SNP | THE SPRAY NOZZLE PEOPLE

NFV

Flat Fan
Integral Strainer

BETE PERFORMANCE SPRAY ENGINEERING

FAN NOZZLE

DESIGN FEATURES

- One-piece construction
- No internal parts
- Male connection
- Low nozzle maintenance
- Optional removable strainer for easy cleaning
- Connections: Male NPT and BSP
- Optional Strainer: 50, 100, 200 mesh

SPRAY CHARACTERISTICS

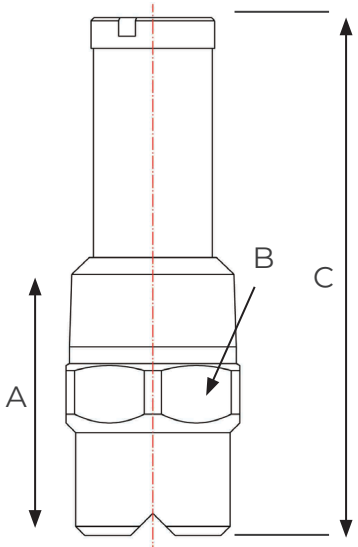
- High impact
- Uniform distribution
- Spray pattern: Flat Fan and Straight Jet
- Spray angles: 0°, 15°, 25°, 40°, 50°, 65°, 80°, 95°, and 110°
- Flow rates: 0.15 to 49.85 l/min
- NFV0067: Max. spray angle available 95°

The NFV is a flat fan spray nozzle with an integrated strainer. Due to this it has excellent clog resistance and very low maintenance requirements. The NFV can be used in many applications including:

Lubrication
Moistening
Product cooling
Cleaning
And many more.

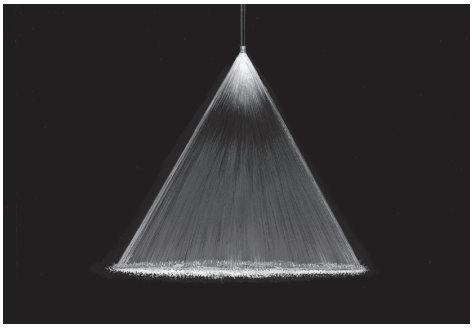
CALL NOW : +44 (0) 1273 400092

www.spray-nozzle.co.uk



1/8" - 1/4" Metal

NFV Dimensions (mm)				
Pipe Size	A	B	C	Weight (g)
1/8"	22.4	11.2	37.9	28.4
1/4"	26.9	14.2	42.9	42.5


Fan 50°

NFV Flow Rates

Fan and Straight Jet, 0°, 15°, 25°, 40°, 50°, 65°, 80°, 90° & 110°
Standard Materials: Brass, 303 and 316 Stainless Steel

Litres per minute @ BAR

Nozzle Number	K Factor	1 bar	2 bar	3 bar	5 bar	10 bar	30 bar	Orifice	Suggested Mesh Size
NFV01	0.228	0.23	0.32	0.39	0.51	0.72	1.25	0.66	100
NFV015	0.342	0.34	0.48	0.59	0.76	1.08	1.87	0.79	100
NFV02	0.456	0.46	0.64	0.79	1.02	1.44	2.5	0.91	100
NFV025	0.569	0.57	0.8	0.99	1.27	1.8	3.12	1.02	50
NFV03	0.684	0.68	0.97	1.18	1.53	2.16	3.75	1.09	50
NFV04	0.912	0.91	1.29	1.58	2.04	2.88	5	1.32	50
NFV05	1.139	1.14	1.61	1.97	2.55	3.6	6.24	1.45	50
NFV06	1.367	1.37	1.93	2.37	3.06	4.32	7.48	1.57	50
NFV07	1.598	1.6	2.26	2.77	3.57	5.05	8.75	2.08	50
NFV08	1.823	1.82	2.58	3.16	4.08	5.76	9.98	1.83	50
NFV10	2.279	2.28	3.22	3.95	5.1	7.21	12.48	2.03	50
NFV15	3.418	3.42	4.83	5.92	7.64	10.81	18.72	2.39	50
NFV20	4.55	4.55	6.44	7.88	10.18	14.39	24.92	2.77	50
NFV30	6.826	6.83	9.65	11.82	15.26	21.58	37.39	3.58	50
NFV40	9.101	9.1	12.87	15.76	20.35	28.78	49.85	3.96	50

Flow Rate (l/min) = $K\sqrt{bar}$