

QUICK *VeeJet*® Spray Nozzles • Standard Spray Small Capacity



IMPROVED TECHNOLOGY
ENSURES TROUBLE-FREE PERFORMANCE AND FAST MAINTENANCE

FLAT SPRAY NOZZLES

Typical assembly for Miniature Quick VeeJet spray nozzles

Typical spray nozzle assembly for QVVA, QUA, & QLUA spray tips



QJJS male body



QJA and QJLA female bodies or



Seal



Spray tip



QJJA and QJLA male bodies



Spray tip

OSVV



Quick VeeJet nozzle miniature spray tip

OSU



Quick VeeJet nozzle miniature spray tip

QVVA



Quick VeeJet nozzle spray tip

QUA



Quick VeeJet nozzle spray tip

QLUA



Quick VeeJet nozzle spray tip

COMMON APPLICATIONS

- Metal cleaning and processing
- Spray coating
- Degreasing and rinsing
- Parts washing
- Spray cooling
- Pressure cleaning
- Sand, coal, and gravel washing

DESIGN FEATURES

FOR MORE QUICKJET® SYSTEM INFO SEE SECTION A

Quick VeeJet flat spray tips offer the advantages of standard VeeJet nozzles and save time with quick-connect 1/4 turn installation and automatic spray pattern alignment. Nozzles are available in brass with a Buna-N seal or in 303 stainless steel with a VITON® seal.

- **Model OSVV** and **OSU** Quick VeeJet tips combine high impact flat spray patterns with small tip sizes. OSVV tips offer flow rates

below 1 gpm at 40 psi (3.9 l/min at 3 bar). OSU tips provide flow rates of 1 gpm or greater at 40 psi (3.9 l/min at 3 bar).

- **Model QVVA** Quick VeeJet tips offer flow rates below 1 gpm at 40 psi (3.9 l/min at 3 bar).
- **Model QUA** and **QLUA** Quick VeeJet tips provide flow rates of 1 gpm or greater at 40 psi (3.9 l/min at 3 bar).

ACCESSORIES

- Strainers
- Check Valves

See Section L for more info.



