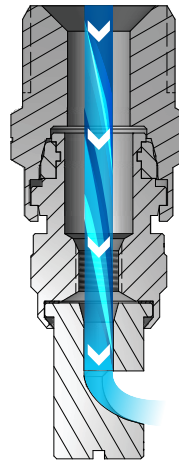


OVERVIEW: QUICK FLOODJET

- Ideal for high-maintenance operations – bodies remain on pipe/header; quick quarter-turn removes/installs spray tips in seconds
- Automatic alignment feature saves time
- Miniature versions are ideal when smaller physical size and lower weight are required
- Wide angle, deflected type flat fan spray pattern
- Spray angles from 73° to 153°
- Uniform spray distribution with flow rates from .01 to 14.7 gpm (.037 to 55 lpm)
- Operating pressures up to 60 psi (4 bar)



Quick FloodJet 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 deflector surface enables the formation of very wide spray angles compared to other flat spray nozzles.

**QUICK FLOODJET
OPTIONS**



QTKA Spray Tip + QJA Body
1/8" to 1/2" female conn.
Use with QJA or QJJA body



QJJA Body
1/8" to 1/2" male conn.



QJJS Body
Miniature version
1/8" to 1/4" male conn.



QSTK Spray Tip
Miniature version
Flow rates below 1 gpm at 40 psi
(3.9 lpm at 2.8 bar)
Use with seal and QJJS body

ORDERING INFORMATION

QUICK FLOODJET

NOZZLE BODY			SPRAY TIP			
Inlet Conn.	Body Type	Material Code	+	Tip Type	Material Code	Capacity Size
<p>Example</p> <p>3/8 QJA - SS + QTKA - SS 1.5</p>						

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



W PERFORMANCE DATA: WIDE ANGLE SPRAY

Inlet Conn. (in.)	Quick FloodJet Tip Type		Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)							Spray Angle (°)		
	QSTK	QTKA			0.2 bar	0.5 bar	0.7 bar	1.5 bar	2 bar	3 bar	4 bar	0.5 bar	1.5 bar	4 bar
1/8, 1/4, 3/8, 1/2	●		.25	.43	–	–	–	.14	.16	.20	.23	–	83	117
	●	●	.50	.58	–	–	–	.28	.32	.39	.46	–	89	122
	●	●	.75	.74	–	–	.29	.42	.48	.59	.68	–	106	125
	●	●	1	.84	–	–	.38	.56	.64	.79	.91	–	109	128
	●	●	1.5	1.0	–	.48	.57	.84	.97	1.2	1.4	73	108	125
	●	●	2	1.2	–	.64	.76	1.1	1.3	1.6	1.8	83	113	129
	●	●	2.5	1.3	–	.81	.95	1.4	1.6	2.0	2.3	98	122	133
	●	●	3	1.4	–	.97	1.1	1.7	1.9	2.4	2.7	86	112	126
	●	●	4	1.7	–	1.3	1.5	2.2	2.6	3.2	3.6	97	123	132
	●	●	5	1.9	1.0	1.6	1.9	2.8	3.2	3.9	4.6	114	128	142
		●	7.5	2.3	1.5	2.4	2.9	4.2	4.8	5.9	6.8	101	119	134
		●	10	2.7	2.0	3.2	3.8	5.6	6.4	7.9	9.1	115	133	145
		●	12	2.9	2.4	3.9	4.6	6.7	7.7	9.5	10.9	128	139	153
		●	15	3.3	3.1	4.8	5.7	8.4	9.7	11.8	13.7	98	113	123
		●	18	3.6	3.7	5.8	6.9	10.1	11.6	14.2	16.4	106	120	131
	●	20	3.8	4.1	6.4	7.6	11.2	12.9	15.8	18.2	110	122	133	
3/8, 1/2		●	30	4.6	6.1	9.7	11.4	16.8	19.3	24	27	100	110	121
		●	40	5.3	8.2	12.9	15.3	22	26	32	36	111	126	136
		●	45	5.6	9.2	14.5	17.2	25	29	36	41	115	130	140
		●	60	6.5	12.2	19.3	23	34	39	47	55	120	134	142

Highlighted column shows the rated pressure.

