

Typical Applications



**FERTILIZER
BROADCAST
EXCELLENT**



**DRIFT
CONTROL
EXCELLENT**

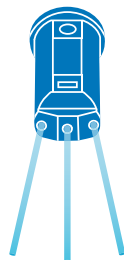


FERTILIZER NOZZLES

FEATURES

- Excellent for application of liquid fertilizer on bare ground or in standing crop.
- Three-stream pattern is ideal for directed application.
- Three solid streams of equal velocity and capacity.
- Offered in a variety of sizes for a wide range of application rates.
- VisiFlo® color-coding for easy capacity identification.
- All acetal construction for excellent chemical resistance.
- Solid stream pattern minimizes leaf burn and virtually eliminates drift.
- Equally spaced distribution at 50 cm height.
- Use with Quick TeeJet® 114443A*-CEL R cap and gasket.

SPRAY PATTERN



OPTIMUM SPACING AND SPRAY HEIGHT

HEIGHT	SPACING
50 cm	50 cm
75 cm	75 cm
100 cm	100 cm

RECOMMENDED PRESSURE RANGE



1.5–4 bar

MATERIALS AVAILABLE



POLYMER

HOW TO ORDER


Polymer with VisiFlo color-coding

S J 3 - 0 3 - V P

Tip
Type

Capacity
Size

Material
Code

TIP PART NO. (STRAINER MESH SIZE)	 bar	CAPACITY ONE TIP IN l/min	APPLICATION RATE FOR 50 cm SPRAY TIP SPACING									
			l/ha									
			4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h	30 km/h	35 km/h
SJ3-015-VP (100)	1.5	0.44	132	88.0	66.0	52.8	44.0	33.0	26.4	21.1	17.6	15.1
	2.0	0.50	150	100	75.0	60.0	50.0	37.5	30.0	24.0	20.0	17.1
	2.5	0.54	162	108	81.0	64.8	54.0	40.5	32.4	25.9	21.6	18.5
	3.0	0.58	174	116	87.0	69.6	58.0	43.5	34.8	27.8	23.2	19.9
	4.0	0.65	195	130	97.5	78.0	65.0	48.8	39.0	31.2	26.0	22.3
SJ3-02-VP (50)	1.5	0.57	171	114	85.5	68.4	57.0	42.8	34.2	27.4	22.8	19.5
	2.0	0.64	192	128	96.0	76.8	64.0	48.0	38.4	30.7	25.6	21.9
	2.5	0.70	210	140	105	84.0	70.0	52.5	42.0	33.6	28.0	24.0
	3.0	0.78	234	156	117	93.6	78.0	58.5	46.8	37.4	31.2	26.7
	4.0	0.85	255	170	128	102	85.0	63.8	51.0	40.8	34.0	29.1
SJ3-03-VP (50)	1.5	0.91	273	182	137	109	91.0	68.3	54.6	43.7	36.4	31.2
	2.0	1.01	303	202	152	121	101	75.8	60.6	48.5	40.4	34.6
	2.5	1.10	330	220	165	132	110	82.5	66.0	52.8	44.0	37.7
	3.0	1.18	354	236	177	142	118	88.5	70.8	56.6	47.2	40.5
	4.0	1.31	393	262	197	157	131	98.3	78.6	62.9	52.4	44.9
SJ3-04-VP (50)	1.5	1.17	351	234	176	140	117	87.8	70.2	56.2	46.8	40.1
	2.0	1.32	396	264	198	158	132	99.0	79.2	63.4	52.8	45.3
	2.5	1.45	435	290	218	174	145	109	87.0	69.6	58.0	49.7
	3.0	1.56	468	312	234	187	156	117	93.6	74.9	62.4	53.5
	4.0	1.75	525	350	263	210	175	131	105	84.0	70.0	60.0
SJ3-05-VP (50)	1.5	1.42	426	284	213	170	142	107	85.2	68.2	56.8	48.7
	2.0	1.63	489	326	245	196	163	122	97.8	78.2	65.2	55.9
	2.5	1.82	546	364	273	218	182	137	109	87.4	72.8	62.4
	3.0	1.96	588	392	294	235	196	147	118	94.1	78.4	67.2
	4.0	2.18	654	436	327	262	218	164	131	105	87.2	74.7
SJ3-06-VP (50)	1.5	1.69	507	338	254	203	169	127	101	81.1	67.6	57.9
	2.0	1.97	591	394	296	236	197	148	118	94.6	78.8	67.5
	2.5	2.21	663	442	332	265	221	166	133	106	88.4	75.8
	3.0	2.40	720	480	360	288	240	180	144	115	96.0	82.3
	4.0	2.63	789	526	395	316	263	197	158	126	105	90.2
SJ3-08-VP	1.5	2.32	696	464	348	278	232	174	139	111	92.8	79.5
	2.0	2.74	822	548	411	329	274	206	164	132	110	93.9
	2.5	2.94	882	588	441	353	294	221	176	141	118	101
	3.0	3.13	939	626	470	376	313	235	188	150	125	107
	4.0	3.50	1050	700	525	420	350	263	210	168	140	120
SJ3-10-VP	1.5	2.73	819	546	410	328	273	205	164	131	109	93.6
	2.0	3.30	990	660	495	396	330	248	198	158	132	113
	2.5	3.55	1065	710	533	426	355	266	213	170	142	122
	3.0	3.91	1173	782	587	469	391	293	235	188	156	134
	4.0	4.44	1332	888	666	533	444	333	266	213	178	152
SJ3-15-VP	1.5	3.91	1173	782	587	469	391	293	235	188	156	134
	2.0	4.64	1392	928	696	557	464	348	278	223	186	159
	2.5	5.29	1587	1058	794	635	529	397	317	254	212	181
	3.0	5.86	1758	1172	879	703	586	440	352	281	234	201
	4.0	6.76	2028	1352	1014	811	676	507	406	324	270	232
SJ3-20-VP	1.5	5.58	1674	1116	837	670	558	419	335	268	223	191
	2.0	6.48	1944	1296	972	778	648	486	389	311	259	222
	2.5	7.31	2193	1462	1097	877	731	548	439	351	292	251
	3.0	8.05	2415	1610	1208	966	805	604	483	386	322	276
	4.0	9.31	2793	1862	1397	1117	931	698	559	447	372	319

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. See technical information (pages 179–202) for useful formulas and other technical information.

