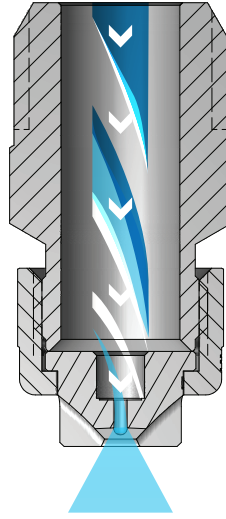


OVERVIEW: UNIJET

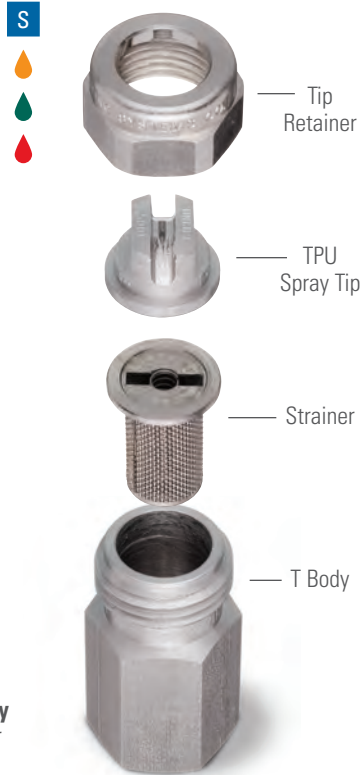
- A large choice of interchangeable spray tips, body types/sizes, materials, spray angles, flow rates and accessories allows use of different components in a single header to match performance to different operations
- Save on nozzle replacement costs – bodies can be reused, only spray tips are replaced
- 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

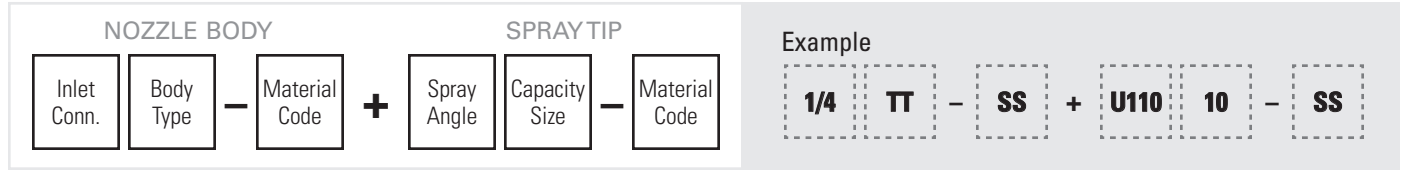
**RELATIVE DROP SIZE
IN MICRONS**

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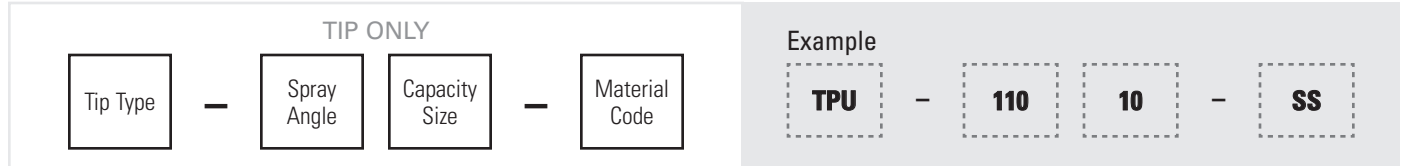
Drop size will vary based on flow rate and pressure.

