

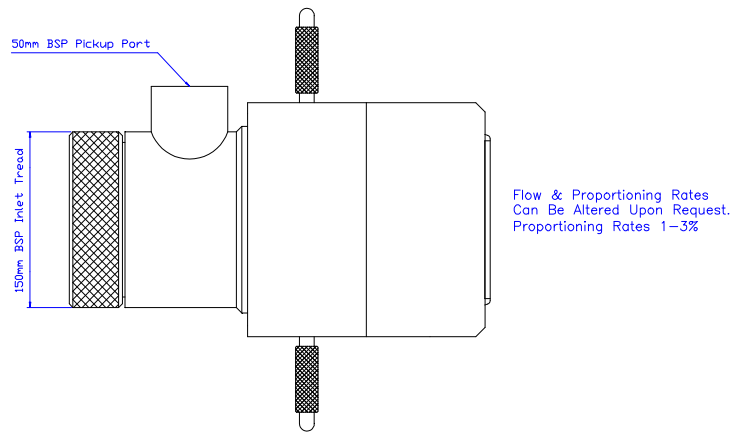
Monitor Nozzles

Foam Lord 150mm Nozzle Series 2 (FLD2-150)



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: Operating Pressure Range: Inlet Connection Proportioning Rates	Up to 20,000 lpm 600 - 1500 kPa 150mm BSP Female (std) or NHT 1% or 3%
---	---

Materials of Construction

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

ORION SAFETY INDUSTRIES PTY LIMITED

A.C.N. 002 538 696

Tel (61) 2 9821 2244 29 SHEPHERD STREET LIVERPOOL NSW 2170 FAX (61) 2 9821 2906
AUSTRALIA

Performance Data

11,355 lpm (3,000 US gpm) Stem Flow Chart

		STRAIGHT STREAM	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)
600 kPa	10,500	89	31
700 kPa	11,355	92	34
800 kPa	12,140	98	37
900 kPa	12,875	101	40
1000 kPa	13,570	104	43

20,000 lpm Stem Flow Chart

		STRAIGHT STREAM	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)
600 kPa	18,500	98	33
700 kPa	20,000	103	36
800 kPa	21,400	110	41
900 kPa	22,680	118	44
1000 kPa	23,900	125	47

Options

Inlet Connection:	150mm BSP Male as Standard, 4" 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-1%-3% 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.
Transfer Proportioners:	For remote foam concentrate supply management.

ORION SAFETY INDUSTRIES PTY LIMITED

A.C.N. 002 538 696

Tel (61) 2 9821 2244 29 SHEPHERD STREET LIVERPOOL NSW 2170 FAX (61) 2 9821 2906
AUSTRALIA