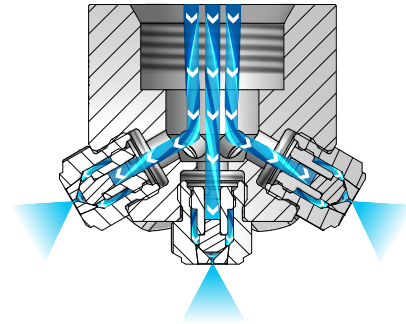


OVERVIEW: FOGJET

- 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>Example 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>Example 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**



Drop size will vary based on flow rate and pressure.

N

**PERFORMANCE DATA:
 NARROW ANGLE SPRAY**

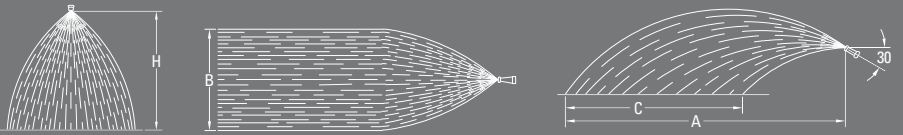


Inlet Conn. (in.)	Nozzle Type	Capacity Size	Flow Rate Capacity (gallons per minute)					
			20 psi	40 psi	60 psi	80 psi	100 psi	150 psi
3/4	●	4.8	3.4	4.8	5.9	6.8	7.6	9.3
	●	9	6.4	9.0	11.0	12.7	14.2	17.4
	●	12	8.5	12.0	14.7	17.0	19.0	23
	●	18	12.7	18.0	22	25	28	35
1	●	25	17.7	25	31	35	40	48
	●	35	25	35	43	49	55	68
1-1/4	●	50	35	50	61	71	79	97
	●	70	49	70	86	99	111	136

Highlighted column shows the rated pressure.

N

**PERFORMANCE DATA:
 NARROW ANGLE SPRAY**

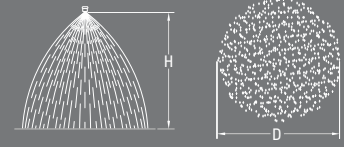


Nozzle Type	Capacity Size	"H" Height Above Floor (ft.)	Spray Dimensions and Coverage (ft.)					
			40 psi			100 psi		
			A	B*	C	A	B*	C
●	4.8	3	17	7	13	25	5	20
●	9	3	23	8	17	31	5.5	24
●	12	3	25	8	18	33	5.5	25
●	18	3	29	8	19	36	5.5	26
●	25	3	32	8	24	42	5.5	32
●	35	3	36	8	28	55	6	45
●	50	3	37	8	28	60	6	50
●	70	3	46	8	36	72	6	60

*B dimension is taken at widest portion of A.

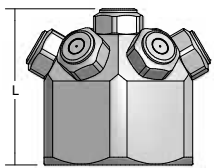
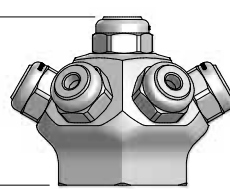


N PERFORMANCE DATA:
NARROW ANGLE SPRAY

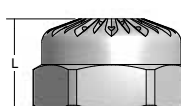


Nozzle Type	Capacity Size	"H" Height Above Floor (ft.)	Spray Coverage "D" at Various Pressures (ft.)			
			40 psi	60 psi	100 psi	150 psi
FF						
•	4.8, 9, 12	3	2	2	2	2
•		5	3	3	3	2-1/2
•		7	4	4	3-1/2	3
•		10	5	4-1/2	4	3-1/2
•	18, 25	3	2	2	2	2
•		5	3	3	3	2-1/2
•		7	4	4	3-1/2	3
•		10	5-1/2	5	4-1/4	4
•	35, 50, 70	3	2-1/2	2-1/2	2-1/2	2
•		5	4	4	3-1/2	3
•		7	5	5	4-1/2	4
•		10	6-1/2	6	5-1/2	5

DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	D (Dia.) (in.)	Net Weight (oz.)
	7N (F)	1	2.094	2.500	18.3
	7G (F)	3/4	1.820	2.125	10.0
		1	3.313	4.063	43.3
		1-1/2	3.188	4.250	34.4

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	D (Dia.) (in.)	Net Weight (oz.)
	FF (F)	3/4	1.000	1.375	3.0
		1	1.156	1.656	5.0
		1-1/4	1.218	2.094	7.0

Based on the largest/heaviest version of each type.