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Small Capacity

FLAT SPRAY NOZZLES

PERFORMANCE DATA

Spray Angle at 3 bar	Quick VeeJet Tip Type					Capacity Size	Equiv. Orifice Dia. (mm)	Capacity (liters per minute)															Spray Angle			
	QSVV	QVVA	QSU	QUA	QLUA			0.3 bar	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	14 bar				
110°	•	•				01	.66	.12	.23	.32	.39	.46	.51	.56	.60	.72	1.0	1.3	94°	110°	121°	124°				
	•	•				015	.81	.19	.34	.48	.59	.68	.76	.84	.90	1.1	1.5	2.0	97°	110°	121°	124°				
	•	•				02	.91	.25	.46	.64	.79	.91	1.0	1.1	1.2	1.4	2.0	2.7	98°	110°	120°	123°				
	•	•				03	1.1	.37	.68	.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	99°	110°	120°	123°				
		•				04	1.3	.50	.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	100°	110°	119°	122°				
		•				05	1.4	.62	1.1	1.6	2.0	2.3	2.5	2.8	3.0	3.6	5.1	6.7	100°	110°	118°	122°				
		•				06	1.5	.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	101°	110°	117°	122°				
		•				08	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	102°	110°	117°	121°				
		•				10	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	103°	110°	117°	119°				
		•				15	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	104°	110°	117°	118°				
	•				20	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	105°	110°	117°	118°					
95°	•	•				01	.66	.12	.23	.32	.39	.46	.51	.56	.60	.72	1.0	1.3	81°	95°	105°	113°				
		•				015	.81	.19	.34	.48	.59	.68	.76	.84	.90	1.1	1.5	2.0	82°	95°	105°	113°				
		•				02	.91	.25	.46	.64	.79	.91	1.0	1.1	1.2	1.4	2.0	2.7	82°	95°	105°	113°				
		•				03	1.1	.37	.68	.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	83°	95°	104°	111°				
		•				04	1.3	.50	.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	84°	95°	103°	108°				
		•				05	1.4	.62	1.1	1.6	2.0	2.3	2.5	2.8	3.0	3.6	5.1	6.7	84°	95°	102°	107°				
		•				06	1.5	.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	86°	95°	101°	106°				
		•				08	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	87°	95°	100°	105°				
			•		•	10	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	89°	95°	100°	105°				
				•	•	15	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	90°	95°	100°	105°				
				•	•	20	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	90°	95°	100°	105°				
					•	30	3.4	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	91°	95°	101°	105°				
					•	40	3.8	5.0	9.1	12.9	15.8	18.2	20	22	24	29	41	54	92°	95°	100°	105°				
				•	50	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	93°	95°	99°	103°					
				•	60	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	93°	95°	99°	103°					
				•	70	5.2	8.7	16.0	23	28	32	36	39	42	50	71	94	93°	95°	99°	103°					
					100	6.2	12.5	23	32	39	46	51	56	60	72	102	135	93°	95°	99°	102°					
	•				150	7.5	18.7	34	48	59	68	76	84	90	108	153	205	93°	95°	99°	102°					
80°	•	•				0050	.46	—	.11	.16	.20	.23	.25	.28	.30	.36	.51	.67	61°	80°	95°	101°				
	•	•				0067	.53	—	.15	.22	.26	.31	.34	.37	.40	.48	.68	.90	67°	80°	94°	99°				
	•	•				01	.66	—	.23	.32	.39	.46	.51	.56	.60	.72	1.0	1.3	68°	80°	89°	92°				
	•	•				015	.81	—	.34	.48	.59	.68	.76	.84	.90	1.1	1.5	2.0	68°	80°	89°	92°				
	•	•				02	.91	.25	.46	.64	.79	.91	1.0	1.1	1.2	1.4	2.0	2.7	69°	80°	88°	91°				
	•	•				03	1.1	.37	.68	.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	70°	80°	87°	90°				
	•	•				04	1.3	.50	.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	71°	80°	86°	89°				



