

VJT Series - Flat Fan Nozzle



Nozzle Features

VJT series flat fan nozzles produce a uniform distribution of small, medium and large size droplets. The spray pattern is elliptical and can form an even coverage when a number of nozzles are fitted side by side. VJT series flat fan nozzles are also available with strainer to protect nozzle from clogging.



Performance Data

Available in spray angles 0° (solid stream), 15°, 25°, 40°, 50°, 65°, 80°, 95°, 110° and 120°.

NOZZLE THREAD CONN.				NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)							
1/8	1/4	3/8	1/2			0.5	1.0	2.0	3.0	5.0	7.0	10.0	25.0
●	●	●	●	3	0.66	0.16	0.23	0.32	0.39	0.51	0.60	0.72	1.13
●	●	●	●	5	0.79	0.24	0.34	0.48	0.59	0.76	0.90	1.07	1.70
●	●	●	●	6	0.91	0.32	0.45	0.64	0.78	1.01	1.20	1.43	2.26
●	●	●	●	8	1.02	0.41	0.57	0.81	0.99	1.28	1.52	1.81	2.86
●	●	●	●	10	1.09	0.49	0.69	0.97	1.19	1.53	1.81	2.17	3.43
●	●	●	●	13	1.32	0.65	0.92	1.30	1.59	2.06	2.43	2.91	4.60
●	●	●	●	16	1.45	0.81	1.15	1.62	1.98	2.56	3.03	3.62	5.73
●	●	●	●	19	1.57	0.97	1.37	1.94	2.38	3.07	3.63	4.34	6.86
●	●	●	●	26	1.83	1.29	1.82	2.58	3.16	4.08	4.83	5.77	9.12
●	●	●	●	32	2.03	1.61	2.28	3.22	3.94	5.09	6.02	7.20	11.38
●	●	●	●	48	2.38	2.42	3.42	4.83	5.92	7.64	9.04	10.80	17.08
●	●	●	●	65	2.78	3.23	4.56	6.45	7.90	10.20	12.07	14.42	22.80
●	●	●	●	97	3.57	4.84	6.84	9.67	11.84	15.29	18.09	21.62	34.19
●	●	●	●	129	3.97	6.46	9.14	12.93	15.84	20.44	24.19	28.91	45.71

WFT Series - Flat Fan Nozzle



Nozzle Features

WFT wide angle spray nozzles can produce secondary wide angle sector spraying shape and uniform spray droplets. The spray orifice and large flow passage reduces clogging problems. The WFT can also be applied in spraying of air or steam. The nozzles have precise deflection area, to maximize the spraying angle. All models have a mate thread connection.



Performance Data

NOZZLE THREAD CONN.				NOZZLE CODE	OUTLET BORE DIA. (mm)	FLOW RATES (LPM @ BarG)					
1/8	1/4	3/8	1/2			0.5	1.0	1.5	2.0	3.0	4.0
●	●	●	●	2	0.4	0.10	0.10	0.17	0.17	0.24	0.28
●	●	●	●	3	0.6	0.19	0.19	0.32	0.31	0.45	0.52
●	●	●	●	5	0.7	0.26	0.26	0.45	0.47	0.64	0.74
●	●	●	●	7	0.8	0.33	0.46	0.56	0.65	0.80	0.92
●	●	●	●	10	1.0	0.50	0.70	0.86	0.99	1.21	1.40
●	●	●	●	13	1.2	0.67	0.95	1.16	1.34	1.64	1.90
●	●	●	●	17	1.3	0.83	1.17	1.44	1.66	2.03	2.35
●	●	●	●	19	1.4	0.97	1.37	1.68	1.94	2.38	2.74
●	●	●	●	27	1.7	1.33	1.88	2.30	2.66	3.26	3.76
●	●	●	●	33	1.9	1.63	2.31	2.82	3.26	3.99	4.61
●	●	●	●	49	2.3	2.44	3.44	4.22	4.87	5.96	6.89
●	●	●	●	64	2.6	3.22	4.55	5.58	6.44	7.89	9.11
●	●	●	●	78	2.9	3.88	5.48	6.71	7.75	9.49	10.96
●	●	●	●	98	3.3	4.89	6.91	8.46	9.77	11.97	13.82
●	●	●	●	117	3.6	5.84	8.26	10.12	11.68	14.31	16.52
●	●	●	●	130	3.8	6.48	9.16	11.22	12.96	15.87	18.33
●	●	●	●	143	4.0	7.14	10.09	12.36	14.27	17.48	20.18
●	●	●	●	156	4.1	7.80	11.02	13.50	15.59	19.09	22.05
●	●	●	●	174	4.3	8.72	12.33	15.10	17.44	21.36	24.66