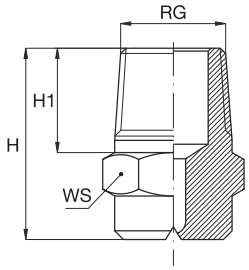
LARGE CAPACITY TYPES

These standard model flat fan jet nozzles are available in a very wide range of flow rates, spray angles and materials. A tapered thread allows for a tight connection and a correct spray pattern orientation. The nozzles shown on this page cover the standard flow rate range from 59 435 litres per minute, delivering high impact flat fan jet spray patterns with medium size droplets. Our flow capacity tables also include straight jet type nozzles with a 0° spray angle.These straight jets can be made on request out of any material that can be machined, in addition to the standard materials shown below.



Materials		
	B1	AISI 303 Stainless steel
	B31	AISI 316L Stainless steel
	T1	Brass

∠	1/2	3/4	1	Code	Capacity at different pressure values lpm bar								
					0.5	1.0	2.0	3.0	4.0	5.0	7.0	10	20
0°				JDA 2590 xx	24.1	34.1	48.2	59.0	68.1	76.2	90.1	108	152
				JDA 2780 xx	31.8	45.0	63.7	78.0	90.1	101	119	142	201
				JEA 3134 xx	54.7	77.4	109	134	155	173	205	245	346
				JEA 3275 xx	112	159	225	275	318	355	420	502	710
				JFA 3390 xx	159	225	318	390	450	503	596	712	1007
				JFA 3435 xx	178	251	355	435	502	562	664	794	1123
15°				JDB 2195 xx	7.96	11.3	15.9	19.5	22.5	25.2	29.8	35.6	50.3
				JDB 2274 xx	11.2	15.8	22.4	27.4	31.6	35.4	41.9	50.0	70.7
				JDB 2390 xx	15.9	22.5	31.8	39.0	45.0	50.3	59.6	71.2	101
				JEB 2990 xx	40.4	57.2	80.8	99.0	114	128	151	181	256
25°				JDD 2390 xx	15.9	22.5	31.8	39.0	45.0	50.3	59.6	71.2	101
				JDD 2590 xx	24.1	34.1	48.2	59.0	68.1	76.2	90.1	108	152
				JDD 2780 xx	31.8	45.0	63.7	78.0	90.1	101	119	142	201
				JFD 3195 xx	79.6	113	159	195	225	252	298	356	503
40°				JDL 2195 xx	7.96	11.3	15.9	19.5	22.5	25.2	29.8	35.6	50.3
				JDL 2240 xx	9.80	13.9	19.6	24.0	27.7	31.0	36.7	43.8	62.0
				JDL 2274 xx	11.2	15.8	22.4	27.4	31.6	35.4	41.9	50.0	70.7
				JDL 2390 xx	15.9	22.5	31.8	39.0	45.0	50.3	59.6	71.2	101
				JDL 2590 xx	24.1	34.1	48.2	59.0	68.1	76.2	90.1	108	152
50°				JDN 2274 xx	11.2	15.8	22.4	27.4	31.6	35.4	41.9	50.0	70.7
				JDN 2390 xx	15.9	22.5	31.8	39.0	45.0	50.3	59.6	71.2	101
				JDN 2590 xx	24.1	34.1	48.2	59.0	68.1	76.2	90.1	108	152
				JDN 2780 xx	31.8	45.0	63.7	78.0	90.1	101	119	142	201
				JEN 3158 xx	64.5	91.2	129	158	182	204	241	288	408
				JFN 3195 xx	79.6	113	159	195	225	252	298	356	503
				JFN 3230 xx	93.9	133	188	230	266	297	351	420	594
65°				JDR 2195 xx	7.96	11.3	15.9	19.5	22.5	25.2	29.8	35.6	50.3
				JDR 2240 xx	9.80	13.9	19.6	24.0	27.7	31.0	36.7	43.8	62.0
				JDR 2274 xx	11.2	15.8	22.4	27.4	31.6	35.4	41.9	50.0	70.7
				JDR 2390 xx	15.9	22.5	31.8	39.0	45.0	50.3	59.6	71.2	101
				JDR 2590 xx	24.1	34.1	48.2	59.0	68.1	76.2	90.1	108	152
				JFR 2780 xx	31.8	45.0	63.7	78.0	90.1	101	119	142	201
80°				JDT 2195 xx	7.96	11.3	15.9	19.5	22.5	25.2	29.8	35.6	50.3
				JDT 2240 xx	9.80	13.9	19.6	24.0	27.7	31.0	36.7	43.8	62.0
				JDT 2274 xx	11.2	15.8	22.4	27.4	31.6	35.4	41.9	50.0	70.7
				JDT 2390 xx	15.9	22.5	31.8	39.0	45.0	50.3	59.6	71.2	101
				JDT 2590 xx	24.1	34.1	48.2	59.0	68.1	76.2	90.1	108	152
				JDT 2780 xx	31.8	45.0	63.7	78.0	90.1	101	119	142	201
				JET 2780 xx	31.8	45.0	63.7	78.0	90.1	101	119	142	201
				JET 3158 xx	64.5	91.2	129	158	182	204	241	288	408
95°				JDV 2195 xx	7.96	11.3	15.9	19.5	22.5	25.2	29.8	35.6	50.3
				JDV 2240 xx	9.80	13.9	19.6	24.0	27.7	31.0	36.7	43.8	62.0
				JDV 2274 xx	11.2	15.8	22.4	27.4	31.6	35.4	41.9	50.0	70.7
				JDV 2390 xx	15.9	22.5	31.8	39.0	45.0	50.3	59.6	71.2	101
				JDV 2590 xx	24.1	34.1	48.2	59.0	68.1	76.2	90.1	108	152

Spray angle codes

JDA	0°
JDB	15°
JDD	25°
JDL	40°
JDN	50°
JDR	65°
JDT	80°
JDV	95°

Dimensions and weights

Code	JD	JE	JF
Size inch	1/2	3/4	1
H mm	33	41	61
H1 mm	17	20	22
WS mm	22	27	27
W grams	65	130	215