



Mist-Jet® Misting / Fogging Nozzle

Type **A**
Type **AF**
Type **AM**

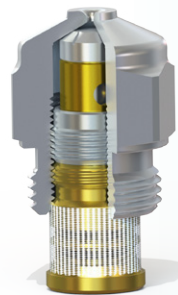
Steinen Mfg. Co. 29 East Halsey Road, Parsippany, NJ 07054 973.887.6400 F: 973.887.4632 info@steinen.com www.steinen.com

Steinen offers a wide variety of misting nozzles to satisfy almost any requirement. Nozzles are offered in five different configurations, three different spray angles, numerous flow rates from 0.37 gallons per hour (GPH) up to 124 GPH, at pressures from 40 PSI to 500 PSI, in various types of stainless steel.

- **Type A** - single nozzle tip
- **Type AF** - single nozzle tip/female adaptor
- **Type AM** - single nozzle tip/male adaptor

Also available

- **Type P** - compact sized nozzle tip with 1/4 NPT thread
- **Type MN** - miniature sized nozzle tip with removable internal components and 1/8 NPT thread



**Type
A**

Spray Characteristics

Uniform hollow cone spray pattern with a fine micro-at-omized mist spray. Fog-like spray results with pressures over 150 P.S.I. Spray angles of 70, 80, and 90 degrees are available, with 70 degrees being standard, measured @ 150 P.S.I.

Construction

Consists of basic nozzle tip with 9/16"-24 UNF connection and 100 mesh strainer (for capacities of 0.37, 0.50 and 0.75 GPH, a 200 mesh strainer is furnished).

Materials

Nozzle tip (all types) are furnished in 416 or 303 stainless steel.



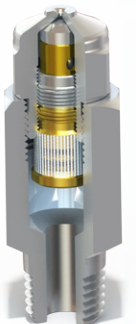
**Type
AF**

Uniform hollow cone spray pattern with a fine micro-at-omized mist spray. Fog-like spray results with pressures over 150 P.S.I. Spray angles of 70, 80, and 90 degrees are available, with 70 degrees being standard, measured @ 150 P.S.I.

Consists of Type A nozzle tip/strainer and 1/8" or 1/4" female adapter.

Nozzle tip (all types) are furnished in 303 stainless steel.

Type AF (Female) adapt-ers are furnished in 303 stainless steel, brass or nickel plated brass.



**Type
AM**

Uniform hollow cone spray pattern with a fine micro-at-omized mist spray. Fog-like spray results with pressures over 150 P.S.I. Spray angles of 70, 80, and 90 degrees are available, with 70 degrees being standard, measured @ 150 P.S.I.

Consists of Type A nozzle tip/strainer and 1/8", 1/4" or 3/8" NPT male adapter.

Nozzle tip (all types) are furnished in 303 stainless steel.

Type AM (Male) adapt-ers are furnished in 303 stainless steel, brass or nickel plated brass.



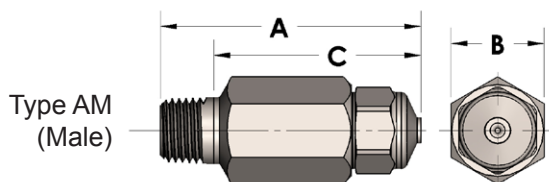
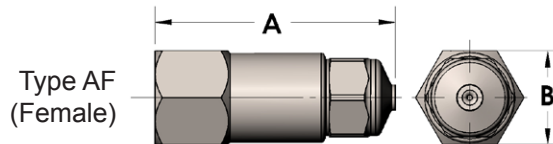
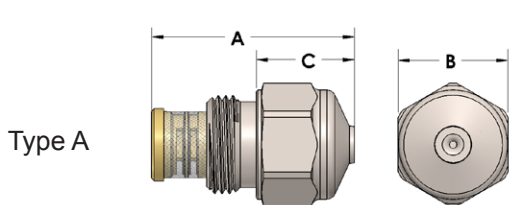
Mist-Jet® Misting / Fogging Nozzle

Type A



Steinen Mfg. Co. 29 East Halsey Road, Parsippany, NJ 07054 973.887.6400 F: 973.887.4632 info@steinen.com www.steinen.com

