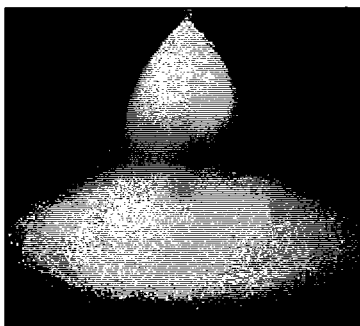


**Appendix E**  
**Product Information**  
**FullJet® Standard Type G Spray Nozzles**

Catalog 70 US Section B B3

**B3 - FullJet® Spray Nozzles, Standard Spray****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.

**G**Removable cap and vane  
1/8" to 1/2" NPT or BSPT (F)**GG**Removable cap and vane  
1/8" to 1/2" NPT or BSPT (M)**H**One-piece body  
3/4" to 1" NPT or BSPT (F)**H**Removable vane/cast body  
1-1/4" to 8" NPT or BSPT (F)**H**Removable vane/Polypropylene  
1-1/2" to 2" NPT or BSPT (F)  
Maximum temperature rating is  
150°F (66°C)**HF**Removable vane/cast body  
4" to 10" flange connection**HH**One-piece body  
1/8" to 1" NPT or BSPT (M)**GD**Wall-mounted  
Removable cap and vane  
1/8" to 1/2" NPT or BSPT (F)

Catalog 70 US Section B B5

**B5 - FullJet® Spray Nozzles, Standard Spray**

**Performance Data**

\*At the stated pressure in psi.

Inlet Conn. (in.)	Nozzle Type									Capacity Size	Orifice Dia. Nom. (in.)	Max. Free Passage Dia. (in.)	Capacity (gallons per minute)*															Spray Angle (°)*		
	Standard Type			Wall Mounted			Angle						5	7	10	20	30	40	60	80	100	150	7	20	80					
	G	GG	H	HH	GD	HD	GGD	GA	GGA																					
1/8	•	•			•				•				1	.031	.025	.07	.08	.10	.14	.17	.19	.23	.26	.29	.35	-	58	53		
	•	•			•				•				1.5	.047	.025	.11	.13	.15	.21	.25	.28	.34	.39	.43	.52	52	65	59		
	•	•			•				•	•	•		2	.047	.040	.15	.17	.20	.28	.33	.38	.46	.52	.58	.70	43	50	46		
	•	•			•				•	•	•		3	.063	.040	.22	.25	.30	.41	.50	.57	.68	.78	.87	1.0	52	65	59		
	•	•			•				•	•	•		3.5	.063	.050	.25	.30	.35	.48	.58	.66	.80	.91	1.0	1.2	43	50	46		
									•	•	•		3.9	.078	.040	.28	.33	.39	.54	.65	.74	.89	1.0	1.1	1.4	77	84	79		
									•	•	•		5	.078	.050	.36	.42	.50	.69	.83	.95	1.1	1.3	1.4	1.7	52	65	59		
1/4								•	•	•		6.1	.094	.050	.44	.52	.61	.84	1.0	1.2	1.4	1.6	1.8	2.1	69	74	68			
	•	•			•			•	•	•		6.5	.094	.063	.47	.55	.65	.89	1.1	1.2	1.5	1.7	1.9	2.3	45	50	46			
	•	•			•			•	•	•		10	.109	.063	.73	.85	1.0	1.4	1.7	1.9	2.3	2.6	2.9	3.5	58	67	61			
3/8								•	•	•		12.5	.125	.063	.91	1.1	1.3	1.7	2.1	2.4	2.9	3.3	3.6	4.3	69	74	68			
	•	•			•			•	•	•		9.5	.109	.094	.69	.81	.95	1.3	1.6	1.8	2.2	2.5	2.7	3.3	45	50	46			
	•	•			•			•	•	•		15	.141	.094	1.1	1.3	1.5	2.1	2.5	2.8	3.4	3.9	4.3	5.2	64	67	61			
1/2								•	•	•		20	.156	.109	1.5	1.7	2.0	2.8	3.3	3.8	4.6	5.2	5.8	7.0	76	80	73			
	•	•			•			•	•	•		22	.188	.109	1.6	1.9	2.2	3.0	3.6	4.2	5.0	5.7	6.3	7.6	87	90	82			
	•	•			•			•	•	•		16	.141	.125	1.2	1.4	1.6	2.2	2.7	3.0	3.6	4.2	4.6	5.6	48	50	46			
	•	•			•			•	•	•		25	.188	.125	1.8	2.1	2.5	3.4	4.1	4.7	5.7	6.5	7.2	8.7	64	67	61			
	•	•			•			•	•	•		32	.203	.141	2.3	2.7	3.2	4.4	5.3	6.1	7.3	8.3	9.2	11.1	72	75	68			
3/4								•	•	•		40	.250	.141	2.9	3.4	4.0	5.5	6.6	7.6	9.1	10.4	11.5	13.9	88	91	83			
								•	•	•		50	.266	.156	3.6	4.2	5.0	6.9	8.3	9.5	11.4	13.0	14.4	17.4	91	94	86			
	•	•			•			•	•	•		2.5	.188	.172	2.1	2.5	2.9	4.1	4.9	5.6	6.7	7.7	8.5	10.2	48	50	46			
1								•	•	•		4.0	.250	.172	3.4	4.0	4.7	6.5	7.8	8.9	10.7	12.3	13.6	16.4	67	70	63			
	•	•			•			•	•	•		7.0	.375	.203	6.0	7.0	8.2	11.3	13.7	15.6	18.8	21	24	29	89	92	84			
	•	•			•			•	•	•		4.2	.234	.219	3.6	4.2	4.9	6.8	8.2	9.4	11.3	12.9	14.3	17.2	48	50	46			
	•	•			•			•	•	•		7.0	.328	.219	6.0	7.0	8.2	11.3	13.7	15.6	18.8	21	24	29	67	68	62			
	•	•			•			•	•	•		8.0	.375	.219	6.9	8.0	9.4	13.0	15.6	17.8	21	25	27	33	72	81	82			
								•	•	•		10	.469	.219	8.6	10.0	11.8	16.2	19.5	22	27	31	34	41	78	90	94			
								•	•	•		12	.469	.250	10.3	12.0	14.1	19.4	23	27	32	37	41	49	89	92	84			

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