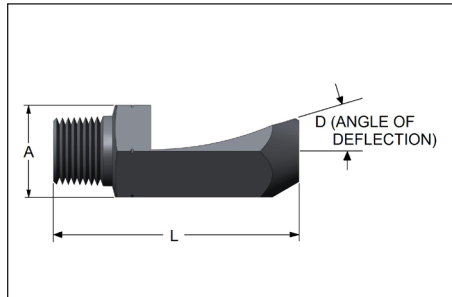




FP SERIES SPRAY NOZZLE

FLAT SPRAY • THREADED CONNECTION



SPRAY CHARACTERISTICS:

A flat and thin fan-shaped spray with sharp definition on all edges. This spray delivers very high impact over the area covered. The spray is deflected by angle D away from the centerline of the spray nozzle.

CONSTRUCTION:

The models listed are machined from bar stock, and are one piece destruction. Standard materials are brass, 303 stainless steel and 316 stainless steel.

TYPICAL APPLICATIONS:

- High Impact Applications
- Metal Wash
- Gravel Washing
- Vehicle Washing

Model ID	Orifice Diameter	Angle 'D' at 40 psi	Dimensions		Capacities at Various Pressures										Spray Angle @		
			Material Size (A)	Length (L)	1.0 bar	1.5 bar	2 bar	2.5 bar	3 bar	4 bar	5 bar	6 bar	7 bar	1.0 bar	3 bar	7 bar	
1/8FP5001	0.61	40	12.7	21.4	0.060	0.279	0.32	0.36	0.39	0.46	0.51	0.56	0.60	30	50	58	
1/4FP50025	0.97	41	17.5	26.6	0.57	0.70	0.81	0.90	0.99	1.14	1.27	1.40	1.51	29	50	57	
1/4FP5005	1.37	41	17.5	28.6	1.14	1.40	1.61	1.80	1.97	2.28	2.55	2.79	3.01	30	50	59	
1/4FP5010	1.91	52	17.5	32	2.28	2.79	3.2	3.6	3.9	4.6	5.1	5.6	6.0	32	50	59	
1/4FP5025	3.00	40	17.5	33	5.7	7.0	8.1	9.0	9.9	11.4	12.7	14.0	15.1	41	50	58	
3/8FP5025	3.00	40	17.5	35	5.7	7.0	8.1	9.0	9.9	11.4	12.7	14.0	15.1	41	50	58	
1/4FP5040	3.78	45	22.2	48	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	24.1	42	50	59	
3/8FP5040	3.78	44	22.2	48	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	24.1	40	50	59	
3/8FP5060	4.65	40	22.2	30.2	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33	36	41	50	52	
3/8FP50100	5.99	38	32	70	22.8	27.9	32	36	39	46	51	56	60	44	50	54	
3/8FP50125	6.76	34	32	67	28.5	35	40	45	49	57	64	70	75	39	50	57	
3/8FP50160	7.57	37	32	68	36	45	52	58	63	73	82	89	96	46	50	55	
3/8FP50200	8.33	33	35	73	46	56	64	72	79	91	102	112	121	47	50	55	
3/8FP4040	3.78	34	22.2	53	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	24.1	30	40	48	
3/8FP4050	4.24	32	32	65	11.4	14.0	16.1	18.0	19.7	22.8	25.5	27.9	30.1	30	40	47	
3/8FP4060	4.65	31	28.6	72	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33	36	31	40	50	
3/8FP4070	5.00	28	32	75	16.0	19.5	22.6	25.2	27.6	32	36	39	42	33	40	50	
3/8FP4080	5.36	28	32	75	18.2	22.3	25.8	28.8	31.6	36	41	45	48	33	40	48	
3/8FP4090	5.79	28	32	75	20.5	25.1	29.0	32	36	41	46	50	54	34	40	46	
3/8FP40100	5.99	31	32	79	22.8	27.9	32	36	39	46	51	56	60	34	40	46	
1/8FP3504	1.19	36	11.1	23.8	0.91	1.12	1.29	1.44	1.58	1.82	2.04	2.23	2.41	20	35	41	
1/4FP3510	1.91	37	17.5	37	2.28	2.79	3.2	3.6	3.9	4.6	5.1	5.6	6.0	18	35	38	
1/4FP3520	2.67	30	17.5	40	4.6	5.6	6.4	7.2	7.9	9.1	10.2	11.2	12.1	25	35	42	

* TABLE CONTINUES ON FOLLOWING PAGE



FP SPRAY NOZZLE SPECIFICATIONS
FLAT SPRAY • THREADED CONNECTION

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Model ID	Orifice Diameter	Angle 'D' at 40 psi	Dimensions		Capacities at Various Pressures										Spray Angle @		
			Material Size (A)	Length (L)	1.0 bar	1.5 bar	2 bar	2.5 bar	3 bar	4 bar	5 bar	6 bar	7 bar	1.0 bar	3 bar	7 bar	
3/8FP3520	2.67	32	17.5	41	4.6	5.6	6.4	7.2	7.9	9.1	10.2	11.2	12.1	25	35	42	
3/8FP3525	2.97	29	17.5	44	5.7	7.0	8.1	9.0	9.9	11.4	12.7	14.0	15.1	24	35	41	
3/8FP3530	3.25	28	22.2	54	6.8	8.4	9.7	10.8	11.8	13.7	15.3	16.7	18.1	25	35	42	
1/4FP3540	3.78	31	22.2	60	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	24.1	29	35	42	
3/8FP3540	3.78	31	22.2	60	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	24.1	29	35	42	
3/8FP3550	4.24	26	25.4	67	11.4	14.0	16.1	18.0	19.7	22.8	25.5	27.9	30.1	30	35	40	
1/2FP3560	4.65	29	27.0	73	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33	36	27	35	40	
1/2FP3580	5.36	22	32	84	18.2	22.3	25.8	28.8	31.6	36	41	45	48	25	35	38	
1/2FP35100	5.61	24	32	89	22.8	27.9	32	36	39	46	51	56	60	25	35	40	
3/4FP35160	7.49	22	32	112	36	45	52	58	63	73	82	89	96	26	35	39	
3/4FP35200	8.33	24	32	110	46	56	64	72	79	91	102	112	121	31	35	42	
1/4FP2540	3.78	24	22.2	64	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	24.1	22	25	27	
1/4FP1510	1.91	22	17.5	49	2.28	2.79	3.2	3.6	3.9	4.6	5.1	5.6	6.0	--	15	21	
1/4FP1520	2.67	20	17.5	57	4.6	5.6	6.4	7.2	7.9	9.1	10.2	11.2	12.1	--	15	18	
3/8FP1530	3.28	20	22.2	72	6.8	8.4	9.7	10.8	11.8	13.7	15.3	16.7	18.1	8	15	24	
3/8FP1540	3.78	13	22.2	95	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	24.1	8	15	20	
3/8FP1550	4.24	14	22.2	92	11.4	14.0	16.1	18.0	19.7	22.8	25.5	27.9	30.1	8	15	22	
1/2FP1560	4.65	14	25.4	125	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33	36	11	15	18	
1/2FP1580	5.54	14	28.6	130	18.2	22.3	25.8	28.8	31.6	36	41	45	48	11	15	18	
1/2FP15100	5.99	15	28.6	138	22.8	27.9	32	36	39	46	51	56	60	11	15	17	
3/4FP15200	8.46	15	38	192	46	56	64	72	79	91	102	112	121	11	15	17	
3/4FP15300	10.36	15	44	190	68	84	97	108	118	137	153	167	181	12	15	18	