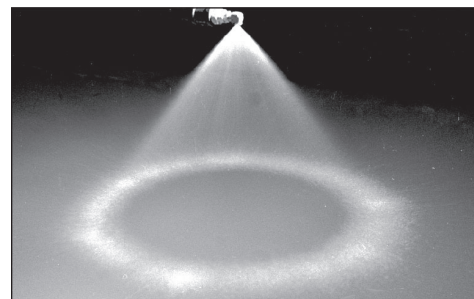
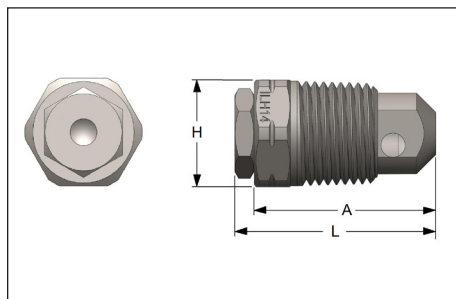
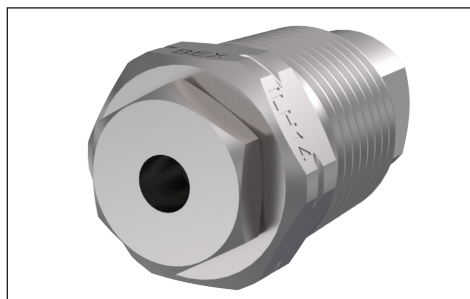




ILH SERIES SPRAY NOZZLES

HOLLOW CONE • THREADED CONNECTION



SPRAY CHARACTERISTICS:

ILH series in-line hollow-cone spray nozzles produce a very evenly distributed hollowcone spray which emerges through the center axis of the nozzle body. At lower pressures, they produce medium sized, uniform droplets. Finer droplets are produced at higher pressures. Standard spray angle is 75° at 40 PSI

CONSTRUCTION:

ILH series nozzles have large maximum free passage diameters to reduce clogging. Interchangeable nozzle caps are easily removed for cleaning or inspection.



TYPICAL APPLICATIONS:

- Dust Suppression
- Spray Ponds
- Metal Treatment
- Roof Cooling
- Brine Spraying
- Humidification
- Aerating

Nozzle Size	Dim 'A'	Dim 'L'	Dim 'H'
3/8ILH	1.2	1.3	0.75
1/2ILH	1.3	1.5	1
3/4ILH	1.5	1.8	1.2
1 1/2ILH	2.4	2.6	2

All dimensions are in inches

Model Number	Pipe Size	Maximum Free Passage	Capacities at Various Pressures									
			0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	6 bar	8 bar
3/8ILH2	3/8	1.98	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.23	2.58
3/8ILH3	3/8	2.39	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.3	3.9
3/8ILH5	3/8	2.77	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.6	6.4
3/8ILH8	3/8	3.96	2.00	2.58	3.05	3.6	4.5	5.2	6.3	7.3	8.9	10.3
3/8ILH10	3/8	2.95	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	11.2	12.9
3/8ILH14	3/8	3.96	3.5	4.5	5.3	6.4	7.8	9.0	11.1	12.8	15.6	18.0
1/2ILH5	1/2	3.18	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.6	6.4
1/2ILH8	1/2	3.96	2.00	2.58	3.05	3.6	4.5	5.2	6.3	7.3	8.9	10.3
1/2ILH10	1/2	4.37	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	11.2	12.9
1/2ILH15	1/2	4.37	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	16.7	19.3
1/2ILH20	1/2	4.78	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	22.3	25.8
1/2ILH25	1/2	5.16	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	27.9	32
3/4ILH5	3/4	3.18	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.6	6.4
3/4ILH8	3/4	3.96	2.00	2.58	3.05	3.6	4.5	5.2	6.3	7.3	8.9	10.3
3/4ILH10	3/4	4.37	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	11.2	12.9

* TABLE CONTINUES ON FOLLOWING PAGE



ILH SPRAY NOZZLE SPECIFICATIONS
HOLLOW CONE • THREADED CONNECTION

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* TABLE CONTINUED FROM PREVIOUS PAGE

Model Number	Pipe Size	Maximum Free Passage	Capacities at Various Pressures									
			0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	6 bar	8 bar
3/4ILH15	3/4	5.56	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	16.7	19.3
3/4ILH20	3/4	6.35	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	22.3	25.8
3/4ILH25	3/4	6.35	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	27.9	32
3/4ILH50	3/4	7.14	12.5	16.1	19.1	22.8	27.9	32	39	46	56	64
1-1/2ILH40	1-1/2	7.95	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	45	52
1-1/2ILH50	1-1/2	9.53	12.5	16.1	19.1	22.8	27.9	32	39	46	56	64
1-1/2ILH70	1-1/2	9.53	17.5	22.6	26.7	32	39	45	55	64	78	90
1-1/2ILH90	1-1/2	9.53	22.5	29.0	34	41	50	58	71	82	100	116
1-1/2ILH110	1-1/2	9.53	27.5	35	42	50	61	71	87	100	123	142

