

MistJet® Hollow Cone Misting / Fogging Nozzles

Capacities: .37 to 35 gallons/hour (GPH)
Spray Angles: 70°, 80° & 90°

- Type A:** Nozzle Tip Only
- Type AM:** Nozzle in adapter with male thread
- Type AF:** Nozzle in adapter with female thread

Type AM



1/8", 1/4", 3/8"
Male

Type AF



1/8", 1/4"
Female

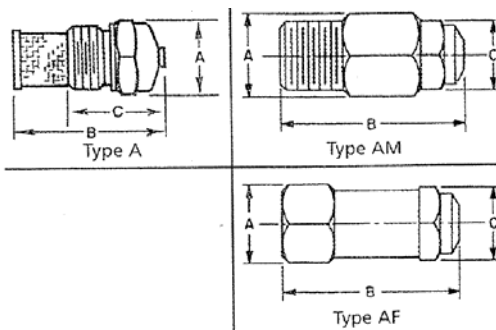
Spray Characteristics -- Uniform hollow cone spray pattern with a fine micro-atomized mist spray. Fog-like spray results with pressures over 150 P.S.I. Spray angles of 70, 80, and 90 degrees are standard, measured @ 150 P.S.I.

Nozzle Application -- Moistening, dust settling, humidifying, chemical processes, livestock humidification, scenting and flavoring, evaporative coolers and other industrial processes.



Construction -- Type A 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 monel strainer is furnished). Type AM consists of Type A nozzle tip/strainer and 1/8", 1/4" or 3/8" NPT male adapter. Type AF consists of Type A nozzle tip/strainer and 1/8" or 1/4" female adapter.

Materials -- Nozzle tip (all types) are furnished in 416 or 303 stainless steel. Type "AM" (Male) and Type "AF" (Female) adapters are furnished in 303 stainless steel or brass. A 100 mesh monel screen is supplied as standard on strainer body except for capacities of 0.37, 0.50 and 0.75 GPH.



TYPE	PIPE SIZE	NET WT. OZ.	A	B	C
A	9/16"-24 NEF-2	3/4"	5/8"	1 9/64"	13/16"
AM	1/8" NPT	2 1/2"	3/4"	1 15/16"	5/8"
	1/4" NPT	2 1/2"	3/4"	2 1/8"	5/8"
	3/8" NPT	2 1/2"	3/4"	1 57/64"	5/8"
AF	1/8" NPT	2 1/2"	3/4"	1 27/32"	5/8"
	1/4" NPT	2 1/2"	3/4"	1 27/32"	5/8"



Adapter
available in male
or female



Strainer



Nozzle Tip
(Type A)

MistJet® Hollow Cone Misting / Fogging Nozzles

Ordering Information: Specify

1 – Type A (tip & strainer only); Type AM (tip & strainer with a male adapter); or Type AF (tip & strainer with female adapter)

2 – Capacity in gallons/hour (GPH)

3 – Spray angle - 70°, 80° & 90° (Note: 70° spray angle will be furnished unless otherwise specified)

4 – Pipe size (eg. 1/8", 1/4" or 3/8")

5 – Material – Nozzle: 416 or 303 stainless steel Adapter: 303 stainless steel or brass

Capacity G.P.H. @ 40 P.S.I.	Approx. Orifice Diameter	CAPACITY IN GALLONS PER HOUR (At Various Pressures in Pounds Per Square Inch)									
		40	60	80	100	125	150	200	300	400	500
.37	.009	.37	.45	.55	.60	.70	.75	.85	1.05	1.2	1.35
.50	.010	.50	.60	.70	.80	.85	.95	1.1	1.4	1.6	1.8
.75	.012	.75	.89	1.1	1.2	1.4	1.5	1.7	2.1	2.4	2.7
1.00	.014	1.0	1.2	1.4	1.6	1.7	1.9	2.2	2.7	3.1	3.5
1.50	.020	1.5	1.8	2.1	2.4	2.7	2.9	3.4	4.1	4.8	5.3
2.00	.024	2.0	2.5	2.8	3.2	3.5	3.9	4.5	5.5	6.4	7.1
2.50	.028	2.5	3.1	3.5	3.9	4.4	4.8	5.5	6.8	7.8	8.8
3.00	.028	3.0	3.7	4.2	4.7	5.2	5.8	6.7	8.2	9.5	10.6
3.50	.031	3.5	4.3	4.9	5.6	6.2	6.8	7.9	9.6	11.1	12.4
4.00	.036	4.0	4.9	5.6	6.3	7.2	7.8	9.0	11.0	12.7	14.2
4.50	.040	4.5	5.4	6.3	7.1	7.9	8.7	10.1	12.4	14.3	16.0
5.00	.040	5.0	6.1	7.1	7.9	8.8	9.7	11.2	13.7	15.8	17.7
5.50	.040	5.5	6.7	7.7	8.6	9.6	10.6	12.2	14.9	17.3	19.3
6.00	.043	6.0	7.3	8.5	9.4	10.5	11.6	13.4	16.3	18.9	21.1
6.50	.046	6.5	8.0	9.3	10.3	11.3	12.6	14.6	17.8	20.6	23.0
7.00	.046	7.0	8.6	9.9	11.1	12.4	13.6	15.7	19.2	22.2	24.8
7.50	.046	7.5	9.3	10.5	11.9	13.2	14.6	16.9	20.6	23.8	26.6
8.00	.052	8.0	9.8	11.3	12.6	14.2	15.5	17.9	21.9	25.3	28.3
8.50	.052	8.5	10.3	12.0	13.4	15.0	16.5	19.1	23.3	26.9	30.1
9.00	.052	9.0	11.0	12.6	14.1	15.8	17.4	20.3	24.8	28.6	32.0
10.0	.059	10.0	12.2	14.1	15.8	17.6	19.4	22.4	27.4	31.7	35.5
12.0	.063	12.0	14.7	17.0	19.0	21.0	23.2	26.8	32.7	37.8	42.3
13.0	.067	13.0	16.2	18.4	20.6	23.0	25.3	29.2	35.7	41.2	46.1
14.0	.067	14.0	17.1	19.8	22.2	24.8	27.2	31.4	38.3	44.3	49.6
15.0	.070	15.0	18.4	21.2	23.7	26.3	29.0	33.8	41.2	47.7	53.3
16.0	.073	16.0	19.6	22.6	25.3	28.2	31.0	35.8	43.7	50.6	56.6
18.0	.076	18.0	22.0	25.5	28.5	31.8	34.8	40.3	49.4	57.0	63.6
20.0	.076	20.0	24.5	28.2	31.6	35.2	38.8	44.8	54.7	63.3	71.0
22.0	.078	22.0	27.0	31.2	34.8	38.6	42.7	49.2	60.2	69.5	77.8
24.0	.082	24.0	29.4	34.0	38.0	42.3	46.4	53.6	65.4	75.6	84.6
26.0	.082	26.0	32.0	36.7	41.1	45.8	50.5	58.4	71.2	82.4	92.2
28.0	.086	28.0	34.2	39.6	44.4	49.4	54.4	62.8	76.6	88.6	99.2
30.0	.089	30.0	36.8	42.4	47.4	52.6	58.0	67.2	82.2	95.2	106.6
35.0	.096	35.0	42.7	49.7	55.3	61.6	67.9	78.5	95.7	110.8	124.2