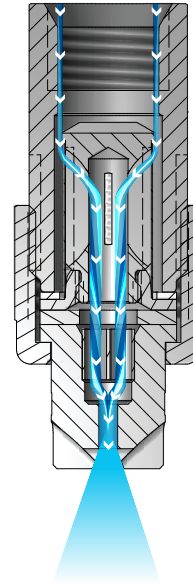


**OVERVIEW: UNIJET HIGH PRESSURE SPRAY NOZZLE**

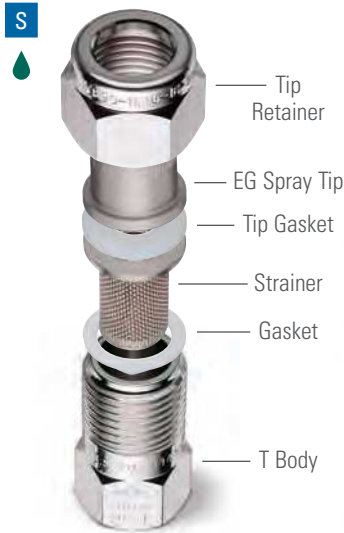
- Designed for operations requiring higher impact
- Save on nozzle replacement costs – bodies can be reused, only spray tips are replaced
- Design allows easy tip change out – remove tips by unscrewing the retainer cap
- Flat spray nozzles provide an even edge fan type spray pattern
- Spray angles from 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).

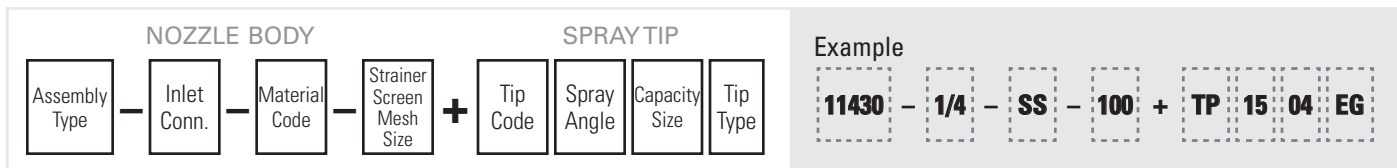
**UNIJET HIGH PRESSURE SPRAY NOZZLE**



**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	

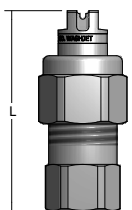
F = female thread; NA = not applicable. No material code is required for hardened stainless steel. Leave material code blank when ordering.  
For more dimensions and sizes, contact your sales engineer.

S PERFORMANCE DATA: STANDARD ANGLE SPRAY

UniJet Tip Type	Spray Angle at 40 psi						Capacity Size	Flow Rate Capacity (gallons per minute)								
	EG	0°*	15°	25°	40°	50°		65°	40 psi	300 psi	500 psi	750 psi	1000 psi	1500 psi	2000 psi	2500 psi
•	•						015	.15	.41	.53	.65	.75	.92	1.1	1.2	1.3
•	•						02	.20	.55	.71	.87	1.0	1.2	1.4	1.6	1.7
•	•	•	•				03	.30	.82	1.1	1.3	1.5	1.8	2.1	2.4	2.6
•	•	•	•	•		•	04	.40	1.1	1.4	1.7	2.0	2.4	2.8	3.2	3.5
•	•	•	•	•			045	.45	1.2	1.6	1.9	2.3	2.8	3.2	3.6	3.9
•	•	•	•	•			05	.50	1.4	1.8	2.2	2.5	3.1	3.5	4.0	4.3
•	•	•	•	•			055	.55	1.5	1.9	2.4	2.8	3.4	3.9	4.3	4.8
•	•	•	•	•	•	•	06	.60	1.6	2.1	2.6	3.0	3.7	4.2	4.7	5.2
•	•		•				065	.65	1.8	2.3	2.8	3.3	4.0	4.6	5.1	5.6
•	•	•	•	•	•	•	07	.70	1.9	2.5	3.0	3.5	4.3	4.9	5.5	6.1
•	•	•	•	•		•	08	.80	2.2	2.8	3.5	4.0	4.9	5.7	6.3	6.9
•	•	•	•	•		•	09	.90	2.5	3.2	3.9	4.5	5.5	6.4	7.1	7.8
•	•	•	•	•	•		10	1.0	2.7	3.5	4.3	5.0	6.1	7.1	7.9	8.7
•	•		•				11	1.1	3.0	3.9	4.8	5.5	6.7	7.8	8.7	9.5
•			•				12	1.2	3.3	4.2	5.2	6.0	7.3	8.5	9.5	10.4
•	•	•		•			13	1.3	3.6	4.6	5.6	6.5	8.0	9.2	10.3	11.3
•	•						14	1.4	3.8	4.9	6.1	7.0	8.6	9.9	11.1	12.1
•		•	•	•			15	1.5	4.1	5.3	6.5	7.5	9.2	10.6	11.9	13.0
•	•			•	•		20	2.0	5.5	7.1	8.7	10.0	12.2	14.1	15.8	17.3

\*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 (in.)	Hex. (in.)	Net Weight (oz.)
	11430 (F) + EG	1/4	2.218	13/16	3.5

Based on the largest/heaviest version of each type.

