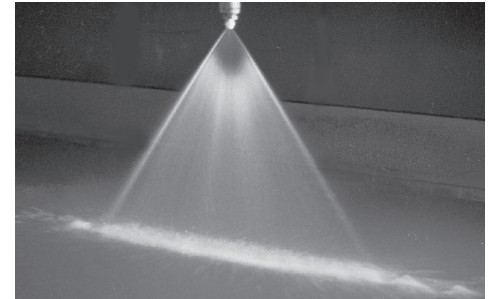
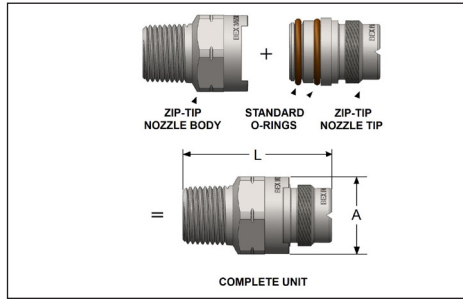




ZF40 SPRAY NOZZLE SPECIFICATIONS

40° SPRAY ANGLE • FLAT SPRAY • QUICK DISCONNECT



Spray angle not exactly as shown

SPRAY CHARACTERISTICS:

ZF40 series spray nozzles produce a flat, fan shaped spray pattern, with a spray angle of 40° at 40 PSI. Spray density tapers off toward the outside of these sprays, to permit overlapping of spray patterns while maintaining uniform spray density.

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. Other materials may be available upon request.

NOZZLE PIPE SIZE	Length 'L' (in)	Dim. 'A' (in)
1/8ZF	1.60	0.97
1/4ZF	1.70	0.97
3/8ZF	1.73	0.97
1/2ZF	1.80	0.97
1/2ZLF	2.11	1.25
3/4ZLF	2.19	1.25

TYPICAL APPLICATIONS:

- Parts Cleaning
- Metal Washing
- Foam control
- Gravel Washing
- Vehicle Washing
- Dishwashers
- Fertilizer spraying

Model ID	Equiv. Orif. Dia.	Capacities at Various Pressures													Spray Angles		
		0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	10 bar	20 bar	30 bar	1.5 bar	3 bar	5 bar
ZF4002	863.60	0.250	0.32	0.38	0.46	0.56	0.64	0.79	0.91	1.02	1.21	1.44	2.04	2.50	26	40	46
ZF4003	1.04	0.37	0.48	0.57	0.68	0.84	0.97	1.18	1.37	1.53	1.81	2.16	3.06	3.7	30	40	45
ZF4004	1.19	0.50	0.64	0.76	0.91	1.12	1.29	1.58	1.82	2.04	2.41	2.88	4.1	5.0	32	40	45
ZF4005	1.35	0.62	0.81	0.95	1.14	1.40	1.61	1.97	2.28	2.55	3.01	3.6	5.1	6.2	35	40	44
ZF4006	1.47	0.75	0.97	1.14	1.37	1.67	1.93	2.37	2.73	3.06	3.6	4.3	6.1	7.5	37	40	44
ZF4008	1.70	1.00	1.29	1.53	1.82	2.23	2.58	3.16	3.6	4.1	4.8	5.8	8.2	10.0	35	40	43
ZF4010	1.91	1.25	1.61	1.91	2.28	2.79	3.2	3.9	4.6	5.1	6.0	7.2	10.2	12.5	30	40	43
ZF4012	2.08	1.50	1.93	2.29	2.73	3.3	3.9	4.7	5.5	6.1	7.2	8.6	12.2	15.0	35	40	41
ZF4015	2.31	1.87	2.42	2.86	3.4	4.2	4.8	5.9	6.8	7.6	9.0	10.8	15.3	18.7	35	40	41
ZF4020	2.67	2.50	3.2	3.8	4.6	5.6	6.4	7.9	9.1	10.2	12.1	14.4	20.4	25.0	33	40	43
ZF4030	3.28	3.7	4.8	5.7	6.8	8.4	9.7	11.8	13.7	15.3	18.1	21.6	30.6	37	34	40	45
ZF4040	3.78	5.0	6.4	7.6	9.1	11.2	12.9	15.8	18.2	20.4	24.1	28.8	41	50	33	40	43
ZF4050	4.24	6.2	8.1	9.5	11.4	14.0	16.1	19.7	22.8	25.5	30.1	36	51	62	35	40	46
ZF4060	4.62	7.5	9.7	11.4	13.7	16.7	19.3	23.7	27.3	30.6	36	43	61	75	37	40	48
ZF4070	5.00	8.7	11.3	13.3	16.0	19.5	22.6	27.6	32	36	42	50	71	87	36	40	47
ZLF4080	5.36	10.0	12.9	15.3	18.2	22.3	25.8	31.6	36	41	48	58	82	100	35	40	46
ZLF40100	5.99	12.5	16.1	19.1	22.8	27.9	32	39	46	51	60	72	102	125	33	40	44

* TABLE CONTINUES ON FOLLOWING PAGE



ZF 40 SPRAY NOZZLE SPECIFICATIONS

40 DEGREE SPRAY ANGLE • FLAT SPRAY • QUICK DISCONNECT CONNECTION

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* TABLE CONTINUED FROM PREVIOUS PAGE

Model ID	Equiv. Orif. Dia.	Capacities at Various Pressures													Spray Angles		
		0.3 bar	0.5 bar	0.7 bar	1.0 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar	10 bar	20 bar	30 bar	1.5 bar	3 bar	5 bar
ZLF40120	6.55	15.0	19.3	22.9	27.3	33	39	47	55	61	72	86	122	150	36	40	43
ZLF40150	7.34	18.7	24.2	28.6	34	42	48	59	68	76	90	108	153	187	36	40	43
ZLF40200	8.46	25.0	32	38	46	56	64	79	91	102	121	144	204	250	37	40	44
ZLF40400	11.84	50	64	76	91	112	129	158	182	204	241	288	408	499	38	40	43

* TABLE CONTINUES ON FOLLOWING PAGE

