

# DATA SHEET

## IMS-750 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.

- 750 gpm @ 100 psi (2900 LPM @ 7 BAR)
- This fixed gallonage nozzle can be used with water or premixed foam solution.
- Wide 140° fog pattern
- FM Approved



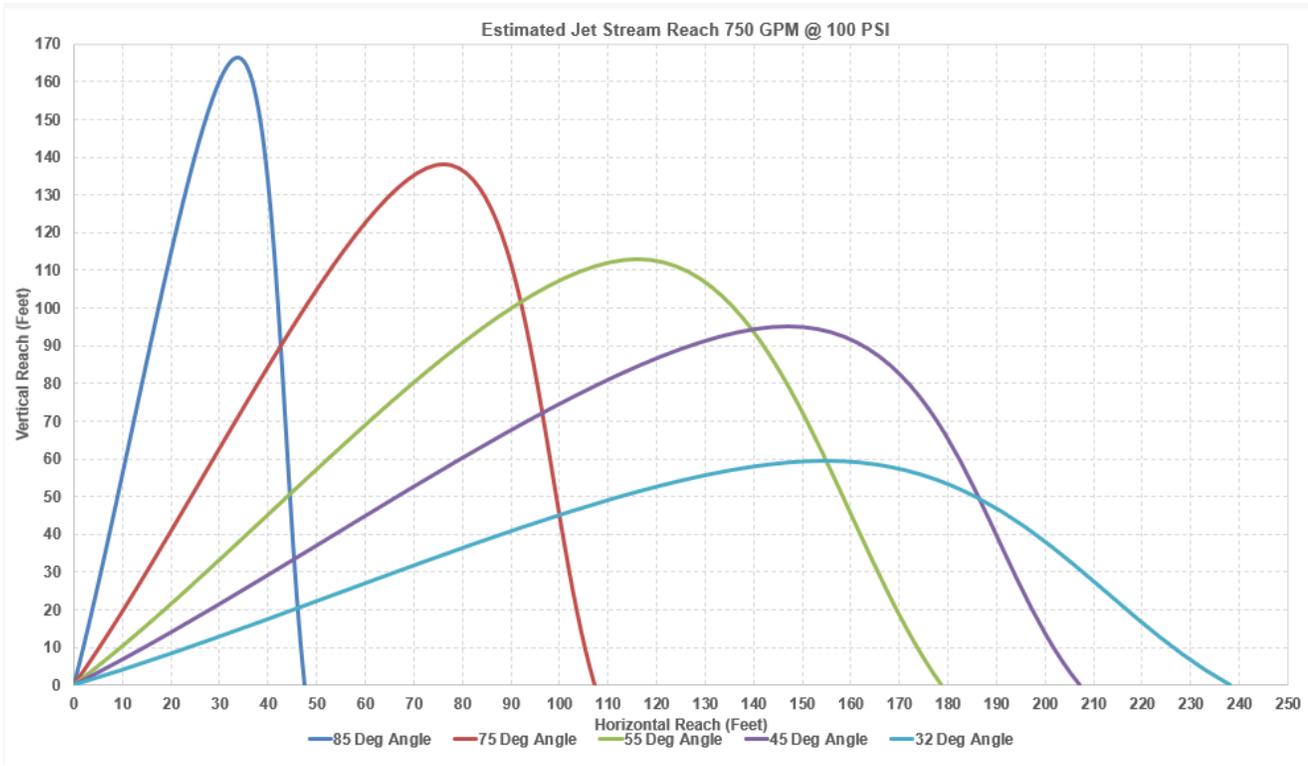
### Features

- Rated for Flow Rate: 750 gpm @ 100 psi (2900 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 zerker fitting for easy lubrication of tip threads
- Fully machined waterway for excellent stream quality
- **5 Year Warranty**

Nozzle	
	<b>IMS-750</b>
<b>Rated flow</b>	750 gpm @ 100 psi (2900 LPM @ 7 BAR)
<b>Rated pressure</b>	100 PSI (7bar)
<b>Inlet size</b>	2.5" NHT female swivel
<b>Type</b>	Constant flow (all stream patterns)
<b>Material</b>	Corrosion resistant brass
<b>Weight</b>	13.0 lbs. (5.9 kgs.)
<b>Ambient temperature</b>	-35°F - 232°F (-37°C - 111°C)
<b>Certification</b>	FM approved - 5511

# Stream Reach

Jet Stream Reach 750 GPM @ 100 PSI



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	750	SS									148	170	184	198	212	226	238	236
		Narrow Fog	496	550	596	640	680	716	750	840	80	89	98	107	117	126	135	159
		Wide Fog									58	65	71	77	83	89	95	105

**Dimensions (inches)**