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PERFORMANCE DATA

Spray Angle at 3 bar	Quick VeeJet Tip Type					Capacity Size	Equiv. Orifice Dia. (mm)	Capacity (liters per minute)															Spray Angle			
	QSVV	QVVA	QSU	QUA	QLUA			0.3 bar	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	14 bar				
80°		•				05	1.4	.62	1.1	1.6	2.0	2.3	2.5	2.8	3.0	3.6	5.1	6.7	71°	80°	86°	89°				
	•	•				06	1.5	.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	72°	80°	85°	88°				
	•	•				08	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	72°	80°	84°	87°				
			•	•		10	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	73°	80°	84°	87°				
			•	•		15	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	74°	80°	83°	86°				
			•	•		20	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	74°	80°	83°	86°				
				•		30	3.4	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	74°	80°	83°	86°				
				•		40	3.9	5.0	9.1	12.9	15.8	18.2	20	22	24	29	41	54	74°	80°	83°	86°				
				•		50	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	74°	80°	83°	85°				
				•		60	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	75°	80°	83°	85°				
				•	70	5.2	8.7	16.0	23	28	32	36	39	42	50	71	94	75°	80°	83°	86°					
				•	100	6.2	12.5	23	32	39	46	51	56	60	72	102	135	75°	80°	83°	86°					
				•	150	7.5	18.7	34	48	59	68	76	84	90	108	153	205	73°	80°	84°	86°					
				•	200	8.7	25	46	64	79	91	102	112	121	144	205	270	74°	80°	82°	85°					
73°		•				0023	.30	—	.05	.07	.09	.10	.11	.12	.14	.17	.23	.31	50°	73°	89°	97°				
		•				0039	.41	—	.09	.13	.15	.18	.20	.22	.24	.28	.40	.53	53°	73°	87°	93°				
		•				0077	.58	—	.18	.25	.30	.35	.39	.43	.46	.55	.78	1.0	53°	73°	86°	92°				
		•				0116	.71	.14	.26	.37	.46	.53	.59	.65	.70	.84	1.2	1.6	54°	73°	85°	90°				
		•				0154	.81	.19	.35	.50	.61	.70	.78	.86	.93	1.1	1.6	2.1	55°	73°	84°	88°				
		•				0231	.96	.29	.53	.74	.91	1.1	1.2	1.3	1.4	1.7	2.4	3.1	56°	73°	83°	87°				
		•				0308	1.1	.38	.70	.99	1.2	1.4	1.6	1.7	1.9	2.2	3.1	4.2	58°	73°	82°	86°				
		•				0385	1.2	.48	.88	1.2	1.5	1.8	2.0	2.1	2.3	2.8	3.9	5.2	59°	73°	81°	85°				
		•				0462	1.4	.58	1.1	1.5	1.8	2.1	2.4	2.6	2.8	3.3	4.7	6.2	60°	73°	80°	84°				
		•				0616	1.6	.77	1.4	2.0	2.4	2.8	3.1	3.4	3.7	4.4	6.3	8.3	63°	73°	79°	83°				
	•				0770	1.7	.96	1.8	2.5	3.0	3.5	3.9	4.3	4.6	5.5	7.8	10.4	64°	73°	77°	82°					
	•				0924	1.9	1.2	2.1	3.0	3.6	4.2	4.7	5.2	5.6	6.7	9.4	12.5	65°	73°	77°	80°					
65°		•				0017	.28	—	—	.05	.06	.07	.08	.09	.10	.12	.17	.23	44°	65°	77°	86°				
		•				0025	.33	—	—	.08	.10	.11	.13	.14	.15	.18	.25	.34	45°	65°	77°	84°				
		•				0033	.38	—	—	.11	.13	.15	.17	.18	.20	.24	.34	.44	47°	65°	76°	83°				
		•				0050	.46	—	—	.16	.20	.23	.25	.28	.30	.36	.51	.67	48°	65°	75°	82°				
		•				0067	.53	—	.15	.22	.26	.31	.34	.37	.40	.48	.68	.90	50°	65°	75°	81°				
		•				01	.66	—	.23	.32	.39	.46	.51	.56	.60	.72	1.0	1.3	51°	65°	74°	80°				
		•				015	.81	—	.34	.48	.59	.68	.76	.84	.90	1.1	1.5	2.0	51°	65°	74°	80°				
	•	•				02	.91	.25	.46	.64	.79	.91	1.0	1.1	1.2	1.4	2.0	2.7	52°	65°	73°	79°				
	•	•				03	1.1	.37	.68	.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	53°	65°	72°	78°				
		•				04	1.3	.50	.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	53°	65°	72°	76°				