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 3 bar	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)									Spray Angle (°)			
	13802	TPU			0.4 bar	0.7 bar	1.5 bar	3 bar	6 bar	7 bar	15 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	15 bar
110°	●	●	0033	.38	–	–	.092	.13	.18	.20	.29	.34	.45	91	110	116	121
	●	●	0050	.46	–	–	.14	.20	.28	.30	.44	.51	.67	91	110	118	124
	●	●	0067	.53	–	–	.19	.26	.37	.40	.59	.68	.90	92	110	118	124
	●	●	01	.66	.14	.19	.28	.39	.56	.60	.88	1.0	1.3	94	110	121	124
	●	●	015	.81	.22	.29	.42	.59	.84	.90	1.3	1.5	2.0	97	110	121	124
	●	●	02	.89	.29	.38	.56	.79	1.1	1.2	1.8	2.0	2.7	98	110	120	123
	●	●	03	1.1	.43	.57	.84	1.2	1.7	1.8	2.6	3.1	4.0	99	110	120	123
	●	●	04	1.3	.58	.76	1.1	1.6	2.2	2.4	3.5	4.1	5.4	100	110	119	122
	●	●	05	1.4	.72	.95	1.4	2.0	2.8	3.0	4.4	5.1	6.7	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 3 bar	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)									Spray Angle (°)			
	13802	TPU			0.4 bar	0.7 bar	1.5 bar	3 bar	6 bar	7 bar	15 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	15 bar
110°	●	●	06	1.6	.86	1.1	1.7	2.4	3.4	3.6	5.3	6.1	8.1	101	110	117	122
	●	●	07	1.7	1.0	1.3	2.0	2.8	3.9	4.2	6.2	7.1	9.4	102	110	117	121
	●	●	08	1.8	1.2	1.5	2.2	3.2	4.5	4.8	7.1	8.2	10.8	102	110	117	121
	●	●	10	2.0	1.4	1.9	2.8	3.9	5.6	6.0	8.8	10.2	13.5	103	110	117	119
	●	●	12	2.2	1.7	2.3	3.4	4.7	6.7	7.2	10.6	12.2	16.2	103	110	117	119
	●	●	15	2.5	2.2	2.9	4.2	5.9	8.4	9.0	13.2	15.3	20	104	110	117	118
	●	●	20	2.8	2.9	3.8	5.6	7.9	11.2	12.1	17.7	20	27	105	110	117	118
	●	●	30	2.9	4.3	5.7	8.4	11.8	16.8	18.1	26	31	40	105	110	117	118
95°	●	●	01	.66	.14	.19	.28	.39	.56	.60	.88	1.0	1.3	81	95	105	113
	●	●	015	.81	.22	.29	.42	.59	.84	.90	1.3	1.5	2.0	82	95	105	113
	●	●	02	.89	.29	.38	.56	.79	1.1	1.2	1.8	2.0	2.7	82	95	105	113
	●	●	03	1.1	.43	.57	.84	1.2	1.7	1.8	2.6	3.1	4.0	83	95	104	111
	●	●	04	1.3	.58	.76	1.1	1.6	2.2	2.4	3.5	4.1	5.4	84	95	103	108
	●	●	05	1.4	.72	.95	1.4	2.0	2.8	3.0	4.4	5.1	6.7	84	95	102	107
	●	●	06	1.5	.86	1.1	1.7	2.4	3.4	3.6	5.3	6.1	8.1	86	95	101	106
	●	●	07	1.7	1.0	1.3	2.0	2.8	3.9	4.2	6.2	7.1	9.4	86	95	101	106
	●	●	08	1.8	1.2	1.5	2.2	3.2	4.5	4.8	7.1	8.2	10.8	87	95	100	105
	●	●	09	1.9	1.3	1.7	2.5	3.6	5.0	5.4	7.9	9.2	12.1	89	95	100	105
	●	●	10	2.0	1.4	1.9	2.8	3.9	5.6	6.0	8.8	10.2	13.5	89	95	100	105
	●	●	11	2.1	1.6	2.1	3.1	4.3	6.1	6.6	9.7	11.2	14.8	89	95	100	105
	●	●	12	2.2	1.7	2.3	3.4	4.7	6.7	7.2	10.6	12.2	16.2	89	95	100	105
