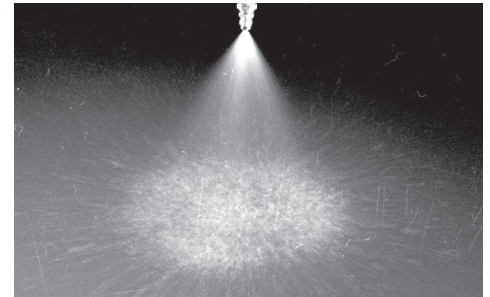
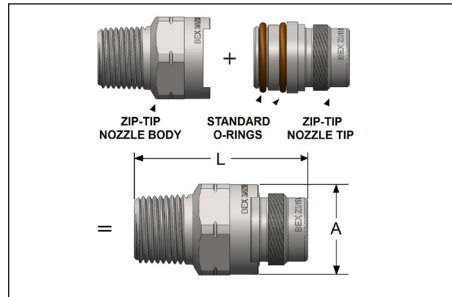




ZSW SPRAY NOZZLE SPECIFICATIONS

FULL CONE • ZIP-TIP CONNECTION • ONE-PIECE CONSTRUCTION



SPRAY CHARACTERISTICS:

A wide angle full cone spray pattern, with uniform distribution throughout the cone.

TYPICAL APPLICATIONS:

- Chemical Processing
- Cooling Sprays
- Foam Breaking
- Continuous Casting

U.S. Patent No. 4, 142, 682

Canadian Patent No. 1, 050, 589

CONSTRUCTION:

The nozzle contains a patented insert with larger flow passages than older styles and is less susceptible to clogging. Standard materials are brass, 303 stainless steel, and 316 stainless steel. Some models are also stocked in PVC, CPVC and polypropylene.

NOZZLE PIPE SIZE	Length 'L' (in)	Dim. 'A' (in)
1/8ZSW	1.60	0.97
1/4ZSW	1.70	0.97
3/8ZSW	1.73	0.97
1/2ZSW	1.80	0.97
1/2ZLSW	2.11	1.25
3/4ZLSW	2.19	1.25

Model ID	Capacity												Spray Angle		
	3 psi	5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	150 psi	7 psi	20 psi	80 psi
ZS2.8W	0.153	0.198	0.234	0.280	0.34	0.40	0.48	0.56	0.69	0.79	0.89	1.08	110	105	96
ZS4.3W	0.236	0.304	0.36	0.43	0.53	0.61	0.74	0.86	1.05	1.22	1.36	1.67	117	108	110
ZS5.6W	0.307	0.40	0.47	0.56	0.69	0.79	0.97	1.12	1.37	1.58	1.77	2.17	117	110	100
ZS8W	0.44	0.57	0.67	0.80	0.98	1.13	1.39	1.60	1.96	2.26	2.53	3.10	118	110	103
ZS10W	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	118	108	102
ZS12W	0.66	0.85	1.00	1.20	1.47	1.70	2.08	2.40	2.94	3.4	3.8	4.6	120	112	102
ZS14W	0.77	0.99	1.17	1.40	1.71	1.98	2.42	2.80	3.4	4.0	4.4	5.4	118	114	104
ZS17W	0.93	1.20	1.42	1.70	2.08	2.40	2.94	3.4	4.2	4.8	5.4	6.6	118	117	102
ZS20W	1.10	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	120	120	106
ZS24W	1.31	1.70	2.01	2.40	2.94	3.4	4.2	4.8	5.9	6.8	7.6	9.3	122	118	106
ZS27W	1.48	1.91	2.26	2.70	3.3	3.8	4.7	5.4	6.6	7.6	8.5	10.5	122	120	107
ZLS30W	1.64	2.12	2.51	3.00	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	120	118	110
ZLS35W	1.92	2.47	2.93	3.5	4.3	4.9	6.1	7.0	8.6	9.9	11.1	13.6	122	118	108
ZLS40W	2.19	2.83	3.3	4.0	4.9	5.7	6.9	8.0	9.8	11.3	12.6	15.5	122	119	104
ZLS45W	2.46	3.2	3.8	4.5	5.5	6.4	7.8	9.0	11.0	12.7	14.2	17.4	141	118	108

