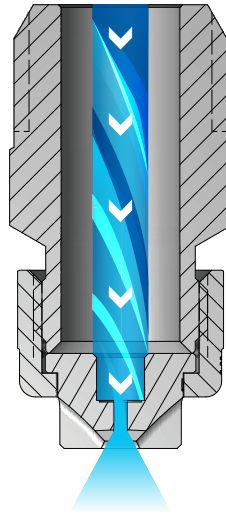


OVERVIEW: UNIJET

- A large choice of interchangeable spray tips, body types/sizes, materials, spray angles, flow rates and accessories allows use of different components in a single header to match performance to different operations
- Save on nozzle replacement costs – bodies can be reused, only spray tips are replaced
- Design allows easy tip change out in place – remove tips by unscrewing the retainer cap
- Recessed orifices to protect against damage
- Flat fan type, tapered edge spray pattern
- Spray angles from 0° to 110°
- Uniform spray distribution with flow rates from .003 to 25 gpm (.013 to 94 lpm)
- Operating pressures up to 500 psi (35 bar)



UniJet 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.

UNIJET OPTIONS



TPU Spray Tip + T Body
Use with screen strainer and tip retainer



TT Body/Cap
1/8" to 1/2" male conn.



T Body/Cap
1/8" to 1/2" female conn.



13802 Spray Tip
Self-aligning tip
Wrench flats on top of tip
Straight alignment flats connection
Use with self-aligning T or TT bodies

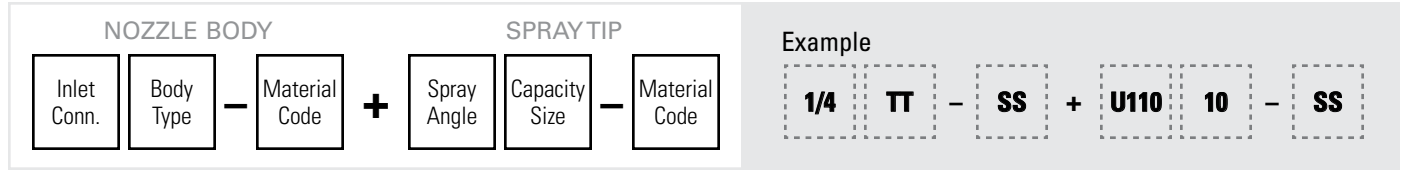
**RELATIVE DROP SIZE
IN MICRONS**

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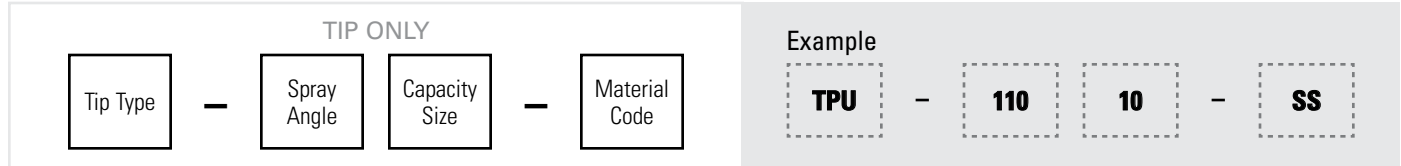
Drop size will vary based on flow rate and pressure.

ORDERING INFORMATION

UNIJET



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



UniJet nozzle assemblies include a pre-sized wire mesh based on orifice diameter. When ordering just a UniJet spray tip, the mesh is not included. See Accessories, page F6 for a mesh selection guide and ordering information.

QUICK REFERENCE GUIDE

Model	Connection	Connection Size (in.)	Materials	Page Number	
				Performance Data	Dimensions and Weights
T body	F	1/8 to 1/2	Brass, 303 stainless steel (SS)	-	C31
TT body	M			-	
TPU spray tip	NA	NA	Brass, 303 stainless steel (SS)	C25-C31	
13802 spray tip	NA	NA	Brass, 303 stainless steel (SS), 316 stainless steel (316 SS)	C25-C31	

F = female thread; M = male thread; NA = not applicable. 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.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Spray Angle at 40 psi	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	13802	TPU			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
110°	●	●	0033	.015	-	-	.023	.033	.047	.052	.07	.09	.12	91	110	116	121
	●	●	0050	.018	-	-	.035	.050	.07	.08	.11	.14	.18	91	110	118	124
	●	●	0067	.021	-	-	.05	.067	.09	.11	.15	.18	.24	92	110	118	124
	●	●	01	.026	.035	.05	.07	.10	.14	.16	.22	.27	.35	94	110	121	124
	●	●	015	.032	.05	.08	.11	.15	.21	.24	.34	.41	.53	97	110	121	124
	●	●	02	.035	.07	.10	.14	.20	.28	.32	.45	.55	.71	98	110	120	123
	●	●	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	99	110	120	123
	●	●	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	100	110	119	122
	●	●	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	100	110	118	122

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

Highlighted column shows the rated pressure.



