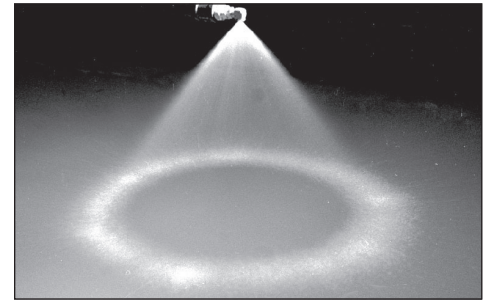
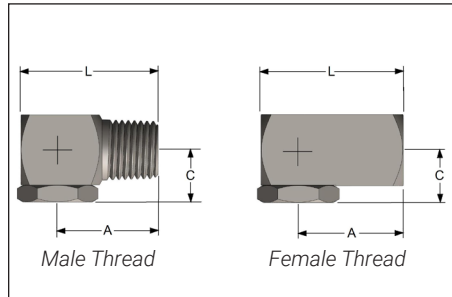
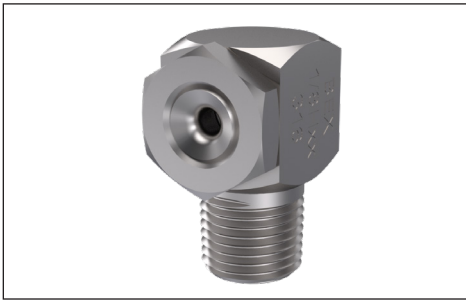




HBW SERIES SPRAY NOZZLES

HOLLOW CONE • THREADED CONNECTION



SPRAY CHARACTERISTICS:

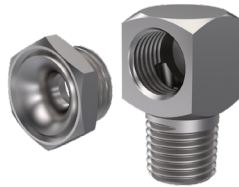
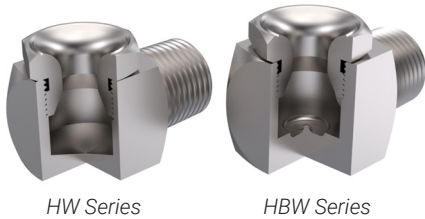
A hollow cone spray pattern, similar to the BEX H series, but with wider spray angles. The included angle of the spray cone is 120° at 10 p.s.i.

CONSTRUCTION:

The models listed are machined from bar stock, and are two piece construction.

TYPICAL APPLICATIONS:

- Water Cooling
- Roof Cooling
- Air Cooling
- Air Washing



Female Size	Dim 'A'	Dim 'C'	Dim 'L'	Male Size	Dim 'A'	Dim 'C'	Dim 'L'
1/8FHBW	11/16	3/8	1	1/8HBW	11/16	3/8	1
1/4FHBW	15/16	1/2	1 1/4	1/4HBW	15/16	1/2	1 1/4
3/8FHBW	1	9/16	1 3/8	3/8HBW	1	9/16	1 1/2
1/2FHBW	1 3/8	3/4	1 7/8	1/2HBW	1 3/8	3/4	1 7/8
3/4FHBW	1 9/16	7/8	2 1/4	3/4HBW	1 5/8	7/8	2 1/4

All dimensions are in inches

Model		Max. Free Passage	Capacities at Various Pressures												Spray Angle			
Female	Male		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	
1/8FHB1W	1/8HB1W		--	0.071	0.084	0.100	0.122	0.141	0.173	0.200	0.245	0.283	0.32	--	115	107	95	
1/8FHB2W	1/8HB2W	0.077	0.110	0.141	0.167	0.200	0.245	0.283	0.35	0.40	0.49	0.57	0.63	120	117	105	97	
1/8FHB3W	1/8HB3W	0.093	0.164	0.212	0.251	0.300	0.37	0.42	0.52	0.60	0.73	0.85	0.95	120	116	109	92	
1/8FHB5W	1/8HB5W	0.109	0.274	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	1.41	1.58	120	116	107	90	
1/4FHB1W	1/4HB1W	0.055	0.055	0.071	0.084	0.100	0.122	0.141	0.173	0.200	0.245	0.283	0.32	120	110	108	90	
1/4FHB2W	1/4HB2W	0.077	0.110	0.141	0.167	0.200	0.245	0.283	0.35	0.40	0.49	0.57	0.63	120	110	105	92	
1/4FHB3W	1/4HB3W	0.093	0.164	0.212	0.251	0.300	0.37	0.42	0.52	0.60	0.73	0.85	0.95	120	114	104	90	
1/4FHB5W	1/4HB5W	0.109	0.274	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	1.41	1.58	120	113	107	98	
1/4FHB7.5W	1/4HB7.5W	0.158	0.41	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.84	2.12	2.37	120	115	110	92	
1/4FHB10W	1/4HB10W	0.170	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	120	115	110	93	
1/4FHB12.5W	1/4HB12.5W	0.188	0.68	0.88	1.05	1.25	1.53	1.77	2.17	2.50	3.06	3.5	4.0	120	118	110	94	
1/4FHB15W	1/4HB15W	0.201	0.82	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	4.2	4.7	120	115	108	92	
3/8FHB5W	3/8HB5W	0.109	2.74	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	120	117	107	99	
3/8FHB7.5W	3/8HB7.5W	0.158	4.1	5.3	6.3	7.5	9.2	10.6	13.0	15.0	18.4	21.2	23.7	120	113	110	93	
3/8FHB10W	3/8HB10W	0.170	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	2.83	3.2	120	115	110	93	
3/8FHB12.5W	3/8HB12.5W	0.188	0.68	0.88	1.05	1.25	1.53	1.77	2.17	2.50	3.06	3.5	4.0	120	115	108	94	
3/8FHB15W	3/8HB15W	0.201	0.82	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	4.2	4.7	120	115	108	92	



HBW SPRAY NOZZLE SPECIFICATIONS
HOLLOW CONE • THREADED CONNECTION

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Model		Max. Free Passage	Capacities at Various Pressures												Spray Angle			
Female	Male		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	
3/8FHB20W	3/8HB20W	0.234	1.10	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	5.7	6.3	120	118	116	110	
3/8FHB25W	3/8HB25W	0.265	1.37	1.77	2.09	2.50	3.06	3.5	4.3	5.0	6.1	7.1	7.9	120	117	115	110	
3/8FHB30W	3/8HB30W	0.280	1.64	2.12	2.51	3.00	3.7	4.2	5.2	6.0	7.3	8.5	9.5	120	115	110	102	
1/2FHB50W	1/2HB50W	0.358	2.74	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	120	115	108	103	
3/4FHB80W	3/4HB80W	0.468	4.4	5.7	6.7	8.0	9.8	11.3	13.9	16.0	19.6	22.6	25.3	120	117	110	103	

