

Monitor Nozzles

Foam Lord 80mm Nozzle Series 2 (FLD2-80)



SAFETY INDUSTRIES
Pty Limited

Dual Purpose Fog Nozzles With Superior Performance



Description

The nozzles in our Foam Lord range have a built in foam inductor which can be used to directly induct foam from a drum or tank, or can be used with our transfer proportioners to induct foam remotely from the nozzle (up to 60M away).

The FLD2-50, FLD2-65 and FLD2-80 nozzles are able to induct foam at either 3% or 6% while the FLD2-100 and FLD2-150 can induct foam at rates up to 3%.

The Foam Lord nozzles are designed as dual purpose nozzles; they can be used as standard fog nozzle or as a foam nozzle. The superior performance of the Foam Lord nozzles makes them very performance competitive with standard fog nozzles due to our proprietary nozzle design.

Specifications

Flow Range:	1,900 - 4,000 lpm
Operating Pressure Range:	600 - 1500 kPa
Inlet Connection	65mm BSP Female (std)
Proportioning Rates	1%, 3% or 6% (up to 3030 lpm)

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Materials of Construction

Nozzle components: Bronze (std) or Alloy
Grease Nipple: 316 Stainless Steel

Performance Data

2800 lpm Stem Flow Chart

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
600 kPa	2,590	53	36	19
700 kPa	2,800	60	42	21
800 kPa	2,995	62	45	24
900 kPa	3,175	66	47	26
1000 kPa	3,345	70	50	28

3,785 lpm (1,000 gpm) Stem Flow Chart

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
700 kPa	4000	63	34	16
800 kPa	4045	68	37	18
900 kPa	4290	73	40	20
1000 kPa	4520	75	43	21

Options

Inlet Connection: 65mm BSP Male as Standard, 2.5" NHT optional.
Flows: The Foam Lord Nozzle can be made to suit the customers' flow and pressure specification.
Materials: Gunmetal (LG2) is standard, hard anodised aluminium is optional. Nickel plated LG2 is recommended for severe environments.
Metering Valve: A metering valve with Off-3%-6% positions is available
Foam Shut-Off Valve: A ball valve can be fitted to the foam concentrate connection to allow the operator to isolate the foam concentrate supply.

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