	●	●	13	2.3	1.9	2.5	3.6	5.1	7.3	7.8	11.5	13.3	17.5	89	95	100	105
	●	●	14	2.4	2.0	2.7	3.9	5.5	7.8	8.4	12.4	14.3	18.9	89	95	100	105
	●	●	15	2.5	2.2	2.9	4.2	5.9	8.4	9.0	13.2	15.3	20	90	95	100	105
	●	●	16	2.5	2.3	3.1	4.5	6.3	8.9	9.6	14.1	16.3	22	90	95	100	105
	●	●	18	2.7	2.6	3.4	5.0	7.1	10.1	10.9	15.9	18.3	24	90	95	100	105
	●	●	20	2.8	2.9	3.8	5.6	7.9	11.2	12.1	17.7	20	27	90	95	100	105
	●	●	30	3.4	4.3	5.7	8.4	11.8	16.8	18.1	26	31	40	91	95	101	105
●	●	40	3.9	5.8	7.6	11.2	15.8	22	24	35	41	54	92	95	100	105	
●	●	50	4.4	7.2	9.5	14.0	19.7	28	30	44	51	67	93	95	99	103	
●	●	60	4.8	8.6	11.4	16.8	24	34	36	53	61	81	93	95	99	103	
●	●	70	5.2	10.1	13.3	19.5	28	39	42	62	71	94	93	95	99	103	
80°	●	●	0050	.46	–	–	.14	.20	.28	.30	.44	.51	.67	61	80	95	101
	●	●	0067	.53	–	.13	.19	.26	.37	.40	.59	.68	.90	67	80	94	99
	●	●	01	.66	–	.19	.28	.39	.56	.60	.88	1.0	1.3	68	80	89	92
	●	●	015	.81	–	.29	.42	.59	.84	.90	1.3	1.5	2.0	68	80	89	92
	●	●	02	.89	.29	.38	.56	.79	1.1	1.2	1.8	2.0	2.7	69	80	88	91
	●	●	03	1.1	.43	.57	.84	1.2	1.7	1.8	2.6	3.1	4.0	70	80	87	90
	●	●	04	1.3	.58	.76	1.1	1.6	2.2	2.4	3.5	4.1	5.4	71	80	86	89
	●	●	045	1.4	.65	.86	1.3	1.8	2.5	2.7	4.0	4.6	6.1	71	80	86	89
	●	●	05	1.4	.72	.95	1.4	2.0	2.8	3.0	4.4	5.1	6.7	71	80	86	89
	●	●	06	1.6	.86	1.1	1.7	2.4	3.4	3.6	5.3	6.1	8.1	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 3 bar	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)									Spray Angle (°)			
	13802	TPU			0.4 bar	0.7 bar	1.5 bar	3 bar	6 bar	7 bar	15 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	15 bar
80°	●	●	07	1.7	1.0	1.3	2.0	2.8	3.9	4.2	6.2	7.1	9.4	72	80	85	88
	●	●	08	1.8	1.2	1.5	2.2	3.2	4.5	4.8	7.1	8.2	10.8	72	80	84	87
	●	●	09	1.9	1.3	1.7	2.5	3.6	5.0	5.4	7.9	9.2	12.1	73	80	84	87
	●	●	10	2.0	1.4	1.9	2.8	3.9	5.6	6.0	8.8	10.2	13.5	73	80	84	87
	●	●	11	2.1	1.6	2.1	3.1	4.3	6.1	6.6	9.7	11.2	14.8	73	80	83	86
	●	●	12	2.2	1.7	2.3	3.4	4.7	6.7	7.2	10.6	12.2	16.2	73	80	83	86
	●	●	13	2.3	1.9	2.5	3.6	5.1	7.3	7.8	11.5	13.3	17.5	73	80	83	86
	●	●	14	2.4	2.0	2.7	3.9	5.5	7.8	8.4	12.4	14.3	18.9	73	80	83	86
	●	●	15	2.5	2.2	2.9	4.2	5.9	8.4	9.0	13.2	15.3	20	74	80	83	86
	●	●	16	2.5	2.3	3.1	4.5	6.3	8.9	9.6	14.1	16.3	22	74	80	83	86
	●	●	17	2.6	2.5	3.2	4.7	6.7	9.5	10.3	15.0	17.3	23	74	80	83	86
	●	●	20	2.8	2.9	3.8	5.6	7.9	11.2	12.1	17.7	20	27	74	80	83	86
	●	●	25	3.1	3.6	4.8	7.0	9.9	14.0	15.1	22	25	34	74	80	83	86
	●	●	30	3.4	4.3	5.7	8.4	11.8	16.8	18.1	26	31	40	74	80	83	86
	●	●	40	3.9	5.8	7.6	11.2	15.8	22	24	35	41	54	74	80	83	86
