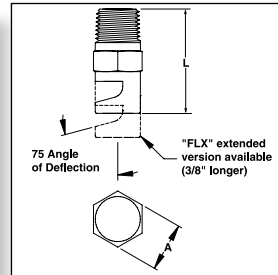




FL LIQUID SERIES SPECIFICATIONS



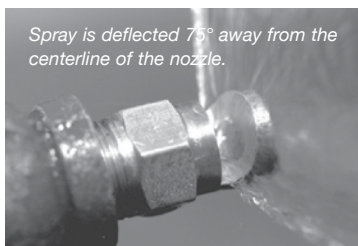
SPRAY CHARACTERISTICS:

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 (in)	L (in)	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	
%FL30	0.188	0.688 Hex	1.500	1.64	2.12	2.51	3.00	3.7	4.2	5.2	6.0	7.3	104	116	121	127	135	138	
%FL35	0.196	0.688 Hex	1.500	1.92	2.47	2.93	3.5	4.3	4.9	6.1	7.0	8.6	104	114	118	126	130	137	
%FL40	0.209	0.688 Hex	1.500	2.19	2.83	3.3	4.0	4.9	5.7	6.9	8.0	9.8	109	115	123	126	135	136	
%FL45	0.228	0.688 Hex	1.500	2.46	3.2	3.8	4.5	5.5	6.4	7.8	9.0	11.0	117	126	134	139	142	144	
½FL40	0.209	0.875 Hex	1.688	2.19	2.83	3.3	4.0	4.9	5.7	6.9	8.0	9.8	106	111	119	124	129	133	
½FL50	0.242	0.875 Hex	1.688	2.74	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	106	122	130	133	139	141	
½FL60	0.266	0.875 Hex	2.000	3.3	4.2	5.0	6.0	7.3	8.5	10.4	12.0	14.7	110	120	124	128	133	138	
½FL70	0.290	0.875 Hex	2.000	3.8	4.9	5.9	7.0	8.6	9.9	12.1	14.0	17.1	105	118	119	121	124	130	
½FL80	0.312	0.875 Hex	2.000	4.4	5.7	6.7	8.0	9.8	11.3	13.9	16.0	19.6	114	116	124	126	130	135	
¾FL90	0.316	1.062 Hex	2.375	4.9	6.4	7.5	9.0	11.0	12.7	15.6	18.0	22.0	104	115	120	121	125	128	
¾FL100	0.344	1.062 Hex	2.375	5.5	7.1	8.4	10.0	12.2	14.1	17.3	20.0	24.5	105	113	115	118	121	125	
¾FL110	0.348	1.062 Hex	2.375	6.0	7.8	9.2	11.0	13.5	15.6	19.1	22.0	26.9	106	110	116	119	120	121	
¾FL120	0.375	1.062 Hex	2.375	6.6	8.5	10.0	12.0	14.7	17.0	20.8	24.0	29.4	119	125	129	131	133	135	
¾FL140	0.402	1.062 Hex	2.625	7.7	9.9	11.7	14.0	17.1	19.8	24.2	28.0	34	115	120	128	133	137	139	
¾FL160	0.430	1.062 Hex	2.625	8.8	11.3	13.4	16.0	19.6	22.6	27.7	32	39	117	122	130	135	139	140	
¾FL180	0.460	1.062 Hex	2.625	9.9	12.7	15.1	18.0	22.0	25.5	31.2	36	44	117	128	131	133	136	136	
¾FL210	0.500	1.062 Hex	2.625	11.5	14.8	17.6	21.0	25.7	29.7	36	42	51	122	127	132	135	136	136	
1FL140	0.402	1.375 Hex	2.812	7.7	9.9	11.7	14.0	17.1	19.8	24.2	28.0	34	117	122	126	130	133	133	
1FL160	0.430	1.375 Hex	1.250	8.8	11.3	13.4	16.0	19.6	22.6	27.7	32	39	117	127	131	135	136	136	
1FL180	0.460	1.375 Hex	1.250	9.9	12.7	15.1	18.0	22.0	25.5	31.2	36	44	117	125	128	132	135	135	
1FL210	0.500	1.500 Hex	2.812	11.5	14.8	17.6	21.0	25.7	29.7	36	42	51	117	122	127	130	133	134	
1FL300	0.578	1.375 Hex	3.375	16.4	21.2	25.1	30.0	37	42	52	60	73	114	118	120	123	124	124	
1FL450	0.704	1.375 Hex	3.375	24.6	32	38	45	55	64	78	90	110	128	138	139	142	144	144	