

# Master Stream Nozzles

## SaberMaster™

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

- SaberMaster 1250 reduces the risk of injury by not having to climb onto the deck to change tips.
- Both smooth bore reach and penetration and 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	Material	Pattern Control	Fog Flow		Optional Flow		Solid Bore Orifice	Inlet	Voltage	Length	Weight lbs. (kg)
			GPM	LPM	GPM	LPM					
1577	Pyrolite®	Electric	1250*	4800*	1000*	3800*	2" or 1 15/16" (5.1 or 7.5 cm)	2 1/2" or 3 1/2" (6.4 or 8.9 cm)	12 or 24 Volt	14 13/16" (37.6 cm)	24 (10.9 kg)
1545	Pyrolite	Manual	350*	1325*	-	-	1 3/8" (3.5 cm)	2 1/2" (8.9 cm)	-	10 7/16" (26.5 cm)	8 1/2 (3.9 kg)

\* Flow at 80 psi



Style 1577



Style 1545

## Akromatic® 2000

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

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

Style	Material	Pattern Control	Flow		Optional Flow		Inlet	Teeth	Voltage	Length	Weight lbs. (kg)
			GPM	LPM	GPM	LPM					
5170	Pyrolite	Manual	500-2000	1900-7600	500-1500	1900-5700	3 1/2" (8.9 cm) (NH OR NPSH ONLY)	Fixed	NA	9 1/8" (23.2 cm)	15 1/4 (6.9 kg)
5071	Brass	Manual	500-2000	1900-7600	-	-	3 1/2" (8.9 cm) (NH OR NPSH ONLY)	None	NA	12" (30.5 cm)	37 1/4 (16.9 kg)
5178	Pyrolite	Electric	500-2000	1900-7600	500-1500	1900-5700	3 1/2" (8.9 cm) (NH OR NPSH ONLY)	None	12 or 24 Volt	9 1/2" (24.1 cm)	15 1/2 (7.0 kg)



Style 5178

## Akromatic 1250

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

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

Style	Material	Pattern Control	Flow		Optional Flow		Inlet	Teeth	Voltage	Length	Weight lbs. (kg)
			GPM	LPM	GPM	LPM					
5160	Pyrolite	Manual	250-1250	950-4800	250-1000	950-3800	2 1/2" or 3 1/2"* (6.4 or 8.9 cm)	None	-	9 1/2" (24.1 cm)	12 (5.4 kg)
5075	Pyrolite	Electric	250-1250	950-4800	250-1000	950-3800	2 1/2" or 3 1/2"* (6.4 or 8.9 cm)	**	12 or 24 Volt	9" (22.9 cm)	12 1/2 (5.7 kg)
5177	Pyrolite	Electric	250-1250	950-4800	250-1000	950-3800	2 1/2" or 3 1/2"* (6.4 or 8.9 cm)	None	12 or 24 Volt	10 3/8" (26.4 cm)	13 (5.9 kg)

\*\* Flat dispersed pattern

\* 3 1/2" - NH only



Style 5160



Style 5075



Style 5177

# Master Stream Nozzles

## Turbomaster™

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

- Pattern detents for positive stream positioning

Style	Material	Pattern Control	Flow at 100 PSI (7 bar)		Optional flow at 7 bar		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM	GPM	LPM				
1745	Pyrolite	Manual	250-400-550-750	950-1512-2100-2900	-	500-1000-1500-2000	2 1/2" (6.4 cm)	Spinning	9" (24.1 cm)	11 (5.4 kg)
1755	Pyrolite	Manual	500-750-1000-1250	1900-2900-3800-4800	-	-	2 1/2" (6.4 cm)	Spinning	10" (22.9 cm)	13 (5.7 kg)
1757	Pyrolite	Manual	350-500-750-1000	1325-1900-2900-3800	-	-	2 1/2" (6.4 cm)	Spinning	10" (22.9 cm)	13 (5.9 kg)



