

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)

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



Style 3462
Shown with 3293
125-300 gpm Nozzle



Style 6035
CAN Joystick



Wireless Remote
Control Available



Style 6037
CAN Wireless
Interface



“Plug and play” connectors



2" Quick-Disconnect,
Ideal for Tilt Cab 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



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 (Must specify)
- 2" Quick disconnect
- Position feedback - Optional

Nozzle Options:

- See page 170 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 33)
- Smooth bore tip with mini shaper

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



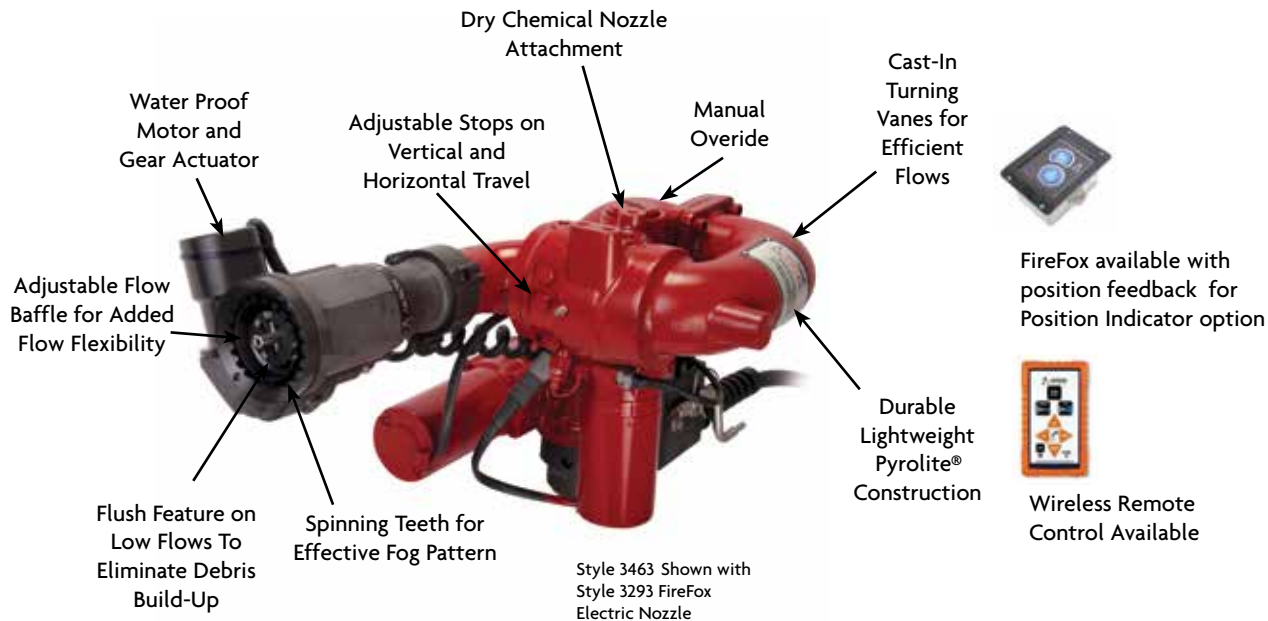
Adjustable Flows Available
See page 38 for nozzle specs

3293 Nozzle Options

Flow	GPM	30	60	95	125
		LPM	115	230	360
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 Tilt Cab Trucks



Style 3463 Shown with Style 3293 FireFox Electric Nozzle

Style	Weight lbs. (kg)	Stow 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

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 170 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 3/4" (336 mm)	10 3/16" (259 mm)	3" - 4" (75-100 mm) NPT or FL	2 1/2" (65 mm)	1000	3800