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Spray Angle at 3 bar	Quick VeeJet Tip Type					Capacity Size	Equiv. Orifice Dia. (mm)	Capacity (liters per minute)															Spray Angle			
	QSVV	QVVA	QSU	QUA	QLUA			0.3 bar	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	14 bar				
65°		•				05	1.4	.62	1.1	1.6	2.0	2.3	2.5	2.8	3.0	3.6	5.1	6.7	53°	65°	72°	76°				
		•				06	1.5	.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	54°	65°	72°	75°				
		•				08	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	55°	65°	71°	74°				
				•		10	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	56°	65°	71°	74°				
				•		15	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	56°	65°	70°	73°				
				•		20	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	57°	65°	70°	73°				
				•		30	3.4	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	58°	65°	69°	72°				
				•		40	3.9	5.0	9.1	12.9	15.8	18.2	20	22	24	29	41	54	59°	65°	68°	72°				
				•		50	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	60°	65°	68°	71°				
				•		60	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	60°	65°	68°	71°				
				•		70	5.2	8.7	16.0	23	28	32	36	39	42	50	71	94	60°	65°	68°	71°				
				•	100	6.2	12.5	23	32	39	46	51	56	60	72	102	135	58°	65°	69°	70°					
				•	150	7.5	18.7	34	48	59	68	76	84	90	108	153	205	59°	65°	68°	70°					
				•	200	8.7	25	46	64	79	91	102	112	121	144	205	270	60°	65°	67°	69°					
50°		•				0017	.28	—	—	.05	.06	.07	.08	.09	.10	.12	.17	.23	27°	50°	65°	74°				
		•				0025	.33	—	—	.08	.10	.11	.13	.14	.15	.18	.25	.34	29°	50°	64°	71°				
		•				0033	.38	—	—	.11	.13	.15	.17	.18	.20	.24	.34	.44	30°	50°	62°	68°				
		•				0050	.46	—	—	.16	.20	.23	.25	.28	.30	.36	.51	.67	32°	50°	60°	66°				
		•				0067	.53	—	—	.22	.26	.31	.34	.37	.40	.48	.68	.90	35°	50°	60°	66°				
		•				01	.66	—	.23	.32	.39	.46	.51	.56	.60	.72	1.0	1.3	37°	50°	59°	65°				
		•				015	.81	—	.34	.48	.59	.68	.76	.84	.90	1.1	1.5	2.0	38°	50°	58°	64°				
		•				02	.91	—	.46	.64	.79	.91	1.0	1.1	1.2	1.4	2.0	2.7	39°	50°	57°	63°				
		•				03	1.1	.37	.68	.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	40°	50°	56°	62°				
		•				04	1.3	.50	.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	42°	50°	56°	61°				
		•				05	1.4	.62	1.1	1.6	2.0	2.3	2.5	2.8	3.0	3.6	5.1	6.7	44°	50°	56°	61°				
		•				06	1.5	.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	45°	50°	56°	60°				
		•				08	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	45°	50°	55°	60°				
				•		10	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	45°	50°	55°	59°				
				•		15	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	45°	50°	55°	59°				
				•		20	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	45°	50°	55°	59°				
				•		30	3.4	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	45°	50°	55°	59°				
			•		40	3.9	5.0	9.1	12.9	15.8	18.2	20	22	24	29	41	54	46°	50°	54°	59°					
			•		50	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	46°	50°	54°	59°					
			•		60	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	46°	50°	54°	59°					
			•		70	5.2	8.7	16.0	23	28	32	36	39	42	50	71	94	46°	50°	54°	59°					



