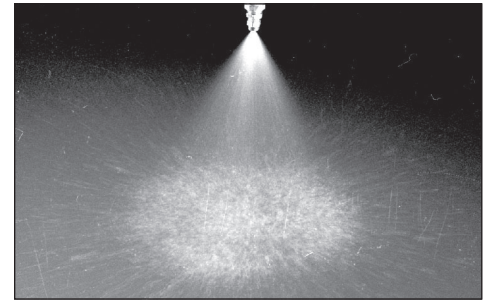
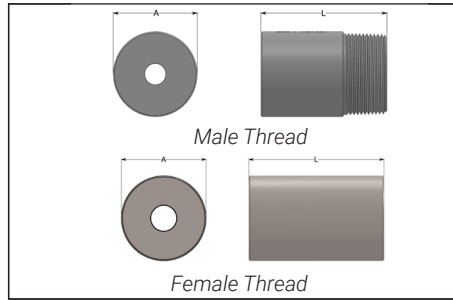
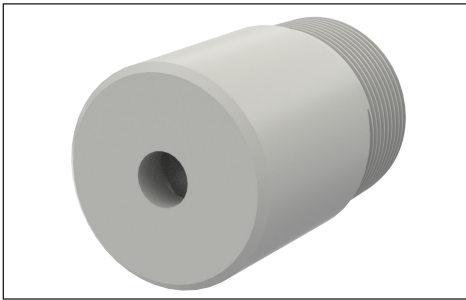




PS SERIES SPRAY NOZZLE

FULL-CONE • THREADED CONNECTION • ONE PIECE



SPRAY CHARACTERISTICS:

A full cone spray pattern with large flow capacities. Standard spray angle is 90° at 40 PSI.

TYPICAL APPLICATIONS:

- High Impact Applications
- Scrubbing and Pollution Control
- Rinsing and Cooling

CONSTRUCTION:

The models listed are machined from plastic and consist of a body plus a non-removable insert. Standard materials are PVC, CPVC, Teflon, and polypropylene.

Female Size	Dim 'A'	Dim 'L'	Male Size	Dim 'A'	Dim 'L'
1¼FPS	3¼	2	1¼PS	3	1¾
1½FPS	4¼	2½	1½PS	4	2
2FPS	5⅞	3	2PS	5⅞	2½
2½FPS	5⅞	3½	2½PS	5⅞	4
3FPS	5⅞	4	3PS	5½	3½

All dimensions are in inches

Model ID		Pipe Size	Max. Free Passage	Capacities at Various Pressures									
Female	Male			3 psi	5 psi	7 psi	10 psi	20 psi	40 psi	60 psi	80 psi	100 psi	
1-1/4FPS17	1-1/4PS17	1-1/4	0.250	9.3	12.0	14.2	17.0	24.0	34	42	48	54	
1-1/4FPS20	1-1/4PS20	1-1/4	0.250	11.0	14.1	16.7	20.0	28.3	40	49	57	63	
1-1/2FPS17	1-1/2PS17	1-1/2	0.250	9.3	12.0	14.2	17.0	24.0	34	42	48	54	
1-1/2FPS19	1-1/2PS19	1-1/2	0.250	10.4	13.4	15.9	19.0	26.9	38	47	54	60	
1-1/2FPS21	1-1/2PS21	1-1/2	0.250	11.5	14.8	17.6	21.0	29.7	42	51	59	66	
1-1/2FPS25	1-1/2PS25	1-1/2	0.313	13.7	17.7	20.9	25.0	35	50	61	71	79	
1-1/2FPS29	1-1/2PS29	1-1/2	0.313	15.9	20.5	24.3	29.0	41	58	71	82	92	
2FPS20	2PS20	2	0.250	11.0	14.1	16.7	20.0	28.3	40	49	57	63	
2FPS25	2PS25	2	0.313	13.7	17.7	20.9	25.0	35	50	61	71	79	
2FPS32	2PS32	2	0.313	17.5	22.6	26.8	32	45	64	78	91	101	
2FPS40	2PS40	2	0.375	21.9	28.3	33	40	57	80	98	113	126	
2FPS48	2PS48	2	0.375	26.3	34	40	48	68	96	118	136	152	
2FPS55	2PS55	2	0.531	30.1	39	46	55	78	110	135	156	174	
2FPS60	2PS60	2	0.531	33	42	50	60	85	120	147	170	190	
2FPS72	2PS72	2	0.563	39	51	60	72	102	144	176	204	228	
2FPS76	2PS76	2	0.563	42	54	64	76	107	152	186	215	240	
2FPS84	2PS84	2	0.625	46	59	70	84	119	168	206	238	266	
2-1/2FPS84	2-1/2PS84	2-1/2	0.625	46	59	70	84	119	168	206	238	266	

* TABLE CONTINUES ON FOLLOWING PAGE



PS SPRAY NOZZLE SPECIFICATIONS
FULL CONE • THREADED CONNECTION • ONE-PIECE CONSTRUCTION

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* TABLE CONTINUED FROM PREVIOUS PAGE

Model ID		Pipe Size	Max. Free Passage	Capacities at Various Pressures								
Female	Male			3 psi	5 psi	7 psi	10 psi	20 psi	40 psi	60 psi	80 psi	100 psi
2-1/2FPS96	2-1/2PS96	2-1/2	0.688	53	68	80	96	136	192	235	272	304
2-1/2FPS108	2-1/2PS108	2-1/2	0.688	59	76	90	108	153	216	265	305	342
3FPS70	3PS70	3	0.563	38	49	59	70	99	140	171	198	221
3FPS100	3PS100	3	0.688	55	71	84	100	141	200	245	283	316
3FPS115	3PS115	3	0.688	63	81	96	115	163	230	282	325	364
3FPS140	3PS140	3	0.813	77	99	117	140	198	280	343	396	443

