

DATA SHEET

SM-1250B X-Stream Nozzle

Built to perform, the X-Stream® Series automatic nozzles are designed to self-adjust based on variable or reduced pressure and flow to maintain an effective stream with maximum reach.

- 350-1250 gpm @ 75 psi (1330-4750 LPM @ 5 BAR)
- Large handles for manual stream pattern adjustment
- FM Approved

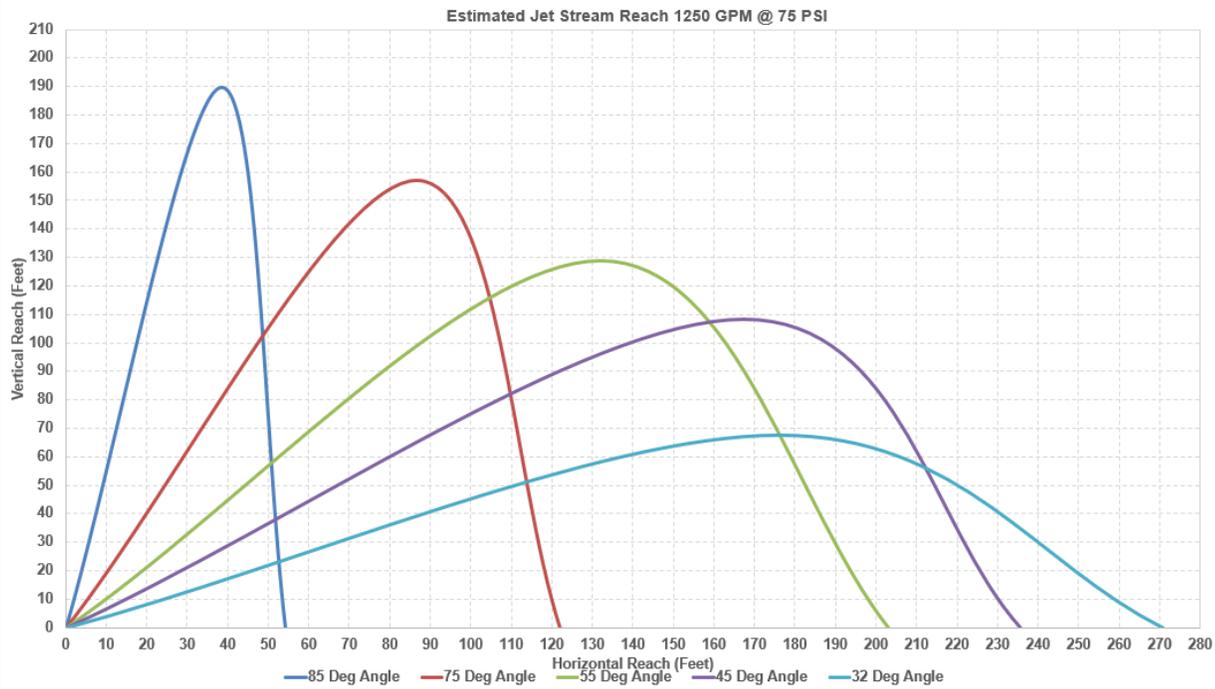


Features

- Flow range of 350-1250 gpm @ 75 psi (1330-4750 LPM @ 5 BAR)
- Calibrated to operate at lower inlet pressures of 75 (5 BAR)
- Straight stream, narrow fog (30°) or wide fog (90°)
- Precision cut metal teeth for exceptional fog pattern
- Marine brass construction UNS-C83600. Satin finish standard, nickel plated finish optional.
- Durable brass construction for corrosive and non-corrosive environmental applications with some models having an electroless nickel-plated coating for extra protection
- Stream pattern is easily adjusted under flowing conditions from wide fog (90°) to straight (jet)
- This nozzle can be used with water or premixed foam solution.
- No twist shutoff
- **5 Year Warranty**

Nozzle	
	SM-1250B
Rated flow	350-1250 gpm @ 75 psi (1330-4750 LPM)
Rated pressure	75 PSI (5 bar)
Inlet size	2.5" NH female swivel rocker lug
Type	Constant flow (all stream patterns)
Material	Corrosion resistant brass
Weight	20.6 lbs. (9.34 kgs.)
Ambient temperature	-35°F - 232°F (-37°C - 111°C)
Certification	FM Approved - 5511

