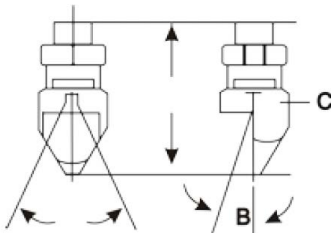


FLAT SPRAY NOZZLES

■ PERFORMANCE DATA: NARROW ANGLE SPRAY

Spray Angle at 40 psi	Nozzle Type	Inlet Conn.(in.)					Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)						Spray Angle (°)			Dimensions			
	NPP	1/8	1/4	3/8	1/2	3/4			10 psi	20 psi	40 psi	80 psi	100 psi	150 psi	15 psi	40 psi	100 psi	A Length (in.)	B Deflection Angle (°)	Net Weight (oz.)	
50°	•		•				05	.052	.31	.35	.50	.71	.79	.97	33	50	60	1-7/32	60	1	
	•		•				10	.074	.61	.71	1.0	1.4	1.6	1.9	34	50	60	1-7/32	60	1	
	•		•	•			25	.117	1.5	1.8	2.5	3.5	4.0	4.8	42	50	59	1-5/8	42	3	
	•		•	•			40	.148	2.4	2.8	4.0	5.7	6.3	7.7	39	50	60	1-27/32	45	3	
	•			•			60	.181	3.7	4.2	6.0	8.5	9.5	11.6	42	50	53	2-5/32	37	5	
	•			•			100	.234	6.1	7.1	10.0	14.1	15.8	19.4	43	50	55	2-27/32	40	11.5	
	•			•			125	.261	7.7	8.8	12.5	17.7	19.8	24	38	50	59	2-27/32	38	11	
	•			•			160	.296	9.8	11.3	16.0	23	25	31	44	50	55	2-27/32	37	11	
	•			•			200	.331	12.2	14.1	20	28	32	39	46	50	53	2-27/32	32	11	
40°	•			•			40	.148	2.4	2.8	4.0	5.7	6.3	7.7	31	40	50	2-3/8	35	5	
	•			•			50	.165	3.1	3.5	5.0	7.1	7.9	9.7	31	40	49	2-1/2	33	7	
	•			•			60	.181	3.7	4.2	6.0	8.5	9.5	11.6	32	40	49	2-27/32	33	8	
	•			•			70	.196	4.3	4.9	7.0	9.9	11.1	13.6	32	40	49	2-31/32	29	9	
	•			•			80	.209	4.9	5.7	8.0	11.3	12.6	15.5	32	40	48	3-1/32	26	9	
	•			•			90	.222	5.5	6.4	9.0	12.7	14.2	17.4	34	40	44	3-1/32	28	8	
	•			•			100	.234	6.1	7.1	10.0	14.1	15.8	19.4	35	40	44	3-13/32	28	9	



■ ORDERING INFO

Unit Formula Complete Nozzle				
NPP Nozzle Type	-	50 Spray Angle	40 Capacity	- 1/4 Inlet Connection - SS Material

Available materials: Brass (leave blank), 303/304 Stainless (SS), 316L Stainless (316)

FLAT SPRAY NOZZLES

■ PERFORMANCE DATA: NARROW ANGLE SPRAY

Spray Angle at 40 psi	Nozzle Type	Inlet Conn.(in.)					Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)						Spray Angle (°)			Dimensions			
	NPP	1/8	1/4	3/8	1/2	3/4			10 psi	20 psi	40 psi	80 psi	100 psi	150 psi	15 psi	40 psi	100 psi	A Length (in.)	B Deflection Angle (°)	Net Weight (oz.)	
35°	•	•					04	.047	.24	.28	.40	.57	.63	.77	20	35	41	29/32	40	.5	
	•		•				10	.074	.61	.71	1.0	1.4	1.6	1.9	18	35	39	1-7/16	36	2	
	•		•	•			20	.105	1.2	1.4	2.0	2.8	3.2	3.9	24	35	40	1-21/32	30	2	
	•			•			25	.117	1.5	1.8	2.5	3.5	4.0	4.8	24	35	39	1-15/16	28	3	
	•			•			30	.128	1.8	2.1	3.0	4.2	4.7	5.8	26	35	41	2-1/16	28	3	
	•			•			40	.148	2.4	2.8	4.0	5.7	6.3	7.7	28	35	38	2-9/32	26	4	
	•			•			50	.165	3.1	3.5	5.0	7.1	7.9	9.7	31	35	38	2-1/2	23	5	
	•				•		60	.181	3.7	4.2	6.0	8.5	9.5	11.6	29	35	39	2-7/8	27	8	
	•				•		80	.209	4.9	5.7	8.0	11.3	12.6	15.5	26	35	40	3-3/16	24	9	
	•				•		100	.234	6.1	7.1	10.0	14.1	15.8	19.4	26	35	40	3-1/2	19	9	
	•					•	160	.296	9.8	11.3	16.0	23	25	31	26	35	40	4-1/2	23	20	
	•					•	200	.331	12.2	14.1	20	28	32	39	25	35	40	4-13/16	22	20	
25°	•		•				40	.148	2.4	2.8	4.0	5.7	6.3	7.7	15	25	34	2-9/16	25	4	
15°	•		•				10	.074	—	.71	1.0	1.4	1.6	1.9	—	15	23	1-7/8	22	2	
	•		•				20	.105	—	1.4	2.0	2.8	3.2	3.9	—	15	19	2-1/8	19	2	
	•			•			30	.128	1.8	2.1	3.0	4.2	4.7	5.8	6	15	24	2-27/32	25	4	
	•			•			40	.148	2.4	2.8	4.0	5.7	6.3	7.7	8	15	21	3-5/8	18	8	
	•			•			50	.165	3.1	3.5	5.0	7.1	7.9	9.7	9	15	20	3-9/16	15	6	
	•				•		60	.181	3.7	4.2	6.0	8.5	9.5	11.6	10	15	19	4-15/16	14	12	
	•				•		80	.209	4.9	5.7	8.0	11.3	12.6	15.5	11	15	18	5-1/8	14	12	
	•				•		100	.234	6.1	7.1	10.0	14.1	15.8	19.4	11	15	18	5-5/32	14	14	
	•					•	200	.331	12.2	14.1	20	28	32	39	12	15	18	6-1/2	14	26	