

DATA SHEET

IMS-1000 Select-O-Stream Nozzle

The Elkhart Brass Select-O-Stream® nozzles are constant flow with a fully machined waterway that ensures excellent stream quality. The Select-O-Stream nozzles are FM Approved.

- 1000 gpm @ 100 psi (3800 LPM @ 7 BAR)
- This fixed gallonage nozzle can be used with water or premixed foam solution.
- Wide 140° fog pattern
- FM Approved



Features

- Flow Rate: 1000 gpm @ 100 psi (3800 LPM @ 7 BAR)
- Rugged brass construction UNS C84400 standard, UNS C83600 marine brass available upon request
- Stream Pattern easily changed under flowing conditions from straight stream to 90° fog
- No-twist shutoff
- Grease zerk fitting for easy lubrication of tip threads
- Fully machined waterway for excellent stream quality
- **5 Year Warranty**

Nozzle	
	IMS-1000
Rated flow	Flow Rate: 1000 gpm @ 100 psi (3800 LPM @ 7 BAR)
Rated pressure	100 PSI (7bar)
Inlet size	2.5" NHT female swivel
Type	Constant flow (all stream patterns)
Material	Corrosion resistant brass
Weight	13.0 lbs. (5.9 kgs.)
Ambient temperature	-35°F - 232°F (-37°C - 111°C)
Certification	FM approved - 5511

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

GPM	GPM	Stream Setting	Discharge in U.S. GPM									Effective Reach in Feet							
			Nozzle Pressure PSI									Nozzle Pressure PSI							
			40	50	60	70	80	90	100	125	40	50	60	70	80	90	100	125	
IMS	1000	SS										159	180	204	225	242	252	263	289
		Narrow Fog	676	725	800	853	945	962	1000	1153	104	115	125	135	144	152	160	180	
		Wide Fog										59	66	72	80	88	98	100	118

Dimensions (inches)