**S PERFORMANCE DATA:
STANDARD ANGLE SPRAY**

Spray Angle at 40 psi	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	13802	TPU			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
110°	●	●	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	101	110	117	122
	●	●	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	102	110	117	121
	●	●	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	102	110	117	121
	●	●	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	103	110	117	119
	●	●	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	103	110	117	119
	●	●	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	104	110	117	118
	●	●	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	105	110	117	118
	●	●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	105	110	117	118
95°	●	●	01	.026	.035	.05	.07	.10	.14	.16	.22	.27	.35	81	95	105	113
	●	●	015	.032	.05	.08	.11	.15	.21	.24	.34	.41	.53	82	95	105	113
	●	●	02	.035	.07	.10	.14	.20	.28	.32	.45	.55	.71	82	95	105	113
	●	●	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	83	95	104	111
	●	●	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	84	95	103	108
	●	●	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	84	95	102	107
	●	●	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	86	95	101	106
	●	●	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	86	95	101	106
	●	●	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	87	95	100	105
	●	●	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	89	95	100	105
	●	●	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	89	95	100	105
	●	●	11	.083	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	89	95	100	105
	●	●	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	89	95	100	105
	●	●	13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	89	95	100	105
	●	●	14	.093	.49	.70	.99	1.4	2.0	2.2	3.1	3.8	4.9	89	95	100	105
	●	●	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	90	95	100	105
	●	●	16	.100	.57	.80	1.1	1.6	2.3	2.5	3.6	4.4	5.7	90	95	100	105
	●	●	18	.106	.64	.90	1.3	1.8	2.5	2.8	4.0	4.9	6.4	90	95	100	105
	●	●	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	90	95	100	105
	●	●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	91	95	101	105
●	●	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	92	95	100	105	
●	●	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	93	95	99	103	
●	●	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	93	95	99	103	
●	●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	93	95	99	103	
80°	●	●	0050	.018	–	–	.035	.050	.07	.08	.11	.14	.18	61	80	95	101
	●	●	0067	.021	–	.033	.05	.067	.09	.11	.15	.18	.24	67	80	94	99
	●	●	01	.026	–	.05	.07	.10	.14	.16	.22	.27	.35	68	80	89	92
	●	●	015	.032	–	.08	.11	.15	.21	.24	.34	.41	.53	68	80	89	92
	●	●	02	.035	.07	.10	.14	.20	.28	.32	.45	.55	.71	69	80	88	91
	●	●	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	70	80	87	90
	●	●	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	71	80	86	89
	●	●	045	.053	.16	.23	.32	.45	.64	.71	1.0	1.2	1.6	71	80	86	89
	●	●	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	71	80	86	89
	●	●	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	72	80	85	88

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

Highlighted column shows the rated pressure.



