FLAT FAN JET NOZZLES

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LOW 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 lowest flow rates from 0.06 to 1.60 litres per minute. These tiny outlet orifices, which are manufactured using our high precision machine tooling, may require adequate filtering in the supply line to prevent clogging. This does depend on how dirty the liquid being used is and the type of solids suspended in the liquid.

Materials B1 AISI 303 Stainless steel

B31 AISI 316L Stainless steel

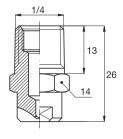
T1 Brass

The low capacity nozzle bodies shown on this page can also be supplied with an internal thread, allowing for individual filters to be fitted to each nozzle. Please refer to our VEF filter cartridges found in the Accessories Catalogue (code CTG AC) or ask for assistance.

Materials and minimum capacities

Due to the extreme difficulty of working with small drill profiles on hard materials such as stainless steels, not all the flow capacity sizes shown in the this nozzle table are available in every material.

The table below shows the minimum capacity values we can produce for each given material. Please contact our offices for information on the maximum spray angle available for each capacity and material.





How to compose the nozzle code

The nozzles tips shown on this page can be supplied with eight different spray angles, with values indicated by the third digit in the nozzle code.

Therefore the nozzle tip code is indicated as in the following example.



Codes for the different spray angles are listed in the table beside.

JBD 25°	JBL 40°	JBN 50°	JBR 65°	JBS 75°	JBT 80°	JBV 95°	JBJ 110°	Code	Capacity at different pressure values							lpm bar	
									0.7	1.0	1.5	2.0	3.0	4.0	5.0	7.0	10
								0060			0.04	0.05	0.06	0.07	0.08	0.09	0.11
								0100			0.07	0.08	0.10	0.12	0.13	0.15	0.18
								0130			0.09	0.11	0.13	0.15	0.17	0.20	0.24
								0150		0.09	0.11	0.12	0.15	0.17	0.19	0.23	0.27
								0200		0.12	0.14	0.16	0.20	0.23	0.26	0.31	0.37
								0260		0.15	0.18	0.21	0.26	0.30	0.34	0.40	0.47
								0390		0.23	0.28	0.32	0.39	0.45	0.50	0.60	0.71
								0590	0.28	0.34	0.42	0.48	0.59	0.68	0.76	0.90	1.08
								0780	0.38	0.45	0.55	0.64	0.78	0.90	1.01	1.19	1.42
								1120	0.58	0.69	0.85	0.98	1.20	1.39	1.55	1.83	2.19
								1160	0.77	0.92	1.13	1.31	1.60	1.85	2.07	2.44	2.92

Materials and minimum capacities

Material	0060	0100	0130	0150	0200	0260	0390	0590	0780	1120	1160
AISI 316L											
AISI 303											
Brass											