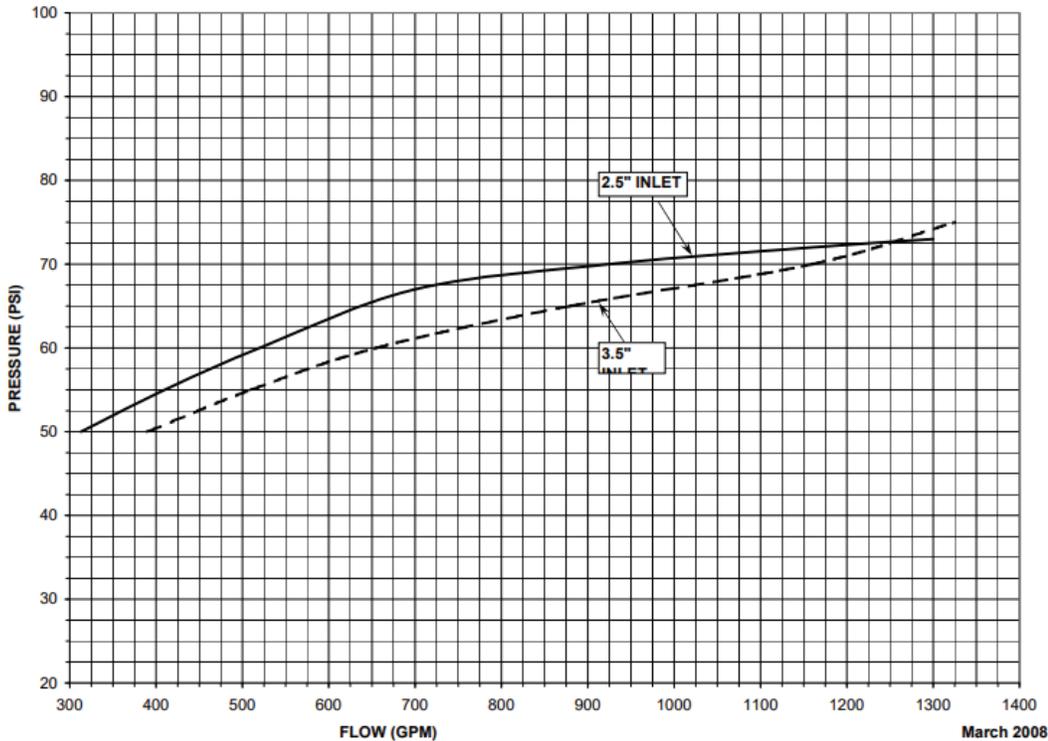
Stream Reach



This fire stream data is an engineering estimate using just water and is provided for reference only. Actual stream performance is affected by environmental conditions and fire water supply conditions at the site. All equipment should be assessed after installation to verify the adequacy of the fire protection systems.

Discharge Data

SM-1250 (ALL MODELS)
X-STREAM NOZZLE
DISCHARGE DATA



The flow and reach data found on the following pages is compiled and updated by our engineering staff in the testing area of our assembly department.

- The flow is determined by an electronic flowmeter while a piezometer gauge at the base/inlet of the nozzle establishes the “nozzle pressure.”
- Narrow Fog (30 degrees) and Wide Fog (90 degrees) are then established by measuring where the last water droplets are falling at ground level. These tests are conducted in “still air” conditions, so the actual results will vary depending upon conditions.

Performance

Catalog No.	Inlet Size	Stream Setting	Discharge in U.S. GPM						Effective Reach in Feet					
			Nozzle Pressure PSI						Nozzle Pressure PSI					
			50	60	65	70	75	80	50	60	65	70	75	80
SM-1250 Series	2.5	SS	315	525	630	925	1250	—	139	182	220	257	271	—
		Narrow Fog							105	110	116	119	130	—
		Wide Fog							57	62	69	77	92	—
	3.5	SS	385	655	875	1100	1250	—	110	140	172	220	229	—
		Narrow Fog							100	129	132	136	140	—
		Wide Fog							56	62	68	72	82	—

Dimensions (inches)