	●	●	50	4.4	7.2	9.5	14.0	19.7	28	30	44	51	67	74	80	83	85
	●	●	60	4.8	8.6	11.4	16.8	24	34	36	53	61	81	75	80	83	85
●	●	70	5.2	10.1	13.3	19.5	28	39	42	62	71	94	75	80	83	86	
73°	●	●	0023	.30	–	–	.064	.091	.13	.14	.20	.23	.31	50	73	89	97
	●	●	0039	.41	–	.074	.11	.15	.22	.24	.34	.40	.53	53	73	87	93
	●	●	0077	.58	–	.15	.21	.30	.43	.46	.68	.78	1.0	53	73	86	92
	●	●	0116	.71	.17	.22	.32	.46	.65	.70	1.0	1.2	1.6	54	73	85	90
	●	●	0154	.81	.22	.29	.43	.61	.86	.93	1.4	1.6	2.1	55	73	84	88
	●	●	0231	.96	.33	.44	.64	.91	1.3	1.4	2.0	2.4	3.1	56	73	83	87
	●	●	0308	1.1	.44	.59	.86	1.2	1.7	1.9	2.7	3.1	4.2	58	73	82	86
	●	●	0385	1.2	.56	.73	1.1	1.5	2.1	2.3	3.4	3.9	5.2	59	73	81	85
	●	●	0462	1.4	.67	.88	1.3	1.8	2.6	2.8	4.1	4.7	6.2	60	73	80	84
	●	●	0616	1.6	.89	1.2	1.7	2.4	3.4	3.7	5.4	6.3	8.3	63	73	79	83
	●	●	0770	1.8	1.1	1.5	2.1	3.0	4.3	4.6	6.8	7.8	10.4	64	73	77	82
●	●	0924	1.9	1.3	1.8	2.6	3.6	5.2	5.6	8.2	9.4	12.5	65	73	77	80	
65°	●	●	0017	.28	–	–	.047	.067	.095	.10	.15	.17	.23	44	65	77	86
	●	●	0025	.33	–	–	.070	.099	.14	.15	.22	.25	.34	45	65	77	84
	●	●	0033	.38	–	–	.092	.13	.18	.20	.29	.34	.45	47	65	76	83
	●	●	0050	.46	–	–	.14	.20	.28	.30	.44	.51	.67	48	65	75	82
	●	●	0067	.53	–	.13	.19	.26	.37	.40	.59	.68	.90	50	65	75	81
	●	●	01	.66	–	.19	.28	.39	.56	.60	.88	1.0	1.3	51	65	74	80
	●	●	015	.81	–	.29	.42	.59	.84	.90	1.3	1.5	2.0	51	65	74	80
	●	●	02	.89	.29	.38	.56	.79	1.1	1.2	1.8	2.0	2.7	52	65	73	79
	●	●	025	.99	.36	.48	.70	.99	1.4	1.5	2.2	2.5	3.4	52	65	73	79
	●	●	03	1.1	.43	.57	.84	1.2	1.7	1.8	2.6	3.1	4.0	53	65	72	78
	●	●	035	1.2	.50	.67	.98	1.4	2.0	2.1	3.1	3.6	4.7	53	65	72	78
	●	●	04	1.3	.58	.76	1.1	1.6	2.2	2.4	3.5	4.1	5.4	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 3 bar	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)									Spray Angle (°)			
	13802	TPU			0.4 bar	0.7 bar	1.5 bar	3 bar	6 bar	7 bar	15 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	15 bar
65°	●	●	05	1.4	.72	.95	1.4	2.0	2.8	3.0	4.4	5.1	6.7	53	65	72	76
	●	●	055	1.5	.79	1.0	1.5	2.2	3.1	3.3	4.9	5.6	7.4	53	65	72	76
	●	●	06	1.6	.86	1.1	1.7	2.4	3.4	3.6	5.3	6.1	8.1	54	65	72	75
	●	●	07	1.7	1.0	1.3	2.0	2.8	3.9	4.2	6.2	7.1	9.4	54	65	72	75
	●	●	08	1.8	1.2	1.5	2.2	3.2	4.5	4.8	7.1	8.2	10.8	55	65	71	74
	●	●	09	1.9	1.3	1.7	2.5	3.6	5.0	5.4	7.9	9.2	12.1	55	65	71	74
	●	●	10	2.0	1.4	1.9	2.8	3.9	5.6	6.0	8.8	10.2	13.5	56	65	71	74
	●	●	11	2.1	1.6	2.1	3.1	4.3	6.1	6.6	9.7	11.2	14.8	56	65	71	74
	●	●	12	2.2	1.7	2.3	3.4	4.7	6.7	7.2	10.6	12.2	16.2	56	65	71	74
