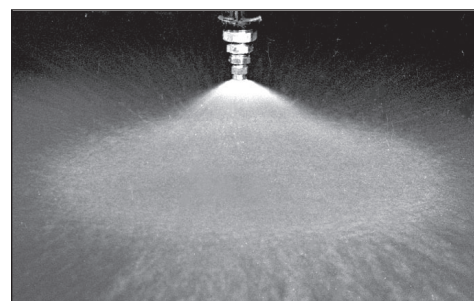
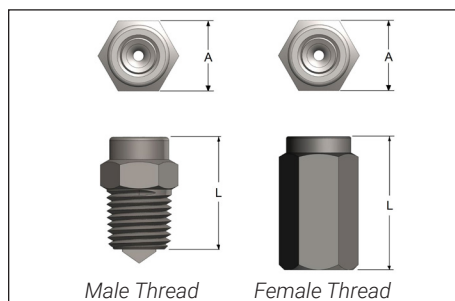




SW SPRAY NOZZLE SPECIFICATIONS

FULL CONE • THREADED CONNECTION • ONE-PIECE



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.

Male Size	Dim 'A'	Dim 'B'	Female Size	Dim 'A'	Dim 'B'
1/8SW	7/16 HEX	13/16	3/4FSW	1 1/4 HEX	2 3/8
1/4SW	9/16 HEX	15/16	1FSW	1 1/2 HEX	2 1/2
3/8SW	1 1/16 HEX	1 1/16	1 1/4FSW	2 HEX	3 1/2
1/2SW	7/8 HEX	1 7/16	1 1/2FSW	2 1/4 Dia.	4 1/4
3/4SW	1 1/4 HEX	1 11/16	2FSW	2 3/4 Dia.	5 7/8
1SW	1 3/8 dia.	2 1/16	2 1/2FSW	3 1/2 Dia.	6 1/2
			3FSW	4" Dia.	7 3/4
			4FSW	5" Dia.	10 1/2

Model ID		Max. Free Passage	Capacities at Various Pressures												Spray Angle		
Female	Male		0.2 bar	0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	9 bar	0.5 bar	1.4 bar	5.5 bar
	1/8S2.8W	1.30	0.57	0.70	0.90	1.07	1.28	1.56	1.80	2.21	2.55	2.85	3.13	3.8	110	105	96
	1/8S4.3W	1.30	0.88	1.07	1.39	1.64	1.96	2.40	2.77	3.4	3.9	4.4	4.8	5.9	117	108	100
	1/8S5.6W	1.63	1.14	1.40	1.80	2.14	2.55	3.13	3.6	4.4	5.1	5.7	6.3	7.7	117	110	100
	1/4S5.6W	1.63	1.14	1.40	1.80	2.14	2.55	3.13	3.6	4.4	5.1	5.7	6.3	7.7	120	108	102
	1/8S8W	2.06	1.63	2.00	2.58	3.05	3.6	4.5	5.2	6.3	7.3	8.2	8.9	10.9	118	110	103
	1/4S10W	2.31	2.04	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	13.7	118	108	102
	1/4S12W	2.31	2.45	3.00	3.9	4.6	5.5	6.7	7.7	9.5	10.9	12.2	13.4	16.4	120	112	102
	1/4S14W	2.31	2.85	3.5	4.5	5.3	6.4	7.8	9.0	11.1	12.8	14.3	15.6	19.1	118	114	104
	3/8S17W	2.59	3.5	4.2	5.5	6.5	7.7	9.5	11.0	13.4	15.5	17.3	19.0	23.2	118	117	102
	3/8S20W	2.59	4.1	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	22.3	27.3	120	120	106
	3/8S24W	2.59	4.9	6.0	7.7	9.2	10.9	13.4	15.5	18.9	21.9	24.5	26.8	33	122	118	106
	3/8S27W	2.59	5.5	6.7	8.7	10.3	12.3	15.1	17.4	21.3	24.6	27.5	30.1	37	122	120	107
	1/2S30W	3.66	6.1	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	33	41	120	118	110
	1/2S35W	3.66	7.1	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	39	48	122	118	108
	1/2S40W	4.11	8.2	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	45	55	122	119	104
	1/2S45W	4.11	9.2	11.2	14.5	17.2	20.5	25.1	29.0	36	41	46	50	62	141	118	108
3/4FS50W	3/4S50W	4.95	10.2	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	68	120	120	110
3/4FS71W	3/4S71W	4.95	14.5	17.7	22.9	27.1	32	40	46	56	65	72	79	97	118	120	112
1FS13W	1S13W	5.56	26.5	32	42	50	59	73	84	103	119	132	145	178	120	125	118
1-1/4FS19W		6.60	39	47	61	72	87	106	122	150	173	194	212	260	122	123	120
1-1/2FS29W		8.36	59	72	93	111	132	162	187	229	264	296	324	397	125	125	120
2FS56W		11.13	114	140	180	214	255	313	361	442	510	571	625	766	125	125	118
2-1/2FS83W		13.49	169	207	267	317	378	463	535	655	757	846	927	1,135	122	123	120
3FS107W		17.48	218	267	345	408	488	597	690	845	975	1,090	1,195	1,463	125	123	123
4FS165W		22.23	336	412	532	629	752	921	1,064	1,303	1,504	1,682	1,842	2,256	125	125	123

