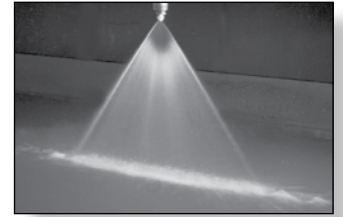
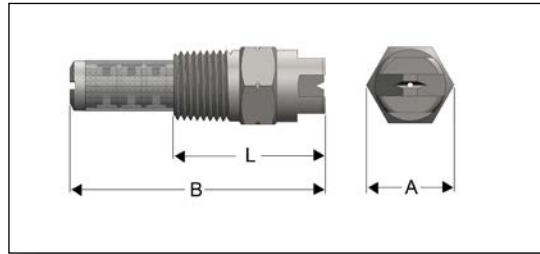




FV40 SPRAY NOZZLE SPECIFICATIONS



Spray angle not exactly as shown.

SPRAY CHARACTERISTICS:

FV-Series low flow rate spray nozzles produce a flat, fan-shaped spray pattern, with spray angles available from 15° to 110°. Spray density tapers off toward the outside of these sprays, to permit overlapping of spray patterns while maintaining uniform spray density.

CONSTRUCTION:

The models listed are machined from bar stock and are one piece construction. Standard materials are brass, 303 stainless steel and 316 stainless steel. Other materials may be available upon request.

All parts are made with a female thread on the inlet to install BEX® strainers.

TYPICAL APPLICATIONS:

- Metal Washing
- Foam Control
- Wetting
- Vehicle Washing
- Fertilizer Spraying
- Food Processing

PIPE SIZE (NPT)	Length L (inches)	Dim. A (inches)	Internal Thread	Dim. B (with strainer assy) (inches)
1/8	13/16	7/16 HEX	1/4-28 UNF	1.34
1/4	15/16	9/16 HEX	3/8-24 UNF	1.68

Mesh sizes available are 50, 100, and 200.



Available with strainer assembly.

Model	Equiv. Orifice Diameter (in)	CAPACITY AT VARIOUS PRESSURES (USGPM)												SPRAY ANGLE @ (degrees)			
		5 psi	10 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi	
⅜FV4001	0.025	0.04	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.22	0.27	0.35	26	40	51	58	
¼FV4001	0.025	0.04	0.05	0.07	0.09	0.10	0.12	0.14	0.16	0.22	0.27	0.35	26	40	51	58	
⅜FV40015	0.030	0.05	0.08	0.11	0.13	0.15	0.18	0.21	0.24	0.34	0.41	0.53	27	40	50	58	
¼FV40015	0.030	0.05	0.08	0.11	0.13	0.15	0.18	0.21	0.24	0.34	0.41	0.53	27	40	50	58	
⅜FV4002	0.035	0.07	0.10	0.14	0.17	0.20	0.25	0.28	0.32	0.45	0.55	0.71	27	40	49	56	
¼FV4002	0.035	0.07	0.10	0.14	0.17	0.20	0.25	0.28	0.32	0.45	0.55	0.71	27	40	49	56	
⅜FV4003	0.043	0.11	0.15	0.21	0.26	0.30	0.37	0.42	0.47	0.67	0.82	1.06	28	40	49	50	
¼FV4003	0.043	0.11	0.15	0.21	0.26	0.30	0.37	0.42	0.47	0.67	0.82	1.06	28	40	49	50	
⅜FV4004	0.050	0.14	0.20	0.28	0.35	0.40	0.49	0.57	0.63	0.89	1.10	1.41	28	40	50	50	
¼FV4004	0.050	0.14	0.20	0.28	0.35	0.40	0.49	0.57	0.63	0.89	1.10	1.41	28	40	50	50	
⅜FV4005	0.056	0.18	0.25	0.35	0.43	0.50	0.61	0.71	0.79	1.12	1.37	1.77	26	40	46	53	
¼FV4005	0.056	0.18	0.25	0.35	0.43	0.50	0.61	0.71	0.79	1.12	1.37	1.77	26	40	46	53	
⅜FV4006	0.061	0.21	0.30	0.42	0.52	0.60	0.73	0.85	0.95	1.34	1.64	2.12	37	40	44	52	
¼FV4006	0.061	0.21	0.30	0.42	0.52	0.60	0.73	0.85	0.95	1.34	1.64	2.12	37	40	44	52	
⅜FV4008	0.071	0.28	0.40	0.57	0.69	0.80	0.98	1.13	1.26	1.79	2.19	2.83	35	40	43	53	
¼FV4008	0.071	0.28	0.40	0.57	0.69	0.80	0.98	1.13	1.26	1.79	2.19	2.83	35	40	43	53	