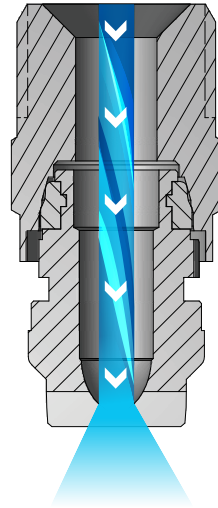


**OVERVIEW: QUICK VEEJET AND PROMAX QUICK VEEJET**

- 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 important
- Flat fan type, tapered edge spray pattern
- Spray angles from 0° to 110°
- Uniform spray distribution with flow rates from .035 to 68 gpm (.14 to 255 lpm)
- Operating pressures up to 300 psi (20 bar)
- Choice of metal or ProMax. ProMax features:
  - ProMax material, a special grade of polypropylene, resists build-up and chemical attack; for use up to 150 psi (10 bar)
  - Internal O-ring provides a positive seal between the body and tip; seal remains attached to tip eliminating accidental loss
  - Optional external O-ring protects nozzle from contaminants
  - Tips are color-coded for easy flow rate identification



**Quick VeeJet and ProMax Quick VeeJet Nozzles**

As the liquid exits through the sharp V shape cut of the orifice, it forms into a flat spray pattern. The distribution is tapered from the center of the spray.

**QUICK VEEJET AND MINIATURE QUICK VEEJET OPTIONS**

**S**



**QLUA Spray Tip + QJLA Body**  
3/8" to 1/2" male conn.



**QJLA Body**  
3/8" to 1/2" female conn.



**QJA Body**  
1/8" to 1/2" female conn.



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



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

**S**



**QUA Spray Tip**  
Flow rates of 1 to 8 gpm at 40 psi  
(3.9 to 32 lpm at 2.8 bar)  
Use with QJA or QJJA bodies

**S**



**QVVA Spray Tip**  
Flow rates below 1 gpm at 40 psi  
(3.9 lpm at 2.8 bar)  
Use with QJA or QJJA bodies

**S**



**QSVV Spray Tip – Miniature version**  
Flow rates below 1 gpm at 40 psi  
(3.9 lpm at 2.8 bar)  
Use with QJJS body













PROMAX QUICK VEEJET AND PROMAX MINIATURE QUICK VEEJET OPTIONS



**OPTA Spray Tip + QPPA Body**  
1/4" to 3/8" male conn.  
Optional external O-ring



**QMVV Miniature Spray Tip + QPPM Miniature Body**  
1/8" to 1/4" male conn.  
Options: body strainer, tip strainer and external O-ring

 <p><b>OPTA Spray Tip – White</b> 1.0 gpm (3.9 lpm) Use with QPPA body</p>	 <p><b>OPTA Spray Tip – Grey</b> 1.5 gpm (5.9 lpm) Use with QPPA body</p>	 <p><b>QMVV Spray Tip – White</b> .10 gpm (.38 lpm) Use with QPPM body</p>	 <p><b>QMVV Spray Tip – Red</b> .15 gpm (.59 lpm) Use with QPPM body</p>
 <p><b>OPTA Spray Tip – Black</b> 2.0 gpm (7.9 lpm) Use with QPPA body</p>	 <p><b>OPTA Spray Tip – Orange</b> 3.0 gpm (11.8 lpm) Use with QPPA body</p>	 <p><b>QMVV Spray Tip – Gray</b> .20 gpm (.79 lpm) Use with QPPM body</p>	 <p><b>QMVV Spray Tip – Black</b> .30 gpm (1.2 lpm) Use with QPPM body</p>
 <p><b>OPTA Spray Tip – Green</b> 4.0 gpm (15.8 lpm) Use with QPPA body</p>	 <p><b>OPTA Spray Tip – Yellow</b> 5.0 gpm (19.7 lpm) Use with QPPA body</p>	 <p><b>QMVV Spray Tip – Orange</b> .40 gpm (1.6 lpm) Use with QPPM body</p>	 <p><b>QMVV Spray Tip – Green</b> .50 gpm (2.0 lpm) Use with QPPM body</p>
 <p><b>OPTA Spray Tip – Blue</b> 6.0 gpm (24 lpm) Use with QPPA body</p>	 <p><b>OPTA Spray Tip – Red</b> 7.0 gpm (28 lpm) Use with QPPA body</p>	 <p><b>QMVV Spray Tip – Yellow</b> .60 gpm (2.4 lpm) Use with QPPM body</p>	 <p><b>QMVV Spray Tip – Blue</b> .80 gpm (3.2 lpm) Use with QPPM body</p>

Capacities at 40 psi (2.8 bar).

