 Tip



Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
911	29* (13 kg)	13 3/8" (340 mm)	23 3/4" (603 mm)	19 1/4" (490 mm)	2 1/2" (65 mm)	1 1/2" (38 mm)	350	1325

\* Less nozzle

## Mercury Quick Attack Monitor 500 GPM (1900 LPM)

The Mercury 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

- Rated flows up To 500 gpm (1900 lpm)
- Quick deployment
- Unmanned use
- Rotation ±20°
- Elevation 30° to 60° unmanned, and down to 20° when manned
- Nozzle options available as per requirement.



Style 5148



Storage Bracket



Style 2420



Style 489



Style 1545



Styles 4445, 4447 Compatible with 3621 Foam Tube



Style 3621 Foam Tube

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3443	14† (6.4 kg)	9 9/16" (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

# 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 monitor's 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

### 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
- Nozzle options available as per requirement.



Style 3430 with 487 GP Smooth Bore Tip



Style	Weight Lbs.	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3430	15.4 lbs (7 kg)	13 1/4" (337mm)*	11" (279mm)	9 1/2" (250 mm)	3"-4" Flange (75-100 mm) DN80-100 Flange 2 1/2"- 3" NPT or BSP	2 1/2" NH (65 mm)	1000	3800

\* Less Tiller Bar

## StreamMaster™ II Manual Monitors 2000 GPM (7600 LPM)

The StreamMaster II manual monitor is taking monitor design technology to the next level. Included in its patented design is a unique waterway construction capable of flows from 500 gpm (1900 lpm) up to 2000 gpm (7600 lpm). This waterway provides balanced forces on the outlet and reduced friction loss resulting in exceptional stream performance over this wide-range of flows in a small compact package. This dual handwheel controlled monitor is suited for large flow needs in fire apparatus and fixed site installations

- Compact industry leading operating envelope (10.5", 266.7 mm)
- Easy handwheel operation of both horizontal and vertical travel
- Rotational Range: Elevation 45° below to 90° above horizontal
- Nozzle options available as per requirement.

### 3481 4" Flange inlet, 3 1/2" NH outlet up to 2000 gpm flow



Style 3499, Style 4041 Akrochem 2000, Style 5170 Akromatic 2000



Style 3481 Shown with Style 5170 Nozzle

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3481	33.3 (15.1 kg)	18 1/4" (464 mm)	11 1/4" (298 mm)	12 7/8" (316 mm)	4" Flange (DN100)	3 1/2" Male (89 mm)	2000	7600

# Municipal Electric Monitors

## StreamMaster™ II Monitor

With its patented design, the StreamMaster II provides efficient flows up to 2000 gpm (7600 lpm) in a compact configuration. The unique waterway design provides balanced forces on the outlet and reduced friction resulting in exceptional stream performance. The standard absolute position sensors provide advanced features like programmable obstacle avoidance, oscillation, and stow/deploy positions. The onboard, fully sealed IP 67 CAN control system features "plug and play" installation with built-in wireless capability and a USB port for quick software updates in the field. The 355 degree rotation and 165 degree elevation range can be configured for deck or aerial applications making this high performance compact monitor truly universal.

### 3482 StreamMaster II Monitor 1250 gpm (4800 lpm)

- Compact industry leading operating envelope (6", 152 mm)
- Lightweight Pyrolite construction
- Simple "plug and play" installation
- Integrated wireless compatibility, utilizing the optional 3600 hand-held remote control
- Optional manual override hand-wheels
- Absolute position sensors
- Waterproof (IP 67 rated) control system with locking connectors
- User programmable obstacle avoidance
- User programmable stow and deploy positions
- Superior range of motion
  - Rotation Range 355°
  - Elevation Range +120°, - 45°
- 12V or 24V operation
- Compatible with 3406 Electric Riser
- Ladder avoidance mode - Optional

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3482	38.2 (17.3 kg)	16" (400 mm)	11" (280 mm)	16 1/2" (410 mm)	3" Flange (DN80)	2 1/2" Male (65 mm)	1250	4800

\* Less nozzle



Style 2499, Style 2498, Style 3485 Mini Shaper, Style 1578 SaberMaster Nozzle, Style 5177 Akromatic 1250 Nozzle, Style 737 Akromatic 1250 Foam Tube, Style 4040 Akrochem Nozzle, Style 4480 AkroFoam Electric Nozzle with Pickup Tube & Metering Head

US Patent 8,678,022  
Style 3482  
Shown with 5177 Nozzle & optional foam tube

### 3480 StreamMaster II Monitor 2000 gpm (7600 lpm)

- Compact industry leading operating envelope (6", 152 mm)
- Lightweight Pyrolite construction
- Simple "plug and play" installation
- Integrated wireless compatibility, Utilizing the optional 3600 hand-held remote control
- Optional manual override hand-wheels
- Absolute position sensors
- Waterproof (IP 67 rated) control system with locking connectors
- User Programmable Obstacle Avoidance
- User Programmable stow and deploy positions
- Superior Range of Motion
  - Rotation Range 355°
  - Elevation Range +120°, - 45°
- 12V or 24V operation
- Compatible with 3406 Electric Riser
- Ladder avoidance mode - Optional

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3480	40.7 (18.5 kg)	16" (400 mm)	11 1/4" (295 mm)	17" (430 mm)	4" Flange (DN100)	3 1/2" Male (89 mm)	2000	7600

\* Less nozzle



Style 3499, Style 2499, Style 2498, Style 3485 Mini Shaper, Style 1578 SaberMaster Nozzle, Style 5178 Akromatic 2000 Nozzle, Style 738 Akromatic 2000 Foam Tube, Style 5177 Akromatic 1250 Nozzle, Style 4040, 4042 Akrochem Nozzle, Style 4480 AkroFoam Electric Nozzle with Pickup Tube & Metering Head