



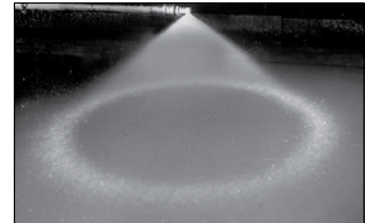
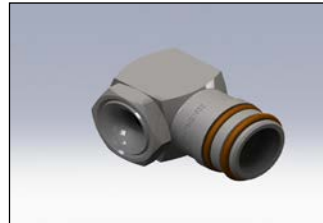
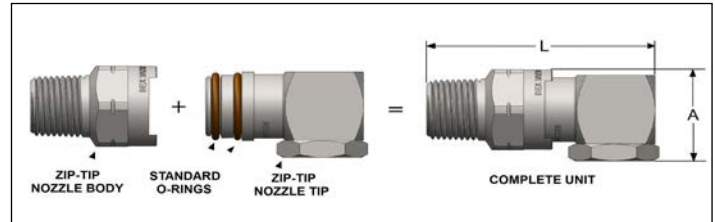
ZHW SPRAY NOZZLE SPECIFICATIONS



ZIP-TIP NOZZLE INSTALLATION & REMOVAL

- NO TOOLS REQUIRED for ZIP-TIP nozzle tip installation or removal
- POSITIVE ALIGNMENT of spray pattern
- "Light-lock" feature allows for easy removal
- Seals located on and removed with nozzle tip for easy flushing

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



SPRAY CHARACTERISTICS:

A hollow cone wide angle 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 tip models listed are machined from bar stock and are of two piece construction. Standard materials are brass, mild steel, 303 stainless steel and 316 stainless steel. All bodies are available in either NPT or BSPT threads.

TYPICAL APPLICATIONS:

- Air and Gas Washing
- Aerating, Rinsing and Humidifying
- Industrial Washers and Spray Ponds
- Cooling Tunnels
- Roof Cooling
- Degreasing
- Dust Suppression
- Metal Treatment

Model		Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)											SPRAY ANGLE @ (degrees)			
ZHW Model	ZLHW Model		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	0.03	0.07	0.08	0.10	0.12	0.14	0.17	0.20	0.25	0.28	0.32	120	110	102	90
ZH2W		0.077	0.06	0.14	0.17	0.20	0.25	0.28	0.35	0.40	0.49	0.57	0.63	120	110	105	92
ZH3W		0.093	0.11	0.21	0.25	0.30	0.37	0.42	0.52	0.60	0.73	0.85	0.95	120	114	104	90
ZH5W		0.109	0.16	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	0.27	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	0.41	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	0.55	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	0.06	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	0.11	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	0.16	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	0.27	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	0.41	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	0.55	5.7	6.7	8.0	9.8	11.3	13.9	16.0	19.6	22.6	25.3	120	117	110	103