**RELATIVE DROP SIZE  
IN MICRONS**

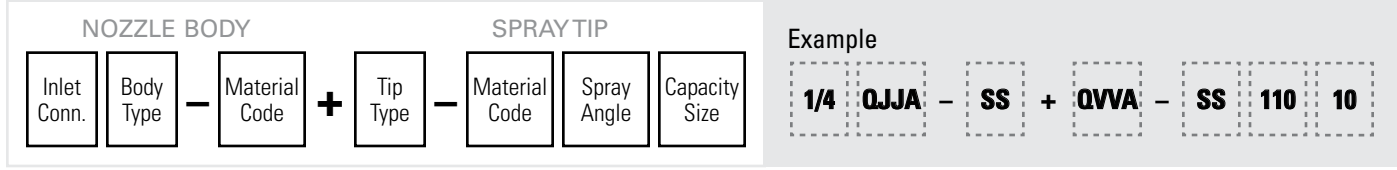
 10 to 100	 100 to 500	 500 to 1000	 1000 to 5000
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Drop size will vary based on flow rate and pressure.

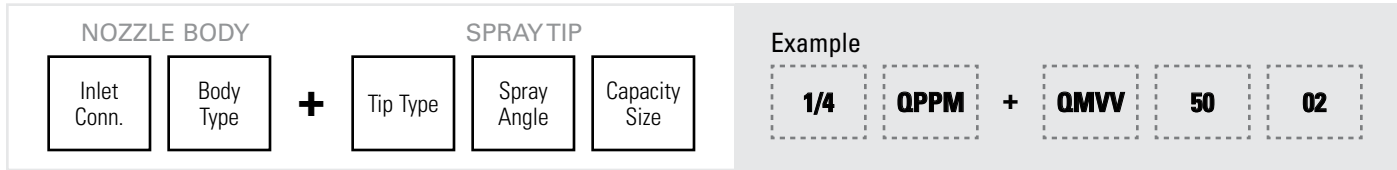


**ORDERING INFORMATION**

**METAL QUICK VEEJET**



**PROMAX QUICK VEEJET**



Options for miniature ProMax Quick VeeJet nozzles:

1/8" conn.: Kynar body strainer: CP39212-1-KY

1/4" conn.: Kynar body strainer: CP39212-2-KY

Kynar tip strainer: CP45095

External O-ring: CP7717-2/13-VI

Optional external O-ring for standard ProMax Quick VeeJet nozzle: CP7717-2/17-VI

**QUICK REFERENCE GUIDE**

Model	Connection	Connection Size (in.)	Materials	Page Number	
				Performance Data	Dimensions and Weights
<b>QJJS body</b>	M	1/8 to 1/4	Brass, 303 stainless steel (SS)	–	C23
<b>QSVV spray tip</b>	NA	NA		C17–C22	
<b>QJA and QJLA bodies</b>	F	1/8 to 1/2		–	
<b>QJJA and QJJLA bodies</b>	M	1/8 to 1/2		–	
<b>QLUA, QUA and QVVA spray tips</b>	NA	NA		C17–C22	
<b>QPPM body</b>	M	1/8 to 1/4	ProMax	–	
<b>QMVV spray tips</b>	NA	NA		C17–C22	
<b>QPPA body</b>	M	1/8 to 1/2		–	
<b>QPTA spray tips</b>	NA	NA		C17–C22	

F = female thread; M = male thread; NA = not applicable. There is no material code for brass. Leave material code blank when ordering. For ProMax, the material code is built into part number. Other materials available upon request.

For more dimensions and sizes, contact your sales engineer.