Typical Applications



**FERTILIZER
BROADCAST
EXCELLENT**



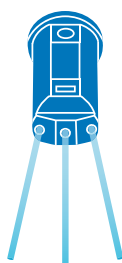
**DRIFT
CONTROL
EXCELLENT**



FEATURES

- The SJ3-VR line of variable rate fertilizer spray tips feature a variable diameter orifice that produces a wide range of flow rates—it's like having five tips in one.
- Allows for a wider range of ground speeds and/or application rates from a single tip for improved productivity.
- Are also ideal for variable rate prescription map applications.
- SJ3-VR tip produces three identical fluid streams for excellent distribution quality in directed applications.
- Solid stream pattern minimizes leaf burn and virtually eliminates drift.
- Acetal body and deflector plate construction for good wear life and chemical resistance.
- Simple, elastomer (EPDM) variable orifice for reliable operation.
- SJ3-VR are intended for use with flow meter based control systems only.
- Multiple capacities available for a wider range of application rates.

SPRAY PATTERN



OPTIMUM SPACING AND SPRAY HEIGHT

HEIGHT	SPACING
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.

RECOMMENDED PRESSURE RANGE



MATERIALS AVAILABLE



HOW TO ORDER

Polymer with VisiFlo® color-coding

S J 3 - V R - X 2 . 0

Tip
Type

Material
Code

Capacity
Size

StreamJet SJ3-VR VARIABLE RATE

FERTILIZER NOZZLES

TIP PART NO.	bar	CAPACITY ONE TIP IN l/min	APPLICATION RATE FOR 35 cm SPRAY TIP SPACING											APPLICATION RATE FOR 50 cm SPRAY TIP SPACING										
			l/ha											l/ha										
			4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h	30 km/h	35 km/h	4 km/h	6 km/h	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-X0.5	1.5	0.51	219	146	109	87.4	72.9	54.6	43.7	35.0	29.1	25.0	153	102	76.5	61.2	51.0	38.3	30.6	24.5	20.4	17.5		
	2.0	0.58	249	166	124	99.4	82.9	62.1	49.7	39.8	33.1	28.4	174	116	87.0	69.6	58.0	43.5	34.8	27.8	23.2	19.9		
	2.5	0.64	274	183	137	110	91.4	68.6	54.9	43.9	36.6	31.3	192	128	96.0	76.8	64.0	48.0	38.4	30.7	25.6	21.9		
	3.0	0.71	304	203	152	122	101	76.1	60.9	48.7	40.6	34.8	213	142	107	85.2	71.0	53.3	42.6	34.1	28.4	24.3		
	3.5	0.79	339	226	169	135	113	84.6	67.7	54.2	45.1	38.7	237	158	119	94.8	79.0	59.3	47.4	37.9	31.6	27.1		
	4.0	0.87	373	249	186	149	124	93.2	74.6	59.7	49.7	42.6	261	174	131	104	87.0	65.3	52.2	41.8	34.8	29.8		
	5.0	1.06	454	303	227	182	151	114	90.9	72.7	60.6	51.9	318	212	159	127	106	79.5	63.6	50.9	42.4	36.3		
	6.0	1.28	549	366	274	219	183	137	110	87.8	73.1	62.7	384	256	192	154	128	96.0	76.8	61.4	51.2	43.9		
7.0	1.55	664	443	332	266	221	166	133	106	88.6	75.9	465	310	233	186	155	116	93.0	74.4	62.0	53.1			
SJ3-VR-X1.0	1.5	0.84	360	240	180	144	120	90.0	72.0	57.6	48.0	41.1	252	168	126	101	84.0	63.0	50.4	40.3	33.6	28.8		
	2.0	1.02	437	291	219	175	146	109	87.4	69.9	58.3	50.0	306	204	153	122	102	76.5	61.2	49.0	40.8	35.0		
	2.5	1.21	519	346	259	207	173	130	104	83.0	69.1	59.3	363	242	182	145	121	90.8	72.6	58.1	48.4	41.5		
	3.0	1.41	604	403	302	242	201	151	121	96.7	80.6	69.1	423	282	212	169	141	106	84.6	67.7	56.4	48.3		
	3.5	1.62	694	463	347	278	231	174	139	111	92.6	79.3	486	324	243	194	162	122	97.2	77.8	64.8	55.5		
	4.0	1.84	789	526	394	315	263	197	158	126	105	90.1	552	368	276	221	184	138	110	88.3	73.6	63.1		
	5.0	2.33	999	666	499	399	333	250	200	160	133	114	699	466	350	280	233	175	140	112	93.2	79.9		
	6.0	2.86	1226	817	613	490	409	306	245	196	163	140	858	572	429	343	286	215	172	137	114	98.1		
7.0	3.44	1474	983	737	590	491	369	295	236	197	168	1032	688	516	413	344	258	206	165	138	118			
SJ3-VR-X2.0	1.5	2.19	939	626	469	375	313	235	188	150	125	107	657	438	329	263	219	164	131	105	87.6	75.1		
	2.0	2.58	1106	737	553	442	369	276	221	177	147	126	774	516	387	310	258	194	155	124	103	88.5		
	2.5	2.97	1273	849	636	509	424	318	255	204	170	145	891	594	446	356	297	223	178	143	119	102		
	3.0	3.36	1440	960	720	576	480	360	288	230	192	165	1008	672	504	403	336	252	202	161	134	115		
	3.5	3.74	1603	1069	801	641	534	401	321	256	214	183	1122	748	561	449	374	281	224	180	150	128		
	4.0	4.11	1761	1174	881	705	587	440	352	282	235	201	1233	822	617	493	411	308	247	197	164	141		
	5.0	7.85	3364	2243	1682	1346	1121	841	673	538	449	384	2355	1570	1178	942	785	589	471	377	314	269		
	6.0	5.58	2391	1594	1196	957	797	598	478	383	319	273	1674	1116	837	670	558	419	335	268	223	191		
7.0	6.29	2696	1797	1348	1078	899	674	539	431	359	308	1887	1258	944	755	629	472	377	302	252	216			

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. See technical information (pages 179–202) for useful formulas and other technical information.