	●	●	13	2.3	1.9	2.5	3.6	5.1	7.3	7.8	11.5	13.3	17.5	56	65	71	74
	●	●	14	2.4	2.0	2.7	3.9	5.5	7.8	8.4	12.4	14.3	18.9	56	65	71	74
	●	●	15	2.5	2.2	2.9	4.2	5.9	8.4	9.0	13.2	15.3	20	56	65	70	73
	●	●	20	2.8	2.9	3.8	5.6	7.9	11.2	12.1	17.7	20	27	57	65	70	73
	●	●	30	3.4	4.3	5.7	8.4	11.8	16.8	18.1	26	31	40	58	65	69	72
	●	●	40	3.8	5.8	7.6	11.2	15.8	22	24	35	41	54	59	65	68	72
	●	●	50	4.4	7.2	9.5	14.0	19.7	28	30	44	51	67	60	65	68	71
●	●	60	4.8	8.6	11.4	16.8	24	34	36	53	61	81	60	65	68	71	
●	●	70	5.2	10.1	13.3	19.5	28	39	42	62	71	94	60	65	68	71	
50°	●	●	0017	.28	–	–	.047	.067	.095	.10	.15	.17	.23	27	50	65	74
	●	●	0025	.33	–	–	.070	.099	.14	.15	.22	.25	.34	29	50	64	71
	●	●	0033	.38	–	–	.092	.13	.18	.20	.29	.34	.45	30	50	62	68
	●	●	0050	.46	–	–	.14	.20	.28	.30	.44	.51	.67	32	50	60	66
	●	●	0067	.53	–	–	.19	.26	.37	.40	.59	.68	.90	35	50	60	66
	●	●	01	.66	–	.19	.28	.39	.56	.60	.88	1.0	1.3	37	50	59	65
	●	●	015	.81	–	.29	.42	.59	.84	.90	1.3	1.5	2.0	38	50	58	64
	●	●	02	.89	–	.38	.56	.79	1.1	1.2	1.8	2.0	2.7	39	50	57	63
	●	●	025	.99	.36	.48	.70	.99	1.4	1.5	2.2	2.5	3.4	40	50	57	63
	●	●	03	1.1	.43	.57	.84	1.2	1.7	1.8	2.6	3.1	4.0	40	50	56	62
	●	●	035	1.2	.50	.67	.98	1.4	2.0	2.1	3.1	3.6	4.7	40	50	56	61
	●	●	04	1.3	.58	.76	1.1	1.6	2.2	2.4	3.5	4.1	5.4	42	50	56	61
	●	●	05	1.4	.72	.95	1.4	2.0	2.8	3.0	4.4	5.1	6.7	44	50	56	61
	●	●	06	1.5	.86	1.1	1.7	2.4	3.4	3.6	5.3	6.1	8.1	45	50	56	60
	●	●	07	1.7	1.0	1.3	2.0	2.8	3.9	4.2	6.2	7.1	9.4	45	50	56	60
	●	●	075	1.7	1.1	1.4	2.1	3.0	4.2	4.5	6.6	7.6	10.1	45	50	55	60
	●	●	08	1.8	1.2	1.5	2.2	3.2	4.5	4.8	7.1	8.2	10.8	45	50	55	60
	●	●	09	1.9	1.3	1.7	2.5	3.6	5.0	5.4	7.9	9.2	12.1	45	50	55	59
	●	●	10	2.0	1.4	1.9	2.8	3.9	5.6	6.0	8.8	10.2	13.5	45	50	55	59
	●	●	13	2.3	1.9	2.5	3.6	5.1	7.3	7.8	11.5	13.3	17.5	45	50	55	59
●	●	15	2.5	2.2	2.9	4.2	5.9	8.4	9.0	13.2	15.3	20	45	50	55	59	
●	●	20	2.8	2.9	3.8	5.6	7.9	11.2	12.1	17.7	20	27	45	50	55	59	
●	●	30	3.4	4.3	5.7	8.4	11.8	16.8	18.1	26	31	40	45	50	55	59	
●	●	40	3.8	5.8	7.6	11.2	15.8	22	24	35	41	54	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 3 bar	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)									Spray Angle (°)			
	13802	TPU			0.4 bar	0.7 bar	1.5 bar	3 bar	6 bar	7 bar	15 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	15 bar
50°	●	●	50	4.4	7.2	9.5	14.0	19.7	28	30	44	51	67	46	50	54	59
	●	●	60	4.8	8.6	11.4	16.8	24	34	36	53	61	81	46	50	54	59
	●	●	70	5.2	10.1	13.3	19.5	28	39	42	62	71	94	46	50	54	59