**See page B16 for maximum operating pressures for ProMax QuickJet nozzles at various temperatures.**



**S** PERFORMANCE DATA:  
STANDARD ANGLE SPRAY

Spray Angle at 40 psi	Quick VeeJet Tip Type						Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	QSVV	QVVA	QUA	QLUA	QMVV	QPTA			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	175* psi	200** psi	300 psi	20 psi	40 psi	80 psi	200 psi
110°	•	•					01	.026	.035	.05	.07	.10	.14	.16	.21	.22	.27	94	110	121	124
	•	•			•		015	.032	.05	.08	.11	.15	.21	.24	.31	.34	.41	97	110	121	124
	•	•			•		02	.036	.07	.10	.14	.20	.28	.32	.42	.45	.55	98	110	120	123
	•	•			•		03	.043	.11	.15	.21	.30	.42	.47	.63	.67	.82	99	110	120	123
		•			•		04	.050	.14	.20	.28	.40	.57	.63	.84	.89	1.1	100	110	119	122
		•			•		05	.056	.18	.25	.35	.50	.71	.79	1.0	1.1	1.4	100	110	118	122
		•			•		06	.061	.21	.30	.42	.60	.85	.95	1.3	1.3	1.6	101	110	117	122
	•	•			•		08	.071	.28	.40	.57	.80	1.1	1.3	1.7	1.8	2.2	102	110	117	121
		•					10	.079	.35	.50	.71	1.0	1.4	1.6	2.1	2.2	2.7	103	110	117	119
		•					15	.094	.53	.75	1.1	1.5	2.1	2.4	3.1	3.4	4.1	104	110	117	118
		•					20	.109	.71	1.0	1.4	2.0	2.8	3.2	4.2	4.5	5.5	105	110	117	118
95°	•	•					01	.026	.035	.05	.07	.10	.14	.16	.21	.22	.27	81	95	105	113
		•			•		015	.032	.05	.08	.11	.15	.21	.24	.31	.34	.41	82	95	105	113
		•			•		02	.036	.07	.10	.14	.20	.28	.32	.42	.45	.55	82	95	105	113
		•			•		03	.043	.11	.15	.21	.30	.42	.47	.63	.67	.82	83	95	104	111
		•			•		04	.050	.14	.20	.28	.40	.57	.63	.84	.89	1.1	84	95	103	108
		•			•		05	.056	.18	.25	.35	.50	.71	.79	1.0	1.1	1.4	84	95	102	107
		•			•		06	.061	.21	.30	.42	.60	.85	.95	1.3	1.3	1.6	86	95	101	106
		•			•		08	.071	.28	.40	.57	.80	1.1	1.3	1.7	1.8	2.2	87	95	100	105
			•			•	10	.079	.35	.50	.71	1.0	1.4	1.6	2.1	2.2	2.7	89	95	100	105
			•			•	15	.094	.53	.75	1.1	1.5	2.1	2.4	3.1	3.4	4.1	90	95	100	105
			•			•	20	.109	.71	1.0	1.4	2.0	2.8	3.2	4.2	4.5	5.5	90	95	100	105
			•			•	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.3	6.7	8.2	91	95	101	105
			•			•	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.4	8.9	11.0	92	95	100	105
			•			•	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	10.5	11.2	13.7	93	95	99	103
			•			•	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	12.5	13.4	16.4	93	95	99	103
			•			•	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	14.6	15.7	19.2	93	95	99	103
				•			100	.243	3.5	5.0	7.1	10.0	14.1	15.8	21	22	27	93	95	99	102
	•					150	.297	5.3	7.5	10.6	15.0	21	24	31	34	41	93	95	99	102	
80°	•	•					0050	.018	–	–	.035	.050	.07	.08	.10	.11	.14	61	80	95	101
	•	•					0067	.021	–	.033	.05	.067	.09	.11	.14	.15	.18	67	80	94	99
	•	•					01	.026	–	.05	.07	.10	.14	.16	.21	.22	.27	68	80	89	92
	•	•					015	.032	–	.08	.11	.15	.21	.24	.31	.34	.41	68	80	89	92
	•	•			•		02	.036	.07	.10	.14	.20	.28	.32	.42	.45	.55	69	80	88	91

\*Maximum pressure for QMVV is 175 psi.

\*\*Maximum pressure for QPTA is 200 psi.

Highlighted column shows the rated pressure.