SPEED RANGE FOR VARIOUS APPLICATION RATES

TIP PART NO.	GROUND SPEED RANGE (km/h) FOR 35 cm SPACING																GROUND SPEED RANGE (km/h) FOR 50 cm SPACING															
	100 l/ha		200 l/ha		300 l/ha		400 l/ha		500 l/ha		600 l/ha		700 l/ha		800 l/ha		100 l/ha		200 l/ha		300 l/ha		400 l/ha		500 l/ha		600 l/ha		700 l/ha		800 l/ha	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
SJ3-VR-X0.5	8.7	27	4.4	13.3	2.9	8.9	2.2	6.6	1.7	5.3	1.5	4.4	1.2	3.8	1.1	3.3	6.1	19	3.1	9.3	2.0	6.2	1.5	4.7	1.2	3.7	1.0	3.1	0.9	2.7	0.8	2.3
SJ3-VR-X1.0	14.4	59*	7.2	29	4.8	20	3.6	15	2.9	11.8	2.4	9.8	2.1	8.4	1.8	7.4	10.1	41*	5.0	21	3.4	14	2.5	10	2.0	8.3	1.7	6.9	1.4	5.9	1.3	5.2
SJ3-VR-X2.0	-	-	19	54*	12.5	36*	9.4	27	7.5	22	6.3	18	5.4	15	4.7	13.5	-	-	13	37*	8.8	25	6.6	19	5.3	15	4.4	13	3.8	11	3.3	9.4

*For safest application, recommended maximum speed is 35 km/h.

Typical Applications



**FERTILIZER
BROADCAST
EXCELLENT**



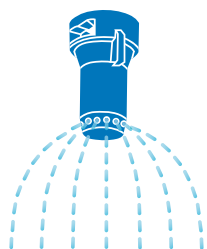
**DRIFT
CONTROL
EXCELLENT**



FEATURES

- Excellent for application of liquid fertilizer on bare ground or in standing crop.
- Seven-stream pattern is ideal for broadcast application.
- Creates seven identical fluid streams of equal velocity and capacity.
- Excellent spray distribution quality.
- Removable metering orifice for easy cleaning.
- Offered in a variety of sizes for a wide range of application rates.
- VisiFlo® color-coding for easy capacity identification.
- All acetal construction for excellent chemical resistance.
- Solid stream pattern minimizes leaf burn and virtually eliminates drift.
- SJ7A spray tip molded into Quick TeeJet® cap.

SPRAY PATTERN



OPTIMUM SPACING AND SPRAY HEIGHT

HEIGHT	SPACING
50 cm	50 cm
75 cm	75 cm
100 cm	100 cm

RECOMMENDED PRESSURE RANGE



MATERIALS AVAILABLE



HOW TO ORDER

Polymer with VisiFlo color-coding

S J 7 A - 0 4 - V P


Tip
Type

Capacity
Size

Material
Code



50854-NYB
Extension Adapter

TIP PART NO. (STRAINER MESH SIZE)	 bar	CAPACITY ONE TIP IN l/min	APPLICATION RATE FOR 50 cm SPRAY TIP SPACING									
			l/ha									
			4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h	30 km/h	35 km/h
SJ7A-015-VP (100)	1.5	0.39	117	78.0	58.5	46.8	39.0	29.3	23.4	18.7	15.6	13.4
	2.0	0.46	138	92.0	69.0	55.2	46.0	34.5	27.6	22.1	18.4	15.8
	2.5	0.52	156	104	78.0	62.4	52.0	39.0	31.2	25.0	20.8	17.8
	3.0	0.57	171	114	85.5	68.4	57.0	42.8	34.2	27.4	22.8	19.5
	4.0	0.67	201	134	101	80.4	67.0	50.3	40.2	32.2	26.8	23.0
SJ7A-02-VP (50)	1.5	0.55	165	110	82.5	66.0	55.0	41.3	33.0	26.4	22.0	18.9
	2.0	0.64	192	128	96.0	76.8	64.0	48.0	38.4	30.7	25.6	21.9
	2.5	0.72	216	144	108	86.4	72.0	54.0	43.2	34.6	28.8	24.7
	3.0	0.80	240	160	120	96.0	80.0	60.0	48.0	38.4	32.0	27.4
	4.0	0.93	279	186	140	112	93.0	69.8	55.8	44.6	37.2	31.9
SJ7A-03-VP (50)	1.5	0.87	261	174	131	104	87.0	65.3	52.2	41.8	34.8	29.8
	2.0	1.00	300	200	150	120	100	75.0	60.0	48.0	40.0	34.3
	2.5	1.10	330	220	165	132	110	82.5	66.0	52.8	44.0	37.7
	3.0	1.18	354	236	177	142	118	88.5	70.8	56.6	47.2	40.5
	4.0	1.31	393	262	197	157	131	98.3	78.6	62.9	52.4	44.9
SJ7A-04-VP (50)	1.5	1.17	351	234	176	140	117	87.8	70.2	56.2	46.8	40.1
	2.0	1.33	399	266	200	160	133	99.8	79.8	63.8	53.2	45.6
	2.5	1.45	435	290	218	174	145	109	87.0	69.6	58.0	49.7
	3.0	1.55	465	310	233	186	155	116	93.0	74.4	62.0	53.1
	4.0	1.72	516	344	258	206	172	129	103	82.6	68.8	59.0
SJ7A-05-VP (50)	1.5	1.49	447	298	224	179	149	112	89.4	71.5	59.6	51.1
	2.0	1.68	504	336	252	202	168	126	101	80.6	67.2	57.6
	2.5	1.83	549	366	275	220	183	137	110	87.8	73.2	62.7
	3.0	1.95	585	390	293	234	195	146	117	93.6	78.0	66.9
	4.0	2.16	648	432	324	259	216	162	130	104	86.4	74.1
SJ7A-06-VP (50)	1.5	1.77	531	354	266	212	177	133	106	85.0	70.8	60.7
	2.0	2.01	603	402	302	241	201	151	121	96.5	80.4	68.9
	2.5	2.19	657	438	329	263	219	164	131	105	87.6	75.1
	3.0	2.35	705	470	353	282	235	176	141	113	94.0	80.6
	4.0	2.61	783	522	392	313	261	196	157	125	104	89.5
SJ7A-08-VP	1.5	2.28	684	456	342	274	228	171	137	109	91.2	78.2
	2.0	2.66	798	532	399	319	266	200	160	128	106	91.2
	2.5	2.94	882	588	441	353	294	221	176	141	118	101
	3.0	3.15	945	630	473	378	315	236	189	151	126	108
	4.0	3.46	1038	692	519	415	346	260	208	166	138	119
SJ7A-10-VP	1.5	2.84	852	568	426	341	284	213	170	136	114	97.4
	2.0	3.32	996	664	498	398	332	249	199	159	133	114
	2.5	3.67	1101	734	551	440	367	275	220	176	147	126
	3.0	3.94	1182	788	591	473	394	296	236	189	158	135
	4.0	4.33	1299	866	650	520	433	325	260	208	173	148
SJ7A-15-VP	1.5	4.09	1227	818	614	491	409	307	245	196	164	140
	2.0	4.82	1446	964	723	578	482	362	289	231	193	165
	2.5	5.40	1620	1080	810	648	540	405	324	259	216	185
	3.0	5.87	1761	1174	881	704	587	440	352	282	235	201
	4.0	6.58	1974	1316	987	790	658	494	395	316	263	226

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. See technical information (pages 179–202) for useful formulas and other technical information.

