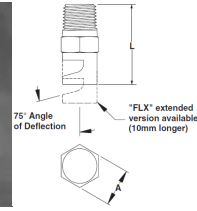


Threaded Nozzles – Flat Spray Series FL



FL Nozzles Air and Steam 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 Number	Thread BSPT	Equiv. Orifice Diameter (mm)	Air Capacity (L/min)					Steam Capacity (kg/h)					COVERAGE AT 15cm DISTANCE FROM THE NOZZLE	
			0.7 bar	1.5 bar	3 bar	4 bar	5 bar	0.7 bar	1.5 bar	3 bar	4 bar	5 bar	0.7 bar	1 bar
FL.25	1/8" - 1/4"	0.43	1.7	4	6.6	8.3	10	0.12	0.17	0.29	0.36	0.43	5	11
FL.50	1/8" - 1/4"	0.61	3.1	7.6	12.8	16	19.2	0.25	0.36	0.6	0.75	0.9	5	13
FL.75	1/8" - 1/4"	0.74	4.8	11	18.5	23.2	27.8	0.38	0.53	0.89	1.1	1.3	6	15
FL1	1/8" - 1/4"	0.84	6.2	14.4	24.2	30.3	36.3	0.49	0.69	1.2	1.4	1.7	8	15
FL1.3	1/8" - 1/4"	0.97	8.2	19.3	32.3	40	48	1	0.9	1.5	1.9	2.3	8	17
FL1.5	1/8" - 1/4"	1.07	9.9	23.5	39	49	59	1	1.1	1.9	2.4	2.9	9	17
FL2	1/8" - 1/4"	1.19	12.5	29.2	49	61	73	1	1.5	2.4	3	3.7	9	19
FL2.5	1/8" - 1/4"	1.4	17	40	67	84	101	1	2	3.4	4.2	5	10	19
FL3	1/8" - 1/4"	1.5	19.5	46	77	97	116	2	2.3	3.8	4.8	5.7	13	20
FL4	1/8" - 1/4"	1.78	27.7	65	109	137	164	2	3.3	5.5	6.9	8.2	13	23
FL5	1/8" - 1/4"	1.93	33	76	128	160	192	3	3.9	6.5	8.1	10	15	25
FL7.5	1/8" - 1/4"	2.39	50	119	199	249	299	4	5.9	10	12	15	17	25
FL10	1/8" - 1/4"	2.79	68	161	271	338	406	6	8.1	14	17	20	18	28
FL12	1/8" - 1/4"	3.05	82	193	323	404	484	7	10	16	20	24	18	29
FL15	1/8" - 1/4"	3.28	99	238	399	499	598	9	12	20	25	30	18	30
FL18	1/8" - 1/4"	3.73	122	292	489	611	734	10	15	24	30	37	20	33
FL20	1/8" - 1/4"	3.91	133	320	537	671	805	11	16	27	33	40	22	37
FL22	1/4"	4.09	147	348	584	730	876	13	39	30	37	45	22	37
FL24	1/4"	4.29	161	385	646	807	969	14	20	33	41	49	22	38
FL27	1/4"	4.5	178	422	708	885	1061	15	21	36	45	54	22	38
FL30	3/8"	4.78	201	476	798	997	1197	17	24	40	50	61	22	39