**S** PERFORMANCE DATA:  
STANDARD ANGLE SPRAY

Spray Angle at 40 psi	Quick VeeJet Tip Type						Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	QSVV	QVVA	QUA	QLUA	QMVV	QPTA			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	175* psi	200** psi	300 psi	20 psi	40 psi	80 psi	200 psi
80°	•	•			•		03	.043	.11	.15	.21	.30	.42	.47	.63	.67	.82	70	80	87	90
	•	•			•		04	.050	.14	.20	.28	.40	.57	.63	.84	.89	1.1	71	80	86	89
		•			•		05	.056	.18	.25	.35	.50	.71	.79	1.0	1.1	1.4	71	80	86	89
	•	•			•		06	.061	.21	.30	.42	.60	.85	.95	1.3	1.3	1.6	72	80	85	88
	•	•			•		08	.071	.28	.40	.57	.80	1.1	1.3	1.7	1.8	2.2	72	80	84	87
			•			•	10	.079	.35	.50	.71	1.0	1.4	1.6	2.1	2.2	2.7	73	80	84	87
			•			•	15	.094	.53	.75	1.1	1.5	2.1	2.4	3.1	3.4	4.1	74	80	83	86
			•			•	20	.109	.71	1.0	1.4	2.0	2.8	3.2	4.2	4.5	5.5	74	80	83	86
			•			•	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.3	6.7	8.2	74	80	83	86
			•			•	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.4	8.9	11.0	74	80	83	86
			•			•	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	10.5	11.2	13.7	74	80	83	85
			•			•	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	12.5	13.4	16.4	75	80	83	85
			•			•	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	14.6	15.7	19.2	75	80	83	86
				•			100	.243	3.5	5.0	7.1	10.0	14.1	15.8	21	22	27	75	80	83	86
				•			150	.297	5.3	7.5	10.6	15.0	21	24	31	34	41	73	80	84	86
			•			200	.343	7.1	10.0	14.1	20	28	32	42	45	55	74	80	82	85	
73°		•					0023	.012	–	–	.016	.023	.032	.036	.05	.051	.063	50	73	89	97
		•					0039	.016	–	.020	.028	.039	.055	.062	.08	.087	.11	53	73	87	93
		•					0077	.023	–	.039	.055	.077	.11	.12	.16	.17	.21	53	73	86	92
		•					0116	.028	.041	.058	.082	.12	.16	.18	.24	.26	.32	54	73	85	90
		•					0154	.032	.054	.077	.11	.15	.22	.24	.32	.34	.42	55	73	84	88
		•					0231	.038	.082	.12	.16	.23	.33	.37	.48	.52	.63	56	73	83	87
		•					0308	.044	.11	.15	.22	.31	.44	.49	.64	.69	.84	58	73	82	86
		•					0385	.049	.14	.19	.27	.39	.54	.61	.81	.86	1.1	59	73	81	85
		•					0462	.054	.16	.23	.33	.46	.65	.73	.97	1.0	1.3	60	73	80	84
		•					0616	.062	.22	.31	.44	.62	.87	.97	1.3	1.4	1.7	63	73	79	83
		•					0770	.069	.27	.39	.54	.77	1.1	1.2	1.6	1.7	2.1	64	73	77	82
		•					0924	.076	.33	.46	.65	.92	1.3	1.5	1.9	2.1	2.5	65	73	77	80
	65°	•						0017	.011	–	–	.012	.017	.024	.027	.04	.038	.047	44	65	77
•							0025	.013	–	–	.018	.025	.035	.040	.05	.06	.07	45	65	77	84
•							0033	.015	–	–	.023	.033	.047	.052	.07	.07	.09	47	65	76	83
•							0050	.018	–	–	.035	.050	.07	.08	.10	.11	.14	48	65	75	82
•							0067	.021	–	.033	.05	.067	.09	.11	.14	.15	.18	50	65	75	81
•							01	.026	–	.05	.07	.10	.14	.16	.21	.22	.27	51	65	74	80
•							015	.032	–	.08	.11	.15	.21	.24	.31	.34	.41	51	65	74	80
•		•			•		02	.036	.07	.10	.14	.20	.28	.32	.42	.45	.55	52	65	73	79

\*Maximum pressure for QMVV is 175 psi.

\*\*Maximum pressure for QPTA is 200 psi.

Highlighted column shows the rated pressure.