Typical Applications



**FERTILIZER
BROADCAST
EXCELLENT**



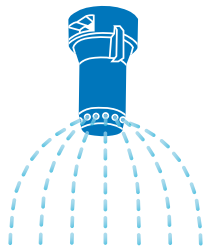
**DRIFT
CONTROL
EXCELLENT**



FEATURES

- The SJ7A-VR line of variable rate fertilizer spray tips feature a variable diameter orifice that produces a wide range of flow rates—it's like having five tips in one.
- Allows for a wider range of ground speeds and/or application rates from a single tip for improved productivity.
- Also ideal for variable rate prescription map applications.
- SJ7A-VR tip produces seven identical fluid streams for excellent distribution quality in broadcast applications.
- Solid stream pattern minimizes leaf burn and virtually eliminates drift.
- Acetal body and deflector plate construction for good wear life and chemical resistance.
- Simple, elastomer (EPDM) variable orifice for reliable operation.
- SJ7A-VR are intended for use with flow meter based control systems only.
- Multiple capacities available for wider range of application rates.

SPRAY PATTERN



OPTIMUM SPACING AND SPRAY HEIGHT

HEIGHT	SPACING
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.

RECOMMENDED PRESSURE RANGE



MATERIALS AVAILABLE



HOW TO ORDER


Polymer with VisiFlo® color-coding

S J 7 A - V R - X 2 . 0

Tip
Type

Material
Code

Capacity
Size

TIP PART NO.	 bar	CAPACITY ONE TIP IN l/min	APPLICATION RATE FOR 50 cm SPRAY TIP SPACING										APPLICATION RATE FOR 75 cm SPRAY TIP SPACING									
			l/ha										l/ha									
			8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h
SJ7A-VR-X0.5	2.0	0.59	88.5	70.8	59.0	50.6	44.3	39.3	35.4	28.3	23.6	20.2	59.0	47.2	39.3	33.7	29.5	26.2	23.6	18.9	15.7	13.5
	2.5	0.67	100.5	80.4	67.0	57.4	50.3	44.7	40.2	32.2	26.8	23.0	67.0	53.6	44.7	38.3	33.5	29.8	26.8	21.4	17.9	15.3
	3.0	0.76	114.0	91.2	76.0	65.1	57.0	50.7	45.6	36.5	30.4	26.1	76.0	60.8	50.7	43.4	38.0	33.8	30.4	24.3	20.3	17.4
	3.5	0.85	127.5	102.0	85.0	72.9	63.8	56.7	51.0	40.8	34.0	29.1	85.0	68.0	56.7	48.6	42.5	37.8	34.0	27.2	22.7	19.4
	4.5	1.07	160.5	128.4	107.0	91.7	80.3	71.3	64.2	51.4	42.8	36.7	107.0	85.6	71.3	61.1	53.5	47.6	42.8	34.2	28.5	24.5
	5.5	1.33	199.5	159.6	133.0	114.0	99.8	88.7	79.8	63.8	53.2	45.6	133.0	106.4	88.7	76.0	66.5	59.1	53.2	42.6	35.5	30.4
SJ7A-VR-X1.0	2.0	1.01	152	121	101	86.6	75.8	67.3	60.6	48.5	40.4	34.6	101	80.8	67.3	57.7	50.5	44.9	40.4	32.3	26.9	23.1
	2.5	1.20	180	144	120	103	90.0	80.0	72.0	57.6	48.0	41.1	120	96.0	80.0	68.6	60.0	53.3	48.0	38.4	32.0	27.4
	3.0	1.42	213	170	142	122	107	94.7	85.2	68.2	56.8	48.7	142	114	94.7	81.1	71.0	63.1	56.8	45.4	37.9	32.5
	3.5	1.67	251	200	167	143	125	111	100	80.2	66.8	57.3	167	134	111	95.4	83.5	74.2	66.8	53.4	44.5	38.2
	4.5	2.25	338	270	225	193	169	150	135	108	90.0	77.1	225	180	150	129	113	100	90.0	72.0	60.0	51.4
	5.5	2.94	441	353	294	252	221	196	176	141	118	101	294	235	196	168	147	131	118	94.1	78.4	67.2
SJ7A-VR-X2.0	2.0	2.62	393	314	262	225	197	175	157	126	105	89.8	262	210	175	150	131	116	105	83.8	69.9	59.9
	2.5	3.00	450	360	300	257	225	200	180	144	120	103	300	240	200	171	150	133	120	96.0	80.0	68.6
	3.0	3.42	513	410	342	293	257	228	205	164	137	117	342	274	228	195	171	152	137	109	91.2	78.2
	3.5	3.87	581	464	387	332	290	258	232	186	155	133	387	310	258	221	194	172	155	124	103	88.5
	4.5	4.84	726	581	484	415	363	323	290	232	194	166	484	387	323	277	242	215	194	155	129	111
	5.5	5.92	888	710	592	507	444	395	355	284	237	203	592	474	395	338	296	263	237	189	158	135

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. See technical information (pages 179–202) for useful formulas and other technical information.

SPEED RANGE FOR VARIOUS APPLICATION RATES

TIP PART NO.	GROUND SPEED RANGE (km/h) FOR 50 cm SPACING																GROUND SPEED RANGE (km/h) FOR 75 cm SPACING															
	100 l/ha		200 l/ha		300 l/ha		400 l/ha		500 l/ha		600 l/ha		700 l/ha		800 l/ha		100 l/ha		200 l/ha		300 l/ha		400 l/ha		500 l/ha		600 l/ha		700 l/ha		800 l/ha	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
SJ7A-VR-X0.5	7.1	16	3.5	8.0	2.4	5.3	1.8	4.0	1.4	3.2	1.2	2.7	1.0	2.3	0.9	2.0	4.7	11	2.4	5.3	1.6	3.5	1.2	2.7	0.9	2.1	0.8	1.8	0.7	1.5	0.6	1.3
SJ7A-VR-X1.0	12	35	6.1	18	4.0	12	3.0	8.8	2.4	7.1	2.0	5.9	1.7	5.0	1.5	4.4	8.1	24	4.0	12	2.7	7.8	2.0	5.9	1.6	4.7	1.3	3.9	1.2	3.4	1.0	2.9
SJ7A-VR-X2.0	-	-	16	36*	10	24	7.9	18	6.3	14	5.2	12	4.5	10	3.9	8.9	-	-	10	24	7.0	16	5.2	12	4.2	9.5	3.5	7.9	3.0	6.8	2.6	5.9

*For safest application, recommended maximum speed is 35 km/h.

