



Fan-Jet® Flat Spray Nozzles

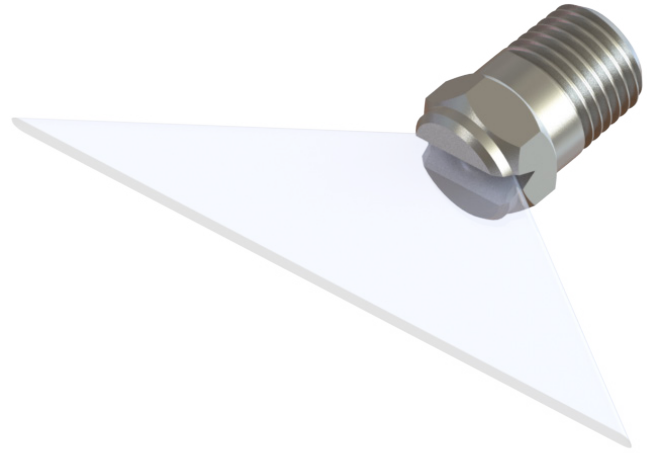
Type **V**

Steinen Mfg. Co. 29 East Halsey Road, Parsippany, NJ 07054 973.887.6400 F: 973.887.4632 info@steinen.com www.steinen.com

Steinen offers a wide variety of flat spray nozzles to satisfy almost any requirement. Nozzles are offered in 10 different spray angles from 0° to 110°, numerous flow rates from 0.20 gallons per minute (GPM) up to 50 GPM, at pressures from 5 PSI to 1,000 PSI, in various types of steel, stainless steel, brass and CPVC.

Nozzle construction available:

- **Type V** - single piece nozzle



**Type
V**

Spray Characteristics

Flat spray nozzle with high impact, sharply defined spray pattern without heavy edges. This type of high velocity spray is very useful in cleaning and coating applications. Spray angles of 0, 15, 25, 40, 50, 65, 80 and 90 degrees are available.

Construction

One-piece design with no cores or internal members to clog. Nozzles available in 1/8", 1/4", 3/8", 1/2", 3/4", and 1" NPT male pipe thread.

Materials

These nozzles are available in 303 & 316 Stainless Steel, mild steel, brass and CPVC.



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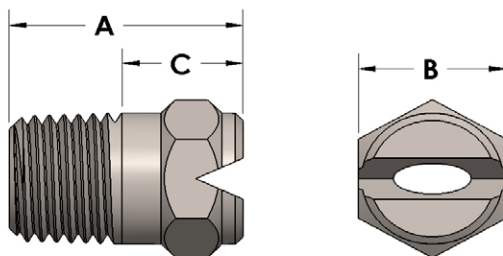
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Nozzle Identifier	Pipe Size Availability <small>✓ indicates available</small>						Approx. Orifice Diameter	Capacity in Gallons per Minute (at various pressures in pounds per square inch)						
	1/8	1/4	3/8	1/2	3/4	1		10 psi	20 psi	40 psi	60 psi	100 psi	120 psi	150 psi
0.20	✓	✓					0.036	0.10	0.14	0.20	0.25	0.32	0.35	0.39
0.25	✓	✓					0.039	0.13	0.18	0.25	0.31	0.39	0.43	0.48
0.30	✓	✓					0.043	0.15	0.21	0.30	0.37	0.47	0.51	0.58
0.35	✓	✓					0.047	0.18	0.25	0.35	0.43	0.55	0.61	0.68
0.40	✓	✓					0.052	0.20	0.28	0.40	0.49	0.63	0.69	0.78
0.45	✓	✓					0.055	0.22	0.32	0.45	0.55	0.71	0.77	0.88
0.50	✓	✓					0.058	0.25	0.35	0.50	0.61	0.79	0.87	0.97
0.55	✓	✓					0.060	0.28	0.39	0.55	0.67	0.87	0.96	1.0
0.60	✓	✓					0.062	0.30	0.42	0.60	0.73	0.95	1.0	1.1
0.65	✓	✓					0.064	0.32	0.46	0.65	0.80	1.0	1.1	1.2
0.70	✓	✓					0.067	0.35	0.50	0.70	0.86	1.1	1.1	1.3
0.80	✓	✓					0.072	0.40	0.56	0.80	0.98	1.2	1.3	1.5
0.90	✓	✓					0.076	0.46	0.64	0.90	1.1	1.4	1.5	1.7
1.0	✓	✓	✓				0.078	0.50	0.70	1.0	1.2	1.6	1.7	1.9
1.5	✓	✓	✓				0.093	0.75	1.1	1.5	1.8	2.4	2.5	2.9
2.0	✓	✓	✓				0.109	1.0	1.4	2.0	2.5	3.2	3.5	3.9
3.0	✓	✓	✓				0.125	1.5	2.1	3.0	3.7	4.7	5.0	5.8
4.0	✓	✓	✓				0.156	2.0	2.8	4.0	4.9	6.3	6.8	7.7
5.0		✓	✓	✓			0.171	2.4	3.5	5.0	6.1	7.9	8.7	9.7
6.0		✓	✓	✓			0.187	3.0	4.2	6.0	7.3	9.5	10.0	11.6
7.0		✓	✓	✓			0.203	3.5	4.9	7.0	8.6	11.1	11.9	13.5
8.0		✓	✓	✓			0.218	4.0	5.7	8.0	9.8	12.6	13.6	15.4
9.0		✓	✓	✓			0.234	4.5	6.3	9.0	11.0	14.1	15.6	17.4
10.0			✓	✓			0.250	4.9	7.1	10.0	12.2	15.8	17.3	19.4
11.0			✓	✓			0.265	5.5	8.0	11.0	13.4	17.3	18.9	21.1
12.0			✓	✓			0.265	6.0	8.5	12.0	14.7	19.0	20.0	23.2
13.0			✓	✓			0.281	6.5	9.1	13.0	13.2	20.6	21.9	25.3
14.0			✓	✓			0.281	7.0	9.9	14.0	17.1	22.1	24.0	27.0
15.0			✓	✓			0.296	7.4	10.6	15.0	18.4	23.7	26.0	29.0
20.0				✓	✓		0.344	13.0	14.1	20.0	24.5	31.6	34.4	38.7
25.0				✓	✓		0.375	12.5	17.5	25.0	30.5	39.5	43.5	48.5
30.0					✓		0.421	15.0	21.2	30.0	36.8	47.4	52.0	58.0
35.0					✓		0.453	17.5	24.5	35.0	42.7	55.3	60.9	67.9
40.0					✓		0.500	20.0	28.3	40.0	49.0	63.2	68.8	77.4
50.0						✓	0.515	25.0	35.4	50.0	61.2	79.1	86.6	96.8

Flow and angle data for higher pressures available upon request



Pipe Size	Net Weight Oz.	A	B	C
1/8 NPT	0.25	0.750	0.438	0.450
1/4 NPT	0.75	0.938	0.563	0.460
3/8 NPT	1.25	1.188	0.750	0.750
1/2 NPT	2.00	1.250	0.875	0.825
3/4 NPT	2.75	1.500	1.063	0.985
1 NPT	7.00	1.375	1.375	1.280