**S** PERFORMANCE DATA:  
**STANDARD ANGLE SPRAY**

Spray Angle at 40 psi	Quick VeeJet Tip Type						Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	QSVV	QVVA	QUA	QLUA	QMVV	QPTA			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	175* psi	200** psi	300 psi	20 psi	40 psi	80 psi	200 psi
65°	•	•			•		03	.043	.11	.15	.21	.30	.42	.47	.63	.67	.82	53	65	72	78
		•			•		04	.050	.14	.20	.28	.40	.57	.63	.84	.89	1.1	53	65	72	76
		•			•		05	.056	.18	.25	.35	.50	.71	.79	1.0	1.1	1.4	53	65	72	76
		•			•		06	.061	.21	.30	.42	.60	.85	.95	1.3	1.3	1.6	54	65	72	75
		•			•		08	.071	.28	.40	.57	.80	1.1	1.3	1.7	1.8	2.2	55	65	71	74
			•			•	10	.079	.35	.50	.71	1.0	1.4	1.6	2.1	2.2	2.7	56	65	71	74
			•			•	15	.094	.53	.75	1.1	1.5	2.1	2.4	3.1	3.4	4.1	56	65	70	73
			•			•	20	.109	.71	1.0	1.4	2.0	2.8	3.2	4.2	4.5	5.5	57	65	70	73
			•			•	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.3	6.7	8.2	58	65	69	72
			•			•	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.4	8.9	11.0	59	65	68	72
			•			•	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	10.5	11.2	13.7	60	65	68	71
			•			•	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	12.5	13.4	16.4	60	65	68	71
			•			•	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	14.6	15.7	19.2	60	65	68	71
				•			100	.243	3.5	5.0	7.1	10.0	14.1	15.8	21	22	27	58	65	69	70
				•			150	.297	5.3	7.5	10.6	15.0	21	24	31	34	41	59	65	68	70
			•			200	.343	7.1	10.0	14.1	20	28	32	42	45	55	60	65	67	69	
50°		•					0017	.011	-	-	.012	.017	.024	.027	.04	.038	.047	27	50	65	74
		•					0025	.013	-	-	.018	.025	.035	.040	.05	.06	.07	29	50	64	71
		•					0033	.015	-	-	.023	.033	.047	.052	.07	.07	.09	30	50	62	68
		•					0050	.018	-	-	.035	.050	.07	.08	.10	.11	.14	32	50	60	66
		•					0067	.021	-	-	.05	.067	.09	.11	.14	.15	.18	35	50	60	66
		•					01	.026	-	.05	.07	.10	.14	.16	.21	.22	.27	37	50	59	65
		•					015	.032	-	.08	.11	.15	.21	.24	.31	.34	.41	38	50	58	64
		•			•		02	.036	-	.10	.14	.20	.28	.32	.42	.45	.55	39	50	57	63
		•			•		03	.043	.11	.15	.21	.30	.42	.47	.63	.67	.82	40	50	56	62
		•			•		04	.050	.14	.20	.28	.40	.57	.63	.84	.89	1.1	42	50	56	61
		•			•		05	.056	.18	.25	.35	.50	.71	.79	1.0	1.1	1.4	44	50	56	61
		•			•		06	.061	.21	.30	.42	.60	.85	.95	1.3	1.3	1.6	45	50	56	60
		•			•		08	.071	.28	.40	.57	.80	1.1	1.3	1.7	1.8	2.2	45	50	55	60
			•			•	10	.079	.35	.50	.71	1.0	1.4	1.6	2.1	2.2	2.7	45	50	55	59
			•			•	15	.094	.53	.75	1.1	1.5	2.1	2.4	3.1	3.4	4.1	45	50	55	59
			•			•	20	.109	.71	1.0	1.4	2.0	2.8	3.2	4.2	4.5	5.5	45	50	55	59
			•			•	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.3	6.7	8.2	45	50	55	59
			•			•	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.4	8.9	11.0	46	50	54	59
		•			•	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	10.5	11.2	13.7	46	50	54	59	
		•			•	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	12.5	13.4	16.4	46	50	54	59	

\*Maximum pressure for QMVV is 175 psi.

\*\*Maximum pressure for QPTA is 200 psi.

Highlighted column shows the rated pressure.



