

Fog Nozzle Model 9105

Description

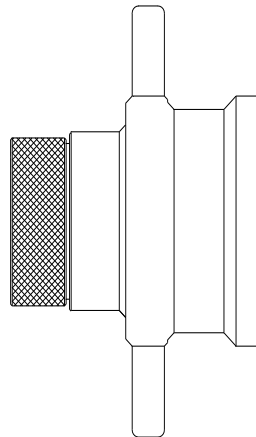
The Model 9105 fog nozzle is a single flow fog nozzle that maintains essentially the same flow rate when adjusted from straight stream to wide fog.

Nozzles can be supplied with customised flow rates. The data below is for two of many flow options.

The 9105 is a constant flow nozzle with a 100mm BSP fixed base. Flows in the range 4,500 lpm to 8,000 lpm at 700 kPa are possible with this nozzle.

Length: 210mm

Diameter: 190mm



Materials of Construction

LG2 Gunmetal (Bronze)

Seawater applications we recommend using nickel plated gunmetal construction for the longest trouble free service life.

Performance Data

This data is for the furthest water drop in approximately still air conditions and with the nozzle mounted on a monitor aimed 25° above horizontal. This is the standard method of rating fog nozzles, however, even a slight cross or head wind will reduce the throw by about 5 meters and an allowance for this should be made when designing systems.

ORION FIRE ENGINEERING PTY LIMITED

ABN 80 002 538 696

26A LYN PARADE PRESTONS NSW 2170 AUSTRALIA

Tel (61) 2 9426 7900 FAX (61) 2 8783 5400

Visit our Website www.orion-fire.com.au Email: sales@orion-fire.com.au

5,680 lpm (1,500 US gpm) Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
600 kPa	5,260	85	40	28
700 kPa	5,580	90	42	30
800 kPa	6,070	92	45	33
900 kPa	6,440	94	48	36
1000 kPa	6,790	96	50	39

7,570 lpm (2,000 US gpm) Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
600 kPa	7,005	85	41	28
700 kPa	7,570	90	44	30
800 kPa	8,090	92	48	33
900 kPa	8,580	94	51	36
1000 kPa	9,040	96	53	39

Alternative Construction

Hard anodised aluminium
Electroless nickel plating

ORION FIRE ENGINEERING PTY LIMITED

ABN 80 002 538 696

26A LYN PARADE PRESTONS NSW 2170 AUSTRALIA

Tel (61) 2 9426 7900 FAX (61) 2 8783 5400

Visit our Website www.orion-fire.com.au Email: sales@orion-fire.com.au