

Series V



Integrated

Design Features

- Spray Angle : 15°-50°
- Spray Pattern : Fan spray, spray area in line.
- Drops : Small- to medium-size, uniform distribution over a wide range of flow rates and pressure.
- Material : BRASS/SS/PP/PVC/PTFE
- Features : The unobstructed liquid column flow channel reduces the blockage as much as possible; Integrated flow surface design, high impact flat fan spray shape, clear edge, uniform distribution.

Applications

- Degreasing
- Fire prevention
- Air purification
- Cooling & quenching
- Metal treating
- Cleaning gravel
- Cleaning & cooling

Performance State

At the stated pressure in bar.

Jet Angle at 3bar pressure	Inlet Conn(in.)					Capacity Size	Orifice (mm)	Flow Rate Capacity(L/min)								Spray Angle(°)			Size			
	1/8	1/4	3/8	1/2	3/4			1bar	1.5bar	2bar	3bar	4bar	6bar	7bar	10bar	1bar	3bar	7bar	A length (mm)	B Deflection Angle (°)	C Bar size (mmsq.)	Net weight (kg)
50°		●				05	1.3	1.1	1.4	1.6	2.0	2.3	2.8	3.0	3.6	33	50	60	31	60	15.9	0.03
		●				10	1.9	2.3	2.8	3.2	3.9	4.6	5.6	6.0	7.2	34	50	60	31	60	15.9	0.03
		●	●			25	3.0	5.7	7.0	8.1	9.9	11.4	14.0	15.1	18.0	42	50	59	41.5	42	19.1	0.09
		●	●			40	3.8	9.1	11.2	12.9	15.8	18.2	22	24	29	39	50	60	47	45	19.1	0.09
			●			60	4.6	13.7	16.8	19.3	24	27	34	36	43	42	50	53	55	37	25.4	0.14
			●			100	5.9	23	28	32	39	46	56	60	72	43	50	55	72	40	31.8	0.33
			●			125	6.6	28	35	40	49	57	70	75	90	38	50	59	72	38	31.8	0.31
			●			160	7.5	36	45	52	63	73	89	96	115	44	50	55	72	37	31.8	0.31
		●			200	8.4	46	56	64	79	91	112	121	144	46	50	53	72	32	31.8	0.31	
40°			●			40	3.8	9.1	11.2	12.9	15.8	18.2	22	24	29	31	40	50	60.5	35	22.2	0.14
			●			50	4.2	11.4	14.0	16.1	19.7	23	28	30	36	31	40	49	63.5	33	25.4	0.20
			●			60	4.6	13.7	16.8	19.3	24	27	34	36	43	32	40	49	72	33	25.4	0.23
			●			70	5.0	16.0	19.5	23	28	32	39	42	50	32	40	49	75.5	29	25.4	0.26
			●			80	5.3	18.2	22	26	32	36	45	48	58	32	40	48	77	26	25.4	0.26
			●			90	5.6	21	25	29	36	41	50	54	65	34	40	44	77	28	25.4	0.23
35°		●				04	1.2	0.91	1.1	1.3	1.6	1.8	2.2	2.4	2.9	20	35	41	23	40	11.1	0.01
			●			10	1.9	2.3	2.8	3.2	3.9	4.6	5.6	6.0	7.2	18	35	39	36.5	36	15.9	0.06
			●	●		20	2.7	4.6	5.6	6.4	7.9	9.1	11.2	12.1	14.4	24	35	40	42	30	19.1	0.06
			●	●		25	3.0	5.7	7.0	8.1	9.9	11.4	14.0	15.1	18.0	24	35	39	49	28	19.1	0.09
			●			30	3.3	6.8	8.4	9.7	11.8	13.7	16.8	18.1	22	26	35	41	52.5	28	19.1	0.09
			●			40	3.8	9.1	11.2	12.9	15.8	18.2	22	24	29	28	35	38	58	26	22.2	0.11
			●			50	4.2	11.4	14.0	16.1	19.7	23	28	30	36	31	35	38	63.5	23	22.2	0.14
				●		60	4.6	13.7	16.8	19.3	24	27	34	36	43	29	35	39	73	27	25.4	0.23
				●		80	5.3	18.2	22	26	32	36	45	48	58	26	35	40	81	24	25.4	0.26
				●		100	5.9	23	28	32	39	46	56	60	72	26	35	40	89	19	25.4	0.26
25°					●	160	7.5	36	45	52	63	73	89	96	115	26	35	40	114	23	31.8	0.57
					●	200	8.4	46	56	64	79	91	112	121	144	25	35	40	122	22	31.8	0.57
15°		●				40	3.8	9.1	11.2	12.9	15.8	18.2	22	24	29	15	25	34	65	25	19.1	0.11
		●				10	1.9	-	2.8	3.2	3.9	4.6	5.6	6.0	7.2	-	15	23	47.5	22	15.9	0.06
		●				20	2.7	-	5.6	6.4	7.9	9.1	11.2	12.1	14.4	-	15	19	54	19	15.9	0.06
			●			30	3.3	6.8	8.4	9.7	11.8	13.7	16.8	18.1	22	6	15	24	72	25	19.1	0.11
			●			40	3.8	9.1	11.2	12.9	15.8	18.2	22	24	29	8	15	21	92	18	22.2	0.23
			●			50	4.2	11.4	14.0	16.1	19.7	23	28	30	36	9	15	20	90.5	15	22.2	0.17
				●		60	4.6	13.7	16.8	19.3	24	27	34	36	43	10	15	19	125	14	25.4	0.34
				●		80	5.3	18.2	22	26	32	36	45	48	58	11	15	18	130	14	25.4	0.34
				●		100	5.9	23	28	32	39	46	56	60	72	11	15	18	137	14	25.4	0.40
					●	200	8.4	46	56	64	79	91	112	121	144	12	15	18	191	14	31.8	0.91

· Special size please consult our sale dept!

Order Info

V	-	1/4	-	SS	-	5040
Nozzle Type		Inlet Conn		Material Code		Orifice

For NPT threaded connections, add the letter "N " before the nozzle connection size.