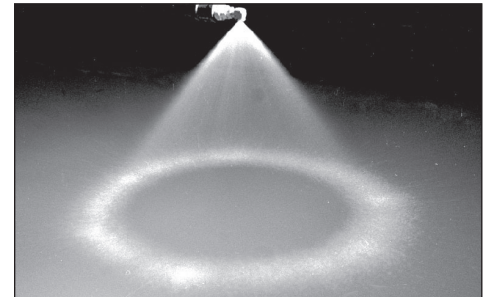
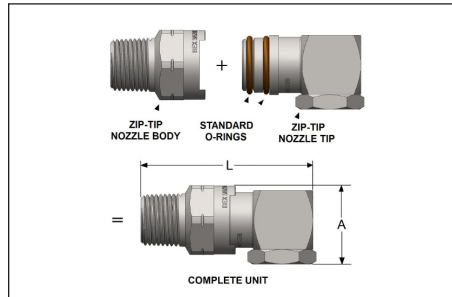




ZH SERIES SPRAY NOZZLES

HOLLOW CONE • ZIP-TIP 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

NOZZLE PIPE SIZE	Length L (in)	Dim. A (in)
1/8ZH	2.11	1.48
1/4ZH	2.21	1.60
3/8ZH	2.24	1.65
1/2ZH	2.31	1.80
1/2ZLH	2.96	1.71
3/4ZLH	3.04	1.86

All dimensions are in inches

Model #	Max. Free Passage mm	Capacities at Various Pressures LPM											Spray Angle			
		.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
ZH0.5	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°
ZH1	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°
ZH2	2.16	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.58	65°	65°	72°	76°
ZH3	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°
ZH5	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°
ZH7.5	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°
ZH10	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°
ZH12.5	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°
ZH15	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°	73°	75°	75°
ZH20	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°
ZH25	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°
ZH30	7.42	75	97	114	137	167	193	237	273	306	335	387	70°	70°	73°	72°

* TABLE CONTINUES ON FOLLOWING PAGE



ZH SPRAY NOZZLE SPECIFICATIONS
HOLLOW CONE • ZIP-TIP CONNECTION

www.BEX.com

Model #	Max. Free Passage mm	Capacities at Various Pressures LPM											Spray Angle			
		.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
ZLH40	9.37	100	129	153	182	223	258	316	365	408	447	516	70°	75°	75°	75°
ZLH50	9.98	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	64	70°	70°	71°	73°
ZLH60	10.69	15.0	19.3	22.9	27.3	33	39	47	55	61	67	77	70°	70°	71°	71°
ZLH70	11.91	17.5	22.6	26.7	32	39	45	55	64	71	78	90	70°	74°	76°	76°
ZLH80	12.29	20.0	25.8	30.5	36	45	52	63	73	82	89	103	70°	73°	75°	76°
ZLH90	12.70	22.5	29.0	34	41	50	58	71	82	92	100	116	70°	70°	71°	73°
ZLH100	12.88	25.0	32	38	46	56	64	79	91	102	112	129	70°	73°	76°	78°
ZLH110	14.61	27.5	35	42	50	61	71	87	100	112	123	142	70°	72°	75°	72°
ZLH120	14.43	30.0	39	46	55	67	77	95	109	122	134	155	70°	70°	71°	71°

