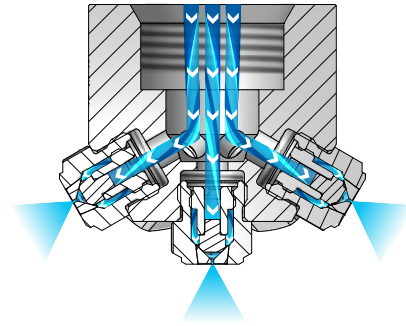


**OVERVIEW: FOGJET**

- Finely atomized sprays without use of compressed air; ideal for fogging a larger area with a single nozzle
  - 7N and 7G nozzles produce a shower-like full cone wide angle spray pattern
  - FF nozzles produce a dense, narrow, hollow cone spray pattern
- 7N and 7G assemblies include a nozzle body and seven removable caps. Each cap has an internal core or vane which is easily removed for cleaning
- Widely used in fire protection, dust control and rain simulation applications
- Uniform spray distribution from .11 to 136 gpm (.42 to 505 lpm)
- Operating pressures from 20 to 150 psi (1.5 to 10 bar)

**FogJet Nozzles**

The liquid passes through slots in the core component in each individual nozzle cap. The slots make the liquid spin in a circle at a very high speed. The energy from the spinning action causes the liquid to break up into very small droplets and form a hollow cone pattern as it exits the orifice.



**FOGJET OPTIONS**



**7G**  
 3/4" to 1-1/2" female conn.  
 Optional TWD strainer



**7N**  
 1" female conn.  
 Optional TWD strainer



**FF**  
 3/4" to 1-1/4" female conn.  
 One-piece

**ORDERING INFORMATION**

**FOGJET 7G AND 7N**

Inlet Conn.	–	Nozzle Type	–	Material Code		Capacity Size
<p><b>Example</b>                  1-1/2 – 7G – SS 30</p>						

BSPT connections require the addition of a "B" prior to the inlet connection.

**FOGJET FF**

Inlet Conn.	Nozzle Type	–	Material Code		Capacity Size
<p><b>Example</b>                  3/4 FF – SS 4.8</p>					

BSPT connections require the addition of a "B" prior to the inlet connection.

**RELATIVE DROP SIZE  
IN MICRONS**

10 to 100	100 to 500	500 to 1000	1000 to 5000
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Drop size will vary based on flow rate and pressure.



PERFORMANCE DATA:  
NARROW ANGLE SPRAY

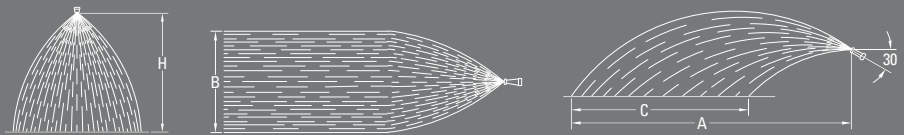


Inlet Conn. (in.)	Nozzle Type	Capacity Size	Flow Rate Capacity (liters per minute)					
	FF		1.5 bar	3 bar	4 bar	6 bar	7 bar	10 bar
3/4	●	4.8	13.4	19.0	22	27	29	35
	●	9	25	36	41	50	54	65
	●	12	34	47	55	67	72	86
	●	18	50	71	82	101	109	130
1	●	25	70	99	114	140	151	180
	●	35	98	138	160	195	211	252
1-1/4	●	50	140	197	228	279	302	360
	●	70	195	276	319	391	422	505

Highlighted column shows the rated pressure.



PERFORMANCE DATA:  
NARROW ANGLE SPRAY

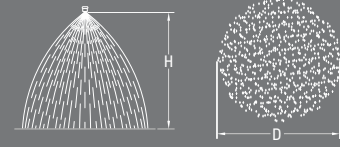


Nozzle Type	Capacity Size	"H" Height Above Floor (m)	Spray Dimensions and Coverage (m)					
			3 bar			7 bar		
			A	B*	C	A	B*	C
●	4.8	1	5.2	2.1	4	7.6	1.5	6.1
●	9	1	7	2.4	5.2	9.4	1.7	7.3
●	12	1	7.6	2.4	5.5	10.1	1.7	7.6
●	18	1	8.8	2.4	5.8	11	1.7	7.9
●	25	1	9.8	2.4	7.3	12.8	1.7	9.8
●	35	1	11	2.4	8.5	16.8	1.8	13.7
●	50	1	11.3	2.4	8.5	18.3	1.8	15.2
●	70	1	14	2.4	11	22	1.8	18.3

\*B dimension is taken at widest portion of A.

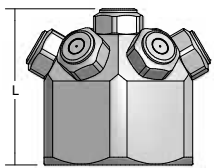
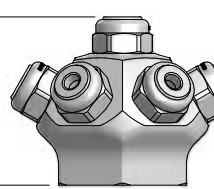


**N** PERFORMANCE DATA:  
NARROW ANGLE SPRAY

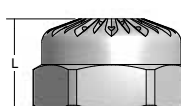


Nozzle Type	Capacity Size	"H" Height Above Floor (m)	Spray Coverage "D" at Various Pressures (m)			
			3 bar	4 bar	7 bar	10 bar
<b>FF</b>						
•	4.8, 9, 12	1	.60	.60	.60	.60
•		1.5	.90	.90	.90	.90
•		2.1	1.2	1.2	1.1	.90
•		3	1.5	1.4	1.2	1.1
•	18, 25	1	.60	.60	.60	.60
•		1.5	.90	.90	.90	.80
•		2.1	1.2	1.2	1.1	.90
•		3	1.7	1.5	1.3	1.2
•	35, 50, 70	1	.80	.80	.80	.60
•		1.5	1.2	1.2	1.1	.90
•		2.1	1.5	1.5	1.4	1.2
•		3	2	1.8	1.7	1.5

**DIMENSIONS AND WEIGHTS**

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (mm)	D (Dia.) (mm)	Net Weight (kg)
	<b>7N (F)</b>	1	53.2	63.5	0.52
		3/4	46.2	54.0	0.28
		1	84.1	103.2	1.23
		1-1/2	81.0	108.0	0.97

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (mm)	D (Dia.) (mm)	Net Weight (kg)
	<b>FF (F)</b>	3/4	25.4	34.9	0.09
		1	29.4	42.1	0.14
		1-1/4	30.9	53.2	0.20

Based on the largest/heaviest version of each type.