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PERFORMANCE DATA

Spray Angle at 3 bar	Quick VeeJet Tip Type					Capacity Size	Equiv. Orifice Dia. (mm)	Capacity (liters per minute)													Spray Angle			
	QSVV	QVVA	QSU	QUA	QLUA			0.3 bar	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	14 bar		
50°					●	100	6.2	12.5	23	32	39	46	51	56	60	72	102	135	44°	50°	52°	54°		
					●	120	6.7	15.0	27	39	47	55	61	67	72	86	122	162	44°	50°	53°	55°		
					●	150	7.5	18.7	34	48	59	68	76	84	90	108	153	205	45°	50°	52°	55°		
					●	200	8.7	25	46	64	79	91	102	112	121	144	205	270	46°	50°	52°	55°		
40°		●				0017	.28	—	—	.05	.06	.07	.08	.09	.10	.12	.17	.23	21°	40°	54°	61°		
		●				0025	.33	—	—	.08	.10	.11	.13	.14	.15	.18	.25	.34	22°	40°	53°	60°		
		●				0033	.38	—	—	.11	.13	.15	.17	.18	.20	.24	.34	.44	22°	40°	53°	60°		
		●				0050	.46	—	—	.16	.20	.23	.25	.28	.30	.36	.51	.67	22°	40°	53°	60°		
		●				0067	.53	—	—	.22	.26	.31	.34	.37	.40	.48	.68	.90	24°	40°	53°	60°		
		●				01	.66	—	—	.32	.39	.46	.51	.56	.60	.72	1.0	1.3	26°	40°	52°	59°		
		●				015	.81	—	—	.48	.59	.68	.76	.84	.90	1.1	1.5	2.0	27°	40°	52°	59°		
		●				02	.91	—	.46	.64	.79	.91	1.0	1.1	1.2	1.4	2.0	2.7	29°	40°	51°	58°		
		●				03	1.1	—	.68	.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	30°	40°	50°	57°		
		●				04	1.3	—	.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	30°	40°	50°	56°		
		●				05	1.4	—	1.1	1.6	2.0	2.3	2.5	2.8	3.0	3.6	5.1	6.7	31°	40°	49°	55°		
		●				06	1.5	—	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	31°	40°	49°	55°		
		●				08	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	31°	40°	47°	53°		
					●	10	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	32°	40°	45°	48°		
					●	15	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	32°	40°	45°	48°		
					●	20	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	32°	40°	45°	48°		
					●	30	3.4	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	33°	40°	45°	48°		
					●	40	3.9	5.0	9.1	12.9	15.8	18.2	20	22	24	29	41	54	34°	40°	45°	48°		
					●	50	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	35°	40°	45°	48°		
				●	60	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	35°	40°	45°	48°			
				●	70	5.2	8.7	16.0	23	28	32	36	39	42	50	71	94	35°	40°	45°	48°			
				●	100	6.2	12.5	23	32	39	46	51	56	60	72	102	135	34°	40°	43°	46°			
				●	150	7.5	18.7	34	48	59	68	76	84	90	108	153	205	35°	40°	43°	44°			
				●	200	8.7	25	46	64	79	91	102	112	121	144	205	270	36°	40°	42°	44°			
25°		●				0017	.28	—	—	.05	.06	.07	.08	.09	.10	.12	.17	.23	—	25°	35°	47°		
		●				0025	.33	—	—	.08	.10	.11	.13	.14	.15	.18	.25	.34	—	25°	35°	45°		
		●				0033	.38	—	—	.11	.13	.15	.17	.18	.20	.24	.34	.44	—	25°	34°	44°		
		●				0050	.46	—	—	.16	.20	.23	.25	.28	.30	.36	.51	.67	—	25°	34°	43°		
		●				0067	.53	—	—	.22	.26	.31	.34	.37	.40	.48	.68	.90	—	25°	34°	42°		
		●				01	.66	—	—	.32	.39	.46	.51	.56	.60	.72	1.0	1.3	14°	25°	34°	42°		
		●				015	.81	—	.34	.48	.59	.68	.76	.83	.90	1.1	1.5	2.0	15°	25°	34°	41°		



