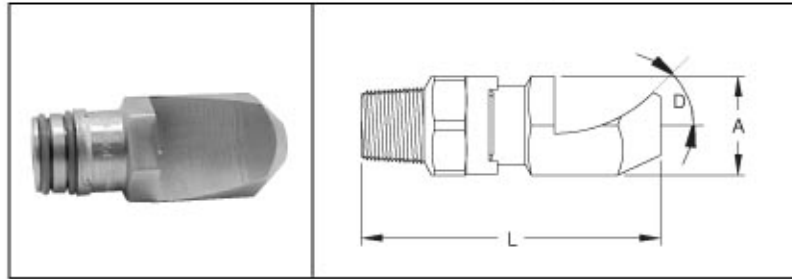


High impact flat spray nozzles

ZFP SERIES



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. Please see page 40 for body styles and adapters.

TYPICAL APPLICATIONS:

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

SPRAY ANGLE @ 3 bar	ZFP MODEL	ZLFP MODEL	ORIFICE DIA. (mm)	ANGLE 'D' @ 3 bar	Dimensions (mm)		CAPACITY (L/min) AT VARIOUS PRESSURES (bar)								SPRAY ANGLE @			
					'A'	'L'	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	4 bar	5 bar	6 bar	1 bar	3 bar	6 bar	
50°	ZFP5001		0.61	40°	17 Hex	21.1	0.23	0.28	0.32	0.36	0.39	0.46	0.51	0.56	30°	50°	58°	
	ZFP50025		0.97	41°	17 Hex	27.3	0.57	0.70	0.81	0.90	0.99	1.14	1.27	1.40	29°	50°	57°	
	ZFP5005		1.35	41°	17 Hex	28.3	1.14	1.40	1.61	1.80	1.97	2.28	2.55	2.79	30°	50°	59°	
	ZFP5010		1.91	52°	17 Hex	31.8	2.28	2.79	3.2	3.6	3.9	4.6	5.1	5.6	32°	50°	59°	
	ZFP5025		3.00	40°	17 Hex	33.3	5.7	7.0	8.1	9.0	9.9	11.4	12.7	14.0	41°	50°	58°	
	ZFP5040		3.78	45°	22 Hex	47.7	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	42°	50°	59°	
	ZFP5060		4.65	40°	22 Hex	55.5	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33	41°	50°	52°	
		ZLFP50100		5.99	38°	31.8Hex	69.9	22.8	27.9	32	36	39	46	51	56	44°	50°	54°
		ZLFP50125		6.76	34°	31.8Hex	65.3	28.5	35	40	45	49	57	64	70	39°	50°	57°
		ZLFP50160		7.57	37°	31.8Hex	67.8	36	45	52	58	63	73	82	89	46°	50°	55°
	ZLFP50200		8.33	33°	34.9Hex	73.0	46	56	64	72	79	91	102	112	47°	50°	55°	
40°	ZFP4040		3.78	34°	22 Hex	53.1	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	29°	40°	48°	
	ZFP4050		4.24	32°	31.8Hex	56.9	11.4	14.0	16.1	18.0	19.7	22.8	25.5	27.9	30°	40°	47°	
	ZFP4060		4.65	31°	28.6Hex	72.2	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33	31°	40°	50°	
	ZFP4070		5.00	28°	31.8Hex	71.9	16.0	19.5	22.6	25.2	27.6	32	36	39	33°	40°	50°	
		ZLFP4080		5.36	28°	31.8Hex	71.9	18.2	22.3	25.8	28.8	32	36	41	45	33°	40°	48°
		ZLFP4090		5.79	28°	31.8Hex	71.9	20.5	25.1	29.0	32	36	41	46	50	34°	40°	46°
		ZLFP40100		5.99	31°	31.8Hex	74.6	22.8	27.9	32	36	39	46	51	56	34°	40°	46°
	35°	ZFP3504		1.19	36°	11 Hex	49.2	0.91	1.12	1.29	1.44	1.58	1.82	2.04	2.23	20°	35°	41°
ZFP3510			1.91	37°	17 Hex	36.5	2.28	2.79	3.2	3.6	3.9	4.6	5.1	5.6	18°	35°	38°	
ZFP3520			2.67	30°	17 Hex	39.4	4.6	5.6	6.4	7.2	7.9	9.1	10.2	11.2	25°	35°	42°	
ZFP3525			2.97	29°	17 Hex	50.8	5.7	7.0	8.1	9.0	9.9	11.4	12.7	14.0	24°	35°	41°	
ZFP3530			3.25	28°	22 Hex	54.2	6.8	8.4	9.7	10.8	11.8	13.7	15.3	16.7	25°	35°	42°	
ZFP3540			3.78	31°	22 Hex	60.4	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	29°	35°	42°	
ZFP3550			4.24	26°	25.4Hex	63.5	11.4	14.0	16.1	18.0	19.7	22.8	25.5	27.9	30°	35°	40°	
ZFP3560			4.65	29°	27 Hex	73.0	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33	27°	35°	40°	
		ZLFP3580		5.36	22°	31.8Hex	79.9	18.2	22.3	25.8	28.8	31.6	36.5	40.8	44.7	25°	35°	38°
		ZLFP35100		5.61	24°	31.8Hex	88.9	22.8	27.9	32	36	39	46	51	56	25°	35°	40°
25°	ZFP2540		3.78	24°	22 Hex	68.2	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	22°	25°	27°	
	ZFP1510		1.91	22°	17 Hex	49.0	2.28	2.79	3.2	3.6	3.9	4.6	5.1	5.6	--	15°	21°	
	ZFP1520		2.67	16°	17 Hex	57.2	4.6	5.6	6.4	7.2	7.9	9.1	10.2	11.2	--	15°	18°	
	ZFP1530		3.28	20°	22 Hex	73.4	6.8	8.4	9.7	10.8	11.8	13.7	15.3	16.7	8°	15°	24°	
	ZFP1540		3.78	13°	22 Hex	95.3	9.1	11.2	12.9	14.4	15.8	18.2	20.4	22.3	8°	15°	20°	
	ZFP1550		4.24	14°	22 Hex	92.1	11.4	14.0	16.1	18.0	19.7	22.8	25.5	27.9	8°	15°	22°	
	ZFP1560		4.65	14°	25.4Hex	111.8	13.7	16.7	19.3	21.6	23.7	27.3	30.6	33	11°	15°	18°	
		ZLFP1580		5.54	14°	28.6Hex	130.2	18.2	22.3	25.8	28.8	32	36	41	45	11°	15°	18°
		ZLFP15100		5.99	15°	28.6Hex	138.1	22.8	27.9	32	36	39	46	51	56	11°	15°	17°
		ZLFP15200		8.46	15°	38.1Hex	189.5	46	56	64	72	79	91	102	112	11°	15°	17°
	ZLFP15300		10.36	15°	44.5Hex	190.5	68	84	97	108	118	137	153	167	12°	15°	18°	

QUICK DISCONNECT