Style 1745

## Aquastream™

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

- With grease fitting



Style 4450 Only

Style	Material	Pattern Control	Flow at 100 PSI (7 Bar)		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
4450	Brass	Manual	500 (300 & 700)*	2900 (1140 & 2660)*	2 1/2" (6.4 cm)	Fixed	7" (17.8 cm)	14 1/2 (6.6 kg)
4452	Pyrolite	Manual	500 (300 & 700)*	1900 (1140 & 2660)*	2 1/2" (6.4 cm)	Fixed	7" (17.8 cm)	4 3/4 (2.2 kg)

\* Field changeable spacers included with nozzle



Style 4452

## Rampage™

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



Style 4461 Only

Style	Material	Pattern Control	Flow at 100 PSI (7 Bar)		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
4460	Brass	Manual	750 (500, 1000 & 1250)*	2900 (1900, 3800 & 4800)*	2 1/2" (6.4 cm)	None	9" (22.9 cm)	23 1/4 (10.5 kg)
4461	Brass	Manual	750 (500, 1000 & 1250)*	2900 (1900, 3800 & 4800)*	2 1/2" (6.4 cm)	None	9" (22.9 cm)	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 4462 with Electric Pattern Actuation

Style	Material	Flow at 100 PSI (7 Bar)		Inlet	Length	Weight lbs. (kg)
		GPM	LPM			
4462	All brass and stainless steel construction	500-1000 @ 100 psi	1900-3800 @ 7bar	2.5" NH	8 1/8" (20.6 cm)	19.6 (8.9 kg)

## MasterStream Nozzle with Shutoff Style 5179

- Shutoff built into a MasterStream nozzle, no need for butterfly valve on an aerial waterway
- Manual override
- Visual indicator of shutoff, to clearly see when nozzle is in shutoff mode
- Variable pattern control, fog pattern to straight stream to shutoff
- Designed for aerial flow applications



Style 5179

Style	Material	Flow at 80 PSI (5.5 Bar)		Inlet	Length	Weight lbs. (kg)
		GPM	LPM			
5179	Pyrolite	500-1500 @ 80 psi	1900-5700 @ 5.5 bar	2.5" NH	11 1/4"	17.3 (7.9 kg)

## 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" (6.4 cm)	Spinning	7" (17.8 cm)	5 (2.3 kg)
4447	Pyrolite	Manual	250-375-500	950-1400-1900	2 1/2" (6.4 cm)	Spinning	7" (17.8 cm)	5 (2.3 kg)

Style 4447



## Excel 1000™

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

Style	Material	Pattern Control	Flow at 100 PSI (7 bar)		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
1747	Pyrolite	Manual	300-500-800-1000	1140-1900-3030-3800	2 1/2" (6.4 cm)	Spinning	8 1/2" (21.6 cm)	8 1/2 (3.9 kg)
3747	Brass	Manual	300-500-800-1000	1140-1900-3030-3800	2 1/2" (6.4 cm)	Spinning	8 1/2" (21.6 cm)	25 (11.3 kg)

Style 1747



## Akrofoam™

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

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

### 4475 Pyrolite Akrofoam

- Spring loaded baffle that allow flow setting selection of 350, 500, 750, or 1000 gpm (1325, 1900, 2900, or 3800 lpm) with a simple push and turn of the baffle head.
- Quick connect, adjustable metering head with pick up rates 1% & 3%, plus 6% for 350 & 500 gpm and 1% & 3% for 750 & 1000gpm

Style 4475



### 4470 Brass Akrofoam

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

Style 4470



### 4471 Akrofoam Nozzle with Electric Pattern Actuation

- All brass and stainless steel construction
- Ideal for mining applications
- Exposed surfaces protected by heavy-duty, weather resistant bellows
  - Metering Rate :
    - 1%, 3%, & 6% for 350 & 500 gpm
    - 1% & 3% for 750 & 1000 gpm
  - Maximum Pressure: 200 psi/14 bar
  - Maximum Motor Current Draw:
    - 12 Volt Motor: 3 amps
    - 24 Volt Motor: 1.5 amps