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FLAT SPRAY NOZZLES

PERFORMANCE DATA

Spray Angle at 3 bar	Quick VeeJet Tip Type					Capacity Size	Equiv. Orifice Dia. (mm)	Capacity (liters per minute)															Spray Angle			
	QSVV	QVVA	QSU	QUA	QLUA			0.3 bar	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	14 bar				
25°		•				02	.91	—	.46	.64	.79	.91	1.0	1.1	1.2	1.4	2.0	2.7	15°	25°	33°	40°				
		•				03	1.1	—	.68	.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	15°	25°	33°	40°				
		•				04	1.3	—	.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	16°	25°	32°	39°				
		•				05	1.4	—	1.1	1.6	2.0	2.3	2.5	2.8	3.0	3.6	5.1	6.7	16°	25°	32°	39°				
		•				06	1.5	—	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	17°	25°	31°	38°				
		•				08	1.8	—	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	17°	25°	31°	38°				
					•	10	2.0	—	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	18°	25°	31°	37°				
					•	15	2.4	—	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	18°	25°	31°	37°				
					•	20	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	19°	25°	31°	37°				
					•	30	3.4	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	20°	25°	30°	36°				
					•	40	3.9	5.0	9.1	12.9	15.8	18.2	20	22	24	29	41	54	21°	25°	29°	35°				
					•	50	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	21°	25°	29°	35°				
					•	60	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	22°	25°	29°	35°				
					•	70	5.2	8.7	16.0	23	28	32	36	39	42	50	71	94	22°	25°	29°	35°				
				•	100	6.2	12.5	23	32	39	46	51	56	60	72	102	135	23°	25°	28°	32°					
				•	150	7.5	18.7	34	48	59	68	76	84	90	108	153	205	24°	25°	28°	30°					
				•	200	8.7	25	46	64	79	91	102	112	121	144	205	270	24°	25°	26°	29°					
15°		•				0017	.28	—	—	.05	.06	.07	.08	.09	.10	.12	.17	.23	—	15°	30°	37°				
		•				0025	.33	—	—	.08	.10	.11	.13	.14	.15	.18	.25	.34	—	15°	28°	34°				
		•				0033	.38	—	—	.11	.13	.15	.17	.18	.20	.24	.34	.44	—	15°	27°	32°				
		•				0050	.46	—	—	.16	.20	.23	.25	.28	.30	.36	.51	.67	—	15°	27°	32°				
		•				0067	.53	—	—	.22	.26	.31	.34	.37	.40	.48	.68	.90	—	15°	25°	29°				
		•				01	.66	—	—	.32	.39	.46	.51	.56	.60	.72	1.0	1.3	—	15°	24°	28°				
		•				015	.81	—	—	.48	.59	.68	.76	.84	.90	1.1	1.5	2.0	—	15°	23°	27°				
		•				02	.91	—	—	.64	.79	.91	1.0	1.1	1.2	1.4	2.0	2.7	6°	15°	22°	27°				
		•				03	1.1	—	—	.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	6°	15°	22°	27°				
		•				04	1.3	—	—	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	7°	15°	21°	26°				
		•				05	1.4	—	—	1.6	2.0	2.3	2.5	2.8	3.0	3.6	5.1	6.7	7°	15°	21°	26°				
		•				06	1.5	—	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	8°	15°	21°	26°				
					•	08	1.8	—	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	9°	15°	20°	25°				
					•	10	2.0	—	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	10°	15°	19°	24°				
				•	15	2.4	—	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	10°	15°	19°	24°					
				•	20	2.8	—	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	10°	15°	19°	23°					
				•	30	3.4	—	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	10°	15°	19°	21°					
				•	40	3.9	—	9.1	12.9	15.8	18.2	20	22	24	29	41	54	10°	15°	18°	21°					
				•	50	4.4	—	11.4	16.1	19.7	23	25	28	30	36	51	68	11°	15°	18°	21°					



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FLAT SPRAY NOZZLES

PERFORMANCE DATA

Spray Angle at 3 bar	Quick VeeJet Tip Type					Capacity Size	Equiv. Orifice Dia. (mm)	Capacity (liters per minute)														Spray Angle			
	QSVV	QVVA	QSU	QUA	QLUA			0.3 bar	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	14 bar			
15°				•		60	4.8	—	13.7	19.3	24	27	31	33	36	43	61	81	11°	15°	18°	21°			
				•		70	5.2	—	16.0	23	28	32	36	39	42	50	71	94	11°	15°	18°	21°			
					•	100	6.2	12.5	23	32	39	46	51	56	60	72	102	135	13°	15°	17°	18°			
					•	120	6.8	15.0	27	39	47	55	61	67	72	86	122	162	13°	15°	17°	18°			
					•	150	7.5	18.7	34	48	59	68	76	84	90	108	153	205	14°	15°	17°	18°			
					•	200	8.7	25	46	64	79	91	102	112	121	144	205	270	14°	15°	17°	18°			
00°		•				0009	.20	.01	.02	.03	.035	.04	.045	.05	.06	.07	.09	.12	00° Solid Stream						
		•				0012	.25	.02	.03	.04	.05	.055	.06	.067	.08	.09	.12	.16							
		•				0019	.30	.02	.04	.06	.08	.09	.10	.11	.12	.14	.19	.26							
	•	•				0021	.34	.03	.05	.07	.08	.10	.11	.12	.13	.15	.21	.28							
		•				0050	.48	.06	.11	.16	.20	.23	.25	.28	.30	.36	.51	.67							
		•				0067	.58	.08	.15	.22	.26	.31	.34	.37	.40	.48	.68	.90							
		•				01	.71	.12	.23	.32	.39	.46	.51	.56	.60	.72	1.0	1.3							
		•				015	.86	.19	.34	.48	.59	.68	.76	.84	.90	1.1	1.5	2.0							
		•				02	.99	.25	.46	.64	.79	.91	1.0	1.1	1.2	1.4	2.0	2.7							
		•				03	1.2	.37	.68	.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0							
		•			•	04	1.4	.50	.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4							
		•			•	05	1.5	.62	1.1	1.6	2.0	2.3	2.5	2.8	3.0	3.6	5.1	6.7							
		•			•	06	1.7	.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1							
		•			•	08	2.0	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8							
		•			•	10	1.9	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5							
					•	15	2.3	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20							
					•	20	3.2	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27							
					•	30	3.3	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40							
					•	40	3.8	5.0	9.1	12.9	15.8	18.2	20	22	24	29	41	54							
					•	50	4.2	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68							
				•	60	4.6	7.5	13.7	19.3	24	27	31	33	36	43	61	81								
				•	70	5.0	8.7	16.0	23	28	32	36	39	42	50	71	94								
				•	80	5.4	10.0	18.2	26	32	36	41	45	48	58	82	108								
				•	100	6.0	12.5	23	32	39	46	51	56	60	72	102	135								
				•	120	6.6	15.0	27	39	47	55	61	67	72	86	122	162								
				•	150	7.3	18.7	34	48	59	68	76	84	90	108	153	205								
				•	200	8.5	25	46	64	79	91	102	112	121	144	205	270								
				•	250	9.5	31	57	81	99	114	127	140	151	180	255	340								