**S** PERFORMANCE DATA:  
**STANDARD ANGLE SPRAY**

Spray Angle at 40 psi	Quick VeeJet Tip Type						Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)										Spray Angle (°)			
	QSVV	QVVA	QUA	QLUA	QMVV	QPTA			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	175* psi	200** psi	300 psi	20 psi	40 psi	80 psi	200 psi	
50°			●			●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	14.6	15.7	19.2	46	50	54	59	
				●			100	.243	3.5	5.0	7.1	10.0	14.1	15.8	21	22	27	44	50	52	54	
				●			120	.266	4.2	6.0	8.5	12.0	17.0	19.0	25	27	33	44	50	53	55	
				●			150	.297	5.3	7.5	10.6	15.0	21	24	31	34	41	45	50	52	55	
				●			200	.343	7.1	10.0	14.1	20	28	32	42	45	55	46	50	52	55	
40°		●					0017	.011	–	–	.012	.017	.024	.027	.04	.038	.047	21	40	54	61	
		●					0025	.013	–	–	.018	.025	.035	.040	.05	.06	.07	22	40	53	60	
		●					0033	.015	–	–	.023	.033	.047	.052	.07	.07	.09	22	40	53	60	
		●					0050	.018	–	–	.035	.050	.07	.08	.10	.11	.14	22	40	53	60	
		●					0067	.021	–	–	.05	.067	.09	.11	.14	.15	.18	24	40	53	60	
		●					01	.026	–	–	.07	.10	.14	.16	.21	.22	.27	26	40	52	59	
		●					015	.032	–	–	.11	.15	.21	.24	.31	.34	.41	27	40	52	59	
		●			●		02	.036	–	.10	.14	.20	.28	.32	.42	.45	.55	29	40	51	58	
		●			●		03	.043	–	.15	.21	.30	.42	.47	.63	.67	.82	30	40	50	57	
		●			●		04	.050	–	.20	.28	.40	.57	.63	.84	.89	1.1	30	40	50	56	
		●			●		05	.056	–	.25	.35	.50	.71	.79	1.0	1.1	1.4	31	40	49	55	
		●			●		06	.061	–	.30	.42	.60	.85	.95	1.3	1.3	1.6	31	40	49	55	
		●			●		08	.071	.28	.40	.57	.80	1.1	1.3	1.7	1.8	2.2	31	40	47	53	
			●			●	10	.079	.35	.50	.71	1.0	1.4	1.6	2.1	2.2	2.7	32	40	45	48	
			●			●	15	.094	.53	.75	1.1	1.5	2.1	2.4	3.1	3.4	4.1	32	40	45	48	
			●			●	20	.109	.71	1.0	1.4	2.0	2.8	3.2	4.2	4.5	5.5	32	40	45	48	
			●			●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.3	6.7	8.2	33	40	45	48	
			●			●	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.4	8.9	11.0	34	40	45	48	
			●			●	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	10.5	11.2	13.7	35	40	45	48	
			●			●	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	12.5	13.4	16.4	35	40	45	48	
			●			●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	14.6	15.7	19.2	35	40	45	48	
				●			100	.243	3.5	5.0	7.1	10.0	14.1	15.8	21	22	27	34	40	43	46	
				●			150	.297	5.3	7.5	10.6	15.0	21	24	31	34	41	35	40	43	44	
				●			200	.343	7.1	10.0	14.1	20	28	32	42	45	55	36	40	42	44	
	25°		●					0017	.011	–	–	–	.017	.024	.027	.04	.038	.047	–	25	35	47
		●					0025	.013	–	–	–	.025	.035	.040	.05	.06	.07	–	25	35	45	
		●					0033	.015	–	–	–	.033	.047	.052	.07	.07	.09	–	25	34	44	
		●					0050	.018	–	–	–	.050	.07	.08	.10	.11	.14	–	25	34	43	
		●					0067	.021	–	–	–	.067	.09	.11	.14	.15	.18	–	25	34	42	
		●					01	.026	–	–	.07	.10	.14	.16	.21	.22	.27	14	25	34	42	
		●					015	.032	–	–	.11	.15	.21	.24	.31	.34	.41	15	25	34	41	

\*Maximum pressure for QMVV is 175 psi.

\*\*Maximum pressure for QPTA is 200 psi.

Highlighted column shows the rated pressure.



