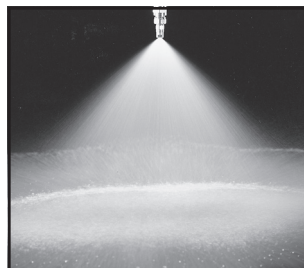




FULLCONE WIDE ANGLE SPRAY NOZZLE



FEATURES AND BENEFITS

- Wide-angle solid cone-shaped spray pattern with round impact area and spray angles from 120° to 125° at 10 psi (0.7 bar).
- 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 screw secures vane in the nozzle to ensure it is not dislodged by vibration.
- Polypropylene material option offers exceptional chemical and corrosion resistance and resists caking and buildup.

BG-W



Three-piece construction
(body/cap/vane)
Removable cap and vane
1/8" to 1/2" NPT or BSPT (F)

BBG-W



Three-piece construction
(body/cap/vane)
Removable cap and vane
1/8" to 1/2" NPT or BSPT (M)

B-W



One-piece body
3/4" to 1" NPT or BSPT (F)

BB-W



One-piece body
1/8" to 1-1/2" NPT or BSPT (M)



FULLCONE WIDE ANGLE SPRAY NOZZLE

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		Fission Type					0.4	0.5	0.7	1	1.5	2	3	4	6	0.4	0.7	6	
	BB	B	BBG	BG																
1/8					1.5W	1.2	.64	—	—	.57	.67	.81	.93	1.1	1.3	1.5	—	120	86	
	●	●	●	●	2.8W	1.6	1.0	—	—	1.1	1.3	1.5	1.7	2.1	2.4	2.9	—	120	102	
	●	●	●	●	4.3W	2.0	1.0	—	—	1.6	1.9	2.3	2.7	3.2	3.7	4.4	—	120	102	
	●	●	●	●	5.6W	2.4	1.0	—	1.8	2.1	2.5	3.0	3.5	4.2	4.8	5.7	—	120	102	
	●	●	●	●	8W	2.4	1.3	—	2.6	3.0	3.6	4.3	4.9	6.0	6.8	8.2	—	120	103	
1/4	●	●	●	●	10W	2.8	1.3	2.9	3.3	3.8	4.5	5.4	6.2	7.4	8.5	10.2	112	120	103	
	●	●	●	●	12W	3.2	1.3	3.5	3.9	4.6	5.4	6.5	7.4	8.9	10.2	12.3	114	120	103	
	●	●	●	●	14W	3.6	1.6	4.1	4.6	5.3	6.3	7.6	8.6	10.4	11.9	14.3	114	120	103	
3/8	●	●	●	●	17W	4.0	1.6	5.0	5.6	6.5	7.6	9.2	10.5	12.7	14.4	17.4	114	120	103	
	●	●	●	●	20W	4.4	2.4	5.9	6.5	7.6	9.0	10.8	12.4	14.9	17.0	20	114	120	104	
	●	●	●	●	24W	4.8	2.4	7.1	7.8	9.1	10.8	13.0	14.8	17.9	20	25	114	120	104	
	●	●	●	●	27W	5.2	2.8	8.0	8.8	10.3	12.1	14.6	16.7	20	23	28	114	120	106	
1/2	●	●	●	●	30W	5.6	2.8	8.8	9.8	11.4	13.5	16.2	18.5	22	25	31	114	120	108	
	●	●	●	●	35W	6.0	3.2	10.3	11.4	13.3	15.7	18.9	22	26	30	36	114	120	108	
	●	●	●	●	40W	6.4	3.2	11.8	13.1	15.2	18.0	22	25	30	34	41	114	120	108	
	●	●	●	●	45W	6.4	3.6	13.3	14.7	17.2	20	24	28	34	38	46	114	120	110	
	●	●	●	●	50W	6.7	4.0	14.7	16.3	19.1	22	27	31	37	42	51	114	120	112	
3/4	●	●		6W	9.9	4.4	21	23	27	31	37	42	51	58	69	115	120	112		
1	●	●		11W	13.1	5.6	38	42	49	57	69	78	93	106	126	117	120	117		
1-1/4	●	●		16W	15.5	6.4	56	62	71	83	100	113	135	154	184	118	121	119		
1-1/2	●	●		24W	18.3	10.3	84	92	107	125	150	170	203	230	275	119	124	119		
2		●		47W	25.0	11.1	164	181	210	245	293	333	398	451	539	120	124	119		
2-1/2		●		70W	31.8	14.3	244	269	312	365	436	495	592	672	803	120	125	119		
3		●		95W	34.9	17.5	331	365	424	496	592	672	803	912	1090	120	125	119		
4		●		188W	50.8	20.6	655	723	838	981	1172	1330	1590	1805	2157	120	125	119		

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	10W	SS
Inlet Conn.	Nozzle Type	Capacity Size	Material Code

MATERIAL CODE

SS - STAINLESS

SS316 - STAINLESS316

BRASS