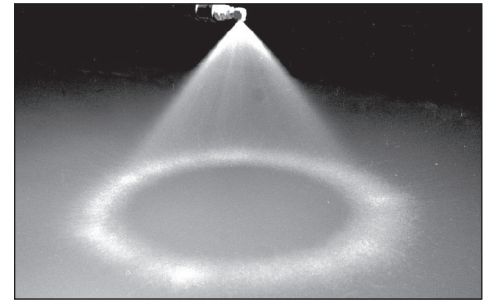
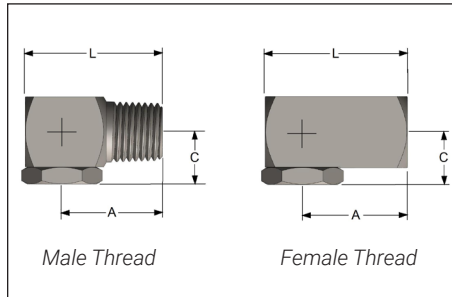
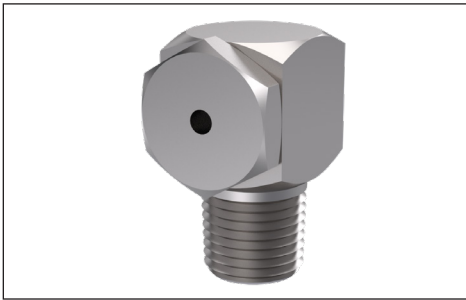




H SERIES SPRAY NOZZLES

HOLLOW CONE • THREADED CONNECTION

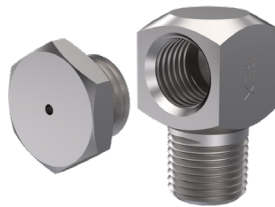


SPRAY CHARACTERISTICS:

A hollow cone spray pattern, emerging at right angles to the centerline of the pipe connection. The standard included angle of the spray cone is 70° at 10 p.s.i. At low pressures hollow cone nozzles produce medium size, uniform droplets. At higher pressures finer droplets are produced.

CONSTRUCTION:

The models listed are machined from bar stock, and are two piece construction.



TYPICAL APPLICATIONS:

- Air and Gas Washing
- Aerating
- Rinsing
- Humidifying
- Industrial Washers
- Spray Ponds
- Cooling Tunnels
- Roof Cooling
- Degreasing
- Dust Suppression
- Metal Treatment

Female Size	Dim 'A'	Dim 'C'	Dim 'L'	Male Size	Dim 'A'	Dim 'C'	Dim 'L'
1/8FH	11/16	3/8	1	1/8H	11/16	3/8	1
1/4FH	15/16	1/2	1 1/4	1/4H	15/16	1/2	1 1/4
3/8FH	1	9/16	1 3/8	3/8H	1	9/16	1 1/2
1/2FH	1 3/8	3/4	1 7/8	1/2H	1 3/8	3/4	1 7/8
3/4FH	1 9/16	7/8	2 1/4	3/4H	1 5/8	7/8	2 1/4

All dimensions are in inches

Model		Max. Free Passage	Capacities at Various Pressures												Spray Angle			
Female	Male		.3 bar	.5 bar	.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	8 bar	0.7 bar	1.5 bar	3 bar	6 bar	
1/8FH0.5	1/8H0.5	0.71	0.125	0.161	0.191	0.228	0.279	0.32	0.39	0.46	0.51	0.56	0.64	--	--	40	45	
1/8FH1	1/8H1	1.35	0.250	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.02	1.12	1.29	--	60	74	75	
1/8FH2	1/8H2	2.18	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.58	--	65	72	76	
1/8FH3	1/8H3	2.49	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.3	3.9	65	76	80	83	
1/8FH5	1/8H5	3.25	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.4	70	77	80	81	
1/8FH7.5	1/8H7.5	3.89	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	9.7	70	86	94	94	
1/8FH10	1/8H10	4.34	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	70	71	73	75	
1/4FH1	1/4H1	1.52	0.250	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.02	1.12	1.29	--	61	74	69	
1/4FH2	1/4H2	2.16	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.58	70	75	83	85	
1/4FH3	1/4H3	2.82	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.3	3.9	70	70	72	74	
1/4FH5	1/4H5	3.45	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.4	70	77	80	83	
1/4FH7.5	1/4H7.5	4.22	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	9.7	70	70	74	75	
1/4FH10	1/4H10	4.32	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	70	74	76	80	
1/4FH12.5	1/4H12.5	4.50	3.12	4.0	4.8	5.7	7.0	8.1	9.9	11.4	12.7	14.0	16.1	70	82	83	83	
1/4FH15	1/4H15	5.41	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	19.3	70	75	75	75	

* TABLE CONTINUES ON FOLLOWING PAGE



H SPRAY NOZZLE SPECIFICATIONS
HOLLOW CONE • THREADED CONNECTION

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Model		Max. Free Passage	Capacities at Various Pressures												Spray Angle			
Female	Male		.3 bar	.5 bar	.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	8 bar	0.7 bar	1.5 bar	3 bar	6 bar	
3/8FH5	3/8H5	3.45	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.4	70	74	76	76	
3/8FH7.5	3/8H7.5	4.17	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	9.7	70	74	78	82	
3/8FH10	3/8H10	4.93	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	70	78	80	81	
3/8FH12.5	3/8H12.5	5.21	3.12	4.0	4.8	5.7	7.0	8.1	9.9	11.4	12.7	14.0	16.1	70	80	82	84	
3/8FH15	3/8H15	5.89	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	19.3	70	73	75	75	
3/8FH20	3/8H20	6.35	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	22.3	25.8	70	73	75	75	
3/8FH25	3/8H25	7.09	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	27.9	32	70	72	73	73	
3/8FH30	3/8H30	7.42	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	33	39	70	70	73	72	
1/2FH25	1/2H25	7.49	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	27.9	32	70	75	76	76	
1/2FH30	1/2H30	8.36	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	33	39	70	78	80	81	
1/2FH40	1/2H40	9.37	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	45	52	70	75	75	75	
1/2FH50	1/2H50	9.98	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	64	70	70	71	73	
1/2FH60	1/2H60	10.69	15.0	19.3	22.9	27.3	33	39	47	55	61	67	77	70	70	71	71	
3/4FH40	3/4H40	9.35	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	45	52	70	71	76	79	
3/4FH50	3/4H50	10.69	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	64	70	73	74	74	
3/4FH60	3/4H60	11.13	15.0	19.3	22.9	27.3	33	39	47	55	61	67	77	70	75	78	80	
3/4FH70	3/4H70	11.91	17.5	22.6	26.7	32	39	45	55	64	71	78	90	70	74	76	76	
3/4FH80	3/4H80	12.29	20.0	25.8	30.5	36	45	52	63	73	82	89	103	70	73	75	76	
3/4FH90	3/4H90	12.70	22.5	29.0	34	41	50	58	71	82	92	100	116	70	70	71	73	
3/4FH100	3/4H100	12.88	25.0	32	38	46	56	64	79	91	102	112	129	70	73	76	78	
3/4FH110	3/4H110	14.61	27.5	35	42	50	61	71	87	100	112	123	142	70	72	75	72	
3/4FH120	3/4H120	14.43	30.0	39	46	55	67	77	95	109	122	134	155	70	70	71	71	