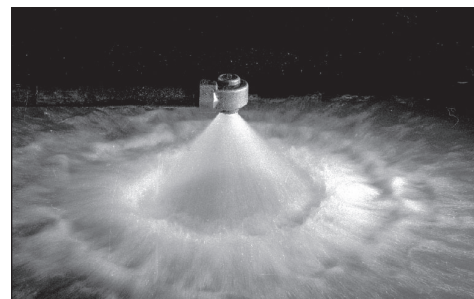
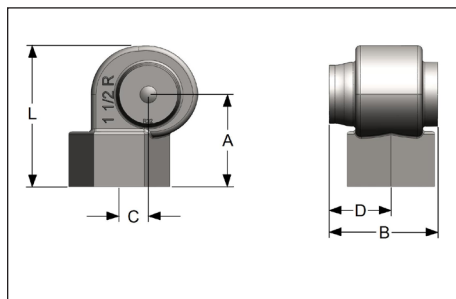
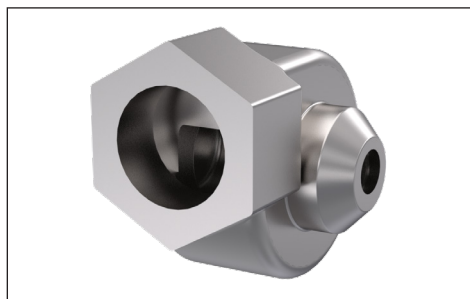




R SERIES SPRAY NOZZLES

HOLLOW CONE • THREADED CONNECTION



SPRAY CHARACTERISTICS:

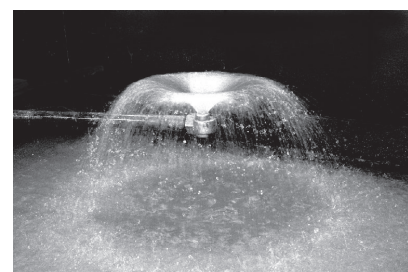
A high capacity hollow cone spray pattern with uniform distribution. The large body and orifice diameter allow for small particles to pass through, minimizing clogging.

TYPICAL APPLICATIONS:

- Aeration and Pollution Control
- Cooling Ponds
- Scrubbing and Washing Gases and Fumes
- Cooling Coil
- Dust Proofing
- Chemical Processes.

CONSTRUCTION:

One piece cast construction. All parts in the R series have a female thread connection. Alternative materials available on a limited, special order basis.



Upwards Spray at 1 PSI: Wide Spray angle with large droplets and minimal misting.

Nozzle Size	Dim 'A'	Dim 'B'	Dim 'C'	Dim 'D'	Dim 'L'
1R	2	2 ¹ / ₈	1 ¹ / ₈	1 ¹ / ₈	2 ³ / ₄
1 ¹ / ₄ R	2 ¹ / ₈	2 ¹ / ₄	1 ¹ / ₂	1 ¹ / ₄	3 ¹ / ₈
1 ¹ / ₂ R	2 ³ / ₈	3	9 ¹ / ₁₆	1 ³ / ₄	3 ³ / ₄
2R	2 ³ / ₄	3 ⁷ / ₈	1	2 ¹ / ₄	4 ³ / ₄
2 ¹ / ₂ R	3 ¹ / ₂	4 ³ / ₄	1 ¹ / ₈	2 ³ / ₄	4 ³ / ₄

Female	Pipe Size	Max Free Passage	Capacities Various Pressures												Spray Angle		
			0.1 bar	0.2 bar	0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	0.5 bar	1.5 bar	4 bar
1R10	1	12.70	14.4	20.4	25.0	32	38	46	56	64	79	91	102	121	65	72	73
1R12	1	13.49	17.3	24.5	30.0	39	46	55	67	77	95	109	122	145	71	74	75
1R14	1	14.29	20.2	28.5	35	45	53	64	78	90	111	128	143	169	74	79	80
1R16	1	14.29	23.1	33	40	52	61	73	89	103	126	146	163	193	77	83	83
1R18	1	14.29	25.9	37	45	58	69	82	100	116	142	164	183	217	80	86	76
1-1/4R12	1-1/4	13.49	17.3	24.5	30.0	39	46	55	67	77	95	109	122	145	64	68	69
1-1/4R14	1-1/4	14.29	20.2	28.5	35	45	53	64	78	90	111	128	143	169	66	71	71
1-1/4R16	1-1/4	15.88	23.1	33	40	52	61	73	89	103	126	146	163	193	71	75	75
1-1/4R18	1-1/4	15.88	25.9	37	45	58	69	82	100	116	142	164	183	217	76	78	79
1-1/4R21	1-1/4	15.88	30.3	43	52	68	80	96	117	135	166	191	214	253	79	82	82
1-1/4R24	1-1/4	15.88	35	49	60	77	92	109	134	155	189	219	245	289	81	76	86
1-1/2R18	1-1/2	15.88	25.9	37	45	58	69	82	100	116	142	164	183	217	66	70	71
1-1/2R21	1-1/2	17.46	30.3	43	52	68	80	96	117	135	166	191	214	253	70	74	74
1-1/2R24	1-1/2	19.05	35	49	60	77	92	109	134	155	189	219	245	289	73	76	76
1-1/2R28	1-1/2	19.05	40	57	70	90	107	128	156	180	221	255	285	338	76	79	80
1-1/2R32	1-1/2	19.05	46	65	80	103	122	146	179	206	253	292	326	386	79	84	84

* TABLE CONTINUES ON FOLLOWING PAGE



R SPRAY NOZZLE SPECIFICATIONS
HOLLOW CONE • THREADED CONNECTION

www.BEX.com

Female	Pipe Size	Max Free Passage	Capacities Various Pressures												Spray Angle		
			0.1 bar	0.2 bar	0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	0.5 bar	1.5 bar	4 bar
1-1/2R37	1-1/2	19.05	53	75	92	119	141	169	207	238	292	337	377	446	84	88	88
2R37	2	22.23	53	75	92	119	141	169	207	238	292	337	377	446	62	64	65
2R43	2	23.81	62	88	107	139	164	196	240	277	339	392	438	519	66	70	72
2R49	2	25.40	71	100	122	158	187	223	274	316	387	447	499	591	70	72	73
2R57	2	26.99	82	116	142	184	217	260	318	367	450	520	581	687	74	77	77
2R65	2	26.99	94	132	162	209	248	296	363	419	513	593	662	784	75	79	79
2R75	2	26.99	108	153	187	242	286	342	419	483	592	684	764	904	78	81	81
2R86	2	26.99	124	175	215	277	328	392	480	554	679	784	876	1,037	86	88	88
2-1/2R75	2-1/2	33.34	108	153	187	242	286	342	419	483	592	684	764	904	67	72	72
2-1/2R86	2-1/2	33.34	124	175	215	277	328	392	480	554	679	784	876	1,037	73	76	76
2-1/2R100	2-1/2	33.34	144	204	250	322	381	456	558	645	789	912	1,019	1,206	79	83	84
2-1/2R115	2-1/2	33.34	166	234	287	371	439	524	642	741	908	1,048	1,172	1,387	80	84	85
2-1/2R132	2-1/2	33.34	190	269	330	425	503	602	737	851	1,042	1,203	1,345	1,592	82	87	87