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FLAT SPRAY NOZZLES

MATERIALS

Material	Material Code	Spray Tip				
		QSVV	QVVA	QSU	QUA	QLUA
Brass	(none)	•	•	•	•	•
303 Stainless Steel	SS	•	•	•	•	•

Other materials available upon request.

BODY TYPES

Nozzle Inlet Conn. NPT or BSPT	Standard Body				
	Conn. F		Conn. M		
	QJA	QJLA	QJJA	QJLA	QJLA
1/8	•		•	•	
1/4	•		•	•	
3/8	•	•		•	•
1/2	•	•		•	•

Notes:

QuickJet miniature spray nozzle tips QSVV and QSU are to be used with QJJS nozzle bodies.

- Maximum tip Capacity Size for 1/8" inlet connection is 08 at all available spray angles.
- Maximum tip Capacity Size for 1/4" inlet connection is 20 at all available spray angles.

QuickJet spray nozzle tips QVVA and QUA are to be used with QJA and QJJA nozzle bodies.

- Maximum tip Capacity Size for 1/8" inlet connection is 50 at all available spray angles.
- Maximum tip Capacity Size for 1/4", 3/8", and 1/2" inlet connections is 80 at all available spray angles.

QuickJet spray nozzle tip QLUA is to be used with QJLA and QJJLA nozzle bodies.

- Maximum tip Capacity Size for 3/8" and 1/2" inlet connections is 250 at all available spray angles.

DIMENSIONS & WEIGHTS

QSVV, QSU	Nozzle Type	Length (mm)	Hex. (mm)	Net Weight (kg)
	QJJS+QSVV	28	14.3	.03
	QJJS+QSU	30	14.3	.03
	QJA+QVVA	55	25.4	.07
	QJJA+QVVA	53	25.4	.06
	QJA+QUA	51	25.4	.08
	QJJA+QUA	49	25.4	.06
	QJLA+QLUA	59	28.6	.13
	QJJLA+QLUA	60	28.6	.12

Based on largest/heaviest version of each type.

ORDERING INFO

QUICKJET® STANDARD COMPLETE NOZZLE						
NOZZLE BODY			SPRAY TIP			
1/4	QJJA	- SS	+	QVVA	- SS	110 10
Inlet Conn.	Body Type	Material Code		Tip Type	Material Code	Spray Angle Capacity Size

QUICKJET MINIATURE COMPLETE NOZZLE						
NOZZLE BODY			SPRAY TIP			
1/8	QJJS	- SS	+	QSVV	- SS	110 03
Inlet Conn.	Body Type	Material Code		Tip Type	Material Code	Spray Angle Capacity Size



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