40°	●	●	0017	.28	–	–	.047	.067	.095	.10	.15	.17	.23	21	40	54	61
	●	●	0025	.33	–	–	.070	.099	.14	.15	.22	.25	.34	22	40	53	60
	●	●	0033	.38	–	–	.092	.13	.18	.20	.29	.34	.45	22	40	53	60
	●	●	0050	.46	–	–	.14	.20	.28	.30	.44	.51	.67	22	40	53	60
	●	●	0067	.53	–	–	.19	.26	.37	.40	.59	.68	.90	24	40	53	60
	●	●	01	.66	–	–	.28	.39	.56	.60	.88	1.0	1.3	26	40	52	59
	●	●	015	.81	–	–	.42	.59	.84	.90	1.3	1.5	2.0	27	40	52	59
	●	●	02	.89	–	.38	.56	.79	1.1	1.2	1.8	2.0	2.7	29	40	51	58
	●	●	025	.99	–	.48	.70	.99	1.4	1.5	2.2	2.5	3.4	29	40	51	58
	●	●	03	1.1	–	.57	.84	1.2	1.7	1.8	2.6	3.1	4.0	30	40	50	57
	●	●	04	1.3	–	.76	1.1	1.6	2.2	2.4	3.5	4.1	5.4	30	40	50	56
	●	●	05	1.4	–	.95	1.4	2.0	2.8	3.0	4.4	5.1	6.7	31	40	49	55
	●	●	055	1.5	–	1.0	1.5	2.2	3.1	3.3	4.9	5.6	7.4	31	40	49	55
	●	●	06	1.6	–	1.1	1.7	2.4	3.4	3.6	5.3	6.1	8.1	31	40	49	55
	●	●	07	1.7	1.0	1.3	2.0	2.8	3.9	4.2	6.2	7.1	9.4	31	40	49	55
	●	●	08	1.8	1.2	1.5	2.2	3.2	4.5	4.8	7.1	8.2	10.8	31	40	47	53
	●	●	09	1.9	1.3	1.7	2.5	3.6	5.0	5.4	7.9	9.2	12.1	32	40	45	48
	●	●	10	2.0	1.4	1.9	2.8	3.9	5.6	6.0	8.8	10.2	13.5	32	40	45	48
	●	●	11	2.1	1.6	2.1	3.1	4.3	6.1	6.6	9.7	11.2	14.8	32	40	45	48
	●	●	12	2.2	1.7	2.3	3.4	4.7	6.7	7.2	10.6	12.2	16.2	32	40	45	48
	●	●	13	2.3	1.9	2.5	3.6	5.1	7.3	7.8	11.5	13.3	17.5	32	40	45	48
	●	●	15	2.5	2.2	2.9	4.2	5.9	8.4	9.0	13.2	15.3	20	32	40	45	48
	●	●	20	2.8	2.9	3.8	5.6	7.9	11.2	12.1	17.7	20	27	32	40	45	48
	●	●	25	3.1	3.6	4.8	7.0	9.9	14.0	15.1	22	25	34	32	40	45	48
	●	●	30	3.4	4.3	5.7	8.4	11.8	16.8	18.1	26	31	40	33	40	45	48
	●	●	40	3.9	5.8	7.6	11.2	15.8	22	24	35	41	54	34	40	45	48
	●	●	50	4.4	7.2	9.5	14.0	19.7	28	30	44	51	67	35	40	45	48
	●	●	60	4.8	8.6	11.4	16.8	24	34	36	53	61	81	35	40	45	48
●	●	70	5.2	10.1	13.3	19.5	28	39	42	62	71	94	35	40	45	48	
25°	●	●	0017	.28	–	–	–	.067	.095	.10	.15	.17	.23	–	25	35	47
	●	●	0025	.33	–	–	–	.099	.14	.15	.22	.25	.34	–	25	35	45
	●	●	0033	.38	–	–	–	.13	.18	.20	.29	.34	.45	–	25	34	44
	●	●	0050	.46	–	–	–	.20	.28	.30	.44	.51	.67	–	25	34	43
	●	●	0067	.53	–	–	–	.26	.37	.40	.59	.68	.90	–	25	34	42
	●	●	01	.66	–	–	.28	.39	.56	.60	.88	1.0	1.3	14	25	34	42
	●	●	015	.81	–	–	.42	.59	.84	.90	1.3	1.5	2.0	15	25	34	41
	●	●	02	.89	–	–	.56	.79	1.1	1.2	1.8	2.0	2.7	15	25	33	40
	●	●	03	1.1	–	–	.84	1.2	1.7	1.8	2.6	3.1	4.0	15	25	33	40
●	●	04	1.3	–	.76	1.1	1.6	2.2	2.4	3.5	4.1	5.4	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 3 bar	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)									Spray Angle (°)			
