



AIXR TeeJet® Air Induction XR Flat Spray Tips

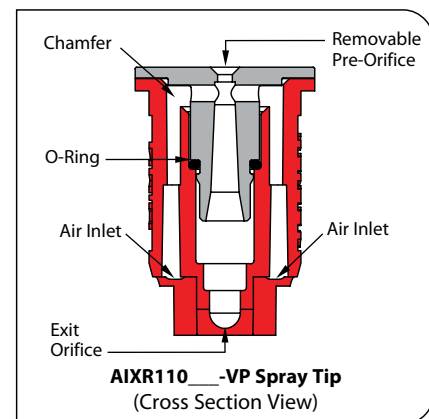
Features:

- 110° wide, tapered flat spray angle with air induction technology offers better drift management.
- Made of a two-piece UHMWPE polymer construction with VisiFlo® color-coding. UHMWPE provides excellent chemical resistance, including acids, as well as exceptional wear life.
- Compact size to prevent tip damage.
- Depending on the chemical, produces large air-filled drops through a Venturi air aspirator.
- Removable pre-orifice.
- Available in nine tip capacities with a wide operating pressure range: 15-90 PSI (1-6 bar).
- Automatic alignment with CP114440-*CE cap. (Spray tip sizes 015 to 06).
- Automatic alignment with CP114442-*CE cap. (Spray tip sizes 08 to 10).



PART	DESCRIPTION	PRICE (B)
TP110-**AIXR	AIXR TeeJet Tip - sizes 015 to 06	10.80
TP110-**AIXR	AIXR TeeJet Tip - sizes 08 and 10	12.70

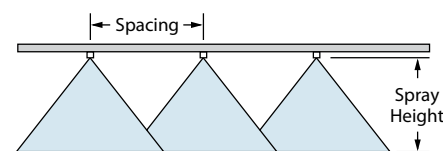
EXAMPLE: TP110-03AIXR



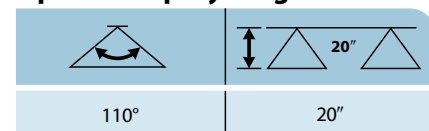
TIPO	PSI	DROPSIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA										GALLONS PER 1000 SQ. FT.			
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH		
TP110015AIXR (100)	15	XC	0.092	12	68	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13		
	20	XC	0.12	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15		
	30	C	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18		
	40	C	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20		
	50	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23		
TP11002AIXR (50)	15	XC	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16		
	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19		
	30	C	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23		
	40	C	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27		
	50	M	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30		
TP110025AIXR (50)	15	XC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20		
	20	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24		
	30	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30		
	40	C	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34		
	50	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38		
TP11003AIXR (50)	15	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24		
	20	XC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29		
	30	C	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35		
	40	C	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41		
	50	M	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46		
TP11004AIXR (50)	15	XC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33		
	20	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38		
	30	C	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48		
	40	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54		
	50	M	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61		
TP11005AIXR (50)	15	XC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42		
	20	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48		
	30	C	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58		
	40	C	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68		
	50	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76		
TP11006AIXR (50)	15	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50		
	20	XC	0.42	54	31	25	21	15.6	12.5	10.5	8.7	6.9	1.4	0.95	0.71	0.57		
	30	C	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71		
	40	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82		
	50	M	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91		
TP11008AIXR (50)	15	XC	0.49	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61		
	20	XC	0.55	70	41	33	27	20	16.3	13.6	10.9	8.2	1.9	1.2	0.94	0.75		
	30	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82		
	40	C	0.68	87	50	40	34	25	20	16.8	13.5	10.1	2.3	1.5	1.2	0.92		
	50	M	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0		
TP11010AIXR	15	XC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83		
	20	XC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97		
	30	C	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2		
	40	C	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4		
	50	M	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5		

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



Optimum Spray Height





XR TeeJet®

Features:

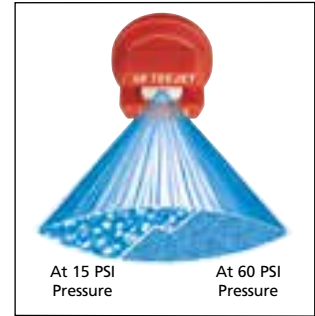
- Excellent spray distribution over a wide range of pressures—15–60 PSI.
- Ideal for rigs equipped with sprayer controllers.
- Reduces drift at lower pressures, better coverage at higher pressures.
- Automatic spray alignment with CP114440*-CE Quick TeeJet® cap.
- Automatic spray alignment for sizes 10 and 15 with QJ25609* Quick TeeJet cap.

XR Visiflo 80°

PART	DESCRIPTION	PRICE (B)
TP80-01XR	XR Tip SS 80°	10.40
TP80-02XR	XR Tip SS 80°	10.40
TP80-025XR	XR Tip SS 80°	10.40
TP80-03XR	XR Tip SS 80°	10.40
TP80-035XR	XR Tip SS 80°	10.40
TP80-04XR	XR Tip SS 80°	10.40
TP80-05XR	XR Tip SS 80°	10.40
TP80-06XR	XR Tip SS 80°	10.40
TP80-08XR	XR Tip SS 80°	10.40
TP80-10XRSS	XR Tip All SS 80°	12.30
TP80-15XRSS	XR Tip All SS 80°	12.30