Typical Applications



**FERTILIZER
BROADCAST
EXCELLENT**



**DRIFT
CONTROL
EXCELLENT**



QJ-VR Hose Barb
Metering Assembly



QJ-VR Metering Assembly



PTC-VR Push-to-Connect
Metering Assembly

FEATURES

- The QJ-VR and PTC-VR line of variable rate fertilizer assemblies feature a variable diameter orifice that produces a wide range of flow rates—its like having several metering orifices in one.
- Allows for a wider range of ground speeds and/or application rates from a single size for improved productivity.
- Also ideal for variable rate prescription map applications.
- Both QJ-VR and PTC-VR are ideal for installation on planters and toolbars for liquid fertilizer metering and application.
- PTC-VR features nylon construction for excellent strength and chemical resistance.
- QJ-VR features acetal and nylon construction with choice of nylon or stainless steel hose barbs for strength and excellent chemical resistance.
- Simple, elastomer (EPDM) variable orifice for reliable, long-term operation.

SPRAY PATTERN



SIZE OPTIONS

TIP PART NO.	HOSE SIZE (I.D.)				TUBING SIZE (O.D.)		
	¼"	⅝"	¾"	½"	¼"	⅝"	¾"
QJ-VR-X0.5	•	•	•				
QJ-VR-X1.0	•	•	•				
QJ-VR-X2.0			•	•			
PTC-VR-X0.5					•	•	•
PTC-VR-X1.0					•	•	•
PTC-VR-X2.0						•	•

Note: ¼" and ⅝" hose barb sizes offered in stainless steel only. ¾" and ½" hose barbs offered in choice of stainless steel or nylon.

RECOMMENDED PRESSURE RANGE



0.7–7 bar

MATERIALS AVAILABLE



POLYMER

HOW TO ORDER

Quick TeeJet® Variable Rate Metering Assembly
(no Hose Barb)

Q J - V R - X 2 . 0

¾" Push-to-Connect Variable Rate
Metering Assembly

P T C - V R - X 1 . 0 - 3 / 8

¼" Stainless Steel Hose Barb Variable Rate
Metering Assembly

Q J - V R - X 1 . 0 - 1 / 4 - S S

¼" Push-to-Connect Variable Rate Metering Assembly
with 0.7 bar Diaphragm Check Valve

P T C - V R - X 1 . 0 - 1 / 4 - 1 0

TIP PART NO.	CAPACITY ONE TIP IN l/min	APPLICATION RATE FOR 50 cm SPRAY TIP SPACING											APPLICATION RATE FOR 75 cm SPRAY TIP SPACING										
		l/ha											l/ha										
		4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h	30 km/h	35 km/h	4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h	30 km/h	35 km/h		
QJ-VR-X0.5 PTC-VR-X0.5	1.0	0.41	123	82.0	61.5	49.2	41.0	30.8	24.6	19.7	16.4	14.1	82.0	54.7	41.0	32.8	27.3	20.5	16.4	13.1	10.9	9.4	
	1.5	0.51	153	102	76.5	61.2	51.0	38.3	30.6	24.5	20.4	17.5	102	68.0	51.0	40.8	34.0	25.5	20.4	16.3	13.6	11.7	
	2.0	0.63	189	126	94.5	75.6	63.0	47.3	37.8	30.2	25.2	21.6	126	84.0	63.0	50.4	42.0	31.5	25.2	20.2	16.8	14.4	
	2.5	0.71	213	142	107	85.2	71.0	53.3	42.6	34.1	28.4	24.3	142	94.7	71.0	56.8	47.3	35.5	28.4	22.7	18.9	16.2	
	3.0	0.81	243	162	122	97.2	81.0	60.8	48.6	38.9	32.4	27.8	162	108	81.0	64.8	54.0	40.5	32.4	25.9	21.6	18.5	
	3.5	0.92	276	184	138	110	92.0	69.0	55.2	44.2	36.8	31.5	184	123	92.0	73.6	61.3	46.0	36.8	29.4	24.5	21.0	
	4.0	1.03	309	206	155	124	103	77.3	61.8	49.4	41.2	35.3	206	137	103	82.4	68.7	51.5	41.2	33.0	27.5	23.5	
	5.0	1.28	384	256	192	154	128	96.0	76.8	61.4	51.2	43.9	256	171	128	102	85.3	64.0	51.2	41.0	34.1	29.3	
	6.0	1.58	474	316	237	190	158	119	94.8	75.8	63.2	54.2	316	211	158	126	105	79.0	63.2	50.6	42.1	36.1	
7.0	1.96	588	392	294	235	196	147	118	94.1	78.4	67.2	392	261	196	157	131	98.0	78.4	62.7	52.3	44.8		
QJ-VR-X1.0 PTC-VR-X1.0	1.0	0.62	186	124	93.0	74.4	62.0	46.5	37.2	29.8	24.8	21.3	124	82.7	62.0	49.6	41.3	31.0	24.8	19.8	16.5	14.2	
	1.5	0.80	240	160	120	96.0	80.0	60.0	48.0	38.4	32.0	27.4	160	107	80.0	64.0	53.3	40.0	32.0	25.6	21.3	18.3	
	2.0	1.00	300	200	150	120	100	75.0	60.0	48.0	40.0	34.3	200	133	100	80.0	66.7	50.0	40.0	32.0	26.7	22.9	
	2.5	1.22	366	244	183	146	122	91.5	73.2	58.6	48.8	41.8	244	163	122	97.6	81.3	61.0	48.8	39.0	32.5	27.9	
	3.0	1.46	438	292	219	175	146	110	87.6	70.1	58.4	50.1	292	195	146	117	97.3	73.0	58.4	46.7	38.9	33.4	
	3.5	1.72	516	344	258	206	172	129	103	82.6	68.8	59.0	344	229	172	138	115	86.0	68.8	55.0	45.9	39.3	
	4.0	2.00	600	400	300	240	200	150	120	96.0	80.0	68.6	400	267	200	160	133	100	80.0	64.0	53.3	45.7	
	5.0	2.61	783	522	392	313	261	196	157	125	104	89.5	522	348	261	209	174	131	104	83.5	69.6	59.7	
	6.0	3.31	993	662	497	397	331	248	199	159	132	113	662	441	331	265	221	166	132	106	88.3	75.7	
7.0	4.08	1224	816	612	490	408	306	245	196	163	140	816	544	408	326	272	204	163	131	109	93.3		
QJ-VR-X2.0 PTC-VR-X2.0	1.0	1.78	534	356	267	214	178	134	107	85.4	71.2	61.0	356	237	178	142	119	89.0	71.2	57.0	47.5	40.7	
	1.5	2.17	651	434	326	260	217	163	130	104	86.8	74.4	434	289	217	174	145	109	86.8	69.4	57.9	49.6	
	2.0	2.58	774	516	387	310	258	194	155	124	103	88.5	516	344	258	206	172	129	103	82.6	68.8	59.0	
	2.5	3.01	903	602	452	361	301	226	181	144	120	103	602	401	301	241	201	151	120	96.3	80.3	68.8	
	3.0	3.45	1035	690	518	414	345	259	207	166	138	118	690	460	345	276	230	173	138	110	92.0	78.9	
	3.5	3.92	1176	784	588	470	392	294	235	188	157	134	784	523	392	314	261	196	157	125	105	89.6	
	4.0	4.41	1323	882	662	529	441	331	265	212	176	151	882	588	441	353	294	221	176	141	118	101	
	5.0	5.44	1632	1088	816	653	544	408	326	261	218	187	1088	725	544	435	363	272	218	174	145	124	
	6.0	6.55	1965	1310	983	786	655	491	393	314	262	225	1310	873	655	524	437	328	262	210	175	150	
7.0	7.75	2325	1550	1163	930	775	581	465	372	310	266	1550	1033	775	620	517	388	310	248	207	177		