* Less nozzle



Style 3479
Shown with Style 5177
Akromatic Nozzle

Wireless Remote Control Available



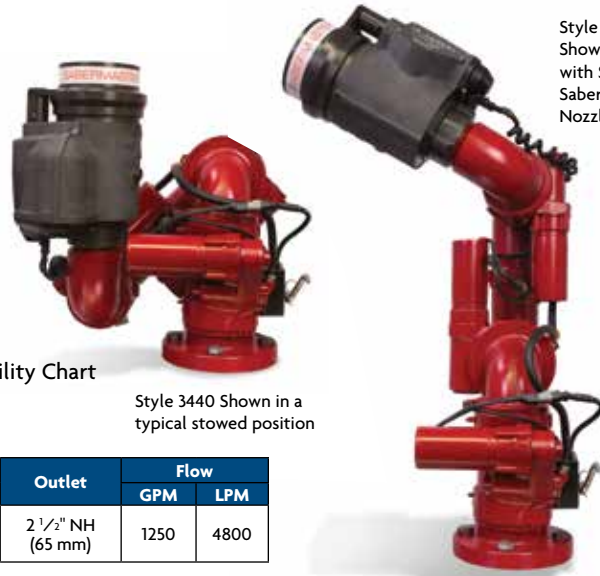


DeckMaster™ Monitor 1250 GPM (4800 LPM)

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 24" 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 170 for Monitor/Fog Nozzle Compatibility Chart



Style 3440
Shown deployed
with Style 1578
SaberMaster™
Nozzle

Style 3440 Shown in a
typical stowed position

See page 51, 172 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

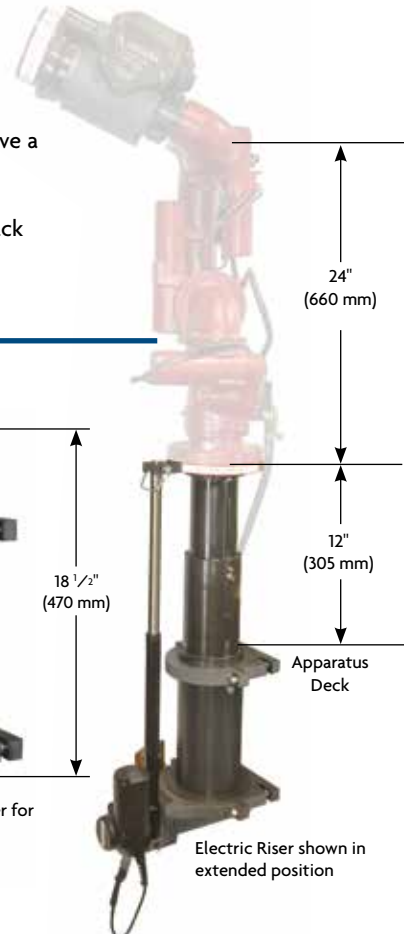


Combine with the Style 1578 SaberMaster nozzle to meet NFPA 1901 recommendations to use remote control monitors for safe deck gun operations.

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

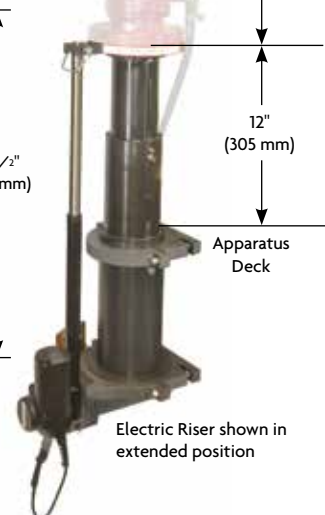
Overcome increased heights of apparatus bodies, raised roof cabs, and other obstacles with the electric riser. It enables an added 12 inches (305 mm) of extension and is the perfect complement to the already superior versatility of the DeckMaster, StreamMaster and other compatible monitors.

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 - Must specify)
- 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

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3406	38 (17.3 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* 5700**

* For 3482 **For 3480

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.



Style 3482
Shown with 5177 Nozzle

US Patent 8,678,022

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 1/8" (410 mm)	3" Flange (DN80)	2 1/2" Male (65 mm)	1250	4800

* Less nozzle

See page 51, 172 for Electric Monitor Accessories

Nozzle Options:



