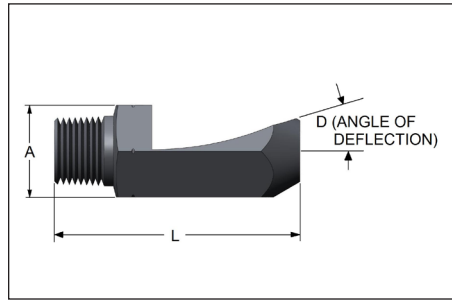




FP SERIES SPRAY NOZZLE

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)	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	150 psi	15 psi	40 psi	100 psi
1/8FP5001	0.024	40	0.50	0.84	0.061	0.071	0.087	0.100	0.122	0.141	0.158	0.194	30	50	58
1/4FP50025	0.038	41	0.69	1.05	0.153	0.177	0.216	0.250	0.306	0.35	0.40	0.48	29	50	57
1/4FP5005	0.054	41	0.69	1.12	0.306	0.35	0.43	0.50	0.61	0.71	0.79	0.97	30	50	59
1/4FP5010	0.075	52	0.69	1.25	0.61	0.71	0.87	1.00	1.22	1.41	1.58	1.94	32	50	59
1/4FP5025	0.118	40	0.69	1.31	1.53	1.77	2.17	2.50	3.06	3.5	4.0	4.8	41	50	58
3/8FP5025	0.118	40	0.69	1.38	1.53	1.77	2.17	2.50	3.06	3.5	4.0	4.8	41	50	58
1/4FP5040	0.149	45	0.88	1.88	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	42	50	59
3/8FP5040	0.149	44	0.88	1.91	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	40	50	59
3/8FP5060	0.183	40	0.88	1.19	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	41	50	52
3/8FP50100	0.236	38	1.25	2.75	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	44	50	54
3/8FP50125	0.266	34	1.25	2.62	7.7	8.8	10.8	12.5	15.3	17.7	19.8	24.2	39	50	57
3/8FP50160	0.298	37	1.25	2.69	9.8	11.3	13.9	16.0	19.6	22.6	25.3	31.0	46	50	55
3/8FP50200	0.328	33	1.38	2.88	12.2	14.1	17.3	20.0	24.5	28.3	32	39	47	50	55
3/8FP4040	0.149	34	0.88	2.09	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	30	40	48
3/8FP4050	0.167	32	1.25	2.56	3.06	3.5	4.3	5.0	6.1	7.1	7.9	9.7	30	40	47
3/8FP4060	0.183	31	1.12	2.84	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	31	40	50
3/8FP4070	0.197	28	1.25	2.94	4.3	4.9	6.1	7.0	8.6	9.9	11.1	13.6	33	40	50
3/8FP4080	0.211	28	1.25	2.94	4.9	5.7	6.9	8.0	9.8	11.3	12.6	15.5	33	40	48
3/8FP4090	0.228	28	1.25	2.94	5.5	6.4	7.8	9.0	11.0	12.7	14.2	17.4	34	40	46
3/8FP40100	0.236	31	1.25	3.12	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	34	40	46
1/8FP3504	0.047	36	0.44	0.94	0.245	0.283	0.35	0.40	0.49	0.57	0.63	0.77	20	35	41
1/4FP3510	0.075	37	0.69	1.44	0.61	0.71	0.87	1.00	1.22	1.41	1.58	1.94	18	35	38
1/4FP3520	0.105	30	0.69	1.56	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	25	35	42

* TABLE CONTINUES ON FOLLOWING PAGE



Model ID	Orifice Diameter	Angle 'D' at 40 psi	Dimensions		Capacities at Various Pressures								Spray Angle @		
			Material Size (A)	Length (L)	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	150 psi	15 psi	40 psi	100 psi
3/8FP3520	0.105	32	0.69	1.62	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	25	35	42
3/8FP3525	0.117	29	0.69	1.72	1.53	1.77	2.17	2.50	3.06	3.5	4.0	4.8	24	35	41
3/8FP3530	0.128	28	0.88	2.12	1.84	2.12	2.60	3.00	3.7	4.2	4.7	5.8	25	35	42
1/4FP3540	0.149	31	0.88	2.34	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	29	35	42
3/8FP3540	0.149	31	0.88	2.34	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	29	35	42
3/8FP3550	0.167	26	1.00	2.62	3.06	3.5	4.3	5.0	6.1	7.1	7.9	9.7	30	35	40
1/2FP3560	0.183	29	1.06	2.88	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	27	35	40
1/2FP3580	0.211	22	1.25	3.3	4.9	5.7	6.9	8.0	9.8	11.3	12.6	15.5	25	35	38
1/2FP35100	0.221	24	1.25	3.5	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	25	35	40
3/4FP35160	0.295	22	1.25	4.4	9.8	11.3	13.9	16.0	19.6	22.6	25.3	31.0	26	35	39
3/4FP35200	0.328	24	1.25	4.3	12.2	14.1	17.3	20.0	24.5	28.3	32	39	31	35	42
1/4FP2540	0.149	24	0.88	2.50	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	22	25	27
1/4FP1510	0.075	22	0.69	1.94	0.61	0.71	0.87	1.00	1.22	1.41	1.58	1.94	--	15	21
1/4FP1520	0.105	20	0.69	2.25	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	--	15	18
3/8FP1530	0.129	20	0.88	2.84	1.84	2.12	2.60	3.00	3.7	4.2	4.7	5.8	8	15	24
3/8FP1540	0.149	13	0.88	3.8	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	8	15	20
3/8FP1550	0.167	14	0.88	3.6	3.06	3.5	4.3	5.0	6.1	7.1	7.9	9.7	8	15	22
1/2FP1560	0.183	14	1.00	4.9	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	11	15	18
1/2FP1580	0.218	14	1.12	5.1	4.9	5.7	6.9	8.0	9.8	11.3	12.6	15.5	11	15	18
1/2FP15100	0.236	15	1.12	5.4	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	11	15	17
3/4FP15200	0.333	15	1.50	7.6	12.2	14.1	17.3	20.0	24.5	28.3	32	39	11	15	17
3/4FP15300	0.408	15	1.75	7.5	18.4	21.2	26.0	30.0	37	42	47	58	12	15	18