**S** PERFORMANCE DATA:  
STANDARD ANGLE SPRAY

Spray Angle at 40 psi	Quick VeeJet Tip Type						Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	QSVV	QVVA	QUA	QLUA	QMVV	QPTA			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	175* psi	200** psi	300 psi	20 psi	40 psi	80 psi	200 psi
25°		●			●		02	.036	-	-	.14	.20	.28	.32	.42	.45	.55	15	25	33	40
		●			●		03	.043	-	-	.21	.30	.42	.47	.63	.67	.82	15	25	33	40
		●			●		04	.050	-	.20	.28	.40	.57	.63	.84	.89	1.1	16	25	32	39
		●			●		05	.056	-	.25	.35	.50	.71	.79	1.0	1.1	1.4	16	25	32	39
		●			●		06	.061	-	.30	.42	.60	.85	.95	1.3	1.3	1.6	17	25	31	38
		●			●		08	.071	-	.40	.57	.80	1.1	1.3	1.7	1.8	2.2	17	25	31	38
			●			●	10	.079	-	.50	.71	1.0	1.4	1.6	2.1	2.2	2.7	18	25	31	37
			●			●	15	.094	-	.75	1.1	1.5	2.1	2.4	3.1	3.4	4.1	18	25	31	37
			●			●	20	.109	-	1.0	1.4	2.0	2.8	3.2	4.2	4.5	5.5	19	25	31	37
			●			●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.3	6.7	8.2	20	25	30	36
			●			●	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.4	8.9	11.0	21	25	29	35
			●			●	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	10.5	11.2	13.7	21	25	29	35
			●			●	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	12.5	13.4	16.4	22	25	29	35
			●			●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	14.6	15.7	19.2	22	25	29	35
				●			100	.243	3.5	5.0	7.1	10.0	14.1	15.8	21	22	27	23	25	28	32
				●			150	.297	5.3	7.5	10.6	15.0	21	24	31	34	41	24	25	28	30
				●			200	.343	7.1	10.0	14.1	20	28	32	42	45	55	24	25	26	29
15°		●					0017	.011	-	-	-	.017	.024	.027	.04	.038	.047	-	15	30	37
		●					0025	.013	-	-	-	.025	.035	.040	.05	.06	.07	-	15	28	34
		●					0033	.015	-	-	-	.033	.047	.052	.07	.07	.09	-	15	27	32
		●					0050	.018	-	-	-	.050	.07	.08	.10	.11	.14	-	15	26	30
		●					0067	.021	-	-	-	.067	.09	.11	.14	.15	.18	-	15	25	29
		●					01	.026	-	-	-	.10	.14	.16	.21	.22	.27	-	15	24	28
		●					015	.032	-	-	-	.15	.21	.24	.31	.34	.41	-	15	23	27
		●					02	.036	-	-	.14	.20	.28	.32	.42	.45	.55	6	15	22	27
		●					03	.043	-	-	.21	.30	.42	.47	.63	.67	.82	6	15	22	27
		●					04	.050	-	-	.28	.40	.57	.63	.84	.89	1.1	7	15	21	26
		●					05	.055	-	-	.35	.50	.71	.79	1.0	1.1	1.4	7	15	21	26
		●					06	.061	-	-	.42	.60	.85	.95	1.3	1.3	1.6	8	15	21	26
		●					08	.071	-	-	.57	.80	1.1	1.3	1.7	1.8	2.2	9	15	20	25
			●				10	.079	.35	.50	.71	1.0	1.4	1.6	2.1	2.2	2.7	10	15	19	24
			●				15	.094	.53	.75	1.1	1.5	2.1	2.4	3.1	3.4	4.1	10	15	19	24
			●				20	.109	.71	1.0	1.4	2.0	2.8	3.2	4.2	4.5	5.5	10	15	19	23
			●				30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.3	6.7	8.2	10	15	19	21
		●				40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.4	8.9	11.0	10	15	18	21	
		●				50	.172	1.8	2.5	3.5	5.0	7.1	7.9	10.5	11.2	13.7	11	15	18	21	

\*Maximum pressure for QMVV is 175 psi.

\*\*Maximum pressure for QPTA is 200 psi.

Highlighted column shows the rated pressure.





