

SPRATRONICS O-Nozzles



VO265

Variable Orifice Nozzles Adjusts to Large Speed Changes

Unlike fixed orifice nozzles that lose pattern at lower pressures and have limited flow rates at higher pressure, the O-Nozzle responds uniformly across the full range of pump pressures and flow rates. Liquid sprays out around the "o" at the cone shaped orifice and is metered out by the precision needle-shaped valve. This variable orifice feature is the key to achieving a consistent flow rate at all speeds.



- Flow Rate Range of 0-13
- GPM Rating from 10 to 45 PSI
- Each Nozzle has a 1/2" MPT Fitting

The **VO250-D Deflector O-Nozzle** is a variation on the standard O-Nozzle. A deflector tip turns the spray 90° and spreads the stream over an evenly spaced 100° fan-shaped spray.



VO250-D

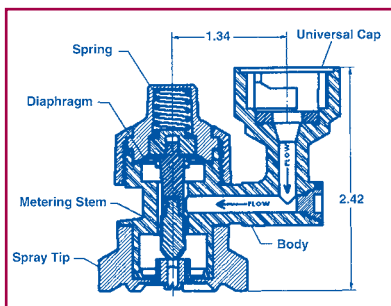
O-Nozzles

Part No.	Description
CQ VO265-4	Variable Orifice Nozzle - High
CQ VO265-6	Variable Orifice Nozzle - Medium
CQ VO250D	Variable Orifice Nozzle with Deflector

VariTarget™ Nozzles

Variable Orifice for Variable Rate Applications Replaces (8) Conventional Nozzles!

- Flow Rate: 0.15-0.80 GPM @ 15-50 PSI; (Max: 1.5 GPM @ 100 PSI)
- Spray Angle: 110 Degrees.
- Droplet Size: **Very Fine (Red Cap)** for Contact Application
Fine (Orange Cap) for Contact Application
Medium (Yellow Cap) for Contact Application
Coarse (Blue Cap) for Systemic Application
Very Coarse (Green Cap) for Systemic Application
- Fits TeeJet™ Nozzle Bodies
- Suitable for wide range of spray speeds, from 2 to 20 mph
- Suitable for wide range of application rates, from 5 to 40 GPA
- Fast response to rate changes; Self Cleaning
- Compatible with pressure regulators or automatic rate controllers



Gallons Per Acre (GPA) - 20" Spacing									
PSI	Flow GPM								24
	6	8	10	12	15	20	22	24	
16	.15	7.4	5.6	4.5	3.7	3.0	2.2	2.0	1.8
25	.20	9.9	7.4	5.9	5.0	4.0	3.0	2.7	2.5
32	.30	14.9	11.1	8.9	7.4	5.9	4.5	4.0	3.7
35	.40	19.8	14.9	11.9	9.9	7.9	5.9	5.4	4.9
38	.50	25.0	18.6	14.9	12.4	9.9	7.4	6.7	6.2
41	.60	30.0	22.0	17.8	14.9	11.9	8.9	8.1	7.4
44	.70	34.6	26.0	20.8	17.3	13.9	10.4	9.4	8.6
47	.80	40.0	30.0	24.0	19.8	15.8	11.9	10.8	9.9
60	1.00	50.0	37.0	30.0	25.0	19.8	14.9	13.5	12.4
65	1.20	59.0	45.0	36.0	30.0	24.0	17.8	16.2	14.8
85	1.50	74.0	56.0	45.0	37.0	30.0	22.0	20.2	18.5



Part No.	VariTarget
DL VTR	Nozzle Assembly, Very Fine Droplet, Red
DL VTO	Nozzle Assembly, Fine Droplet, Orange
DL VTY	Nozzle Assembly, Medium Droplet, Yellow
DL VTB	Nozzle Assembly, Coarse Droplet, Blue
DL VTG	Nozzle Assembly, Very Coarse Droplet, Green .

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CP PRODUCTS Variable Orifice Nozzles for Custom Applications

CP FLOATER NOZZLES



CP59LS Low Volume Floater Nozzle with (3) SS Turbo Tips & (8) Flood Equivalent Orifices (2.5, 5, 7.5, 10, 15, 20, 24, & 30).

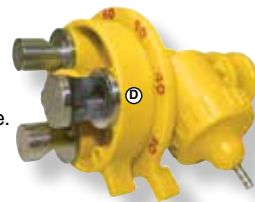
CP59HV High Volume Floater Nozzle with (3) SS Turbo Tips & (8) Flood Equivalent Orifices (5, 10, 15, 20, 30, 40, 50 & 60).

CP55R3 Medium Volume Floater Nozzle with stainless steel orifice selector and deflector. Orifices (5,10, 20, 30, 40, 50 & 60).

FLOATER NOZZLE/CHECK VALVE COMBOS

CP109LS Low Volume Combo. Similar to CP59LS but Includes Built-In Check Valve.

CP109HV High Volume Combo. Similar to CP59HV but Includes Built-In Check Valve.



CP65TSL

PRE-EMERGE SPRAYER PRODUCTS

CP65TSL Low Volume Sprayer Turbo, Poly Selector, 6 Poly Tips (#1.5, 2, 3, 4, 5, 6).

CP65TS Standard Sprayer Turbo, Poly Selector and 6 Poly Tips. (#3, 4, 5, 6, 8, 10).

CP65TSHP High Volume Sprayer Turbo with Poly Selector, 6 Poly Tips (#10, 15, 20, 25, 30, 33).



CPS275T Triple Straight Stream Tip Accessory. (Mounts to CP65 Series models).

Filter Screen Sold Separately from Nozzles

Part No.	Description
CQ CP59LS	Low Volume Floater Nozzle / 8 Orifice.....
CQ CP59HV	High Volume Floater Nozzle / 8 Orifice.....
CQ CP55R3	Medium Volume Floater Nozzle.....
CQ CP109LS	Low Volume Turbo Nozzle with Check Valve.....
CQ CP109HV	High Volume Turbo Nozzle with Check Valve.....
CQ CP65TSL	Low Volume Turbo Nozzle / 6 Orifice.....
CQ CP65TS	Standard Volume Turbo Nozzle / 6 Orifice.....
CQ CP65TSHP	High Volume Turbo Nozzle / 6 Orifice / Poly Tips..

SPRAY ACCESSORIES & PARTS

Part No.	Description
CQ CP80C	90° Elbow 3/4" Coupler x 3/4" Cam Lock Adapter...
CQ CP80P	90° Elbow 3/4" MNPT x 3/4" Cam Lock Coupler...
CQ CP49	Filter Screen.....
CQ CPS275T	Triple Straight Stream Tip ...
CQ CPF270T5ST	5 Straight Stream Tip.....
CQ CP31808	#8 Viton® O-Ring.....
CQ CP31813	#13 Viton® O-Ring.....
CQ CP31814	#14 Viton® O-Ring.....
CQ CPF310VC	Viton® Diaphragm.....
CQ CPF310TC	Teflon Diaphragm.....
CQ CP376	Detent Spring, Stainless.
CQ CP377	Detent Ball, Stainless....



CPF270T5ST Five Straight Stream Tip (Mounts to CP59 & CP109 Series models).