TeeJet Variable Rate Nozzles

Unique design provides very wide flow rate range with reasonable pressure changes for variable rate applications. Can eliminate the need for changing nozzles, multiple nozzles on turrets and changing orifice discs. ***Intended for use with flow meter based control systems only.***

10% Discount On Package of 25

SJ3-VR

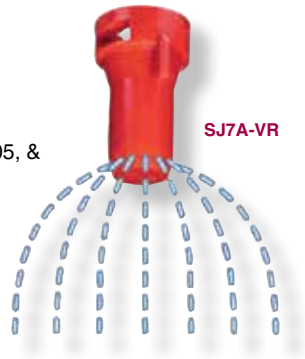
Variable Rate 3 Stream Nozzles

- **SJ3-VR** Replaces Standard 03, 04, 05, 06 & 08 SJ3 Capacities; SJ3-VR-X2.0 Replaces Standard 06, 08, 10 & 15 SJ3 Capacities.
- Pressure Range: 20 PSI to 100 PSI
- Flow Range: 0.21 GPM to 0.93 GPM
- X2.0 Version Flow Range: 0.42 - 1.58
- Acetal Body & Deflector Plate Construction for Good Wear Life & Chemical Resistance
- Simple, Elastomer (EPDM) Variable Orifice for Reliable Operation

Part No.	
SS SJ3-VR-X0.5	VR 3 Stream Nozzle, 0.5 Yellow
SS SJ3-VR	VR 3 Stream Nozzle, 1.0 Red
SS SJ3-VR-X2.0	VR 3 Stream Nozzle, 2.0 Blue

SJ7-VR

Variable Rate 7 Stream Nozzles



- **SJ7-VR** Replaces Standard 03, 04, 05, & 06 SJ7 Capacities
- SJ7A-VR-X2.0 Replaces Standard 08, 10 & 15 SJ7A Capacities
- Pressure Range: 30 PSI to 80 PSI
- Flow Range: 0.28 GPM to 0.80 GPM
- 2.0 Version Flow Range: 0.61 - 1.64 GPM
- Acetal Body & Deflector Plate Construction for Good Wear Life & Chemical Resistance
- Simple, Elastomer (EPDM) Variable Orifice for Reliable Operation

Part No.	
SS SJ7A-VR-X1.0	VR 7 Stream Nozzle, 1.0 Red
SS SJ7A-VR-X2.0	VR 7 Stream Nozzle, 2.0 Blue

QJ-VR

Variable Rate Nozzles
Hose Barb Exit

- Available With 1/4" & 1/2" Hose Barbs - Poly or Stainless Steel
- Replaces Standard 4916-46 thru -72 Orifice Discs; X2.0 Version Replaces Standard 4916-67 thru -103 Discs
- Pressure Range: 10 PSI to 100 PSI
- Flow Range: 0.13 GPM to 1.03 GPM
- X2.0 Version Flow Range: 0.27 - 2.18 GPM

Part No.	Description
SS QJVR-X1.0	VR Nozzle, QJ Tabs, Red 1.0
SS QJVR-1/4SS	VR Nozzle, 1/4", SS HB, Red 1.0
SS QJVR-5/16SS	VR Nozzle, 5/16", SS HB, Red 1.0
SS QJVR-3/8SS	VR Nozzle, 3/8", SS HB, Red 1.0
SS QJVR-3/8NYB	VR Nozzle, 3/8", Poly HB, Red 1.0
SS QJVR-X2.0	VR Nozzle, Male QuickJet Outlet, Blue 2.0
SS QJVR-3/8SS-X2.0	VR Nozzle, 3/8", SS HB, Blue 2.0
SS QJVR-3/8NYB-X2.0	VR Nozzle, 3/8", Poly HB, Blue 2.0
SS QJVR-1/2SS-X2.0	VR Nozzle, 1/2", SS HB, Blue 2.0

PTC-VR

Variable Rate Nozzles
Push to Connect Exit

- Available In 3 Sizes with *John Guest* Tubing "Push-to-Fit" Connectors. 1/4", 5/16" & 3/8" O.D. Tubing
- Replaces Standard 4916-48 thru -70 Orifice Discs; 2.0 Version Replaces Standard 4916-67 thru -103 Discs
- Pressure Range: 10 PSI to 100 PSI
- Flow Range: 0.14 GPM to 1.00 GPM
- X0.5 Flow Range: x 1/2. X2 Flow Range: x 2.

Part No.	
SS PTCVR-1/4	VR Nozzle with 1/4" Tubing Connector, Red 1.0
SS PTCVR-5/16	VR Nozzle with 5/16" Tubing Connector, Red 1.0
SS PTCVR-3/8	VR Nozzle with 3/8" Tubing Connector, Red 1.0
SS PTCVR-1/4-X0.5	VR Nozzle with 1/4" Tubing Connector, Yellow 0.5
SS PTCVR-3/8-X0.5	VR Nozzle with 3/8" Tubing Connector, Yellow 0.5
SS PTCVR-5/16-X0.5	VR Nozzle with 5/16" Tubing Connector, Yellow 0.5
SS PTCVR-3/8-X2.0	VR Nozzle with 3/8" Tubing Connector, Blue 2.0

— See Adjacent Page for John Guest Bodies —

Variable Rate Nozzle Application Information

	PSI	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN	GPA 20" 3 MPH	4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
SJ3-VR-X1.0	20	0.21	27	21	15.6	12.5	10.4	7.8	6.2	5.2	4.5	3.9	3.5	3.1
	30	0.28	36	28	21	16.6	13.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2
	40	0.35	45	35	26	21	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2
	50	0.43	55	43	32	26	21	16.0	12.8	10.6	9.1	8.0	7.1	6.4
	60	0.51	65	50	38	30	25	18.9	15.1	12.6	10.8	9.5	8.4	7.6
	70	0.61	78	60	45	36	30	23	18.1	15.1	12.9	11.3	10.1	9.1
	80	0.71	91	70	53	42	35	26	21	17.6	15.1	13.2	11.7	10.5
	90	0.82	105	81	61	49	41	30	24	20	17.4	15.2	13.5	12.2
	100	0.93	119	92	69	55	46	35	28	23	19.7	17.3	15.3	13.8

	PSI	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA 20" 3 MPH	4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
SJ7A-VR-X1.0	30	0.28	36	28	21	16.6	13.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2
	40	0.35	45	35	26	21	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2
	50	0.44	56	44	33	26	22	16.3	13.1	10.9	9.3	8.2	7.3	6.5
	60	0.55	70	54	41	33	27	20	16.3	13.6	11.7	10.2	9.1	8.2
	70	0.67	86	66	50	40	33	25	19.9	16.6	14.2	12.4	11.1	9.9
	80	0.80	102	79	59	48	40	30	24	19.8	17.0	14.9	13.2	11.9