

# Monitor Nozzles



Fire Engineering  
Pty Limited

## Fog Nozzle Model 3000



### Description

The Model 3000 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 some of many flow options.

The standard inlet connection is 50mm BSP. This nozzle was specifically designed for use with our 60mm Warden range of monitors.

Remote controlled versions are also available.

### Materials of Construction

LG2 Gunmetal (Bronze)

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

### Alternative Construction

Hard anodised aluminium

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## 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.

### 600 lpm Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
600 kPa	555	36	20	12
700 kPa	600	38	28	14
800 kPa	640	40	29	16
900 kPa	680	42	30	18
1000 kPa	720	45	31	19

### 1,350 lpm Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
600 kPa	1250	47	28	14
700 kPa	1350	52	29	16
800 kPa	1440	55	30	18
900 kPa	1530	58	31	19

### 1,900 lpm Stem

		STRAIGHT STREAM	NARROW FOG	WIDE FOG
PRESSURE	FLOW (lpm)	THROW (M)	THROW (M)	THROW (M)
450 kPa	1520	445	20	12
600 kPa	1760	49	28	14
700 kPa	1900	55	31	18
800 kPa	2030	57	32	20
900 kPa	2150	60	33	21

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