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. See technical information (pages 179–202) for useful formulas and other technical information.

SPEED RANGE FOR VARIOUS APPLICATION RATES

TIP PART NO.	GROUND SPEED RANGE (km/h) FOR 50 cm SPACING																GROUND SPEED RANGE (km/h) FOR 75 cm SPACING															
	100 l/ha		200 l/ha		300 l/ha		400 l/ha		500 l/ha		600 l/ha		700 l/ha		800 l/ha		100 l/ha		200 l/ha		300 l/ha		400 l/ha		500 l/ha		600 l/ha		700 l/ha		800 l/ha	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
QJ-VR-X0.5 PTC-VR-X0.5	4.9	24	2.5	12	1.6	8	1.2	5.9	1.0	4.7	0.8	3.9	0.7	3.4	0.6	2.9	3.3	16	1.6	7.8	1.1	5.2	0.8	3.9	0.7	3.1	0.5	2.6	0.5	2.2	0.4	2.0
QJ-VR-X1.0 PTC-VR-X1.0	7.4	49*	3.7	24	2.5	16	1.9	12	1.5	10	1.2	8.2	1.1	7.0	0.9	6.1	5.0	33	2.5	16	1.7	11	1.2	8.2	1.0	6.5	0.8	5.4	0.7	4.7	0.6	4.1
QJ-VR-X2.0 PTC-VR-X2.0	21.4	93*	11	47*	7.1	31	5.3	23	4.3	19	3.6	16	3.1	13	2.7	12	14	62*	7.1	31	4.7	21	3.6	16	2.8	12	2.4	10	2.0	8.9	1.8	7.8

*For safest application, recommended maximum speed is 35 km/h.

Typical Applications



FERTILIZER
DIRECTED
EXCELLENT

Flow Regulators are usually mounted behind cultivator shanks for the subsurface application of liquid fertilizers and soil fumigants. They are also used for above-ground streaming applications.



CP1322
1/4TT Body



5053
Strainer



CP4916
Orifice Plate



CP4928
Adapter 1/8" NPT (F)
Outlet



CP1325
Cap



Note: Always insert orifice plate with side marked with number facing the outlet.
MATERIAL: Stainless Steel

TIP STRAINER MESH RECOMMENDATION

FOR ORIFICE SIZE	USE MESH SIZE
15 and Smaller	200
16–39	100
40–70	50
72 and Larger	—

To determine the orifice plates you need, use the following equations:

$$l/\text{ha (Per Nozzle)} = \frac{l/\text{ha} \times l/\text{min} \times W}{60,000}$$

$$l/\text{ha} = \frac{60,000 \times l/\text{min (Per Nozzle)}}{\text{km/h} \times W}$$

Tabulated flow rates are for spraying water into air at atmospheric pressure. If your application creates backpressure, or if spraying into a liquid, measure and calibrate to ensure proper application rates. For spraying solutions other than water, see page 185 for conversion factors.

- W = Nozzle spacing (in cm) for broadcast spraying.
- = Spray width (in cm) for single nozzle, band spraying or boomless spraying.
- = Row spacing (in cm) divided by the number of nozzles per row for directed spraying.

ORIFICE PLATE PART NO.	CAPACITY (l/min)						
	0.5 bar	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	4 bar
CP4916-008	0.013	0.018	0.023	0.026	0.029	0.032	0.037
CP4916-10	0.021	0.029	0.036	0.042	0.047	0.051	0.059
CP4916-12	0.031	0.043	0.053	0.061	0.068	0.075	0.087
CP4916-14	0.040	0.057	0.070	0.081	0.090	0.099	0.11
CP4916-15	0.045	0.064	0.078	0.090	0.10	0.11	0.13
CP4916-16	0.053	0.075	0.092	0.11	0.12	0.13	0.15
CP4916-18	0.069	0.098	0.12	0.14	0.16	0.17	0.20
CP4916-20	0.086	0.12	0.15	0.17	0.19	0.21	0.24
CP4916-22	0.098	0.14	0.17	0.20	0.22	0.24	0.28
CP4916-24	0.12	0.17	0.21	0.24	0.27	0.29	0.34
CP4916-25	0.13	0.18	0.22	0.25	0.28	0.31	0.36
CP4916-26	0.14	0.20	0.24	0.28	0.31	0.34	0.39
CP4916-27	0.15	0.21	0.26	0.29	0.33	0.36	0.42
CP4916-28	0.16	0.23	0.28	0.32	0.36	0.39	0.45
CP4916-29	0.18	0.25	0.30	0.35	0.39	0.43	0.50
CP4916-30	0.18	0.26	0.32	0.37	0.41	0.45	0.52
CP4916-31	0.20	0.28	0.35	0.40	0.45	0.49	0.57
CP4916-32	0.22	0.31	0.38	0.43	0.48	0.53	0.61
CP4916-34	0.24	0.34	0.41	0.47	0.53	0.58	0.67
CP4916-35	0.25	0.36	0.44	0.51	0.57	0.62	0.72
CP4916-37	0.28	0.39	0.48	0.56	0.62	0.68	0.79
CP4916-39	0.31	0.43	0.53	0.61	0.69	0.75	0.87
CP4916-40	0.33	0.47	0.57	0.66	0.74	0.81	0.94
CP4916-41	0.34	0.48	0.59	0.68	0.76	0.83	0.96
CP4916-43	0.37	0.53	0.64	0.74	0.83	0.91	1.05
CP4916-45	0.40	0.57	0.70	0.81	0.90	0.99	1.14
CP4916-46	0.44	0.62	0.76	0.87	0.98	1.07	1.24

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. See technical information (pages 179–202) for useful formulas and other technical information.