Style 2499

Style 2498

Style 3485 Mini Shaper

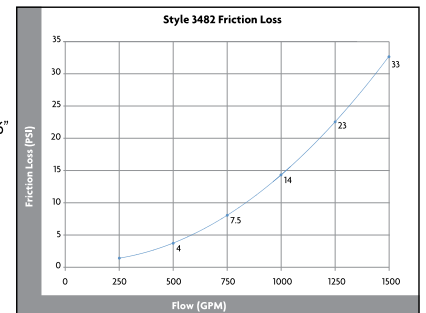
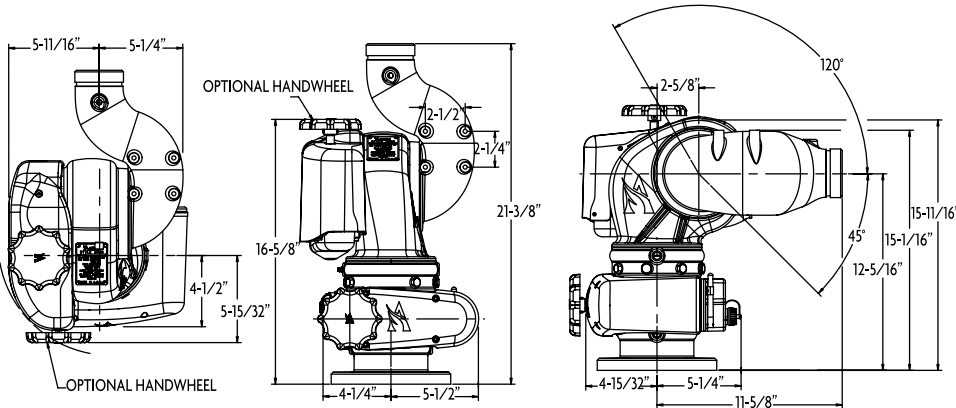
Style 1578 SaberMaster Nozzle

Style 5177 Akromatic 1250 Nozzle

Style 5176 Excel™ 1000

Style 4040 Akrochem Nozzle

Style 4480



StreamMaster™ II Monitor

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 3480
Shown with 5177 Nozzle

US Patent 8,678,022

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow	
							GPM	LPM
3480	40.7 (18.5 kg)*	16" (400 mm)	11 1/8" (295 mm)	17" (430 mm)	4" Flange (DN100)	3 1/2" Male (89 mm)	2000	7600

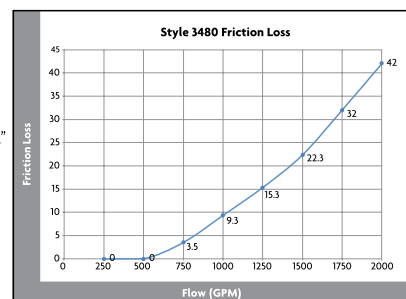
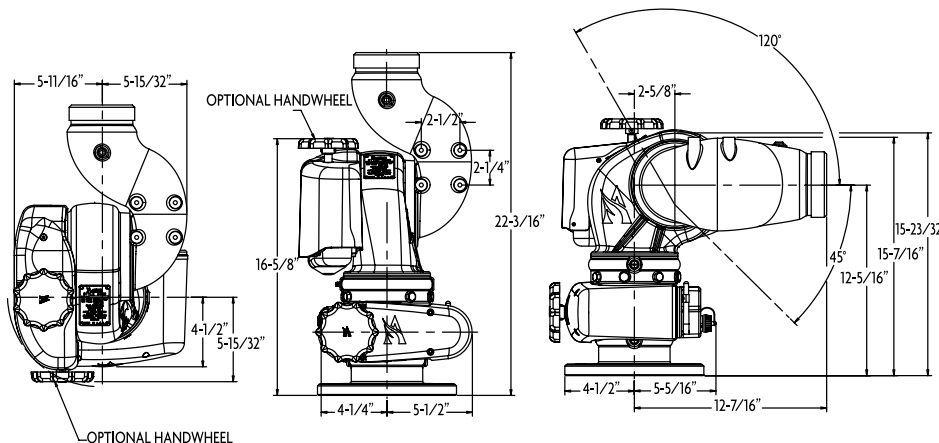
* Less nozzle

See page 51, 172 for Electric Monitor Accessories

Nozzle Options:



Style 3499 Style 2499 Style 2498 Style 3485 Mini Shaper Style 1578 SaberMaster Nozzle Style 5178 Akromatic 2000 Nozzle Style 5177 Akromatic 1250 Nozzle Style 5176 Excel™ 1000 Style 4040, 4042 Akrochem Nozzle Style 4480



Trident™ HFRT-10 High Flow Monitor 2650 GPM (10,000 LPM)

The Trident HFRT-10 High Flow Firefighting Monitor is the pinnacle water delivery system for fire fighting in the world. This monitor is a culmination of years of industry leading experience and unmatched engineering that has resulted in superior performance and reliability. The Trident's revolutionary look and high tech functionality will deliver up to 2650 gpm (10,000 lpm) of water and/or foam solutions in excess of 395' (120 m), rotates 355° horizontally, and exceeds all your expectations.

