

DATA SHEET

SM-2000B 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.

- 500-2000 gpm @ 80 psi (1900-7550 LPM @ 5.5 BAR)
- Large handles for manual stream pattern adjustment
- FM Approved

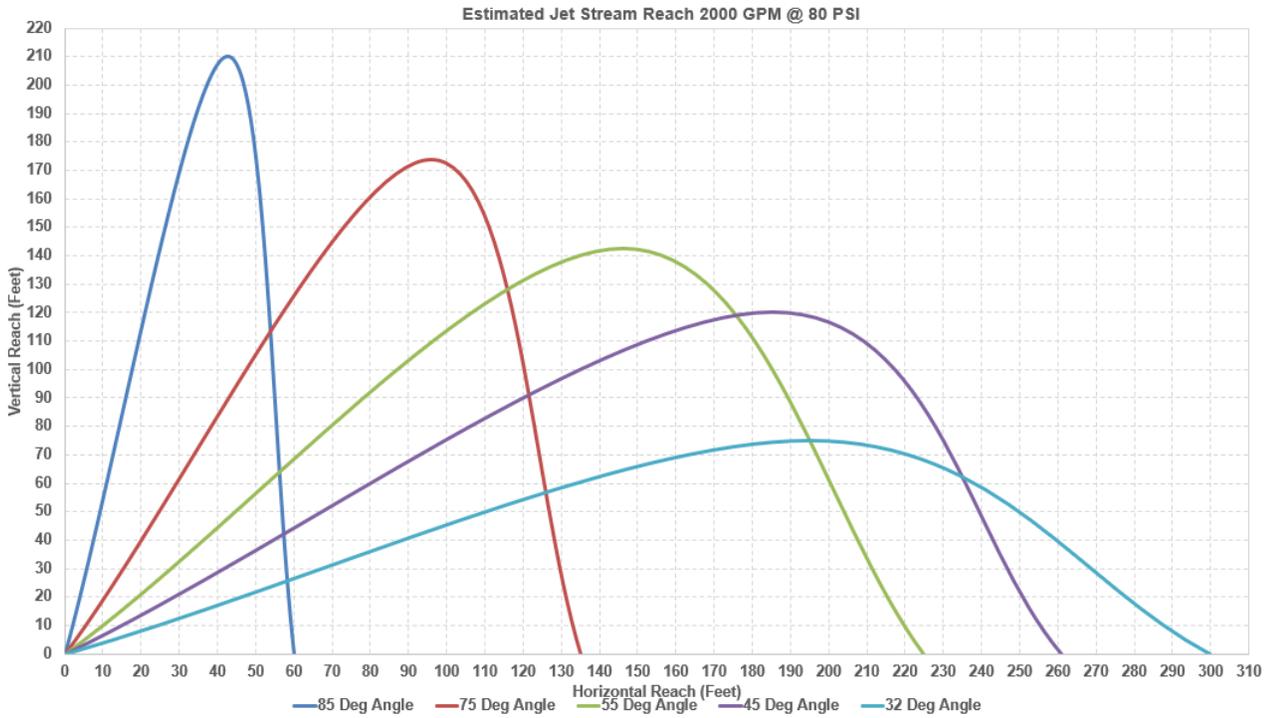


Features

- Flow range of 500-2000 gpm @ 80 psi (1900-7550 LPM @ 5.5 BAR)
- Calibrated to operate at lower inlet pressures of 75 psi (5.5 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 even 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**

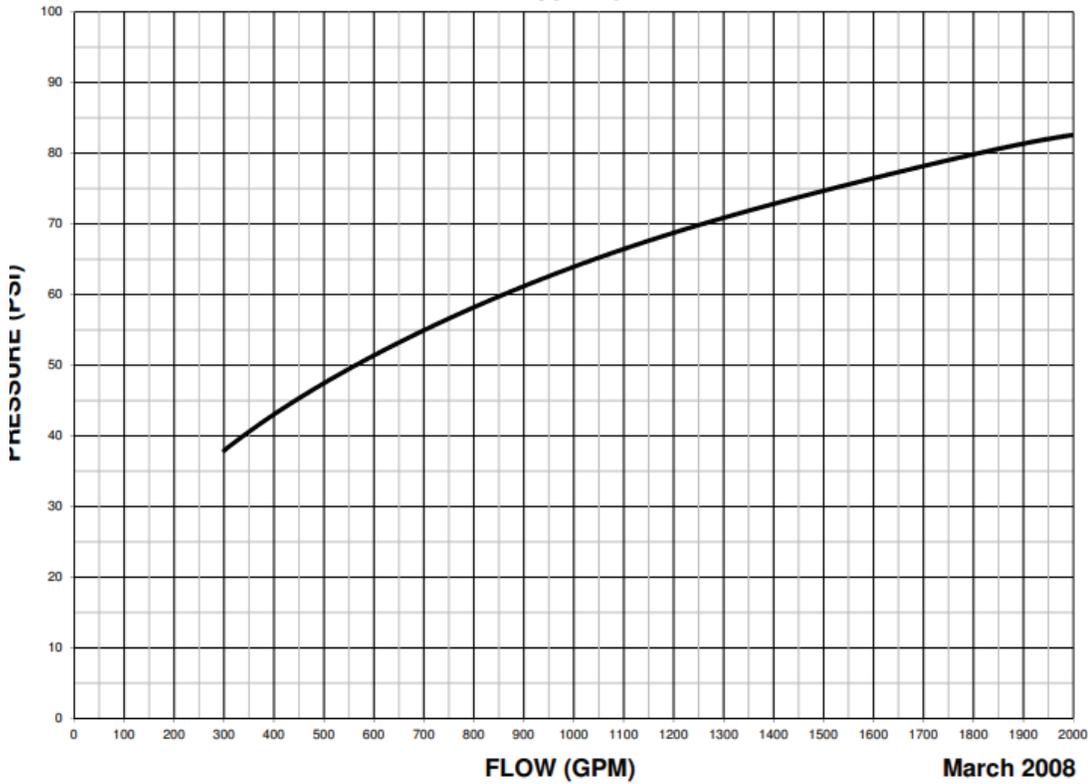
Nozzle	
	SM-2000B
Rated flow	500-2000 gpm @ 80 psi (1900-7550 LPM @ 5.5 BAR)
Rated pressure	80 PSI (5.5 bar)
Inlet size	3.5" NH female swivel rocker lug
Type	Constant flow (all stream patterns)
Material	Corrosion resistant brass
Weight	38.0 lbs. (17.2 kgs.)
Ambient temperature	-35°F - 232°F (-37°C - 111°C)
Certification	FM Approved - 5511

Stream Reach



Discharge Data

**SM-2000, SM-1500E & SM-2000E
X-STREAM NOZZLE
DISCHARGE DATA**



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.

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.	Stream Setting	Discharge in U.S. GPM										Effective Reach in Feet										
		Nozzle Pressure PSI										Nozzle Pressure PSI										
		50	60	70	75	80	85	90	95	100	105	110	50	60	70	75	80	85	90	95	100	105
SM-1500 Series SM-2000 Series	SS											—	—	—	240	300	—	—	—	—	—	—
	Narrow Fog	500	850	1250	1500	2000	—	—	—	—	—	—	—	—	125	148	—	—	—	—	—	—
	Wide Fog											—	—	—	90	100	—	—	—	—	—	—

Dimensions (inches)

