

METAL HOLLOW CONE NOZZLE

HOLLOW CONE SPRAY WITH FINE ATOMISATION



APPLICATION

Humidification
Evaporative Cooling
Chemical Processing
Disinfection applications

FEATURES

Precision engineered for quality control of flow and spray distribution
Uniform distribution of spray droplets
Low impact with fine droplets
One piece nozzle body with internal swirl vane
Hexagon body for quick and easy installation

DESCRIPTION

The metal hollow cone nozzle produces a hollow cone spray pattern with uniform distribution. A fixed internal swirl vane generates the uniform coverage. The nozzle has a hex body design for easy installation. Male and female threaded connections available.

MATERIALS AVAILABLE

Brass
Stainless Steel
Other materials available on request

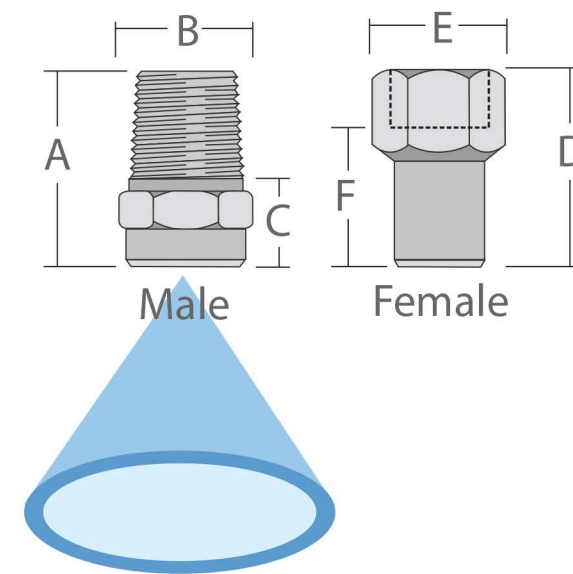
SPRAY ANGLES AVAILABLE

80°

ORDERING EXAMPLE

Metal Hollow Cone Nozzle Brass 1/8" 3-80°

Nozzle Ref	Thread Connection						Approx Orifice Dia (mm)	Flow (L/Min @ Bar)								3 Bar Angle
	1/8"	1/4"	3/8"	1/2"	3/4"	1"		0.5	1	2	3	4	5	7	10	
1	✓	✓					1.6	0.37	0.52	0.73	0.90	1.04	1.16	1.37	1.64	80
2	✓	✓					2.0	0.49	0.69	0.97	1.19	1.37	1.54	1.82	2.17	80
3	✓	✓					2.4	0.56	0.79	1.12	1.37	1.58	1.77	2.09	2.00	80
4			✓				2.4	0.73	1.04	1.47	1.80	2.08	2.32	2.75	3.29	80
5			✓				2.8	0.87	1.23	1.74	2.13	2.46	2.75	3.25	3.89	80
6			✓				3.2	1.05	1.48	2.09	2.56	2.96	3.30	3.91	4.67	80
7			✓				3.6	1.18	1.67	2.36	2.89	3.34	3.73	4.41	5.28	80
8				✓			3.6	1.49	2.11	2.89	3.65	4.21	4.71	5.58	6.66	80
9				✓			4.0	1.74	2.47	3.49	4.27	4.93	5.51	6.52	7.80	80
11				✓			4.8	2.13	3.01	4.26	5.22	6.03	6.74	7.97	9.53	80
13				✓			5.5	2.51	3.56	5.03	6.16	7.11	7.95	9.41	11.25	80
18					✓		4.8	3.29	4.65	6.58	8.06	9.31	10.41	12.31	14.72	80
20					✓		5.5	4.03	5.69	8.05	9.86	11.39	12.73	15.06	18.00	80
26					✓		6.4	4.78	6.75	9.55	11.70	13.51	15.10	17.87	21.36	80
33					✓		8.0	6.04	8.54	12.08	14.80	17.09	19.11	22.61	27.02	80
39						✓	6.0	7.76	10.97	15.51	19.00	21.94	24.53	29.02	34.69	80
53						✓	7.0	9.68	13.68	19.35	23.70	27.37	30.60	36.20	43.27	80
60						✓	8.0	11.43	16.17	22.86	28.00	32.33	36.15	42.77	51.12	80
75						✓	9.5	13.92	19.69	27.84	34.10	39.38	44.02	52.09	62.26	80
102						✓	12.0	19.15	27.08	38.29	46.90	54.16	60.55	71.64	85.63	80



DIMENSIONS

Pipe Size BSP	Male (mm)			Female (mm)		
	A	B	C	D	E	F
1/8"	19.5	11.0	10.0	28.0	16.0	12.0
1/4"	25.4	15.0	12.7	28.0	18.0	12.0
3/8"	28.5	18.0	14.3	39.0	21.0	19.0
1/2"	35.0	24.0	17.5	50.0	25.0	25.0
3/4"	38.0	27.0	19.0	63.0	30.0	35.0
1"	51.0	36.0	25.5	81.0	37.5	44.0