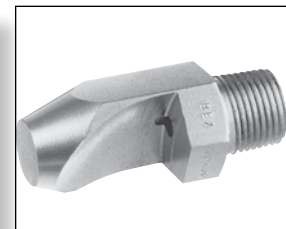
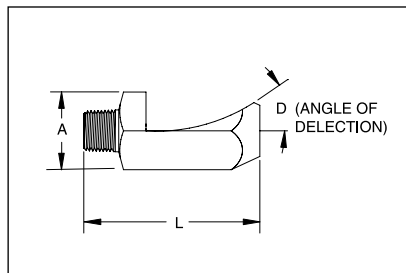




FP SERIES NOZZLE SPECIFICATIONS



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 construction. Standard materials are brass, 303 stainless steel and 316 stainless steel.

TYPICAL APPLICATIONS:

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

Spray Angle @ 40 psi	Model	Orifice Diameter (in)	Angle 'D' @ 40 psi	DIMENSIONS		CAPACITY AT VARIOUS PRESSURES (USGPM)										SPRAY ANGLE @ (degrees)		
				A	L	15	20	30	40	60	80	100	150	15	40	100		
				(in)	(in)	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi		
50	1/8FP5001	0.024	40	0.500	0.844	0.06	0.07	0.09	0.10	0.12	0.14	0.16	0.19	30	50	58		
	1/8FP50025	0.038	41	0.688	1.047	0.15	0.18	0.22	0.25	0.31	0.35	0.40	0.48	29	50	57		
	1/4FP5005	0.054	41	0.688	1.125	0.31	0.35	0.43	0.50	0.61	0.71	0.79	0.97	30	50	59		
	1/4FP5010	0.075	52	0.688	1.250	0.61	0.71	0.87	1.00	1.22	1.41	1.58	1.94	32	50	59		
	1/4FP5025	0.118	40	0.688	1.312	1.53	1.77	2.17	2.50	3.06	3.5	4.0	4.8	41	50	58		
	3/8FP5025	0.118	40	0.688	1.375	1.53	1.77	2.17	2.50	3.06	3.5	4.0	4.8	41	50	58		
	1/2FP5040	0.149	45	0.875	1.875	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	42	50	59		
	3/4FP5040	0.149	44	0.875	1.906	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	40	50	59		
	1FP5060	0.183	40	0.875	1.188	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	41	50	52		
	1 1/2FP50100	0.236	38	1.250	2.750	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	44	50	54		
40	1 1/2FP50125	0.266	34	1.250	2.625	7.7	8.8	10.8	12.5	15.3	17.7	19.8	24.2	39	50	57		
	1 1/2FP50160	0.298	37	1.250	2.688	9.8	11.3	13.9	16.0	19.6	22.6	25.3	31.0	46	50	55		
	1 1/2FP50200	0.328	33	1.375	2.875	12.2	14.1	17.3	20.0	24.5	28.3	32	39	47	50	55		
	3/4FP4040	0.149	34	0.875	2.094	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	29	40	48		
	1/2FP4050	0.167	32	1.250	2.562	3.06	3.5	4.3	5.0	6.1	7.1	7.9	9.7	30	40	47		
	1/2FP4060	0.183	31	1.125	2.844	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	31	40	50		
	1/2FP4070	0.197	28	1.250	2.938	4.3	4.9	6.1	7.0	8.6	9.9	11.1	13.6	33	40	50		
	1/2FP4080	0.211	28	1.250	2.938	4.9	5.7	6.9	8.0	9.8	11.3	12.6	15.5	33	40	48		
	1/2FP4090	0.228	28	1.250	2.938	5.5	6.4	7.8	9.0	11.0	12.7	14.2	17.4	34	40	46		
	1 1/2FP40100	0.236	31	1.250	3.125	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	34	40	46		
35	1/8FP3504	0.047	36	0.438	0.938	0.25	0.28	0.35	0.40	0.49	0.57	0.63	0.77	20	35	41		
	1/8FP3510	0.075	37	0.688	1.438	0.61	0.71	0.87	1.00	1.22	1.41	1.58	1.94	18	35	38		
	1/4FP3520	0.105	30	0.688	1.562	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	25	35	42		
	3/8FP3520	0.105	32	0.688	1.625	1.22	1.41	1.73	2.00	2.45	2.83	3.2	3.9	25	35	42		
	1/2FP3525	0.117	29	0.688	1.719	1.53	1.77	2.17	2.50	3.06	3.5	4.0	4.8	24	35	41		
	3/4FP3530	0.128	28	0.875	2.125	1.84	2.12	2.60	3.00	3.7	4.2	4.7	5.8	25	35	42		
	1FP3540	0.149	31	0.875	2.344	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	29	35	42		
	1 1/2FP3540	0.149	31	0.875	2.344	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	29	35	42		
	1 1/2FP3550	0.167	26	1.000	2.625	3.06	3.5	4.3	5.0	6.1	7.1	7.9	9.7	30	35	40		
	1 1/2FP3560	0.183	29	1.062	2.875	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	27	35	40		
25	1 1/2FP3580	0.211	22	1.250	3.312	4.9	5.7	6.9	8.0	9.8	11.3	12.6	15.5	25	35	38		
	1 1/2FP35100	0.221	24	1.250	3.500	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	25	35	40		
	1 1/2FP35160	0.295	22	1.250	4.406	9.8	11.3	13.9	16.0	19.6	22.6	25.3	31.0	26	35	39		
	1 1/2FP35200	0.328	24	1.250	4.344	12.2	14.1	17.3	20.0	24.5	28.3	32	39	31	35	42		
	1/4FP2540	0.149	24	0.875	2.5	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	22	25	27		
	15	1/8FP1510	0.075	22	0.688	1.938	0.61	0.71	0.87	1.00	1.22	1.41	1.58	1.94	--	15	21	
		1/8FP1520	0.105	20	0.688	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	0.875	2.844	1.84	2.12	2.60	3.00	3.7	4.2	4.7	5.8	8	15	24	
		1/2FP1540	0.149	13	0.875	3.75	2.45	2.83	3.5	4.0	4.9	5.7	6.3	7.7	8	15	20	
		3/4FP1550	0.167	14	0.875	3.625	3.06	3.5	4.3	5.0	6.1	7.1	7.9	9.7	8	15	22	
1FP1560		0.183	14	1.000	4.938	3.7	4.2	5.2	6.0	7.3	8.5	9.5	11.6	11	15	18		
1 1/2FP1580		0.218	14	1.125	5.125	4.9	5.7	6.9	8.0	9.8	11.3	12.6	15.5	11	15	18		
1 1/2FP15100		0.236	15	1.125	5.438	6.1	7.1	8.7	10.0	12.2	14.1	15.8	19.4	11	15	17		
1 1/2FP15200		0.333	15	1.500	7.562	12.2	14.1	17.3	20.0	24.5	28.3	32	39	11	15	17		
1 1/2FP15300		0.408	15	1.750	7.5	18.4	21.2	26.0	30.0	37	42	47	58	12	15	18		