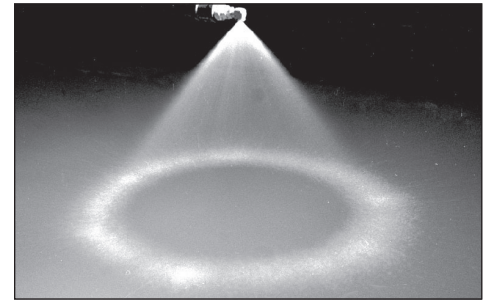
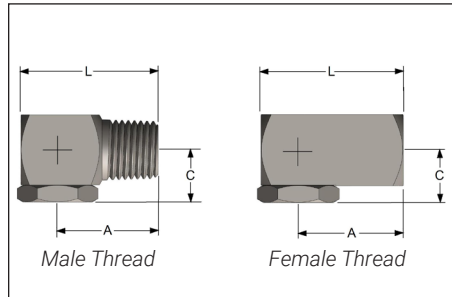
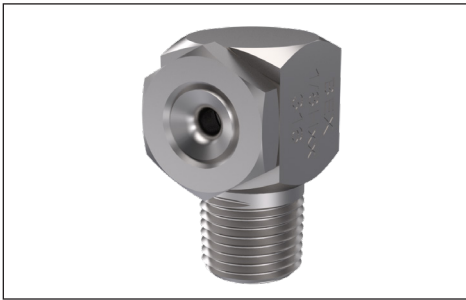




HBW SERIES SPRAY NOZZLES

HOLLOW CONE • THREADED CONNECTION



SPRAY CHARACTERISTICS:

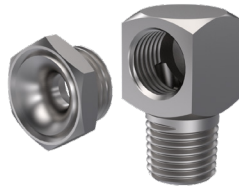
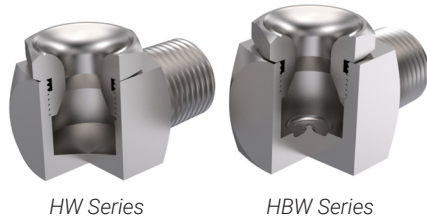
A hollow cone spray pattern, similar to the BEX H series, but with wider spray angles. The included angle of the spray cone is 120° at 10 p.s.i.

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 bar	.5 bar	.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	8 bar	0.7 bar	1.5 bar	3 bar	6 bar	
1/8FHB1W	1/8HB1W		--	--	--	0.46	0.56	0.64	0.79	0.91	1.02	1.12	1.29	--	115	107	95	
1/8FHB2W	1/8HB2W	1.96	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.58	120	117	105	97	
1/8FHB3W	1/8HB3W	2.36	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.3	3.9	120	116	109	92	
1/8FHB5W	1/8HB5W	2.77	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.4	120	116	107	90	
1/4FHB1W	1/4HB1W	1.40	0.250	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.02	1.12	1.29	120	110	102	90	
1/4FHB2W	1/4HB2W	1.96	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.23	2.58	120	110	105	92	
1/4FHB3W	1/4HB3W	2.36	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.3	3.9	120	114	104	90	
1/4FHB5W	1/4HB5W	2.77	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	5.6	6.4	120	113	107	98	
1/4FHB7.5W	1/4HB7.5W	4.01	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	8.4	9.7	120	115	110	92	
1/4FHB10W	1/4HB10W	4.32	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	120	115	110	93	
1/4FHB12.5W	1/4HB12.5W	4.78	3.12	4.0	4.8	5.7	7.0	8.1	9.9	11.4	12.7	14.0	16.1	120	118	110	94	
1/4FHB15W	1/4HB15W	5.11	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	19.3	120	115	108	92	
3/8FHB5W	3/8HB5W	2.77	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	64	120	117	107	99	
3/8FHB7.5W	3/8HB7.5W	4.01	18.7	24.2	28.6	34	42	48	59	68	76	84	97	120	113	110	93	
3/8FHB10W	3/8HB10W	4.32	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	11.2	12.9	120	115	110	93	
3/8FHB12.5W	3/8HB12.5W	4.78	3.12	4.0	4.8	5.7	7.0	8.1	9.9	11.4	12.7	14.0	16.1	120	115	108	94	
3/8FHB15W	3/8HB15W	5.11	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	16.7	19.3	120	115	108	92	

Model		Max. Free Passage	Capacities at Various Pressures												Spray Angle			
Female	Male		.3 bar	.5 bar	.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	8 bar	0.7 bar	1.5 bar	3 bar	6 bar	
3/8FHB20W	3/8HB20W	5.94	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	22.3	25.8	120	118	116	110	
3/8FHB25W	3/8HB25W	6.73	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	27.9	32	120	117	115	110	
3/8FHB30W	3/8HB30W	7.11	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	33	39	120	115	110	102	
1/2FHB50W	1/2HB50W	9.09	12.5	16.1	19.1	22.8	27.9	32	39	46	51	56	64	120	115	108	103	
3/4FHB80W	3/4HB80W	11.89	20.0	25.8	30.5	36	45	52	63	73	82	89	103	120	117	110	103	

