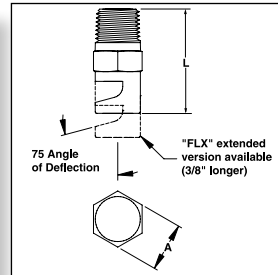




FL LIQUID SERIES SPECIFICATIONS



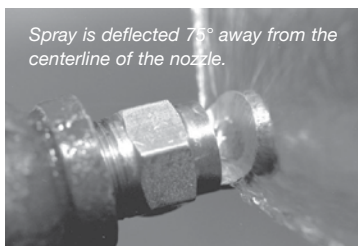
SPRAY CHARACTERISTICS:

A wide, flat fan-shaped spray with low impact. The spray is deflected 75° away from the centerline of the pipe connection, as shown.

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. Some models

are also available in other materials, such as PVC, CPVC, Teflon® and polypropylene.



TYPICAL APPLICATIONS:

Wherever a low impact, wide angle spray is required.

- Rinsing and Cooling
- Dishwashing
- Fertilizer Spraying
- Metal Wash

Model	Orifice Diameter (in)	DIMENSIONS		CAPACITY AT VARIOUS PRESSURES (USGPM)										SPRAY ANGLE					
		A	L	3 psi	5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	3 psi	5 psi	7 psi	10 psi	20 psi	60 psi	
¼FL.25	0.017	0.438 Hex	0.562	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.06	0.07	--	--	--	90	106	120	
¼FL.50	0.024	0.438 Hex	0.562	0.03	0.04	0.04	0.05	0.06	0.07	0.09	0.10	0.12	--	--	65	78	99	120	
¼FL.75	0.029	0.438 Hex	0.812	0.04	0.05	0.06	0.08	0.09	0.11	0.13	0.15	0.18	--	--	72	85	112	140	
¼FL1	0.033	0.438 Hex	0.812	0.06	0.07	0.08	0.10	0.12	0.14	0.17	0.20	0.25	--	--	90	97	135	148	
¼FL1.3	0.038	0.438 Hex	0.812	0.07	0.09	0.11	0.13	0.16	0.18	0.23	0.26	0.32	--	73	80	92	115	134	
¼FL1.5	0.042	0.438 Hex	0.812	0.08	0.11	0.13	0.15	0.18	0.21	0.26	0.30	0.37	57	69	75	87	104	125	
¼FL2	0.047	0.438 Hex	0.812	0.11	0.14	0.17	0.20	0.25	0.28	0.35	0.40	0.49	60	73	82	86	104	125	
¼FL2.5	0.055	0.438 Hex	0.812	0.14	0.18	0.21	0.25	0.31	0.35	0.43	0.50	0.61	79	87	92	101	112	130	
¼FL3	0.059	0.438 Hex	0.812	0.16	0.21	0.25	0.30	0.37	0.42	0.52	0.60	0.73	84	97	106	115	130	140	
¼FL4	0.070	0.438 Hex	0.938	0.22	0.28	0.33	0.40	0.49	0.57	0.69	0.80	0.98	74	87	89	101	116	127	
¼FL5	0.076	0.438 Hex	0.938	0.27	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	78	89	97	103	113	132	
¼FL7.5	0.094	0.438 Hex	0.938	0.41	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.84	98	105	112	120	132	144	
¼FL10	0.110	0.438 Hex	0.938	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	116	125	135	137	144	150	
¼FL12	0.120	0.562 Hex	1.062	0.66	0.85	1.00	1.20	1.47	1.70	2.08	2.40	2.94	98	105	109	118	134	139	
¼FL15	0.129	0.562 Hex	1.062	0.82	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	100	110	115	124	131	139	
¼FL18	0.147	0.562 Hex	1.062	0.99	1.27	1.51	1.80	2.20	2.55	3.12	3.6	4.4	100	112	116	124	135	137	
¼FL20	0.154	0.562 Hex	1.062	1.10	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	115	125	128	134	142	147	
¼FL1.3	0.038	0.562 Hex	0.938	0.07	0.09	0.11	0.13	0.16	0.18	0.23	0.26	0.32	52	62	71	81	97	116	
¼FL1.5	0.042	0.562 Hex	0.938	0.08	0.11	0.13	0.15	0.18	0.21	0.26	0.30	0.37	57	70	77	85	103	122	
¼FL2	0.047	0.562 Hex	0.938	0.11	0.14	0.17	0.20	0.25	0.28	0.35	0.40	0.49	62	76	84	96	110	134	
¼FL2.5	0.055	0.562 Hex	0.938	0.14	0.18	0.21	0.25	0.31	0.35	0.43	0.50	0.61	88	110	114	126	145	152	
¼FL3	0.059	0.562 Hex	0.938	0.16	0.21	0.25	0.30	0.37	0.42	0.52	0.60	0.73	77	91	99	104	128	149	
¼FL4	0.070	0.562 Hex	1.000	0.22	0.28	0.33	0.40	0.49	0.57	0.69	0.80	0.98	65	73	82	87	96	104	
¼FL5	0.076	0.562 Hex	1.000	0.27	0.35	0.42	0.50	0.61	0.71	0.87	1.00	1.22	69	84	89	97	107	124	
¼FL7.5	0.094	0.562 Hex	1.000	0.41	0.53	0.63	0.75	0.92	1.06	1.30	1.50	1.84	90	104	122	133	145	150	
¼FL10	0.110	0.562 Hex	1.000	0.55	0.71	0.84	1.00	1.22	1.41	1.73	2.00	2.45	125	130	134	137	148	156	
¼FL12	0.120	0.562 Hex	1.312	0.66	0.85	1.00	1.20	1.47	1.70	2.08	2.40	2.94	110	115	122	130	141	150	
¼FL15	0.129	0.562 Hex	1.312	0.82	1.06	1.26	1.50	1.84	2.12	2.60	3.00	3.7	90	98	109	125	136	144	
¼FL18	0.147	0.562 Hex	1.312	0.99	1.27	1.51	1.80	2.20	2.55	3.12	3.6	4.4	104	113	118	124	134	138	
¼FL20	0.154	0.562 Hex	1.312	1.10	1.41	1.67	2.00	2.45	2.83	3.5	4.0	4.9	110	119	127	131	136	144	
¼FL22	0.161	0.562 Hex	1.312	1.20	1.56	1.84	2.20	2.69	3.11	3.8	4.4	5.4	97	108	114	120	128	132	
¼FL24	0.169	0.562 Hex	1.312	1.31	1.70	2.01	2.40	2.94	3.4	4.2	4.8	5.9	106	118	121	127	136	154	
¼FL27	0.177	0.562 Hex	1.312	1.48	1.91	2.26	2.70	3.3	3.8	4.7	5.4	6.6	110	120	124	129	139	146	