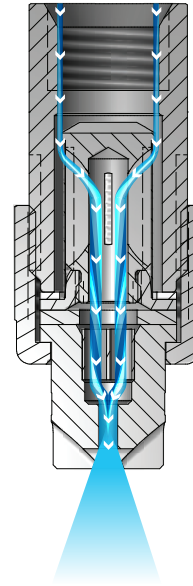


OVERVIEW: UNIJET HIGH PRESSURE SPRAY NOZZLE

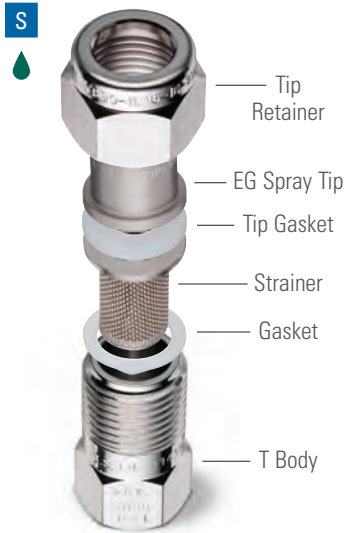
- Designed for operations requiring higher impact
- Save on nozzle replacement costs – bodies can be reused, only spray tips are replaced
- Design allows easy tip change out – remove tips by unscrewing the retainer cap
- Flat spray nozzles provide an even edge fan type spray pattern
- Spray angles from 0° to 65°
- Uniform spray distribution across the entire spray pattern and flow rates from .41 to 17.3 gpm (1.5 to 64 lpm)
- Operating pressures from 300 to 3000 psi (20 to 200 bar) – higher than standard tips
- Body assembly consists of high pressure nozzle body, strainer, tip gasket and high pressure tip retainer



UniJet High Pressure Nozzles

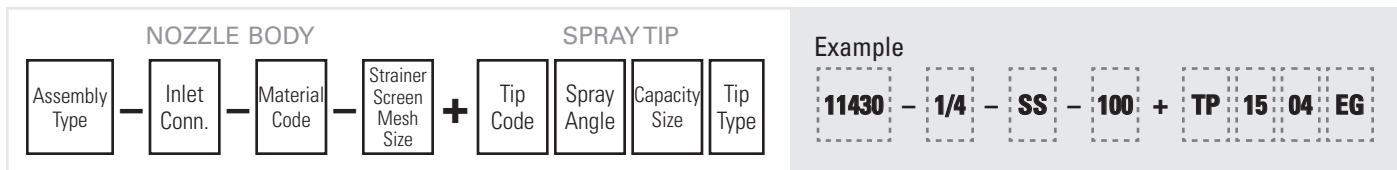
As the liquid exits through the rounded U shape of the orifice, it forms into a flat spray pattern. The distribution is even at pressures above 300 psi (20 bar).

UNIJET HIGH PRESSURE
SPRAY NOZZLE



EG Spray Tip + 11430 Assembly
Use with gasket, screen strainer, tip gasket and high pressure tip retainer

ORDERING INFORMATION
UNIJET HIGH PRESSURE



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

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.



QUICK REFERENCE GUIDE

Model	Connection	Connection Size (in.)	Materials	Page Number	
				Performance Data	Dimensions and Weights
11430 body assembly	F	1/4	303 stainless steel (SS)	–	C39
EG spray tip	NA	NA	Hardened stainless steel	C39	

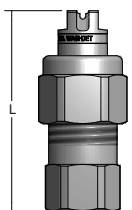
F = female thread; NA = not applicable. No material code is required for hardened stainless steel. Leave material code blank when ordering.
For more dimensions and sizes, contact your sales engineer.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

UniJet Tip Type	Spray Angle at 3 bar						Capacity Size	Flow Rate Capacity (liters per minute)								
	EG	0°*	15°	25°	40°	50°		65°	3 bar	20 bar	35 bar	50 bar	80 bar	100 bar	140 bar	170 bar
●	●						015	.59	1.5	2.0	2.4	3.1	3.4	4.0	4.5	4.8
●	●						02	.79	2.0	2.7	3.2	4.1	4.6	5.4	5.9	6.4
●	●	●	●				03	1.2	3.1	4.0	4.8	6.1	6.8	8.1	8.9	9.7
●	●	●	●	●		●	04	1.6	4.1	5.4	6.4	8.2	9.1	10.8	11.9	12.9
●	●	●	●	●			045	1.8	4.6	6.1	7.3	9.2	10.3	12.1	13.4	14.5
●	●	●	●	●			05	2.0	5.1	6.7	8.1	10.2	11.4	13.5	14.9	16.1
●	●	●	●	●			055	2.2	5.6	7.4	8.9	11.2	12.5	14.8	16.3	17.7
●	●	●	●	●	●	●	06	2.4	6.1	8.1	9.7	12.2	13.7	16.2	17.8	19.3
●	●		●				065	2.6	6.6	8.8	10.5	13.3	14.8	17.5	19.3	21
●	●	●	●	●	●	●	07	2.8	7.1	9.4	11.3	14.3	16.0	18.9	21	23
●	●	●	●	●		●	08	3.2	8.2	10.8	12.9	16.3	18.2	22	24	26
●	●	●	●	●		●	09	3.6	9.2	12.1	14.5	18.3	21	24	27	29
●	●	●	●	●	●		10	3.9	10.2	13.5	16.1	20	23	27	30	32
●	●		●				11	4.3	11.2	14.8	17.7	22	25	30	33	35
●			●				12	4.7	12.2	16.2	19.3	24	27	32	36	39
●	●	●		●			13	5.1	13.3	17.5	21	27	30	35	39	42
●	●						14	5.5	14.3	18.9	23	29	32	38	42	45
●		●	●	●			15	5.9	15.3	20	24	31	34	40	45	48
●	●			●	●		20	7.9	20	27	32	41	46	54	59	64

*0° = Solid Stream.
Other body types may be available. Contact representative 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)
	11430 (F) + EG	1/4	56.3	13/16	0.10

Based on the largest/heaviest version of each type.