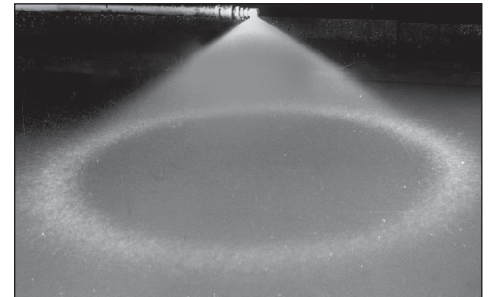
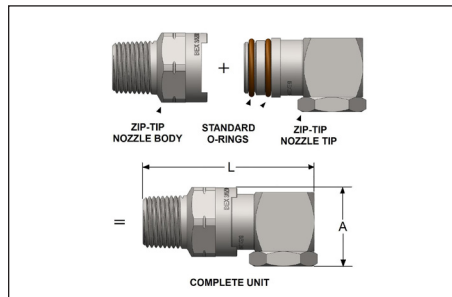




ZHW SERIES SPRAY NOZZLES

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 120° 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:

- Water Cooling
- Roof Cooling
- Air Cooling
- Air Washing

NOZZLE PIPE SIZE	Length L (in)	Dim. A (in)
1/8ZHW	2.11	1.48
1/4ZHW	2.21	1.60
3/8ZHW	2.24	1.65
1/2ZHW	2.31	1.80
1/2ZLHW	2.96	1.71
3/4ZLHW	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
ZH1W	0.055	0.055	0.071	0.084	0.100	0.122	0.141	0.173	0.200	0.245	0.283	0.32	120°	110°	102°	90°
ZH2W	0.077	0.110	0.141	0.167	0.200	0.245	0.283	0.35	0.40	0.49	0.57	0.63	120°	110°	105°	92°
ZH3W	0.093	0.164	0.212	0.251	0.300	0.37	0.42	0.52	0.60	0.73	0.85	0.95	120°	114°	104°	90°
ZH5W	0.109	0.274	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	1.41	1.58	120°	113°	107°	98°
ZH7.5W	0.158	0.41	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.84	2.12	2.37	120°	115°	110°	92°
ZH10W	0.170	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	120°	115°	110°	93°
ZH12.5W	0.188	0.68	0.88	1.05	1.25	1.53	1.77	2.17	2.50	3.06	3.5	4.0	120°	118°	110°	94°
ZH15W	0.201	0.82	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	4.2	4.7	120°	115°	108°	92°
ZH20W	0.234	1.10	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	5.7	6.3	120°	118°	116°	110°
ZH25W	0.265	1.37	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	120°	117°	115°	110°
ZH30W	0.280	1.64	2.12	2.51	3.00	3.7	4.2	5.2	6.0	7.3	8.5	9.5	120°	115°	110°	102°
ZLH50W	0.358	2.74	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	120°	115°	108°	103°
ZLH80W	0.468	4.4	5.7	6.7	8.0	9.8	11.3	13.9	16.0	19.6	22.6	25.3	120°	117°	110°	103°

