

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)
5148*	Pyrolite	Manual	800, 1000	3030, 3800	2 1/2" (65 mm)	-	11 1/4" (299 mm)	13.1 (5.9 kg)

* Oscillating MercuryMaster Nozzle for use on the MercuryMaster Monitor only



Style 4447

Style 5150 Automatic Nozzle



Style 5147 Adjustable Flow Nozzle



Style 5148



Akrofoam™

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

- Manual pattern control
- 10' (3 m) pick up hose and 40" (1000 mm) 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 & 1000 gpm

4470 Brass Akrofoam

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

4471 Akrofoam Nozzle with Electric Pattern Actuation

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



Style 4475



Style 4470



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



Style 4471 with Electric Pattern Actuation

Style	Material	Pattern Control	Flow at 100 PSI (7 bar)		Inlet	Length	Weight lbs. (kg)
			GPM	LPM			
4475**	Pyrolite	Manual	500 (350, 750 & 1000)	1900 (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 1/8" (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



www.bigredtruck.com.au
07 3287 5504



"Quality and Innovative Fire and Rescue Equipment"