ORIFICE PLATE PART NO.	CAPACITY (l/min)						
	0.5 bar	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	4 bar
CP4916-47	0.45	0.63	0.77	0.89	1.00	1.09	1.26
CP4916-48	0.46	0.65	0.80	0.92	1.03	1.13	1.31
CP4916-49	0.47	0.67	0.82	0.95	1.06	1.16	1.34
CP4916-51	0.53	0.75	0.92	1.06	1.19	1.30	1.50
CP4916-52	0.54	0.76	0.93	1.08	1.21	1.32	1.52
CP4916-54	0.58	0.82	1.00	1.16	1.30	1.42	1.64
CP4916-55	0.61	0.86	1.05	1.22	1.36	1.49	1.72
CP4916-57	0.65	0.91	1.12	1.29	1.44	1.58	1.82
CP4916-59	0.70	0.99	1.21	1.40	1.56	1.71	1.98
CP4916-61	0.75	1.06	1.30	1.50	1.68	1.84	2.13
CP4916-63	0.79	1.12	1.37	1.58	1.77	1.94	2.24
CP4916-65	0.84	1.19	1.46	1.68	1.88	2.06	2.38
CP4916-67	0.89	1.26	1.55	1.79	2.00	2.19	2.53
CP4916-68	0.92	1.31	1.60	1.85	2.06	2.26	2.61
CP4916-70	0.99	1.40	1.71	1.98	2.21	2.42	2.79
CP4916-72	1.03	1.46	1.79	2.07	2.31	2.53	2.92
CP4916-73	1.07	1.51	1.85	2.13	2.38	2.61	3.01
CP4916-75	1.12	1.58	1.94	2.24	2.50	2.74	3.16
CP4916-78	1.24	1.76	2.15	2.48	2.78	3.04	3.51
CP4916-80	1.28	1.81	2.21	2.56	2.86	3.13	3.61
CP4916-81	1.32	1.87	2.29	2.65	2.96	3.24	3.74
CP4916-83	1.45	2.04	2.50	2.89	3.23	3.54	4.09
CP4916-86	1.52	2.14	2.62	3.03	3.39	3.71	4.28
CP4916-89	1.58	2.23	2.74	3.16	3.53	3.87	4.47
CP4916-91	1.68	2.38	2.91	3.36	3.76	4.12	4.76
CP4916-93	1.76	2.49	3.06	3.53	3.94	4.32	4.99
CP4916-95	1.84	2.60	3.19	3.68	4.12	4.51	5.21

ORIFICE PLATE PART NO.	CAPACITY (l/min)						
	0.5 bar	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	4 bar
CP4916-98	2.01	2.85	3.49	4.03	4.50	4.93	5.69
CP4916-103	2.10	2.97	3.64	4.21	4.70	5.15	5.95
CP4916-107	2.36	3.34	4.09	4.72	5.28	5.78	6.67
CP4916-110	2.50	3.53	4.33	5.00	5.59	6.12	7.07
CP4916-115	2.76	3.90	4.77	5.51	6.16	6.75	7.79
CP4916-120	2.87	4.06	4.97	5.74	6.42	7.03	8.12
CP4916-125	3.16	4.47	5.47	6.32	7.07	7.74	8.94
CP4916-128	3.29	4.65	5.69	6.57	7.35	8.05	9.30
CP4916-132	3.53	4.99	6.11	7.06	7.89	8.64	9.98
CP4916-136	3.83	5.41	6.63	7.65	8.55	9.37	10.8
CP4916-140	4.08	5.77	7.06	8.16	9.12	9.99	11.5
CP4916-144	4.22	5.97	7.31	8.44	9.44	10.3	11.9
CP4916-147	4.34	6.14	7.52	8.69	9.71	10.6	12.3
CP4916-151	4.74	6.70	8.20	9.47	10.6	11.6	13.4
CP4916-156	5.01	7.08	8.67	10.0	11.2	12.3	14.2
CP4916-161	5.26	7.44	9.12	10.5	11.8	12.9	14.9
CP4916-166	5.53	7.82	9.57	11.1	12.4	13.5	15.6
CP4916-170	5.94	8.40	10.3	11.9	13.3	14.6	16.8
CP4916-172	6.18	8.74	10.7	12.4	13.8	15.1	17.5
CP4916-177	6.45	9.12	11.2	12.9	14.4	15.8	18.2
CP4916-182	6.71	9.49	11.6	13.4	15.0	16.4	19.0
CP4916-187	7.11	10.1	12.3	14.2	15.9	17.4	20.1
CP4916-196	7.89	11.2	13.7	15.8	17.6	19.3	22.3
CP4916-205	8.55	12.1	14.8	17.1	19.1	20.9	24.2
CP4916-218	9.60	13.6	16.6	19.2	21.5	23.5	27.2
CP4916-234	11.2	15.8	19.4	22.4	25.0	27.4	31.6
CP4916-250	12.9	18.2	22.3	25.8	28.8	31.6	36.5

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. See technical information (pages 179–202) for useful formulas and other technical information.

HOW TO ORDER

CP4916-008

Orifice Plate

Capacity Size



Stainless Steel for Banding Fertilizers

- Permits banding fluids at high-rig speeds.
- Large orifices with no internal obstructions permit non-clogging suspension applications.
- Lower drift potential.
- See page 185 for liquid density conversion factors.
- For TP tips use Quick TeeJet® cap and gasket 25608-1-NYR.