S PERFORMANCE DATA:
STANDARD ANGLE SPRAY

Spray Angle at 40 psi	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	13802	TPU			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
80°	●	●	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	72	80	85	88
	●	●	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	72	80	84	87
	●	●	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	73	80	84	87
	●	●	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	73	80	84	87
	●	●	11	.083	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	73	80	83	86
	●	●	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	73	80	83	86
	●	●	13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	73	80	83	86
	●	●	14	.093	.49	.70	.99	1.4	2.0	2.2	3.1	3.8	4.9	73	80	83	86
	●	●	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	74	80	83	86
	●	●	16	.100	.57	.80	1.1	1.6	2.3	2.5	3.6	4.4	5.7	74	80	83	86
	●	●	17	.103	.60	.85	1.2	1.7	2.4	2.7	3.8	4.7	6.0	74	80	83	86
	●	●	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	74	80	83	86
	●	●	25	.121	.88	1.3	1.8	2.5	3.5	4.0	5.6	6.8	8.8	74	80	83	86
	●	●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	74	80	83	86
	●	●	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	74	80	83	86
	●	●	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	74	80	83	85
●	●	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	75	80	83	85	
●	●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	75	80	83	86	
73°	●	●	0023	.012	–	–	.016	.023	.032	.036	.051	.063	.081	50	73	89	97
	●	●	0039	.016	–	.020	.028	.039	.055	.062	.087	.11	.14	53	73	87	93
	●	●	0077	.023	–	.039	.055	.077	.11	.12	.17	.21	.27	53	73	86	92
	●	●	0116	.028	.041	.058	.082	.12	.16	.18	.26	.32	.41	54	73	85	90
	●	●	0154	.032	.054	.077	.11	.15	.22	.24	.34	.42	.54	55	73	84	88
	●	●	0231	.038	.082	.12	.16	.23	.33	.37	.52	.63	.82	56	73	83	87
	●	●	0308	.044	.11	.15	.22	.31	.44	.49	.69	.84	1.1	58	73	82	86
	●	●	0385	.049	.14	.19	.27	.39	.54	.61	.86	1.1	1.4	59	73	81	85
	●	●	0462	.054	.16	.23	.33	.46	.65	.73	1.0	1.3	1.6	60	73	80	84
	●	●	0616	.062	.22	.31	.44	.62	.87	.97	1.4	1.7	2.2	63	73	79	83
	●	●	0770	.069	.27	.39	.54	.77	1.1	1.2	1.7	2.1	2.7	64	73	77	82
●	●	0924	.076	.33	.46	.65	.92	1.3	1.5	2.1	2.5	3.3	65	73	77	80	
65°	●	●	0017	.011	–	–	.012	.017	.024	.027	.038	.047	.06	44	65	77	86
	●	●	0025	.013	–	–	.018	.025	.035	.040	.06	.07	.09	45	65	77	84
	●	●	0033	.015	–	–	.023	.033	.047	.052	.07	.09	.12	47	65	76	83
	●	●	0050	.018	–	–	.035	.050	.07	.08	.11	.14	.18	48	65	75	82
	●	●	0067	.021	–	.033	.05	.067	.09	.11	.15	.18	.24	50	65	75	81
	●	●	01	.026	–	.05	.07	.10	.14	.16	.22	.27	.35	51	65	74	80
	●	●	015	.032	–	.08	.11	.15	.21	.24	.34	.41	.53	51	65	74	80
	●	●	02	.035	.07	.10	.14	.20	.28	.32	.45	.55	.71	52	65	73	79
	●	●	025	.039	.09	.13	.18	.25	.35	.40	.56	.68	.88	52	65	73	79
	●	●	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	53	65	72	78
	●	●	035	.047	.12	.18	.25	.35	.49	.55	.78	.96	1.2	53	65	72	78
●	●	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	53	65	72	76	

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

Highlighted column shows the rated pressure.