**S** PERFORMANCE DATA:  
**STANDARD ANGLE SPRAY**

Spray Angle at 40 psi	Quick VeeJet Tip Type						Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	QSVV	QVVA	QUA	QLUA	QMVV	QPTA			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	175* psi	200** psi	300 psi	20 psi	40 psi	80 psi	200 psi
15°			●				60	.188	2.1	3.0	4.2	6.0	8.5	9.5	12.5	13.4	16.4	11	15	18	21
			●				70	.203	2.5	3.5	4.9	7.0	9.9	11.1	14.6	15.7	19.2	11	15	18	21
				●			100	.243	3.5	5.0	7.1	10.0	14.1	15.8	21	22	27	13	15	17	18
				●			120	.266	4.2	6.0	8.5	12.0	17.0	19.0	25	27	33	13	15	17	18
				●			150	.297	5.3	7.5	10.6	15.0	21	24	31	34	41	14	15	17	18
				●			200	.343	7.1	10.0	14.1	20	28	32	42	45	55	14	15	17	18
0°		●					0009	.008	.003	.003	.005	.009	.013	.014	.020	.020	.025	0 Solid Stream			
		●					0012	.010	.004	.006	.008	.012	.017	.019	.027	.027	.033				
		●					0019	.012	.007	.009	.013	.019	.027	.030	.043	.043	.052				
	●	●					0021	.013	.007	.010	.011	.023	.033	.040	.047	.047	.052				
		●					0050	.019	.018	.025	.035	.050	.07	.08	.10	.11	.14				
		●					0067	.023	.024	.033	.05	.067	.09	.11	.14	.15	.18				
		●					01	.028	.035	.05	.07	.10	.14	.16	.21	.22	.27				
		●					015	.034	.05	.08	.11	.15	.21	.24	.31	.34	.41				
		●					02	.039	.07	.10	.14	.20	.28	.32	.42	.45	.55				
		●	●				03	.041	.11	.15	.21	.30	.42	.47	.63	.67	.82				
		●	●				04	.047	.14	.20	.28	.40	.57	.63	.84	.89	1.1				
		●	●				05	.053	.18	.25	.35	.50	.71	.79	1.0	1.1	1.4				
		●	●				06	.058	.21	.30	.42	.60	.85	.95	1.3	1.3	1.6				
		●	●				08	.067	.28	.40	.57	.80	1.1	1.3	1.7	1.8	2.2				
			●				10	.075	.35	.50	.71	1.0	1.4	1.6	2.1	2.2	2.7				
			●				15	.091	.53	.75	1.1	1.5	2.1	2.4	3.1	3.4	4.1				
			●				20	.106	.71	1.0	1.4	2.0	2.8	3.2	4.2	4.5	5.5				
			●				30	.129	1.1	1.5	2.1	3.0	4.2	4.7	6.3	6.7	8.2				
			●				40	.149	1.4	2.0	2.8	4.0	5.7	6.3	8.4	8.9	11.0				
			●				50	.167	1.8	2.5	3.5	5.0	7.1	7.9	10.5	11.2	13.7				
			●				60	.183	2.1	3.0	4.2	6.0	8.5	9.5	12.5	13.4	16.4				
			●				70	.198	2.5	3.5	4.9	7.0	9.9	11.1	14.6	15.7	19.2				
			●				80	.211	2.8	4.0	5.7	8.0	11.3	12.6	16.7	17.9	22				
				●			100	.236	3.5	5.0	7.1	10.0	14.1	15.8	21	22	27				
				●			120	.259	4.2	6.0	8.5	12.0	17.0	19.0	25	27	33				
			●			150	.289	5.3	7.5	10.6	15.0	21	24	31	34	41					
			●			200	.334	7.1	10.0	14.1	20	28	32	42	45	55					
			●			250	.373	8.8	12.5	17.7	25	35	40	52	56	68					

\*Maximum pressure for QMVV is 175 psi.

\*\*Maximum pressure for QPTA is 200 psi.

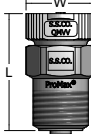

Highlighted column shows the rated pressure.



**DIMENSIONS AND WEIGHTS**

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	W (Width) (in.)	Net Weight (oz.)
	<b>QJJS (M) + QSVV</b>	1/8, 1/4	1.094	9/16	–	1.0
	<b>QJA (F) + QVVA</b>	1/8, 1/4, 3/8, 1/2	2.156	1	–	2.0
	<b>QJJA (M) + QVVA</b>	1/8, 1/4, 3/8, 1/2	2.063	1	–	2.8
	<b>QJA (F) + QUA</b>	1/8, 1/4, 3/8, 1/2	2.000	1	–	3.5
	<b>QJJA (M) + QUA</b>	1/8, 1/4, 3/8, 1/2	1.906	1	–	3.7
	<b>QJLA (F) + QLUA</b>	3/8, 1/2	2.313	1-1/8	–	4.8
	<b>QJJLA (M) + QLUA</b>	3/8, 1/2	2.313	1-1/8	–	4.8

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	W (Width) (in.)	Net Weight (oz.)
	<b>QPPM (M) + QMVV</b>	1/8, 1/4	1.188	5/8	0.687	0.1
	<b>QPPA (M) + QPTA</b>	1/8, 1/4, 3/8, 1/2	1.750	7/8	1.250	0.4

Based on the largest/heaviest version of each type.

**BODY TYPES**

Inlet Conn. (in.)	Quick VeeJet and ProMax Quick VeeJet Bodies						
	Conn. F		Conn. M				
	QJA	QJLA	QJJS	QJJA	QJJLA	QPPM	QPPA
1/8	•		•	•		•	•
1/4	•		•	•		•	•
3/8	•	•		•	•		•
1/2	•	•		•	•		•