	13802	TPU			0.4 bar	0.7 bar	1.5 bar	3 bar	6 bar	7 bar	15 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	15 bar
25°	●	●	05	1.4	–	.95	1.4	2.0	2.8	3.0	4.4	5.1	6.7	16	25	32	39
	●	●	055	1.5	–	1.0	1.5	2.2	3.1	3.3	4.9	5.6	7.4	16	25	32	39
	●	●	06	1.6	–	1.1	1.7	2.4	3.4	3.6	5.3	6.1	8.1	17	25	31	38
	●	●	07	1.7	–	1.3	2.0	2.8	3.9	4.2	6.2	7.1	9.4	17	25	31	38
	●	●	08	1.8	–	1.5	2.2	3.2	4.5	4.8	7.1	8.2	10.8	17	25	31	38
	●	●	09	1.9	–	1.7	2.5	3.6	5.0	5.4	7.9	9.2	12.1	17	25	31	38
	●	●	10	2.0	–	1.9	2.8	3.9	5.6	6.0	8.8	10.2	13.5	18	25	31	37
	●	●	13	2.3	–	2.5	3.6	5.1	7.3	7.8	11.5	13.3	17.5	18	25	31	37
	●	●	15	2.5	–	2.9	4.2	5.9	8.4	9.0	13.2	15.3	20	18	25	31	37
	●	●	20	2.8	–	3.8	5.6	7.9	11.2	12.1	17.7	20	27	19	25	31	37
	●	●	30	3.4	4.3	5.7	8.4	11.8	16.8	18.1	26	31	40	20	25	30	36
	●	●	40	3.9	5.8	7.6	11.2	15.8	22	24	35	41	54	21	25	29	35
	●	●	50	4.4	7.2	9.5	14.0	19.7	28	30	44	51	67	21	25	29	35
	●	●	60	4.8	8.6	11.4	16.8	24	34	36	53	61	81	22	25	29	35
●	●	70	5.2	10.1	13.3	19.5	28	39	42	62	71	94	22	25	29	35	
15°	●	●	0017	.28	–	–	–	.067	.095	.10	.15	.17	.23	–	15	30	37
	●	●	0025	.33	–	–	–	.099	.14	.15	.22	.25	.34	–	15	28	34
	●	●	0033	.38	–	–	–	.13	.18	.20	.29	.34	.45	–	15	27	32
	●	●	0050	.46	–	–	–	.20	.28	.30	.44	.51	.67	–	15	26	30
	●	●	0067	.53	–	–	–	.26	.37	.40	.59	.68	.90	–	15	25	29
	●	●	01	.66	–	–	–	.39	.56	.60	.88	1.0	1.3	–	15	24	28
	●	●	015	.81	–	–	–	.59	.84	.90	1.3	1.5	2.0	–	15	23	27
	●	●	02	.89	–	–	.56	.79	1.1	1.2	1.8	2.0	2.7	6	15	22	27
	●	●	03	1.1	–	–	.84	1.2	1.7	1.8	2.6	3.1	4.0	6	15	22	27
	●	●	04	1.3	–	–	1.1	1.6	2.2	2.4	3.5	4.1	5.4	7	15	21	26
	●	●	05	1.4	–	–	1.4	2.0	2.8	3.0	4.4	5.1	6.7	7	15	21	26
	●	●	055	1.5	–	–	1.5	2.2	3.1	3.3	4.9	5.6	7.4	7	15	21	26
	●	●	06	1.6	–	–	1.7	2.4	3.4	3.6	5.3	6.1	8.1	8	15	21	26
	●	●	07	1.7	–	–	2.0	2.8	3.9	4.2	6.2	7.1	9.4	8	15	21	26
	●	●	08	1.8	–	–	2.2	3.2	4.5	4.8	7.1	8.2	10.8	9	15	20	25
	●	●	09	1.9	–	–	2.5	3.6	5.0	5.4	7.9	9.2	12.1	9	15	20	25
	●	●	10	2.0	–	–	2.8	3.9	5.6	6.0	8.8	10.2	13.5	10	15	19	24
	●	●	11	2.1	–	2.1	3.1	4.3	6.1	6.6	9.7	11.2	14.8	10	15	19	24
	●	●	12	2.2	1.7	2.3	3.4	4.7	6.7	7.2	10.6	12.2	16.2	10	15	19	24
	●	●	15	2.5	2.2	2.9	4.2	5.9	8.4	9.0	13.2	15.3	20	10	15	19	24
	●	●	20	2.8	2.9	3.8	5.6	7.9	11.2	12.1	17.7	20	27	10	15	19	23
	●	●	30	3.4	4.3	5.7	8.4	11.8	16.8	18.1	26	31	40	10	15	19	21
	●	●	40	3.9	5.8	7.6	11.2	15.8	22	24	35	41	54	10	15	18	21
	●	●	50	4.4	7.2	9.5	14.0	19.7	28	30	44	51	67	11	15	18	21
●	●	60	4.8	8.6	11.4	16.8	24	34	36	53	61	81	11	15	18	21	
●	●	70	5.2	10.1	13.3	19.5	28	39	42	62	71	94	11	15	18	21	

