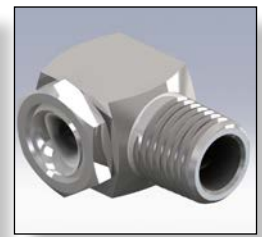
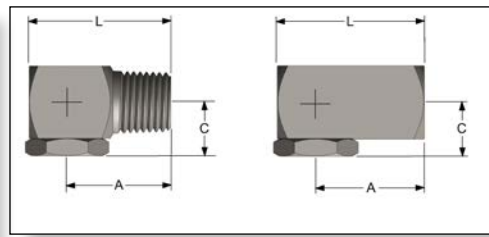
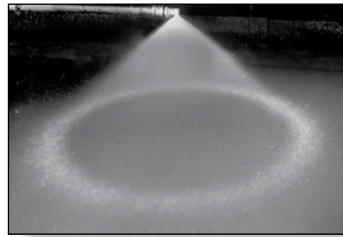




HW SERIES NOZZLE SPECIFICATIONS



SPRAY CHARACTERISTICS:

A hollow cone spray pattern, similar to the BEX H series, but with wider spray angles. The included angle of the spray cone is 120° at 10 p.s.i.

CONSTRUCTION:

The models listed are machined from bar stock, and are two piece construction. Standard materials are brass, 303 stainless steel and 316 stainless steel. Some models are also available in other materials.

TYPICAL APPLICATIONS:

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

MALE MODEL	Dim. A	Dim. L	Dim. C	FEMALE MODEL	Dim. A	Dim. L	Dim. C
1/8HW	11/16	3/8	1	1/8FHW	11/16	3/8	1
1/4HW	15/16	1/2	1 1/4	1/4FHW	15/16	1/2	1 1/4
3/8HW	1	9/16	1 3/8	3/8FHW	1	9/16	1 3/8
1/2HW	1 3/8	3/4	1 7/8	1/2FHW	1 3/8	3/4	1 7/8
3/4HW	1 9/16	7/8	2 1/4	3/4FHW	1 5/8	7/8	2 1/4

Model		Max. Free Passage (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)											SPRAY ANGLE @ (degrees)			
			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
1/8FH1W	1/8H1W	0.055	0.03	0.07	0.08	0.10	0.12	0.14	0.17	0.20	0.25	0.28	0.32	--	115	107	95
1/8FH2W	1/8H2W	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	117	105	97
1/8FH3W	1/8H3W	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	116	109	92
1/8FH5W	1/8H5W	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	116	107	90
1/4FH1W	1/4H1W	0.055	0.27	0.07	0.08	0.10	0.12	0.14	0.17	0.20	0.25	0.28	0.32	120	110	102	90
1/4FH2W	1/4H2W	0.077	0.41	0.14	0.17	0.20	0.25	0.28	0.35	0.40	0.49	0.57	0.63	120	110	105	92
1/4FH3W	1/4H3W	0.093	0.55	0.21	0.25	0.30	0.37	0.42	0.52	0.60	0.73	0.85	0.95	120	114	104	90
1/4FH5W	1/4H5W	0.109	0.06	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	1.41	1.58	120	113	107	98
1/4FH7.5W	1/4H7.5W	0.158	0.11	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.84	2.12	2.37	120	115	110	92
1/4FH10W	1/4H10W	0.170	0.16	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	120	115	110	93
1/4FH12.5W	1/4H12.5W	0.188	0.27	0.88	1.05	1.25	1.53	1.77	2.17	2.50	3.06	3.5	4.0	120	118	110	94
1/4FH15W	1/4H15W	0.201	0.41	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	4.2	4.7	120	115	108	92
3/8FH5W	3/8H5W	0.109	0.55	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	120	117	107	99
3/8FH7.5W	3/8H7.5W	0.158	0.68	5.3	6.3	7.5	9.2	10.6	13.0	15.0	18.4	21.2	23.7	120	113	110	93
3/8FH10W	3/8H10W	0.170	0.82	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	120	115	110	93
3/8FH12.5W	3/8H12.5W	0.188	0.27	0.88	1.05	1.25	1.53	1.77	2.17	2.50	3.06	3.5	4.0	120	115	108	94
3/8FH15W	3/8H15W	0.201	0.41	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	4.2	4.7	120	115	108	92
3/8FH20W	3/8H20W	0.234	0.55	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	5.7	6.3	120	118	116	110
3/8FH25W	3/8H25W	0.265	0.68	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	120	117	115	110
3/8FH30W	3/8H30W	0.28	0.82	2.12	2.51	3.00	3.7	4.2	5.2	6.0	7.3	8.5	9.5	120	115	110	102
1/2FH50W	1/2H50W	0.358	1.10	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	120	115	108	103
3/4FH80W	3/4H80W	0.468	1.37	5.7	6.7	8.0	9.8	11.3	13.9	16.0	19.6	22.6	25.3	120	117	110	103