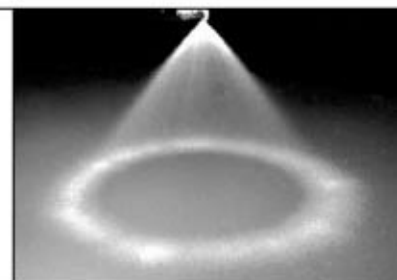
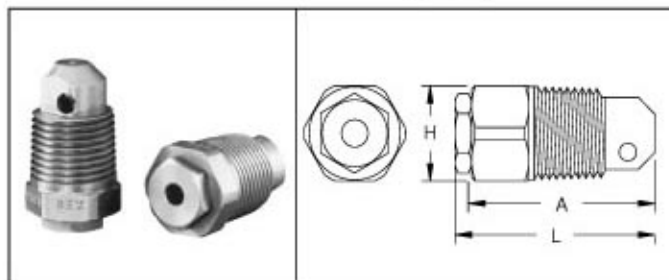


# In-line hollow cone spray nozzles

## ILH SERIES

### DIMENSIONS

MODEL NUMBER (BSPT)	Dim. A (mm)	Dim. L (mm)	Dim. H (mm)
3/8ILH	31	33	19
1/2ILH	33	38	25
3/4ILH	38	46	31
1 1/2ILH	61	66	51



### SPRAY CHARACTERISTICS:

ILH series in-line hollow-cone spray nozzles produce a very evenly distributed hollow-cone 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.

### CONSTRUCTION:

ILH series nozzles have large maximum free passage diameters to reduce clogging.

Interchangeable nozzle caps are easily removed for cleaning or inspection. Standard materials of construction for ILH series nozzles are brass, 303 and 316 stainless steel. Other body and cap materials are available upon request.

MODEL NUMBER	PIPE SIZE BSPT	MAXIMUM FREE PASSAGE (mm)	CAPACITY (L/min) AT VARIOUS PRESSURES (bar)									
			0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	6 bar	8 bar
3/8ILH2	3/8	1.98	--	--	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
12ILH10	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	18.29	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	11.2	12.9
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	7.14	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	32	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

"- -" means not recommended at this pressure.

### TYPICAL APPLICATIONS:

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

Spray Angle is standard 75 degrees at 0.7 bar.

Some Wide-Angle models also available. Contact BEX.