

Which Type of Solo Portable Sprayer Nozzle is correct for my application?

Adjustable Nozzles – Tree & Varied Height Spraying

Flat Spray Nozzles – Spraying Paths, Garden Beds and General Area Spraying

Hollow Cone Nozzles – Spot Ground Spraying and for bushes and small trees

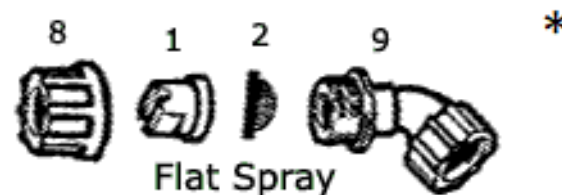
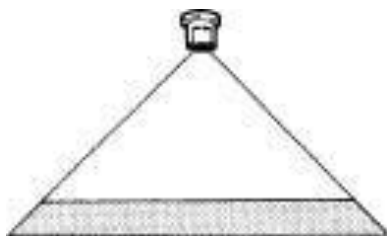
Jet Stream – Spot & Longer Range Spraying, Over Obstacles

No Drift Nozzles – Herbicides at Low Pressure, Precision High Volume

Solo Sprayer Nozzle specifications

Flat Spray Nozzles

Area and row treatment



Flat spray nozzle – plastic Solo 40-74-263

Spray Volume		Pressure		Angle
l/min	US gal /min	atu atm	psi	
0.88	.23	1.0	15	120°
1.25	.33	2.0	29	120°
1.53	.40	3.0	44	120°

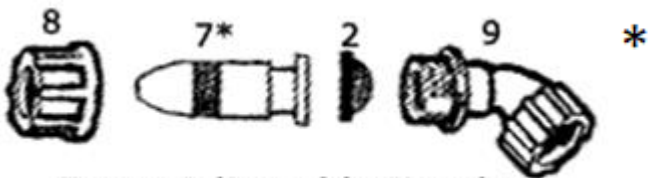
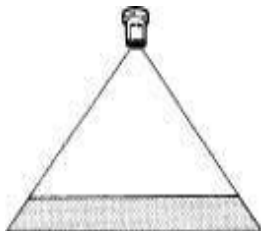
Flat spray nozzle – brass Solo 00-65-210

Spray Volume		Pressure		Angle
l/min	US gal /min	atu atm	psi	
0.46	.12	1.0	15	80°

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Adjustable Nozzles

Tree Spraying adjustable spraying pattern)



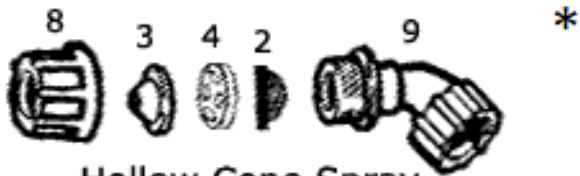
Brass Adjustable Nozzle

Adjustable nozzle – brass Solo 49-00-207

Spray Volume		Pressure		Angle
l/min	US gal /min	atu atm	psi	
1.53	.40	2.8	40	Straight Stream Hollow Cone

Hollow Cone Nozzles

Shrubs, bushes



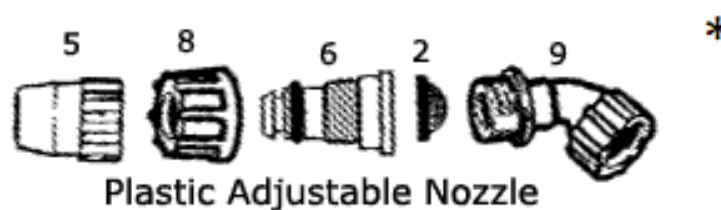
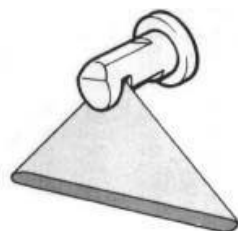
Hollow Cone Spray

Hollow cone nozzle 1.4 mm orifice Solo 49-00-252

Spray Volume		Pressure		Angle
l/min	US gal /min	atu atm	psi	
0.64	.17	1.0	15	50°
0.91	.24	2.0	29	65°
1.11	.29	3.0	44	65°

No-Drift Nozzles

Mainly for herbicides at low pressure



No-drift nozzle N 2.5 Solo 40-74-514

Spray Volume		Pressure		Angle
l/min	US gal /min	atu atm	psi	
0.72	.19	0.4	6	110°
0.95	.25	0.7	10	110°
1.14	.30	1.0	15	110°

*Spray Nozzle/Tip Assembly

1. Flat Spray Nozzle
2. Filter
3. Jet Cap
4. Swirl Plate
5. Nozzle Cap
6. Nozzle Body
7. Brass Adjustable Nozzle[†]
8. Nozzle Retaining Nut
9. Nozzle/Tip Elbow

[†]Brass adjustable nozzle is not a standard item on all Solo Sprayers.

Source: <https://www.sprayer-outlet.com/Solo-Backpack-Sprayer-Nozzles.htm>