S PERFORMANCE DATA:
STANDARD ANGLE SPRAY

Spray Angle at 40 psi	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	13802	TPU			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
65°	●	●	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	53	65	72	76
	●	●	055	.059	.19	.28	.39	.55	.78	.87	1.2	1.5	1.9	53	65	72	76
	●	●	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	54	65	72	75
	●	●	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	54	65	72	75
	●	●	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	55	65	71	74
	●	●	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	55	65	71	74
	●	●	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	56	65	71	74
	●	●	11	.083	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	56	65	71	74
	●	●	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	56	65	71	74
	●	●	13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	56	65	71	74
	●	●	14	.093	.49	.70	.99	1.4	2.0	2.2	3.1	3.8	4.9	56	65	71	74
	●	●	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	56	65	70	73
	●	●	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	57	65	70	73
	●	●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	58	65	69	72
	●	●	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	59	65	68	72
	●	●	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	60	65	68	71
	●	●	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	60	65	68	71
●	●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	60	65	68	71	
50°	●	●	0017	.011	–	–	.012	.017	.024	.027	.038	.047	.06	27	50	65	74
	●	●	0025	.013	–	–	.018	.025	.035	.040	.06	.07	.09	29	50	64	71
	●	●	0033	.015	–	–	.023	.033	.047	.052	.07	.09	.12	30	50	62	68
	●	●	0050	.018	–	–	.035	.050	.07	.08	.11	.14	.18	32	50	60	66
	●	●	0067	.021	–	–	.05	.067	.09	.11	.15	.18	.24	35	50	60	66
	●	●	01	.026	–	.05	.07	.10	.14	.16	.22	.27	.35	37	50	59	65
	●	●	015	.032	–	.08	.11	.15	.21	.24	.34	.41	.53	38	50	58	64
	●	●	02	.035	–	.10	.14	.20	.28	.32	.45	.55	.71	39	50	57	63
	●	●	025	.039	.09	.13	.18	.25	.35	.40	.56	.68	.88	40	50	57	63
	●	●	03	.043	.11	.15	.21	.30	.42	.47	.67	.82	1.1	40	50	56	62
	●	●	035	.047	.12	.18	.25	.35	.49	.55	.78	.96	1.2	40	50	56	61
	●	●	04	.050	.14	.20	.28	.40	.57	.63	.89	1.1	1.4	42	50	56	61
	●	●	05	.056	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8	44	50	56	61
	●	●	06	.061	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1	45	50	56	60
	●	●	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	45	50	56	60
	●	●	075	.068	.27	.38	.53	.75	1.1	1.2	1.7	2.1	2.7	45	50	55	60
	●	●	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	45	50	55	60
	●	●	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	45	50	55	59
	●	●	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	45	50	55	59
	●	●	13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	45	50	55	59
●	●	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	45	50	55	59	
●	●	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	45	50	55	59	
●	●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	45	50	55	59	
●	●	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	46	50	54	59	

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

Highlighted column shows the rated pressure.



S PERFORMANCE DATA: STANDARD ANGLE SPRAY

Spray Angle at 40 psi	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	13802	TPU			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
50°	●	●	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	46	50	54	59
	●	●	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	46	50	54	59
	●	●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	46	50	54	59
40°	●	●	0017	.011	–	–	.012	.017	.024	.027	.038	.047	.06	21	40	54	61
	●	●	0025	.013	–	–	.018	.025	.035	.040	.06	.07	.09	22	40	53	60
	●	●	0033	.015	–	–	.023	.033	.047	.052	.07	.09	.12	22	40	53	60
	●	●	0050	.018	–	–	.035	.050	.07	.08	.11	.14	.18	22	40	53	60
	●	●	0067	.021	–	–	.05	.067	.09	.11	.15	.18	.24	24	40	53	60
	●	●	01	.026	–	–	.07	.10	.14	.16	.22	.27	.35	26	40	52	59
	●	●	015	.032	–	–	.11	.15	.21	.24	.34	.41	.53	27	40	52	59
	●	●	02	.035	–	.10	.14	.20	.28	.32	.45	.55	.71	29	40	51	58
	●	●	025	.039	–	.13	.18	.25	.35	.40	.56	.68	.88	29	40	51	58
	●	●	03	.043	–	.15	.21	.30	.42	.47	.67	.82	1.1	30	40	50	57
	●	●	04	.050	–	.20	.28	.40	.57	.63	.89	1.1	1.4	30	40	50	56
	●	●	05	.056	–	.25	.35	.50	.71	.79	1.1	1.4	1.8	31	40	49	55
	●	●	055	.059	–	.28	.39	.55	.78	.87	1.2	1.5	1.9	31	40	49	55
	●	●	06	.061	–	.30	.42	.60	.85	.95	1.3	1.6	2.1	31	40	49	55
	●	●	07	.066	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5	31	40	49	55
	●	●	08	.071	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	31	40	47	53
	●	●	09	.075	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	32	40	45	48
	●	●	10	.079	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	32	40	45	48
	●	●	11	.083	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	32	40	45	48
	●	●	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	32	40	45	48
	●	●	13	.090	.46	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	32	40	45	48
	●	●	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	32	40	45	48
	●	●	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	32	40	45	48
	●	●	25	.121	.88	1.3	1.8	2.5	3.5	4.0	5.6	6.8	8.8	32	40	45	48
	●	●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	33	40	45	48
	●	●	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	34	40	45	48
	●	●	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	35	40	45	48
	●	●	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	35	40	45	48
●	●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	35	40	45	48	
25°	●	●	0017	.011	–	–	.017	.024	.027	.038	.047	.06	–	25	35	47	
	●	●	0025	.013	–	–	.025	.035	.040	.06	.07	.09	–	25	35	45	
	●	●	0033	.015	–	–	.033	.047	.052	.07	.09	.12	–	25	34	44	
	●	●	0050	.018	–	–	.050	.07	.08	.11	.14	.18	–	25	34	43	
	●	●	0067	.021	–	–	.067	.09	.11	.15	.18	.24	–	25	34	42	
	●	●	01	.026	–	–	.07	.10	.14	.16	.22	.27	.35	14	25	34	42
	●	●	015	.032	–	–	.11	.15	.21	.24	.34	.41	.53	15	25	34	41
	●	●	02	.035	–	–	.14	.20	.28	.32	.45	.55	.71	15	25	33	40
	●	●	03	.043	–	–	.21	.30	.42	.47	.67	.82	1.1	15	25	33	40
	●	●	04	.050	–	.20	.28	.40	.57	.63	.89	1.1	1.4	16	25	32	39

