

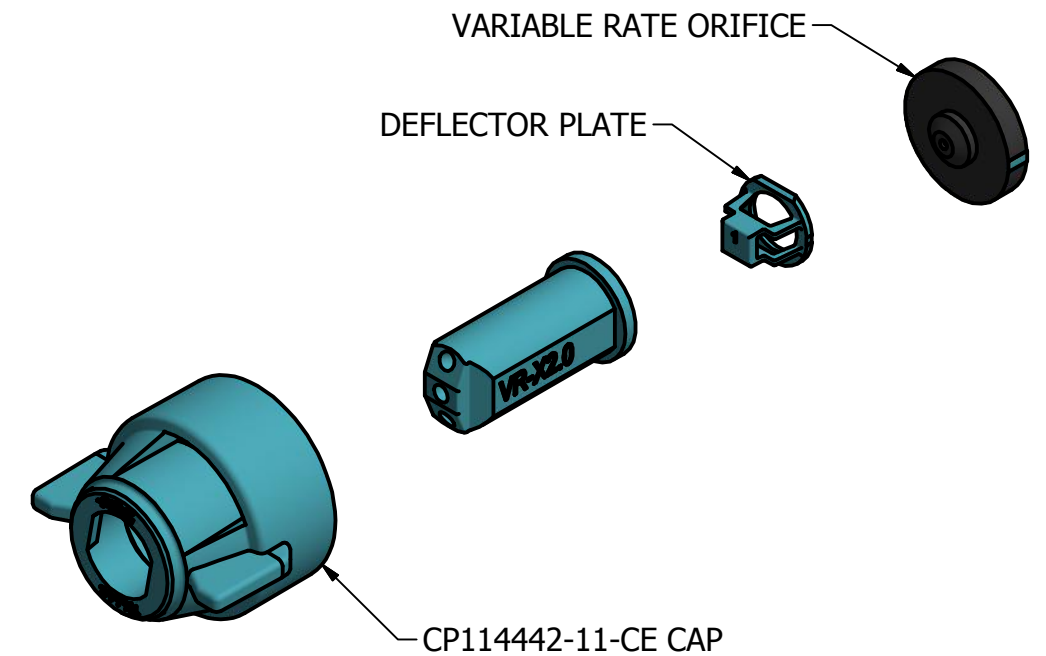
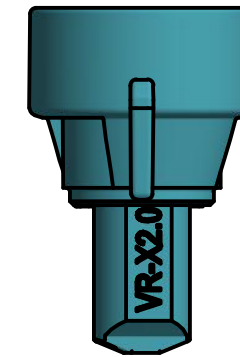
# SJ3-VR-X2.0 VARIABLE RATE STREAMJET

## FEATURES:

- DESIGNED FOR USE IN FLOWMETER-BASED APPLICATION SYSTEMS
- CREATES THREE IDENTICAL FLUID STREAMS OF EQUAL VELOCITY AND CAPACITY
- EXCELLENT SPRAY DISTRIBUTION QUALITY
- REMOVABLE VARIABLE RATE ORIFICE (EPDM) FOR EASY CLEANING
- VARIABLE RATE FOR A WIDE RANGE OF APPLICATION SPEEDS AND RATES
- NYLON, ACETAL & EPDM CONSTRUCTION FOR EXCELLENT CHEMICAL RESISTANCE
- RECOMMENDED OPERATING PRESSURE: 1.5 - 7.0 BAR (20 - 100 PSI) FOR OPTIMUM STREAM PERFORMANCE

## TYPICAL APPLICATIONS:

- EXCELLENT FOR VARIABLE RATE APPLICATION OF LIQUID FERTILIZER
- EXCELLENT FOR MAINTAINING A FIXED RATE OVER A WIDE RANGE OF SPEEDS



SJ3-VR-X2.0 VARIABLE RATE STREAMJET										
TIP NO. (STRAINER MESH SIZE)	LIQUID PRESSURE IN BAR	CAPACITY 1 NOZZLE IN L/MIN	50 CM SPACING							
			LITERS PER HECTARE							
			8 KM/H	10 KM/H	12 KM/H	16 KM/H	20 KM/H	25 KM/H	30 KM/H	35 KM/H
SJ3-VR-X2.0 (50)	1.5	2.19	329	263	219	164	131	105	87.6	75.1
	2.0	2.58	387	310	258	194	155	124	103	88.5
	2.5	2.97	446	356	297	223	178	143	119	102
	3.0	3.36	504	403	336	252	202	161	134	115
	3.5	3.74	561	449	374	281	224	180	150	128
	4.0	4.11	617	493	411	308	247	197	164	141
	5.0	4.85	728	582	485	364	291	233	194	166
	6.0	5.58	837	670	558	419	335	268	223	191
	7.0	6.29	944	755	629	472	377	302	252	216

DENSITY OF SOLUTION	CONVERSION FACTOR
0.84 KG/L	0.92
0.96 KG/L	0.98
1.00 - WATER	1.00
1.08 KG/L	1.04
1.20 KG/L	1.10
1.28 - 28% NITROGEN	1.13
1.32 KG/L	1.15
1.44 KG/L	1.20
1.68 KG/L	1.30

- \* APPLICATION DATA IS BASED ON SPRAYING WATER AT 21 DEG C (70 DEG F).
- \* DEFLECTOR PLATE REQUIRED TO MAINTAIN PUBLISHED FLOW RATES AND STEADY STREAM.
- \* NOTE: FOR 35 CM TIP SPACING MULTIPLY CHART VALUES BY 1.43.  
FOR 75 CM TIP SPACING MULTIPLY CHART VALUES BY 0.67.
- \* SEE DS50050M FOR ADDITIONAL INFORMATION ON SJ3 FIXED RATE STREAMJET.

OPTIMUM SPRAY HEIGHT	
NOZZLE SPACING	SPRAY HEIGHT
50 CM	50 CM
75 CM	75 CM
100 CM	100 CM

- \* FOR BEST SPRAY DISTRIBUTION MAINTAIN A 1:1 RATIO OF TIP HEIGHT TO TIP SPACING.

<b>DESCRIPTION:</b>  APPLICATION RATES FOR SJ3-VR-X2.0 VARIABLE RATE 3-ORIFICE FERTILIZER NOZZLE (METRIC)		
	REVISION NO. 1	DATASHEET <b>DSSJ3-VR-X2.0M</b>
	REFERENCE: 5/9/2017	SHEET: _____ DWG SIZE: <b>B</b>