

## Electrical Fire All-Fog Nozzles



**Features:**

- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- delivers 30° - 60° - 90° fog pattern - shutoff to 30° fog, adjustable to 90° fog
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- UL listed and Factory Mutual approved for class C fires
- supplied with bumper
- Use of this nozzle is not likely to prove hazardous when nozzle is held in excess of 10 feet from electrical apparatus and circuits not involving more than 250,000 volts.



Size	Thread	Wide Open GPM @ 100 PSI	Brass Part #
1½"	NST (NH)	96	<b>BFNE150NST</b>
	NPSH	96	<b>BFNE150</b>

- for fog nozzle flow rates please see next page
- replacement washers can be found on page 741

## Fog Nozzles

**Features:**

- shutoff - straight stream - fog
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- brass stem

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate <sup>1</sup> Part #	Polycarbonate <sup>2</sup> Part #
¾"	GHT	<b>8.0</b>	<b>FNB75GHT</b> <sup>3,4</sup>	---
¾"	NPS	<b>30.9</b>	<b>FNB75S</b> <sup>4</sup>	---
1"	NPS	<b>11.4</b>	<b>FNB100S</b> <sup>4</sup>	<b>FN100S</b>
1"	NPS	<b>30.9</b>	<b>HGB100S</b>	---
1½"	NPS	<b>83.6</b>	<b>FNB150S</b>	<b>FN150S</b>
1"	NST (NH)	<b>11.4</b>	<b>FNB100NST</b>	<b>FN100NST</b>
1"	NST (NH)	<b>30.9</b>	<b>HGB100NST</b>	---
1½"	NST (NH)	<b>83.6</b>	<b>FNB150NST</b>	<b>FN150NST</b>



with bumper



without bumper

- <sup>1</sup> with bumper
- <sup>2</sup> without bumper
- <sup>3</sup> standard flow
- <sup>4</sup> 120° spray GPM @100 PSI
- replacement washers can be found on page 856

## Fog Nozzle Flow Rate Chart

Part Number	Inlet Pressure		Straight Stream		30°		60°		90°	
	PSI	kPa	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM
<b>BFN100</b>	<b>50</b>	(345)	18	(68)	21	(79)	24	(91)	27	(102)
	<b>75</b>	(517)	22	(83)	25	(95)	28	(106)	32	(121)
	<b>100</b>	(690)	24	(91)	28	(106)	32	(121)	36	(136)
<b>BFN250</b>	<b>50</b>	(345)	90	(341)	120	(454)	130	(492)	145	(549)
	<b>75</b>	(517)	100	(379)	140	(530)	150	(568)	180	(681)
	<b>100</b>	(690)	110	(416)	165	(625)	180	(681)	205	(776)
<b>HFN100</b>	<b>100</b>	(690)	25	(95)	---	---	---	---	---	---
<b>HFN150</b>	<b>100</b>	(690)	---	---	---	---	---	---	86	(326)
<b>HPFN150</b>	<b>275</b>	(1040)	---	---	---	---	---	---	130	(492)

- fire fog nozzles are listed above and on previous pages