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

Highlighted column shows the rated pressure.



S PERFORMANCE DATA:
STANDARD ANGLE SPRAY

Spray Angle at 40 psi	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	13802	TPU			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
25°	●	●	05	.056	–	.25	.35	.50	.71	.79	1.1	1.4	1.8	16	25	32	39
	●	●	055	.059	–	.28	.39	.55	.78	.87	1.2	1.5	1.9	16	25	32	39
	●	●	06	.061	–	.30	.42	.60	.85	.95	1.3	1.6	2.1	17	25	31	38
	●	●	07	.066	–	.35	.49	.70	.99	1.1	1.6	1.9	2.5	17	25	31	38
	●	●	08	.071	–	.40	.57	.80	1.1	1.3	1.8	2.2	2.8	17	25	31	38
	●	●	09	.075	–	.45	.64	.90	1.3	1.4	2.0	2.5	3.2	17	25	31	38
	●	●	10	.079	–	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5	18	25	31	37
	●	●	13	.090	–	.65	.92	1.3	1.8	2.1	2.9	3.6	4.6	18	25	31	37
	●	●	15	.097	–	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	18	25	31	37
	●	●	20	.112	–	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	19	25	31	37
	●	●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	20	25	30	36
	●	●	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	21	25	29	35
	●	●	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	21	25	29	35
	●	●	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	22	25	29	35
●	●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	22	25	29	35	
15°	●	●	0017	.011	–	–	–	.017	.024	.027	.038	.047	.06	–	15	30	37
	●	●	0025	.013	–	–	–	.025	.035	.040	.06	.07	.09	–	15	28	34
	●	●	0033	.015	–	–	–	.033	.047	.052	.07	.09	.12	–	15	27	32
	●	●	0050	.018	–	–	–	.050	.07	.08	.11	.14	.18	–	15	26	30
	●	●	0067	.021	–	–	–	.067	.09	.11	.15	.18	.24	–	15	25	29
	●	●	01	.026	–	–	–	.10	.14	.16	.22	.27	.35	–	15	24	28
	●	●	015	.032	–	–	–	.15	.21	.24	.34	.41	.53	–	15	23	27
	●	●	02	.035	–	–	.14	.20	.28	.32	.45	.55	.71	6	15	22	27
	●	●	03	.043	–	–	.21	.30	.42	.47	.67	.82	1.1	6	15	22	27
	●	●	04	.050	–	–	.28	.40	.57	.63	.89	1.1	1.4	7	15	21	26
	●	●	05	.056	–	–	.35	.50	.71	.79	1.1	1.4	1.8	7	15	21	26
	●	●	055	.059	–	–	.39	.55	.78	.87	1.2	1.5	1.9	7	15	21	26
	●	●	06	.061	–	–	.42	.60	.85	.95	1.3	1.6	2.1	8	15	21	26
	●	●	07	.066	–	–	.49	.70	.99	1.1	1.6	1.9	2.5	8	15	21	26
	●	●	08	.071	–	–	.57	.80	1.1	1.3	1.8	2.2	2.8	9	15	20	25
	●	●	09	.075	–	–	.64	.90	1.3	1.4	2.0	2.5	3.2	9	15	20	25
	●	●	10	.079	–	–	.71	1.0	1.4	1.6	2.2	2.7	3.5	10	15	19	24
	●	●	11	.083	–	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9	10	15	19	24
	●	●	12	.087	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2	10	15	19	24
	●	●	15	.097	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3	10	15	19	24
	●	●	20	.112	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1	10	15	19	23
	●	●	30	.133	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6	10	15	19	21
	●	●	40	.153	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1	10	15	18	21
	●	●	50	.172	1.8	2.5	3.5	5.0	7.1	7.9	11.2	13.7	17.7	11	15	18	21
●	●	60	.188	2.1	3.0	4.2	6.0	8.5	9.5	13.4	16.4	21	11	15	18	21	
●	●	70	.203	2.5	3.5	4.9	7.0	9.9	11.1	15.7	19.2	25	11	15	18	21	

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

Highlighted column shows the rated pressure.



