

Monitor Nozzles

Fog Nozzle Model 8005RWS



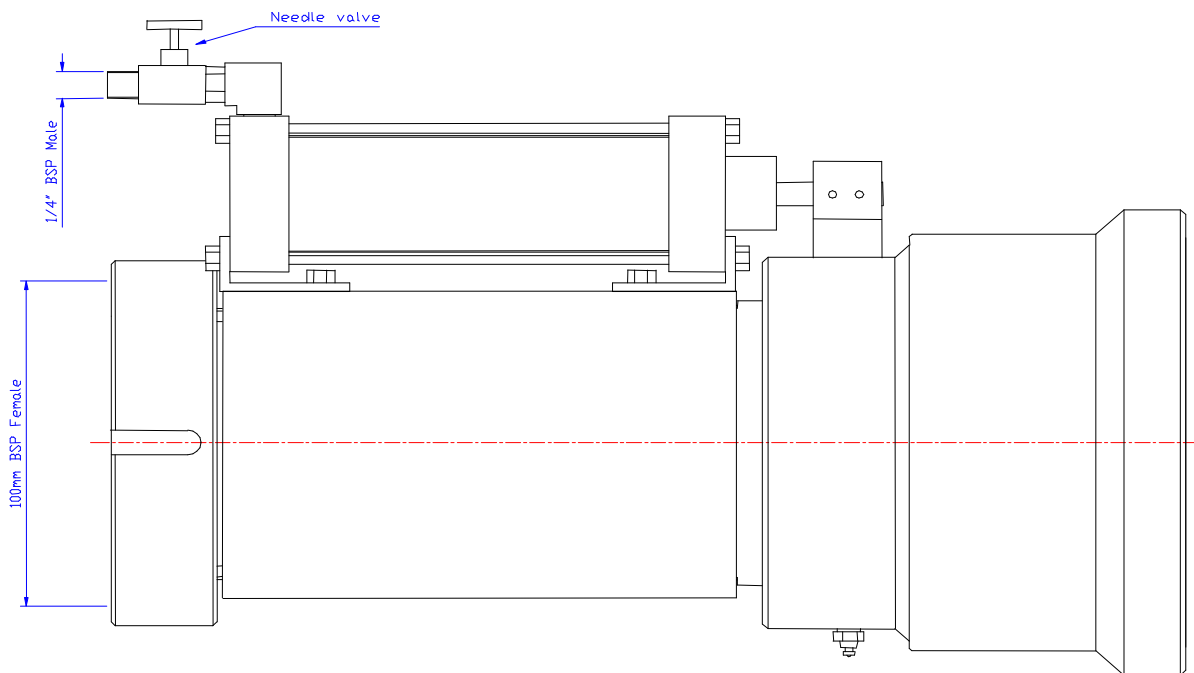
SAFETY INDUSTRIES
Pty Limited

Description

Orion manufactures a range of constant flow master stream fog nozzles. The Model 8005 series are capable of ranging in flow from 2,500 litres per minute to over 4,000 litres per minute. The Model 8005RWS fog nozzle is a water actuated remote control nozzle for use with electric remote controlled monitors in hazardous areas where the nozzle is controlled by one or two solenoid valves.

The Model 8005RWS fog nozzle actuator defaults to the fog position. When water pressure is removed from the actuator the nozzle moves to the wide fog position by a spring. Depending on the control system used the actuator may be infinitely adjustable (2 solenoids) or only be positioned only in the jet or full fog positions (one solenoid). When used with our Ranger monitors the nozzle will be infinitely adjustable. This actuator type is safer to operate with large capacity nozzles due to the more gentle nature of the full fog pattern. Injury to personnel or damage to equipment can be minimised in the event of an accidental operation.

The Model 8005RWS fog nozzles are manufactured in Gunmetal (LG2) with optional electroless nickel plating. It is possible to also manufacture the Model 8005RWS in aluminium alloy (hard anodised) and other materials to customer order.



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Performance Data

Throw Performance 3,785 lpm Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
450 kPa	3033	49	34	15
600 kPa	3500	58	43	16
700 kPa	3785	64	46	18
800 kPa	4044	68	51	20
900 kPa	4290	72	53	21
1000 kPa	4522	77	58	22

Throw Performance 4,000 lpm Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
500 kPa	3,381	49	34	15
600 kPa	3,703	58	43	16
700 kPa	4,000	64	46	18
800 kPa	4,276	68	51	20
900 kPa	4,536	72	53	21
1000 kPa	4,781	77	58	22

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