Nozzle Identifier	Approx. Orifice Diameter	Capacity in Gallons per Minute (at various pressures in pounds per square inch)								Spray Angles
		40 psi	60 psi	80 psi	100 psi	125 psi	150 psi	250 psi	500 psi	
0.37	0.009	0.37	0.45	0.52	0.59	0.65	0.72	0.93	1.3	Available in Spray Angles of 70, 80 and 90 degrees.
0.50	0.010	0.50	0.61	0.71	0.79	0.88	0.97	1.3	1.8	
0.75	0.012	0.75	0.92	1.1	1.2	1.3	1.5	1.9	2.7	
1.00	0.014	1.0	1.2	1.4	1.6	1.8	1.9	2.5	3.5	
1.50	0.020	1.5	1.8	2.1	2.4	2.7	2.9	3.8	5.3	
2.00	0.024	2.0	2.4	2.8	3.2	3.5	3.9	5.0	7.1	
2.50	0.028	2.5	3.1	3.5	4.0	4.4	4.8	6.3	8.8	
3.00	0.028	3.0	3.7	4.2	4.7	5.3	5.8	7.5	10.6	
3.50	0.031	3.5	4.3	4.9	5.5	6.2	6.8	8.8	12.4	
4.00	0.036	4.0	4.9	5.7	6.3	7.1	7.7	10.0	14.1	
4.50	0.040	4.5	5.5	6.4	7.1	8.0	8.7	11.3	15.9	
5.00	0.040	5.0	6.1	7.1	7.9	8.8	9.7	12.5	17.7	
5.50	0.040	5.5	6.7	7.8	8.7	9.7	10.7	13.8	19.4	
6.00	0.043	6.0	7.3	8.5	9.5	10.6	11.6	15.0	21.2	
6.50	0.046	6.5	8.0	9.2	10.3	11.5	12.6	16.3	23.0	
7.00	0.046	7.0	8.6	9.9	11.1	12.4	13.6	17.5	24.7	
7.50	0.046	7.5	9.2	10.6	11.9	13.3	14.5	18.8	26.5	
8.00	0.052	8.0	9.8	11.3	12.6	14.1	15.5	20.0	28.3	
8.50	0.052	8.5	10.4	12.0	13.4	15.0	16.5	21.3	30.1	
9.00	0.052	9.0	11.0	12.7	14.2	15.9	17.4	22.5	31.8	
10.0	0.059	10.0	12.2	14.1	15.8	17.7	19.4	25.0	35.4	
12.0	0.063	12.0	14.7	17.0	19.0	21.2	23.2	30.0	42.4	
13.0	0.067	13.0	15.9	18.4	20.6	23.0	25.2	32.5	46.0	
14.0	0.067	14.0	17.1	19.8	22.1	24.7	27.1	35.0	49.5	
15.0	0.070	15.0	18.4	21.2	23.7	26.5	29.0	37.5	53.0	
16.0	0.073	16.0	19.6	22.6	25.3	28.3	31.0	40.0	56.6	
18.0	0.076	18.0	22.0	25.5	28.5	31.8	34.9	45.0	63.6	
20.0	0.076	20.0	24.5	28.3	31.6	35.4	38.7	50.0	70.7	
22.0	0.078	22.0	26.9	31.1	34.8	38.9	42.6	55.0	77.8	
24.0	0.082	24.0	29.4	33.9	37.9	42.4	46.5	60.0	84.9	
26.0	0.082	26.0	31.8	36.8	41.1	46.0	50.3	65.0	91.9	
28.0	0.086	28.0	34.3	39.6	44.3	49.5	54.2	70.0	99.0	
30.0	0.089	30.0	36.7	42.4	47.4	53.0	58.1	75.0	106.1	
35.0	0.096	35.0	42.9	49.5	55.3	61.9	67.8	87.5	123.7	



Type	Pipe Size	Net Weight Oz.	A	B	C
A	⁹ / ₁₆ - 24NEF-2	0.75	1.141	0.625	0.500
AM	¹ / ₈ NPT	2.50	1.938	0.750	1.600
	¹ / ₄ NPT	2.50	2.125	0.750	1.600
	³ / ₈ NPT	2.50	1.891	0.750	1.600
AF	¹ / ₈ NPT	2.50	1.844	0.750	---
	¹ / ₄ NPT	2.50	1.844	0.750	---