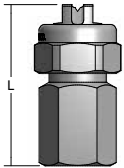
S PERFORMANCE DATA:
STANDARD ANGLE SPRAY

Spray Angle at 40 psi	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (in.)	Flow Rate Capacity (gallons per minute)									Spray Angle (°)			
	13802	TPU			5 psi	10 psi	20 psi	40 psi	80 psi	100 psi	200 psi	300 psi	500 psi	20 psi	40 psi	80 psi	200 psi
0°	●	●	0009	.008	.003	.003	.005	.009	.013	.014	.020	.025	.032	0 Solid Stream			
	●	●	0012	.010	.004	.006	.008	.012	.017	.019	.027	.033	.042				
	●	●	0019	.012	.007	.009	.013	.019	.027	.030	.043	.052	.067				
	●	●	0021	.013	.007	.010	.011	.023	.033	.040	.047	.052	.074				
	●	●	0033	.016	.01	.02	.023	.033	.047	.052	.07	.09	.12				
	●	●	0050	.019	.018	.025	.035	.050	.07	.08	.11	.14	.18				
	●	●	0067	.023	.024	.033	.05	.067	.09	.11	.15	.18	.24				
	●	●	01	.028	.035	.05	.07	.10	.14	.16	.22	.27	.35				
	●	●	015	.034	.05	.08	.11	.15	.21	.24	.34	.41	.53				
	●	●	02	.039	.07	.10	.14	.20	.28	.32	.45	.55	.71				
	●	●	03	.041	.11	.15	.21	.30	.42	.47	.67	.82	1.1				
	●	●	04	.047	.14	.20	.28	.40	.57	.63	.89	1.1	1.4				
	●	●	045	.052	.16	.23	.32	.45	.64	.71	1.0	1.2	1.6				
	●	●	05	.053	.18	.25	.35	.50	.71	.79	1.1	1.4	1.8				
	●	●	055	.055	.19	.28	.39	.55	.78	.87	1.2	1.5	1.9				
	●	●	06	.058	.21	.30	.42	.60	.85	.95	1.3	1.6	2.1				
	●	●	065	.060	.23	.33	.46	.65	.92	1.0	1.5	1.8	2.3				
	●	●	07	.062	.25	.35	.49	.70	.99	1.1	1.6	1.9	2.5				
	●	●	08	.067	.28	.40	.57	.80	1.1	1.3	1.8	2.2	2.8				
	●	●	09	.071	.32	.45	.64	.90	1.3	1.4	2.0	2.5	3.2				
●	●	10	.075	.35	.50	.71	1.0	1.4	1.6	2.2	2.7	3.5					
●	●	11	.079	.39	.55	.78	1.1	1.6	1.7	2.5	3.0	3.9					
●	●	12	.082	.42	.60	.85	1.2	1.7	1.9	2.7	3.3	4.2					
●	●	15	.091	.53	.75	1.1	1.5	2.1	2.4	3.4	4.1	5.3					
●	●	20	.106	.71	1.0	1.4	2.0	2.8	3.2	4.5	5.5	7.1					
●	●	30	.129	1.1	1.5	2.1	3.0	4.2	4.7	6.7	8.2	10.6					
●	●	40	.149	1.4	2.0	2.8	4.0	5.7	6.3	8.9	11.0	14.1					

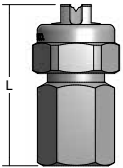
Other body types may be available. Contact your sales engineer for further information.

Highlighted column shows the rated pressure.

DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	T (F) + TPU TT (M) + TPU	1/4	1.610	13/16	2.3

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (in.)	Hex. (in.)	Net Weight (oz.)
	T (F) + 13802 TT (M) + 13802	1/4	1.891	13/16	2.3

Based on the largest/heaviest version of each type.

