

ULTRAJET™

Best of Both Worlds



UltraJet™ Handline Nozzle - Style 1820

The UltraJet combines the powerful punch of a true smooth bore and the widespread protection of a full fog. This nozzle simplifies fire ground operations with intuitive functionality, the ability to change patterns without shutting down and matching flows in all patterns, so there is no need to control pressure at the pump.

Whether you prefer smooth bore or fog, the UltraJet incorporates the best of both worlds so you never have to compromise.

Smooth Bore and Fog All-In-One

The UltraJet brings the hard-hitting penetration of a smooth bore with the overall coverage, hydraulic ventilation and heat absorption of a full NFPA fog nozzle. Combining these options also eliminates lost or misplaced tips. This all-in-one nozzle can handle both water and foam.

One Pressure, One Flow, Regardless of Stream

With the UltraJet, there is no need to involve the pump operator to manage pressure while transitioning from smooth bore to fog. Switch smoothly from one to the other without losing flow or pressure.

Standard Operation, Minimal Training

No additional training is required to get smooth bore and fog all-in-one. The UltraJet nozzle operates just like the standard nozzles you've been accustomed to using, making training straightforward and mutual aid no problem.



Colored pistol grip handle available to complement crosslays



True Smooth Bore



Narrow Fog



Full NFPA Fog

ULTRAJET™

Operates like a typical nozzle for minimal training

Reflective labels and detents to assist in pattern identification

Handle opens or shuts off the flow of water

1 1/2" or 2 1/2" (38 mm or 65 mm) standard NH inlets with optional inlets available (BIM, JIM, Storz, BSP)

Optional field removable pistol grip

Patent Pending

Style 1820



* 3/4" Tip Only



Additional Features

- Open and close the bale handle to turn the water on or off
- Twist the bumper to change the flow pattern
- Operates like a fixed orifice nozzle
- Can be used with CAFS, premixed foam, portable eductors
- Low pressure operation at 50 psi (3 bar) reduces firefighter fatigue
- Flow Range 118 to 297 gpm (447 to 1124 lpm)
- Available in 1" (25 mm), ¹⁵/₁₆" (24 mm), ⁷/₈" (22 mm) and ³/₄" (19 mm) tip sizes
- Meets all NFPA requirements
- CE Certified (EN15182-2) when using ³/₄" smooth bore only
- 10 year warranty

Flows in Smooth Bore and Fog

Pressure	Tip Size			
	1" (25 mm)	¹⁵ / ₁₆ " (24 mm)	⁷ / ₈ " (22 mm)	³ / ₄ " (19 mm)
50 psi (3.5 bar)	210 gpm (795 lpm)	184 gpm (700 lpm)	161 gpm (609 lpm)	118 gpm (447 lpm)
75 psi (5 bar)	257 gpm (973 lpm)	226 gpm (855 lpm)	197 gpm (746 lpm)	145 gpm (549 lpm)
87 psi (6 bar) CE	277 gpm (1048 lpm)	243 gpm (924 lpm)	212 gpm (802 lpm)	156 gpm * (590 lpm)
100 psi (7 bar)	297 gpm (1124 lpm)	261 gpm (988 lpm)	227 gpm (859 lpm)	167 gpm (632 lpm)

* ³/₄" (19 mm) tip is CE EN 15182-2 certified

Technical Specifications

Style	Standard Inlet Sizes	Length	Weight	Tip Options	Construction	Teeth	Colored Pistol Grip and Bale Handle	Optional Inlets	Certifications
1820	1 1/2", 2 1/2" (38, 65 mm)	12" (305 mm)	6.2 lbs (2.8 kg)	³ / ₄ ", ⁷ / ₈ ", ¹⁵ / ₁₆ ", 1" (19, 22, 24, 25 mm)	Pyrolite® Body Silicone Bumper & Turbine Ring Polymer Pistol Grip & Bale	Spinning Polymer	Standard is Black. Field removable pistol grip if none is desired.	BIM, BIF, Storz, BSP, JIM	NFPA, CE*

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