



THE
SPRAY NOZZLE
PEOPLE

NCJ
Narrow/Angle
Injector

HOLLOW CONE

DESIGN FEATURES

- ✓ Narrow spray angles
- ✓ High velocity
- ✓ Male and female connections
- ✓ Flanged connections available
- ✓ Available in plastic and metal alloys

SPRAY CHARACTERISTICS

- ✓ Spray is coarse and extremely hard driving
- ✓ Spray pattern: Hollow Cone
- ✓ Spray angle: 15° 20° to 30°
- ✓ Flow rates: 23.1 to 4600 l/min (Special flow rates available)



The NCJ nozzle is a narrow angle, hollow cone injector nozzle. It has a coarse, high velocity spray pattern and is available in a range of sizes.

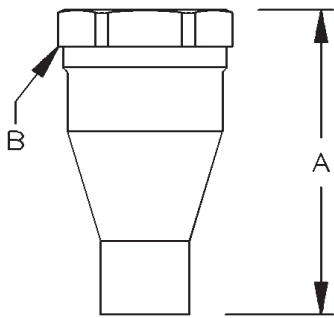
This type of nozzle is used in applications where spray penetration into fast moving gas flows is required or motive force needs to be generated in a gas by the injected fluid. Common uses include:

Venturi Scrubber
Chemical Injection
Gas Cooling
Pollution Control
And more.

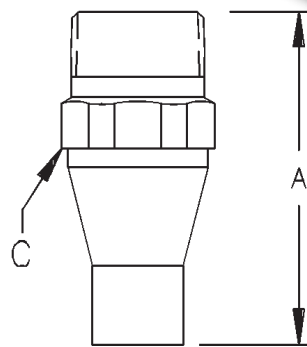
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The Go-to People for spray nozzle solutions



Male



Female



Hollow cone 15°



Hollow cone 20°



Hollow cone 30°

NCJ Flow Rates and Dimensions

Nozzle No.	K	Litres Per Minute @ BAR								Orifice Dia (mm)	Dimensions (mm)			Wt (kg)	
		0.5 BAR	0.7 BAR	1 BAR	1.5 BAR	2 BAR	3 BAR	5 BAR	7 BAR		A	B	C	PVC	Metal
NC0706J	32	23.1	27	32	38.7	44.3	53.6	68.1	79.8	7.52	82.6	34.9	28.4	0.04	0.34
NC1012J	64	46.2	54.1	64	77.4	88.6	107	136	160	10.3	88.9	44.5	35.1	0.06	0.45
NC1218J	95.9	69.3	81.1	95.9	116	133	161	204	239	12.3	102	50.8	44.5	0.11	0.57
NC1526J	139	100	117	139	168	192	232	295	346	15.1	127	63.5	50.8	0.2	1.02
NC2048J	256	185	216	256	310	354	429	545	638	20.2	152	76.2	63.5	0.37	1.13
NC2572J	384	277	325	384	464	532	643	818	958	24.6	178	82.6	76.2	0.62	2.61
NC30105J	560	404	473	560	677	775	938	1190	1400	29.5	203	97.5	88.9	0.85	2.84
NC40190J	1010	731	856	1010	1230	1400	1700	2160	2530	40.5	254	127	114	2.04	6.8
NC60350J	1860	1380	1580	1860	2260	2580	3130	3980	4660	54	343	181	168	2.78	15.9