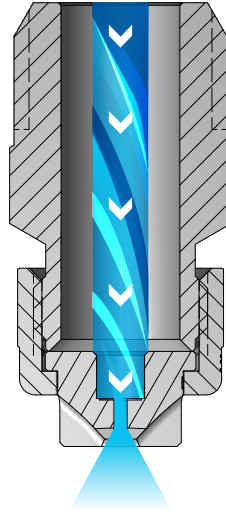


OVERVIEW: UNIJET

- 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

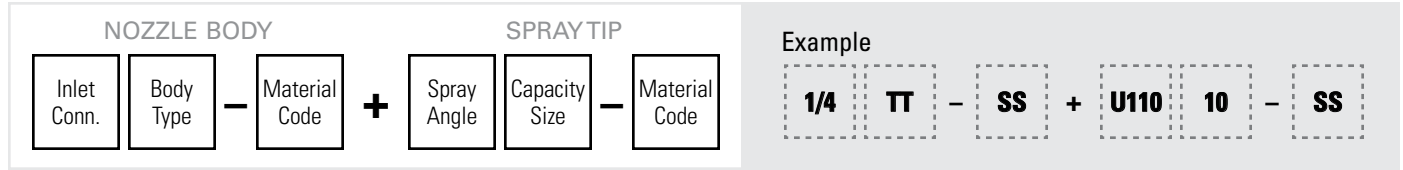
**RELATIVE DROP SIZE
IN MICRONS**

| | | | |
|-----------|------------|-------------|--------------|
| 10 to 100 | 100 to 500 | 500 to 1000 | 1000 to 5000 |
|-----------|------------|-------------|--------------|

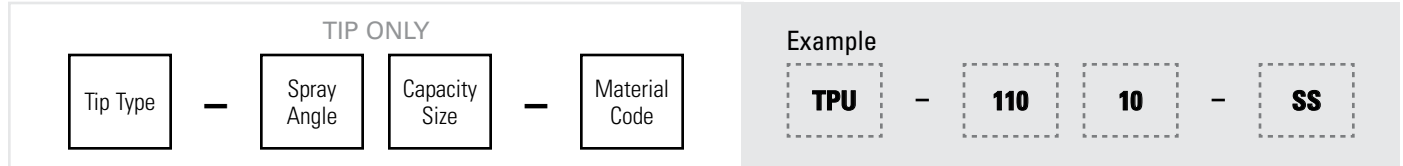
Drop size will vary based on flow rate and pressure.

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.



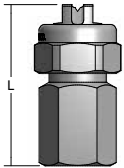
S PERFORMANCE DATA:
STANDARD ANGLE SPRAY

| 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 | | | | | |

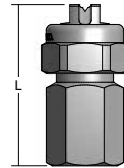
Other body types may be available. Contact your sales engineer for further information.

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.

