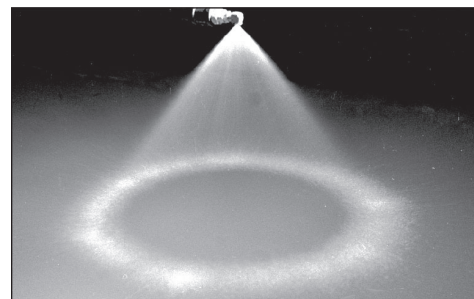
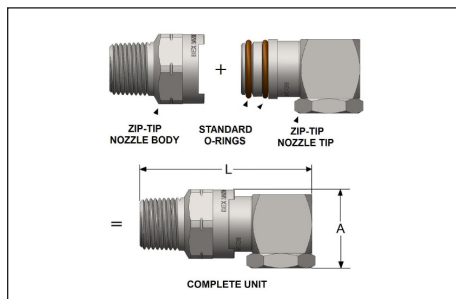




ZH SERIES SPRAY NOZZLES

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 inches	Capacities at Various Pressures USGPM											Spray Angle			
		3 psi	5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	10 psi	20 psi	40 psi	80 psi
ZH0.5	0.028	0.027	0.035	0.042	0.050	0.061	0.071	0.087	0.100	0.122	0.141	0.158	--	--	40°	45°
ZH1	0.060	0.055	0.071	0.084	0.100	0.122	0.141	0.173	0.200	0.245	0.283	0.32	--	61°	74°	69°
ZH2	0.085	0.110	0.141	0.167	0.200	0.245	0.283	0.35	0.40	0.49	0.57	0.63	65°	65°	72°	76°
ZH3	0.111	0.164	0.212	0.251	0.300	0.37	0.42	0.52	0.60	0.73	0.85	0.95	70°	70°	72°	74°
ZH5	0.136	0.274	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	1.41	1.58	70°	77°	80°	83°
ZH7.5	0.166	0.41	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.84	2.12	2.37	70°	70°	74°	75°
ZH10	0.170	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	70°	74°	76°	80°
ZH12.5	0.177	0.68	0.88	1.05	1.25	1.53	1.77	2.17	2.50	3.06	3.5	4.0	70°	82°	83°	83°
ZH15	0.213	0.82	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	4.2	4.7	70°	73°	75°	75°
ZH20	0.250	1.10	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	5.7	6.3	70°	73°	75°	75°
ZH25	0.279	1.37	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	70°	72°	73°	73°
ZH30	0.292	16.4	21.2	25.1	30.0	37	42	52	60	73	85	95	70°	70°	73°	72°

* TABLE CONTINUES ON FOLLOWING PAGE



ZH SPRAY NOZZLE SPECIFICATIONS
HOLLOW CONE • ZIP-TIP CONNECTION

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Model #	Max. Free Passage inches	Capacities at Various Pressures USGPM											Spray Angle			
		3 psi	5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	10 psi	20 psi	40 psi	80 psi
ZLH40	0.369	21.9	28.3	33	40	49	57	69	80	98	113	126	70°	75°	75°	75°
ZLH50	0.393	2.74	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	70°	70°	71°	73°
ZLH60	0.421	3.3	4.2	5.0	6.0	7.3	8.5	10.4	12.0	14.7	17.0	19.0	70°	70°	71°	71°
ZLH70	0.469	3.8	4.9	5.9	7.0	8.6	9.9	12.1	14.0	17.1	19.8	22.1	70°	74°	76°	76°
ZLH80	0.484	4.4	5.7	6.7	8.0	9.8	11.3	13.9	16.0	19.6	22.6	25.3	70°	73°	75°	76°
ZLH90	0.500	4.9	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	25.5	28.5	70°	70°	71°	73°
ZLH100	0.507	5.5	7.1	8.4	10.0	12.2	14.1	17.3	20.0	24.5	28.3	32	70°	73°	76°	78°
ZLH110	0.575	6.0	7.8	9.2	11.0	13.5	15.6	19.1	22.0	26.9	31.1	35	70°	72°	75°	72°
ZLH120	0.568	6.6	8.5	10.0	12.0	14.7	17.0	20.8	24.0	29.4	34	38	70°	70°	71°	71°

