

ATOMIZING SPRAY (AS) NOZZLES

■ PERFORMANCE DATA: STANDARD ANGLE SPRAY

Inlet Conn. (in.)	Spray Angle at 40 psi					Capacity Size	Orifice Dia. Nom. (in.)	Core No.	Flow Rate Capacity (gallons per hour)										Spray Angle (°)		
	NPFAS	NPMAS	NPFA	NPMA	NPM				30 psi	40 psi	60 psi	100 psi	200 psi	300 psi	500 psi	700 psi	1000 psi	40 psi	80 psi	300 psi	
1/4	•	•				.30	.016	106	–	–	–	–	–	.82	1.1	1.3	1.5	–	–	51	
	•	•				.40	.016	108	–	–	–	–	–	1.1	1.4	1.7	2.0	–	–	58	
	•					.50	.016	109	–	–	–	–	1.1	1.4	1.8	2.1	2.5	–	–	63	
	•	•	•	•	•	.60	.016	206	–	–	–	.95	1.3	1.6	2.1	2.5	3.0	–	35	65	
	•	•	•	•	•	1	.020	210	–	1.0	1.2	1.6	2.2	2.7	3.5	4.2	5.0	45	62	72	
	•	•	•	•	•	1.5	.020	216	1.3	1.5	1.8	2.4	3.4	4.1	5.3	6.3	7.5	65	70	72	
	•	•	•	•	•	2	.028	216	1.7	2.0	2.4	3.2	4.5	5.5	7.1	8.4	10.0	70	75	77	
	•	•	•	•	•	3	.028	220	2.6	3.0	3.7	4.7	6.7	8.2	10.6	12.5	15.0	65	70	73	
	•	•	•	•	•	4	.042	220	3.5	4.0	4.9	6.3	8.9	11.0	14.1	16.7	20	72	81	84	
	•	•	•	•	•	6	.042	225	5.2	6.0	7.3	9.5	13.4	16.4	21	25	30	73	79	81	
	•	•	•	•	•	8	.060	225	6.9	8.0	9.8	12.6	17.9	22	28	33	40	85	89	91	
	•	•	•	•	•	10	.064	420	8.7	10.0	12.2	15.8	22	27	35	42	50	82	84	86	
	•	•	•	•	•	12	.076	420	10.4	12.0	14.7	19.0	27	33	42	50	60	78	82	85	
	•	•	•	•	•	14	.076	421	12.1	14.0	17.1	22	31	38	49	59	70	85	88	90	
			•	•		16	.086	421	13.9	16.0	19.6	25	36	44	57	67	80	83	86	88	
	•	•	•	•	•	18	.076	422	15.6	18.0	22	28	40	49	64	75	90	81	84	86	
	•				•	20	.081	422	17.3	20	24	32	45	55	71	84	100	75	78	80	
	•	•	•	•	•	22	.076	625	19.1	22	27	35	49	60	78	92	110	70	72	75	
	•	•	•	•	•	26	.086	625	23	26	32	41	58	71	92	109	130	73	74	77	

Maximum operating pressure depends on material and application.

ATOMIZING SPRAY (AS) NOZZLES

■ PERFORMANCE DATA: WIDE ANGLE SPRAY

Inlet Conn. (in.)	Spray Angle at 40 psi				Capacity Size	Orifice Dia. Nom. (in.)	Core No.	Flow Rate Capacity (gallons per hour)				Spray Angle (°)	
	NPFAS-W	NPMAS-W	NPFA-W	NPMA-W				20 psi	30 psi	40 psi	80 psi	40 psi	80 psi
1/4	•	•	•	•	2W	.039	210	—	1.7	2.0	2.8	165	158
	•	•	•	•	3W	.039	216	2.1	2.6	3.0	4.2	157	152
	•	•	•	•	4W	.060	220	2.8	3.5	4.0	5.7	156	155
	•	•	•	•	8W	.060	225	5.7	6.9	8.0	11.3	152	153

■ DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Body Hex. (in.)	Cap Hex. (in.)	Net Weight (oz.)
	NPFAS NPFAS-W	1/4	1.935	13/16	5/8	3.6
	NPMAS NPMAS-W	1/4	2.092	13/16	5/8	3.3

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Body Hex. (in.)	Cap Hex. (in.)	Net Weight (oz.)
	NPFA NPFA-W	1/4	1.313	11/16	5/8	1.9
	NPMA NPMA-W	1/4	1.404	11/16	5/8	1.8
	NPM-	1/4	0.844	9/16	—	0.7

Based on the largest/heaviest version of each type.

■ ORDERING INFO

Unit Formula Complete Nozzle					
NPM Nozzle Type	-	1.5 Capacity	-	1/4 Inlet Connection	- SS Material

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