W PERFORMANCE DATA: WIDE ANGLE SPRAY

Inlet Conn. (in.)	UniJet® FloodJet Tip Type	Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)							Spray Angle (°)		
	TK			0.2 bar	0.5 bar	0.7 bar	1.5 bar	2 bar	3 bar	4 bar	0.5 bar	1.5 bar	4 bar
1/4	●	.50	.58	–	–	–	.28	.32	.39	.46	–	89	122
	●	.75	.74	–	–	.29	.42	.48	.59	.68	–	106	125
	●	1	.84	–	–	.38	.56	.64	.79	.91	–	109	128
	●	1.5	1.0	–	.48	.57	.84	.97	1.2	1.4	73	108	125
	●	2	1.2	–	.64	.76	1.1	1.3	1.6	1.8	83	113	129
	●	2.5	1.3	–	.81	.95	1.4	1.6	2.0	2.3	98	122	133
	●	3	1.4	–	.97	1.1	1.7	1.9	2.4	2.7	86	112	126
	●	4	1.7	–	1.3	1.5	2.2	2.6	3.2	3.6	97	123	132
	●	5	1.9	1.0	1.6	1.9	2.8	3.2	3.9	4.6	114	128	142

Other body types may be available. Contact your sales engineer for further information.

Highlighted column shows the rated pressure.



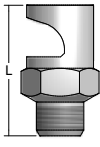
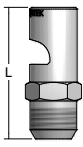
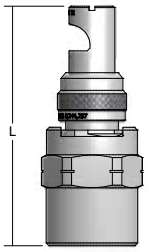
W PERFORMANCE DATA:
WIDE ANGLE SPRAY

Inlet Conn. (in.)	UniJet® FloodJet Tip Type	Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)							Spray Angle (°)		
				0.2 bar	0.5 bar	0.7 bar	1.5 bar	2 bar	3 bar	4 bar	0.5 bar	1.5 bar	4 bar
1/4	●	7.5	2.3	1.5	2.4	2.9	4.2	4.8	5.9	6.8	101	119	134
	●	10	2.7	2.0	3.2	3.8	5.6	6.4	7.9	9.1	115	133	145
	●	12	2.9	2.4	3.9	4.6	6.7	7.7	9.5	10.9	128	139	153
	●	15	3.3	3.1	4.8	5.7	8.4	9.7	11.8	13.7	98	113	123
	●	18	3.6	3.7	5.8	6.9	10.1	11.6	14.2	16.4	106	120	131
	●	20	3.8	4.1	6.4	7.6	11.2	12.9	15.8	18.2	110	122	133
	●	24	4.1	4.9	7.7	9.2	13.4	15.5	19.0	22	115	131	144
	●	30	4.6	6.1	9.7	11.4	16.8	19.3	24	27	100	110	121
	●	40	5.3	8.2	12.9	15.3	22	26	32	36	111	126	136
	●	50	5.9	10.2	16.1	19.1	28	32	39	46	117	131	140

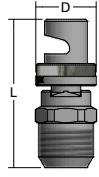
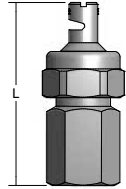
Other body types may be available. Contact your sales engineer for further information.

Highlighted column shows the rated pressure.

DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (mm)	Hex. (in.)	D (Dia.) (mm)	Net Weight (kg)
	K (M)	1/8	32.5	7/16	–	0.01
		1/4	34.1	9/16	–	0.03
		3/8	44.5	11/16	–	0.06
		1/2	50.8	7/8	–	0.11
		3/4	65.1	1-1/2	–	0.40
		1	92.1	1-7/8	–	0.91
	TEK (M)	1/8	28.6	7/16	–	0.02
		1/4	38.6	9/16	–	0.04
	QJA (F) + QTKA	1/8, 1/4, 3/8, 1/2	64.3	1	–	0.14
	QJJA (M) + QTKA	1/8, 1/4, 3/8, 1/2	61.9	7/8	–	0.13

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (mm)	Hex. (in.)	D (Dia.) (mm)	Net Weight (kg)
	QJJS (M) + QSTK	1/8, 1/4, 3/8, 1/2	37.3	9/16	15.1	0.04
	T (F) + TK	1/4	50.8	13/16	–	0.07
	TT (M) + TK	1/4	50.8	13/16	–	0.06

Based on the largest/heaviest version of each type.