

Monitor Nozzles

Foam Lord 65mm Series 3 Nozzle

Dual Purpose Fog Nozzles



Description

The Series 3 nozzles in our Foam Lord range have a built in foam inductor that 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 FLD3-65 and FLD3-80 nozzles are able to induct foam at 1%, 3% or 6% while the FLD3-100 and FLD3-150 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.

Specifications

Flow Range:	1,000 – 1,900 lpm
Operating Pressure Range:	600 - 1600 kPa
Inlet Connection	65mm BSP Female Swivel
Foam Proportioning Rates	1%, 3% & 6%

ORION FIRE ENGINEERING PTY LIMITED

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Materials of Construction

Nozzle components: Bronze (C83600)

Performance Data

1900 lpm Stem Flow Chart

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
600 kPa	1760	40	22	14
700 kPa	1900	44	25	18
800 kPa	2030	46	26	20
900 kPa	2150	50	27	21
1000 kPa	2270	51	28	21

1600 lpm Stem Flow Chart

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
600 kPa	1480	40	22	14
700 kPa	1600	43	25	18
800 kPa	1710	45	26	20
900 kPa	1815	47	27	21
1000 kPa	1910	49	28	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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