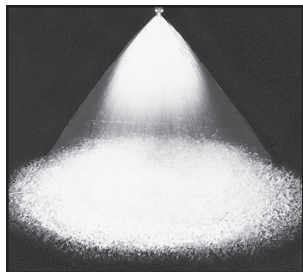




FULL CONE SPRAY NOZZLE, STANDARD ANGLE



FEATURES AND BENEFITS

- Solid cone-shaped spray pattern with round impact area.
- Uniform distribution over a wide range of flow rates and pressures.
- Medium- to large-sized drops.
- Unique vane design with large flow passages provides superior control and uniform distribution.
- Removable caps and vanes for easy inspection and cleaning on most models.
- Removable vane has location marks for proper positioning after cleaning.
- Set screws in some models secure the vane in the nozzle to prevent dislocation caused by vibration.
- Polypropylene material option offers exceptional chemical and corrosion resistance and resists caking and buildup.
- Wall-mounted options for installation on room exterior, vessel or pipeline.
- For installations with space limitations, right-angle mounting options allow for mounting at a 90° angle.

BB



One-piece body
1/8" to 1/4" NPT or
BSPT (M)

BB



One-piece body
3/8" to 1" NPT or BSPT
(M)

BBG



Removable cap and vane
1/8" to 1" NPT or BSPT (M)

BG



Removable cap and vane
1/8" to 1" NPT or BSPT (F)



FULLCONE SPRAY NOZZLE, STANDARD ANGLE

PERFORMANCE DATA

*At the stated pressure in bar.

Inlet Conn. (in.)	Nozzle Type				Capacity Size	Orifice Dia. Nom. (mm)	Max. Free Passage Dia. (mm)	Capacity (liters per minute)*										Spray Angle (°)*		
	Single Type One-Piece		Fission Type Removable cap and vane					0.4	0.5	0.7	1.5	2	3	4	6	7	10	0.5	1.5	6
	BB	B	BBG	BG																
1/8	●	●	●	●	1	.79	.64	.29	.33	.38	.54	.62	.74	.85	1.0	1.1	1.3	—	58	53
	●	●	●	●	1.5	1.2	.64	.44	.49	.57	.81	.93	1.1	1.3	1.5	1.6	1.9	52	65	59
	●	●	●	●	2	1.2	1.0	.59	.65	.76	1.1	1.2	1.5	1.7	2.0	2.2	2.6	43	50	46
	●	●	●	●	3	1.5	1.0	.88	.98	1.1	1.6	1.9	2.2	2.5	3.1	3.3	3.9	52	65	59
	●	●	●	●	3.5	1.6	1.3	1.0	1.1	1.3	1.9	2.2	2.6	3.0	3.6	3.8	4.5	43	50	46
	●	●	●	●	3.9	2.0	1.0	1.1	1.3	1.5	2.1	2.4	2.9	3.3	4.0	4.3	5.1	77	84	79
	●	●	●	●	5	2.0	1.3	1.5	1.6	1.9	2.7	3.1	3.7	4.2	5.1	5.5	6.5	52	65	59
	●	●	●	●	6.1	2.3	1.3	1.8	2.0	2.3	3.3	3.8	4.5	5.2	6.2	6.7	7.9	69	74	68
1/4	●	●	●	●	6.5	2.4	1.6	1.9	2.1	2.5	3.5	4.0	4.8	5.5	6.7	7.1	8.4	45	50	46
	●	●	●	●	10	3.2	1.6	2.9	3.3	3.8	5.4	6.2	7.4	8.5	10.2	11.0	13.0	58	67	61
	●	●	●	●	12.5	3.2	1.6	3.7	4.1	4.8	6.8	7.7	9.3	10.6	12.8	13.7	16.2	69	74	68
3/8	●	●	●	●	9.5	2.6	2.4	2.8	3.1	3.6	5.1	5.9	7.1	8.1	9.7	10.4	12.3	45	50	46
	●	●	●	●	15	3.6	2.4	4.4	4.9	5.7	8.1	9.3	11.2	12.7	15.4	16.5	19.4	64	67	61
	●	●	●	●	20	4.0	2.8	5.9	6.5	7.6	10.8	12.4	14.9	17.0	20	22	26	76	80	73
	●	●	●	●	22	4.5	2.8	6.5	7.2	8.4	11.9	13.6	16.4	18.7	23	24	28	87	90	82
1/2	●	●	●	●	16	3.5	3.2	4.7	5.2	6.1	8.7	9.9	11.9	13.6	16.4	17.6	21	48	50	46
	●	●	●	●	25	4.6	3.2	7.4	8.2	9.5	13.5	15.4	18.6	21	26	27	32	64	67	61
	●	●	●	●	32	5.2	3.6	9.4	10.4	12.2	17.3	19.8	24	27	33	35	41	72	75	68
	●	●	●	●	40	6.2	3.6	11.8	13.1	15.2	22	25	30	34	41	44	52	88	91	83
	●	●	●	●	50	6.7	4.0	14.7	16.3	19.1	27	31	37	42	51	55	65	91	94	86
3/4	●	●	●	●	2.5	4.9	4.4	8.7	9.6	11.2	15.9	18.2	22	25	30	32	38	48	50	46
	●	●	●	●	4.0	6.4	4.4	13.9	15.4	18.0	26	29	35	40	48	52	61	67	70	63
	●	●	●	●	7.0	9.5	5.2	24	27	31	45	51	61	70	84	91	107	89	92	84
1	●	●	●	●	4.2	6.0	5.6	14.6	16.2	18.9	27	31	37	42	51	54	64	48	50	46
	●	●	●	●	7.0	8.3	5.6	24	27	31	45	51	61	70	84	91	107	67	68	62
	●	●	●	●	8.0	9.5	5.6	28	31	36	51	58	70	80	97	104	122	72	81	82
	●	●	●	●	10	11.9	5.6	35	38	45	64	73	88	100	121	130	153	78	90	94
	●	●	●	●	12	11.9	6.4	42	46	54	77	87	105	120	145	155	183	89	92	84

Maximum Free Passage Diameter is the maximum diameter as listed of foreign matter that can pass through the nozzle without clogging.

ORDERING INFO

STANDARD SPRAY NOZZLE			
1/4	BB	10	SS
Inlet Conn.	Nozzle Type	Capacity Size	Material Code

MATERIAL CODE

SS - STAINLESS

SS316 - STAINLESS316

BRASS