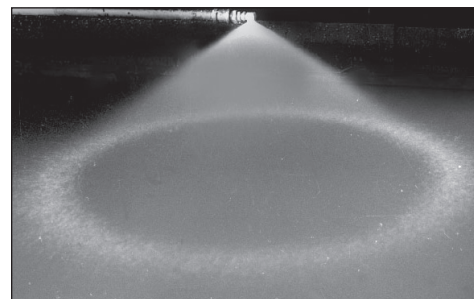
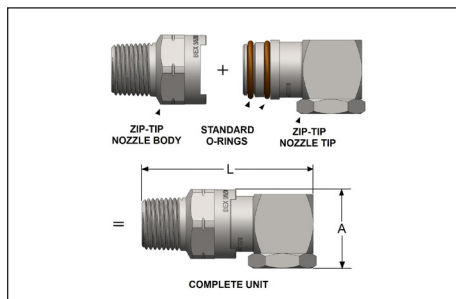




ZHW SERIES SPRAY NOZZLES

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 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
ZH1W	1.40	0.250	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.02	1.12	1.29	120°	110°	102°	90°
ZH2W	1.96	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.58	120°	110°	105°	92°
ZH3W	2.36	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.3	3.9	120°	114°	104°	90°
ZH5W	2.77	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.4	120°	113°	107°	98°
ZH7.5W	4.01	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	9.7	120°	115°	110°	92°
ZH10W	4.32	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	120°	115°	110°	93°
ZH12.5W	4.78	3.12	4.0	4.8	5.7	7.0	8.1	9.9	11.4	12.7	14.0	16.1	120°	118°	110°	94°
ZH15W	5.11	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	19.3	120°	115°	108°	92°
ZH20W	5.94	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	22.3	25.8	120°	118°	116°	110°
ZH25W	6.73	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	27.9	32	120°	117°	115°	110°
ZH30W	7.11	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	33	39	120°	115°	110°	102°
ZLH50W	9.09	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	64	120°	115°	108°	103°
ZLH80W	11.89	20.0	25.8	30.5	36	45	52	63	73	82	89	103	120°	117°	110°	103°



ZHW SPRAY NOZZLE SPECIFICATIONS
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