FERTILIZER NOZZLES

TIP PART NO.	CAPACITY ONE NOZZLE IN l/min	APPLICATION RATE FOR 75 cm SPRAY NOZZLE SPACING										
		4 km/h	6 km/h	8 km/h	10 km/h	15 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h	
TP0001-SS	1.0	0.23	46.0	30.7	23.0	18.4	12.3	10.2	9.2	7.4	6.1	5.3
	1.5	0.28	56.0	37.3	28.0	22.4	14.9	12.4	11.2	9.0	7.5	6.4
	2.0	0.32	64.0	42.7	32.0	25.6	17.1	14.2	12.8	10.2	8.5	7.3
	2.5	0.36	72.0	48.0	36.0	28.8	19.2	16.0	14.4	11.5	9.6	8.2
TP00015-SS	1.0	0.34	68.0	45.3	34.0	27.2	18.1	15.1	13.6	10.9	9.1	7.8
	1.5	0.42	84.0	56.0	42.0	33.6	22.4	18.7	16.8	13.4	11.2	9.6
	2.0	0.48	96.0	64.0	48.0	38.4	25.6	21.3	19.2	15.4	12.8	11.0
	2.5	0.54	108	72.0	54.0	43.2	28.8	24.0	21.6	17.3	14.4	12.3
H1/4U-SS0002 TP0002-SS	1.0	0.46	92.0	61.3	46.0	36.8	24.5	20.4	18.4	14.7	12.3	10.5
	1.5	0.56	112	74.7	56.0	44.8	29.9	24.9	22.4	17.9	14.9	12.8
	2.0	0.65	130	86.7	65.0	52.0	34.7	28.9	26.0	20.8	17.3	14.9
	2.5	0.72	144	96.0	72.0	57.6	38.4	32.0	28.8	23.0	19.2	16.5
H1/4U-SS0003 TP0003-SS	1.0	0.68	136	90.7	68.0	54.4	36.3	30.2	27.2	21.8	18.1	15.5
	1.5	0.83	166	111	83.0	66.4	44.3	36.9	33.2	26.6	22.1	19.0
	2.0	0.96	192	128	96.0	76.8	51.2	42.7	38.4	30.7	25.6	21.9
	2.5	1.08	216	144	108	86.4	57.6	48.0	43.2	34.6	28.8	24.7
H1/4U-SS0004 TP0004-SS	1.0	0.91	182	121	91.0	72.8	48.5	40.4	36.4	29.1	24.3	20.8
	1.5	1.12	224	149	112	89.6	59.7	49.8	44.8	35.8	29.9	25.6
	2.0	1.29	258	172	129	103	68.8	57.3	51.6	41.3	34.4	29.5
	2.5	1.44	288	192	144	115	76.8	64.0	57.6	46.1	38.4	32.9
H1/4U-SS0006 TP0006-SS	1.0	1.37	274	183	137	110	73.1	60.9	54.8	43.8	36.5	31.3
	1.5	1.67	334	223	167	134	89.1	74.2	66.8	53.4	44.5	38.2
	2.0	1.93	386	257	193	154	103	85.8	77.2	61.8	51.5	44.1
	2.5	2.16	432	288	216	173	115	96.0	86.4	69.1	57.6	49.4
H1/4U-SS0008 TP0008-SS	1.0	1.82	364	243	182	146	97.1	80.9	72.8	58.2	48.5	41.6
	1.5	2.23	446	297	223	178	119	99.1	89.2	71.4	59.5	51.0
	2.0	2.58	516	344	258	206	138	115	103	82.6	68.8	59.0
	2.5	2.88	576	384	288	230	154	128	115	92.2	76.8	65.8
H1/4U-SS0010 TP0010-SS	1.0	2.28	456	304	228	182	122	101	91.2	73.0	60.8	52.1
	1.5	2.79	558	372	279	223	149	124	112	89.3	74.4	63.8
	2.0	3.22	644	429	322	258	172	143	129	103	85.9	73.6
	2.5	3.60	720	480	360	288	192	160	144	115	96.0	82.3
H1/4U-SS0015 TP0015-SS	1.0	3.42	684	456	342	274	182	152	137	109	91.2	78.2
	1.5	4.18	836	557	418	334	223	186	167	134	111	95.5
	2.0	4.83	966	644	483	386	258	215	193	155	129	110
	2.5	5.40	1080	720	540	432	288	240	216	173	144	123
H1/4U-SS0020 TP0020-SS	1.0	4.56	912	608	456	365	243	203	182	146	122	104
	1.5	5.58	1116	744	558	446	298	248	223	179	149	128
	2.0	6.45	1290	860	645	516	344	287	258	206	172	147
	2.5	7.21	1442	961	721	577	385	320	288	231	192	165
H1/4U-SS0030 TP0030-SS	1.0	6.84	1366	911	683	546	364	304	273	219	182	156
	1.5	8.37	1674	1116	837	670	446	372	335	268	223	191
	2.0	9.66	1932	1288	966	773	515	430	386	309	258	221
	2.5	10.8	2160	1440	1080	864	576	480	432	346	288	247
H1/4U-SS0040 TP0040-SS	1.0	9.11	1822	1215	911	729	486	405	364	292	243	208
	1.5	11.2	2240	1493	1120	896	597	496	448	358	299	256
	2.0	12.9	2580	1720	1290	1032	688	573	516	413	344	295
	2.5	14.4	2880	1920	1440	1152	768	640	576	461	384	329
H1/4U-SS0050	1.0	11.4	2280	1520	1140	912	608	507	456	365	304	261
	1.5	13.9	2780	1853	1390	1112	741	620	556	445	371	318
	2.0	16.1	3220	2147	1610	1288	859	716	644	515	429	368
	2.5	18.0	3600	2400	1800	1440	960	801	720	576	480	411
H1/4U-SS0060	1.0	13.7	2740	1827	1370	1096	731	608	548	438	365	313
	1.5	16.7	3340	2227	1670	1336	891	744	668	534	445	382
	2.0	19.3	3860	2573	1930	1544	1029	860	772	618	515	441
	2.5	21.6	4320	2880	2160	1728	1152	961	864	691	576	494

Note: Always double check your application rates. Tabulations are based on spraying water at 21°C. See technical information (pages 179–202) for useful formulas and other technical information.

Typical Applications

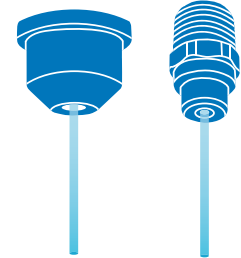


FERTILIZER DIRECTED
EXCELLENT



DRIFT CONTROL
EXCELLENT

SPRAY PATTERN



MATERIALS AVAILABLE

SS STAINLESS STEEL

HOW TO ORDER

Stainless Steel
H1 / 4 U - S S 0 0 1 0

Tip Type Material Code Capacity Size