3356 Trident HFRT-10

- Manual handwheel override
- Flow: 350-2650 gpm (1325-10,000 lpm)
- Horizontal rotation up to 355°
- Vertical travel from +70° & -30°
- Outlet: 3.5" NH (89 mm)
- Position feedback
- 12V & 24V
- Compatible with Electric MasterStream Nozzles

Inlet Options:

- Bottom 4" Flange 150 lb (DN 100)
- Rear 4" Flange 150 lb (DN 100)
- Rear 4" and 5" Victaulic Flange (100 mm and 125 mm)

Options:

- Style 2489 solid bore tip with 395' (120 m) reach capability
- Style 3624 1700 gpm at 230 psi Foam Tube with Reach up to 305' (93 m)
- Style 5178 Akromatic 2000 gpm Fog nozzle with 300 feet (91 m) reach capability
- Variable Speed Joystick
- Wireless Remote Control
- Dry Chemical Piggy Back
- Inside Cab Manual Overrides with 6' Cable
- Integrated Dual Flow Fog Nozzles and Foam Tubes



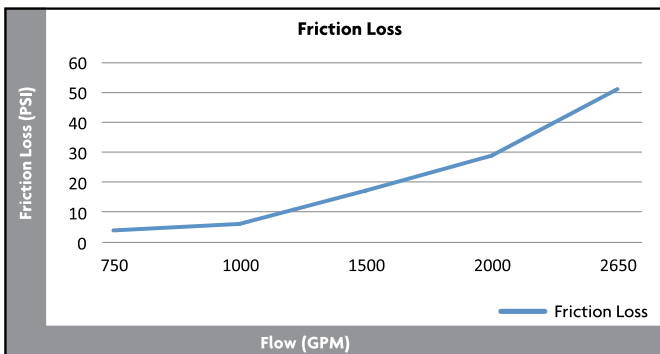
Style 3356
Trident Standard Outlet Shown
with Style 2489 Smooth Bore
and 3485 Stream Shaper



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

3356 High Flow Monitor
Friction Loss: (Monitor only)

Flow	PSI (bar)
750 GPM (3000 LPM)	4 (.28)
1000 GPM (3800 LPM)	6 (.41)
1500 GPM (6000 LPM)	17 (1.2)
2000 GPM (7600 LPM)	29 (2)
2650 GPM (10,000 LPM)	51 (3.5)





AeroMaster12® Monitor 3000 GPM (12000 LPM)

The AeroMaster12 incorporates a waterway that is both velocity and pressure balanced. With this innovation, this monitor provides a smooth operation through its 355° of rotational range and 190° (+120°/-70°) of vertical travel. Additionally, a friction loss of less than 1.4 bar (25 psi) at 12,000 lpm (3,000 gpm) is achieved. The standard absolute position sensors provide advanced features like programmable obstacle avoidance, oscillation, and stow/deploy positions. The onboard, fully sealed IP 67 CAN based monitor control system features simple “plug and play” installation with built-in wireless capability and a USB port for quick software updates in the field.



3000 AeroMaster12 Monitor

- Compact low profile design
- Lightweight Pyrolite construction
- Pressure and velocity balanced for faster speeds and longer life cycle
- CAN multiplexed controls provide simple “plug and play” installation
- Integrated wireless compatibility, utilizing the optional 3600 hand held remote control
- Waterproof (IP 67 rated) electronic control system with locking connectors
- User programmable obstacle avoidance, stow and deploy positions, soft stops, and auto oscillation
- Superior range of motion
 - Rotation range 355°
 - Elevation range 190° (+120° to -70°)
- Proportional speed control
- Manual override handwheel controls (only spin when engaged in manual operation)
- Optional 12V or 24V operation
- Optional Point-Aim Joystick
- Optional patent pending Style 730 Quick-Attack field detachable foam tube
- Optional patent pending flat dispersed ring on fog nozzle