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



Style	Material	Pattern Control	Flow at 100 PSI (7 bar)		Inlet	Length	Weight lbs. (kg)
			GPM	LPM			
4475	Pyrolite	Manual	500 (350, 750 & 1000)	1900 (1325, 2900 & 3800)	2 1/2" (6.4 cm)	9 1/4" (23.5 cm)	12 (5.4 kg)
4470	Brass	Manual	500 (350, 750 & 1000)*	1900 (1325, 2900 & 3800)*	2 1/2" (6.4 cm)	12 3/8" (31.4 cm)	25 (11.3 kg)
4471	Brass and Stainless Steel Construction	-	350, 500, 750 & 1000 @ 100 psi	1300, 1900, 2900 & 3800 lpm @ 7 bar	2.5" NH (6.4 cm)	12 1/4" (31.1 cm)	30 (13.6 kg)

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

Style 4471 with Electric Pattern Actuation



## Black Widow®

- Single fixed flows

Style	Material	Pattern Control	Flow		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
2151	Brass	Manual	300-1000*	1140-3800*	2 1/2" (6.4 cm)	Spinning	8 1/2" (21.6 cm)	25 (11.3 kg)
2152	Pyrolite	Manual	300-1000*	1140-3800*	2 1/2" (6.4 cm)	Spinning	8 1/2" (21.6 cm)	9 (4.1 kg)
2155	Pyrolite	Hydraulic	300-1000*	1140-3800*	2 1/2" (6.4 cm)	Spinning	8 1/2" (21.6 cm)	9 (4.1 kg)
2156	Brass	Hydraulic	300-1000*	1140-3800*	2 1/2" (6.4 cm)	Spinning	8 1/2" (21.6 cm)	29 (13.2 kg)

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



Style 2151

Style 2156

## Akromatic 1000

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

Style	Material	Pattern Control	Flow		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
5051	Brass	Manual	350-1000	1325-3800	2 1/2" (6.4 cm)	Spinning	9 3/4" (24.8 cm)	26 (11.8 kg)
5055	Pyrolite	Hydraulic	350-1000	1325-3800	2 1/2" (6.4 cm)	Spinning	9 3/4" (24.8 cm)	9 1/4" (4.2 kg)
5056	Brass	Hydraulic	350-1000	1325-3800	2 1/2" (6.4 cm)	Spinning	9 3/4" (24.8 cm)	30 1/2" (13.8 kg)

Style 5055



## FireFox™ Nozzle

An electrically controlled nozzle with flows from 15 to 500 gpm (60 to 1900 lpm) at an operating pressure of 100 psi (7 bar). The FireFox nozzle comes with either a single fixed flow baffle or an adjustable four setting baffle and is for use with 12 or 24 Volt monitors featuring current limiting, such as the Style 3463 FireFox.

### 3293 FireFox Electric Nozzle

- 1 1/2" swivel inlet for flows up to 350 gpm
- 2 1/2" swivel inlet for flows 350 to 500 gpm
- Spinning teeth
- Optional flat disperse pattern - Must specify
- Optional add-on foam tubes - See page 21
- Adjustable Flow Options:
  - 30-60-95-125 gpm (115-230-360-475 lpm) with electric flush
  - 125-175- 250-350 gpm (475-660-950-1325 lpm) without electric flush
  - 350-400-450-500 gpm (1325-1525-1700-1800 lpm) without electric flush
- Fixed Flow Options: (Must specify flow rate)
  - 15 to 200 gpm (60 to 750 lpm) with electric flush
  - 225 to 500 gpm (850 to 1900 lpm) without electric flush



Size	Flow Gpm	Length	Weight lbs. (kg)
1 1/2" (3.8 cm)	15-125	7" (17.8 cm)	5 (2.3 kg)
1 1/2" (3.8 cm)	125-350	7 3/7" (18.7 cm)	7.2 (3.4 kg)
2 1/2" (6.4 cm)	350-500	7 3/7" (18.7 cm)	7.5 (3.4 kg)

## Single Gallonage Master Stream

Style	Material	Pattern Control	Flow		Inlet	Teeth	Length	Weight lbs. (kg)
			GPM	LPM				
2171	Brass	Manual	1000-2000*	3800-7600*	3 1/2" (8.9 cm)	None	12" (30.5 cm)	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