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

Highlighted column shows the rated pressure.



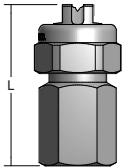
S PERFORMANCE DATA:
STANDARD ANGLE SPRAY

Spray Angle at 3 bar	UniJet Tip Type		Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)									Spray Angle (°)			
	13802	TPU			0.4 bar	0.7 bar	1.5 bar	3 bar	6 bar	7 bar	15 bar	20 bar	35 bar	1.5 bar	3 bar	6 bar	15 bar
0°	●	●	0009	.20	.013	.017	.025	.036	.050	.054	.079	.092	.12	0 Solid Stream			
	●	●	0012	.25	.017	.023	.034	.047	.067	.072	.11	.12	.16				
	●	●	0019	.30	.027	.036	.053	.075	.11	.11	.17	.19	.26				
	●	●	0021	.33	.030	.040	.059	.083	.12	.13	.19	.21	.28				
	●	●	0033	.41	.048	.063	.092	.13	.18	.20	.29	.34	.45				
	●	●	0050	.48	.072	.095	.14	.20	.28	.30	.44	.51	.67				
	●	●	0067	.58	.097	.13	.19	.26	.37	.40	.59	.68	.90				
	●	●	01	.71	.14	.19	.28	.39	.56	.60	.88	1.0	1.3				
	●	●	015	.86	.22	.29	.42	.59	.84	.90	1.3	1.5	2.0				
	●	●	02	.99	.29	.38	.56	.79	1.1	1.2	1.8	2.0	2.7				
	●	●	03	1.2	.43	.57	.84	1.2	1.7	1.8	2.6	3.1	4.0				
	●	●	04	1.4	.58	.76	1.1	1.6	2.2	2.4	3.5	4.1	5.4				
	●	●	045	1.5	.65	.86	1.3	1.8	2.5	2.7	4.0	4.6	6.1				
	●	●	05	1.6	.72	.95	1.4	2.0	2.8	3.0	4.4	5.1	6.7				
	●	●	055	1.7	.79	1.0	1.5	2.2	3.1	3.3	4.9	5.6	7.4				
	●	●	06	1.7	.86	1.1	1.7	2.4	3.4	3.6	5.3	6.1	8.1				
	●	●	065	1.8	.94	1.2	1.8	2.6	3.6	3.9	5.7	6.6	8.8				
	●	●	07	1.9	1.0	1.3	2.0	2.8	3.9	4.2	6.2	7.1	9.4				
	●	●	08	2.0	1.2	1.5	2.2	3.2	4.5	4.8	7.1	8.2	10.8				
	●	●	09	2.1	1.3	1.7	2.5	3.6	5.0	5.4	7.9	9.2	12.1				
●	●	10	2.2	1.4	1.9	2.8	3.9	5.6	6.0	8.8	10.2	13.5					
●	●	11	2.3	1.6	2.1	3.1	4.3	6.1	6.6	9.7	11.2	14.8					
●	●	12	2.4	1.7	2.3	3.4	4.7	6.7	7.2	10.6	12.2	16.2					
●	●	15	2.7	2.2	2.9	4.2	5.9	8.4	9.0	13.2	15.3	20					
●	●	20	3.1	2.9	3.8	5.6	7.9	11.2	12.1	17.7	20	27					
●	●	30	3.6	4.3	5.7	8.4	11.8	16.8	18.1	26	31	40					
●	●	40	4.1	5.8	7.6	11.2	15.8	22	24	35	41	54					

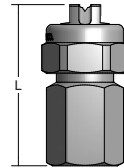
Other body types may be available. Contact your sales engineer for further information.

Highlighted column shows the rated pressure.

DIMENSIONS AND WEIGHTS

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (mm)	Hex. (in.)	Net Weight (kg)
	T (F) + TPU TT (M) + TPU	1/4	40.9	13/16	0.06

Based on the largest/heaviest version of each type.

Nozzle	Nozzle Type	Inlet Conn. (in.)	L (mm)	Hex. (in.)	Net Weight (kg)
	T (F) + 13802 TT (M) + 13802	1/4	48.0	13/16	0.06

Based on the largest/heaviest version of each type.