Style 3000
Shown with Style 3700 Nozzle
with Optional Flat Disperse Ring

US Patent 8,678,022

Style	Weight lbs. (kg)	Height	Width	Depth	Inlet	Outlet	Flow		Pressure	
							GPM	LPM	Working (Pr)	Maximum (Pn)
3000	112 (51)	19 5/16" (491 mm)	23 3/32" (587 mm)	27 23/32" (700 mm)	6" (150 mm) or ASA & DIN 150	4 1/2" (115 mm)	3000	12000	150 psi (10 bar)	232 psi (16 bar)

* Less nozzle

Akromatic 3000 Nozzle with Optional Foam Tube

The Style 3700 is a 6,000 to 12,000 lpm (1,500 - 3,170 gpm) automatic nozzle with reach capabilities up to 125 m (410'). With a 4.5" inlet, this nozzle is designed as the perfect match to the Aeromaster12 monitor. The Style 3700 is available with an optional flat disperse pattern ring providing outstanding ground coverage of 46 m (152') wide and maintains in cab operator visibility when used in roof mounted applications. To maximize foam expansion and drain time, just add the field detachable Style 730 Quick-Attack foam tube. The combination of the flat dispersed pattern and the detachable foam tube is patent pending. This flat dispersed pattern ring allows the dispersion jaws to be moved from the end of the foam tube to the front of the foam tube. The result is a lighter foam tube with less moving parts.

3700 Akromatic 3000 Nozzle with Optional Foam Tube

- Lightweight Pyrolite construction
- Automatic flow ranges from 6000 - 12,000 lpm (1,500 - 3,000 gpm)
- Nozzle callibrated at 10 bar at the monitor inlet
- Optional flat dispersed ring on the fog nozzle
- Optional Style 730 Quick-Attack Detachable Foam Tube
- Optional 12V or 24V operation



Style 3000
Shown with Style 3700 Nozzle
and Style 730 Foam Tube



Style 3700
Shown with Optional
Flat Disperse Ring



Style 3700
Nozzle Only



Style 730 with 3700
Shown with Optional
Foam Tube

Renegade™ Electric Monitor 5000 GPM (19,000 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
- Nozzles incorporate new stream shaper for improved stream performance
- Advanced features: position feedback, automatic stow, low current draw and more
- Additional features: manual overrides, drain port, multiple outlet positions and more
- Optional position indicator (Must specify)
- See page 170 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)



Style 3580
Shown with Style 5088
Akromatic® Nozzle

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

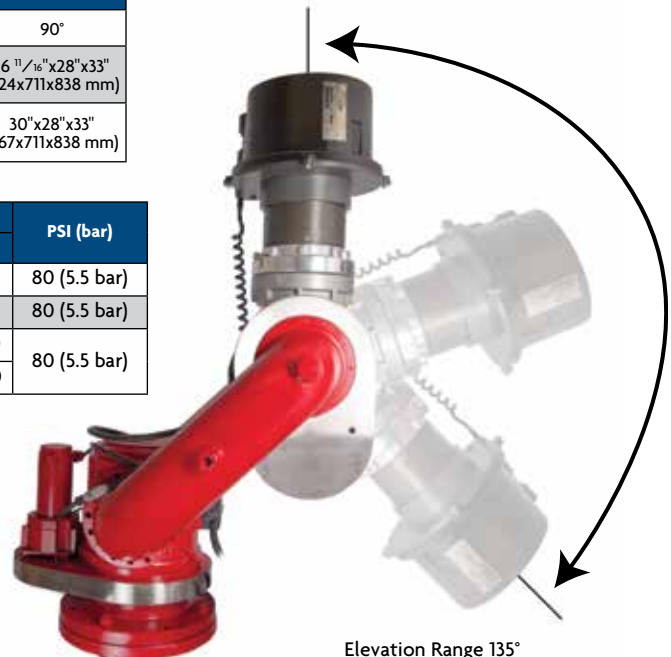
* Less nozzle

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

Available Nozzles	Type	Flow		PSI (bar)
		GPM	LPM	
5088	Automatic	1000-5000	3800-19000	80 (5.5 bar)
2188	Fixed	1000-5000	3800-19000	80 (5.5 bar)
2189*	Adjustable	1000, 2000, 3000, 5000	3800, 7600, 19000	80 (5.5 bar)
		3000, 4000, 5000	11400, 15200, 19000	

* Must specify flow



Elevation Range 135°

See Page 51, 172 for Electric Monitor Accessories