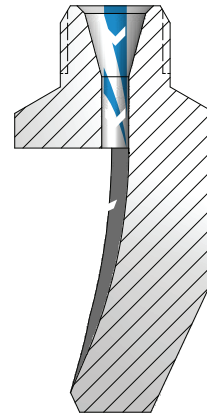


OVERVIEW: FLATJET

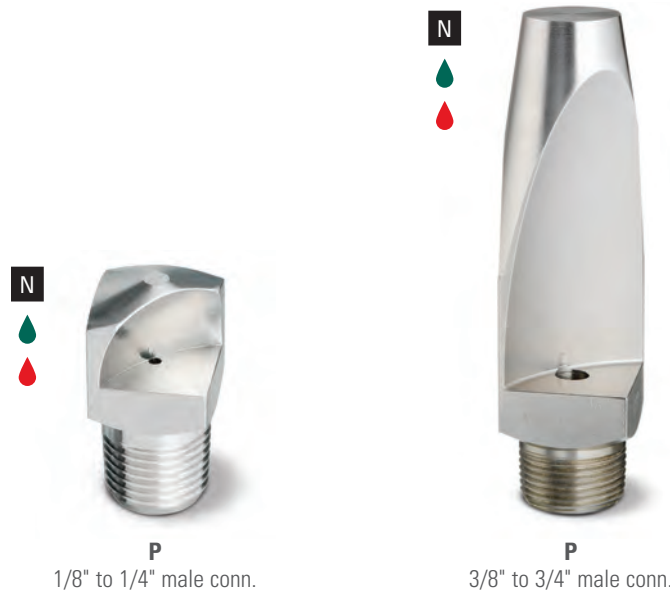
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 KFMGPSDPOWFZPSDMFBJOH
 BBNMFTGSPN
 DJGPSNTZBJTBJCVUPOGSPNBNBMD
 SSBZFTTVSFTVBJCB



FlatJet Nozzles

As liquid passes through the nozzle, it hits the deflector surface and spreads out to form a flat spray pattern. The distribution is even from the center of the spray. The combination of medium- to large-flow rates and narrow spray angles produce a high impact spray.

FLATJET OPTIONS



ORDERING INFORMATION

FLATJET P

Inlet Conn.	Nozzle Type	—	Material Code	Spray Angle	Capacity Size
3/8	P	—	SS	50	60

BSPT connections require the addition of a "B" prior to the inlet connection.

RELATIVE DROP SIZE
IN MICRONS



Drop size will vary based on flow rate and pressure.

QUICK REFERENCE GUIDE

Model	Connection	Connection Size (in.)	Materials	Page Number	
				Performance Data	Dimensions and Weights
P	M	1/8 to 3/4	Brass, Mild steel (I), 303 stainless steel (SS), 316 stainless steel (316SS)	C48-C49	C48-C49

M = male thread. There is no material code for brass. Leave material code blank when ordering. Other materials available upon request.
For more dimensions and sizes, contact your sales engineer.

N PERFORMANCE DATA:
NARROW ANGLE SPRAY

Spray Angle (°) at 3 bar	Nozzle Type	Inlet Conn. (in.)					Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)							Spray Angle (°)			Dimensions			
		P	1/8	1/4	3/8	1/2			3/4	1 bar	1.5 bar	3 bar	6 bar	7 bar	10 bar	1 bar	3 bar	7 bar	A Length (mm)	B Deflection Angle (°)	C Bar Size (mm sq.)	Net Weight (kg)
50	z		z				05	1.3	1.1	1.4	2.0	2.8	3.0	3.6	33	50	60	31	60	15.9	.03	
	z		z				10	1.9	2.3	2.8	3.9	5.6	6.0	7.2	34	50	60	31	60	15.9	.03	
	z		z	z			25	3.0	5.7	7.0	9.9	14.0	15.1	18.0	42	50	59	41.5	42	19.1	.09	
	z		z	z			40	3.8	9.1	11.2	15.8	22	24	29	39	50	60	47	45	19.1	.09	
	z			z			60	4.6	13.7	16.8	24	34	36	43	42	50	53	55	37	25.4	.14	
	z			z			100	5.9	23	28	39	56	60	72	43	50	55	72	40	31.8	.33	
	z			z			125	6.6	28	35	49	70	75	90	38	50	59	72	38	31.8	.31	
	z			z			160	7.5	36	45	63	89	96	115	44	50	55	72	37	31.8	.31	
	z			z			200	8.4	46	56	79	112	121	144	46	50	53	72	32	31.8	.31	
40	z			z			40	3.8	9.1	11.2	15.8	22	24	29	31	40	50	60.5	35	22.2	.14	
	z			z			50	4.2	11.4	14.0	19.7	28	30	36	31	40	49	63.5	33	25.4	.20	
	z			z			60	4.6	13.7	16.8	24	34	36	43	32	40	49	72	33	25.4	.23	
	z			z			70	5.0	16.0	19.5	28	39	42	50	32	40	49	75.5	29	25.4	.26	
	z			z			80	5.3	18.2	22	32	45	48	58	32	40	48	77	26	25.4	.26	
	z			z			90	5.6	21	25	36	50	54	65	34	40	44	77	28	25.4	.23	
	z			z			100	5.9	23	28	39	56	60	72	35	40	44	86.5	28	25.4	.26	

Highlighted column shows the rated pressure.



N PERFORMANCE DATA:
NARROW ANGLE SPRAY

Spray Angle (°) at 3 bar	Nozzle Type	Inlet Conn. (in.)					Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)						Spray Angle (°)			Dimensions			
		P	1/8	1/4	3/8	1/2			3/4	1 bar	1.5 bar	3 bar	6 bar	7 bar	10 bar	1 bar	3 bar	7 bar	A Length (mm)	B Deflection Angle (°)	C Bar Size (mm sq.)
35	z	z					04	1.2	.91	1.1	1.6	2.2	2.4	2.9	20	35	41	23	40	11.1	.01
	z		z				10	1.9	2.3	2.8	3.9	5.6	6.0	7.2	18	35	39	36.5	36	15.9	.06
	z			z	z		20	2.7	4.6	5.6	7.9	11.2	12.1	14.4	24	35	40	42	30	19.1	.06
	z				z		25	3.0	5.7	7.0	9.9	14.0	15.1	18.0	24	35	39	49	28	19.1	.09
	z				z		30	3.3	6.8	8.4	11.8	16.8	18.1	22	26	35	41	52.5	28	19.1	.09
	z				z		40	3.8	9.1	11.2	15.8	22	24	29	28	35	38	58	26	22.2	.11
	z				z		50	4.2	11.4	14.0	19.7	28	30	36	31	35	38	63.5	23	22.2	.14
	z					z	60	4.6	13.7	16.8	24	34	36	43	29	35	39	73	27	25.4	.23
	z					z	80	5.3	18.2	22	32	45	48	58	26	35	40	81	24	25.4	.26
	z					z	100	5.9	23	28	39	56	60	72	26	35	40	89	19	25.4	.26
	z					z	160	7.5	36	45	63	89	96	115	26	35	40	114	23	31.8	.57
	z					z	200	8.4	46	56	79	112	121	144	25	35	40	122	22	31.8	.57
25	z		z				40	3.8	9.1	11.2	15.8	22	24	29	15	25	34	65	25	19.1	.11
15	z		z				10	1.9	–	2.8	3.9	5.6	6.0	7.2	–	15	23	47.5	22	15.9	.06
	z		z				20	2.7	–	5.6	7.9	11.2	12.1	14.4	–	15	19	54	19	15.9	.06
	z			z			30	3.3	6.8	8.4	11.8	16.8	18.1	22	6	15	24	72	25	19.1	.11
	z			z			40	3.8	9.1	11.2	15.8	22	24	29	8	15	21	92	18	22.2	.23
	z			z			50	4.2	11.4	14.0	19.7	28	30	36	9	15	20	90.5	15	22.2	.17
	z				z		60	4.6	13.7	16.8	24	34	36	43	10	15	19	125	14	25.4	.34
	z				z		80	5.3	18.2	22	32	45	48	58	11	15	18	130	14	25.4	.34
	z				z		100	5.9	23	28	39	56	60	72	11	15	18	131	14	25.4	.40
	z					z	200	8.4	46	56	79	112	121	144	12	15	18	165	14	31.8	.73

Highlighted column shows the rated pressure.