XR Visiflo 110°

PART	DESCRIPTION	PRICE (B)
TP110-025VK	XR Ceramic 110°	8.05
TP110-01XR	XR Tip SS 110°	10.40
TP110-015XR	XR Tip SS 110°	10.40
TP110-02XR	XR Tip SS 110°	10.40
TP110-03XR	XR Tip SS 110°	10.40
TP110-04XR	XR Tip SS 110°	10.40
TP110-05XR	XR Tip SS 110°	10.40
TP110-06XR	XR Tip SS 110°	10.40
TP110-08XR	XR Tip SS 110°	10.40
TP110-10XRSS	XR Tip All SS 110°	12.30
TP110-15XRSS	XR Tip All SS 110°	12.30



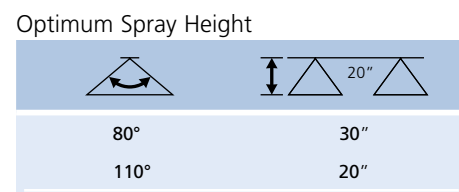
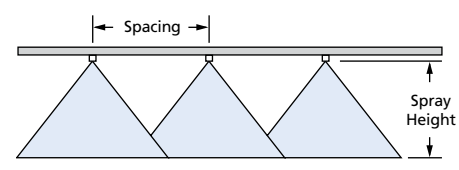
PLEASE NOTE: NEW SIZED XR SPRAY TIPS "TP80-025XR" AND "TP80-035XR" NOT SHOWN IN SPRAY TIP PERFORMANCE CHART BELOW. PLEASE CONTACT OUR OFFICE FOR ADDITIONAL INFORMATION.

PART	PSI	DROP SIZE		CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20°										GALLONS PER 1000 SQ. FT.				
		80°	110°			GPA														
		4 MPH	5 MPH			6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH					
TP8001XR TP11001XR 100 M	15	M	F	0.061	7.8	4.5	3.6	3.0	2.3	1.8	1.5	1.2	0.91	0.21	0.14	0.10	0.08			
	20	F	F	0.071	9.1	5.3	4.2	3.5	2.6	2.1	1.8	1.4	1.1	0.24	0.16	0.12	0.10			
	30	F	F	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12			
	40	F	F	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14			
	50	F	VF	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15			
TP80015XR TP110015XR 100 M	15	M	F	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13			
	20	M	F	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15			
	30	F	F	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18			
	40	F	F	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20			
	50	F	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
TP8002XR TP11002XR 50 M	15	M	F	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16			
	20	M	F	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19			
	30	M	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
	40	F	F	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	50	F	F	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
TP110025VK 50 M	15	M	F	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20			
	20	M	F	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24			
	30	F	F	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	40	F	F	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34			
	50	F	F	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
TP8003XR TP11003XR 50 M	15	M	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24			
	20	M	M	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29			
	30	M	F	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35			
	40	M	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41			
	50	M	F	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46			
TP8004XR TP11004XR 50 M	15	C	M	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.7	3.6	0.82	0.54	0.41	0.33			
	20	C	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	1.0	0.63	0.48	0.38			
	30	M	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
	40	M	M	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54			
	50	M	F	0.45	58	33	27	22	16.7	13.4	11.1	8.7	6.7	1.5	1.0	0.77	0.61			
TP8005XR TP11005XR 50 M	15	C	M	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42			
	20	C	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
	30	M	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58			
	40	M	M	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68			
	50	M	F	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76			
TP8006XR TP11006XR 50 M	15	C	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50			
	20	C	C	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	1.0	0.71	0.57			
	30	C	M	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71			
	40	C	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82			
	50	C	M	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91			
TP8008XR TP11008XR 50 M	15	VC	C	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67			
	20	VC	C	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78			
	30	VC	C	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94			
	40	VC	C	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1			
	50	VC	M	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2			
TP8010XRSS TP11010XRSS†	15	VC	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83			
	20	VC	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97			
	30	VC	VC	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2			
	40	VC	M	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4			
	50	VC	M	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5			
TP8015XRSS TP11015XRSS†	15	VC	VC	0.92	118	68	55	46	34	27	23	18.2	13.7	3.1	2.1	1.6	1.3			
	20	VC	VC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4			
	30	VC	VC	1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8			
	40	VC	C	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0			
	50	VC	C	1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3			
60	VC	C	1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5				



CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	GOOD	GOOD
GOOD*	VERY GOOD*	VERY GOOD*

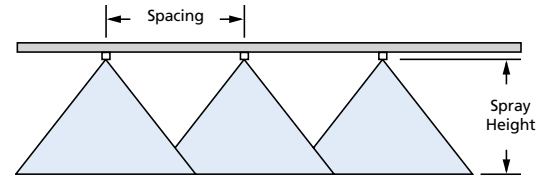
*At pressures below 30 PSI (2.0 bar)



Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).
 †Available in all stainless steel only.



TeeJet® VisiFlo® Flat Spray Tips



Tip Model	PSI	DROP SIZE		CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20°															
		80°	110°			GPA								GALLONS PER 1000 SQ. FT.							
						4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH				
TP650050	30			0.043	5.5	3.2	2.6	2.1	1.6	1.3	1.1	0.85	0.64	0.15	0.10	0.07	0.06				
TP800050	35			0.047	6.0	3.5	2.8	2.3	1.7	1.4	1.2	0.93	0.70	0.16	0.11	0.08	0.06				
TP1100050 (100)	40			0.050	6.4	3.7	3.0	2.5	1.9	1.5	1.2	0.99	0.74	0.17	0.11	0.09	0.07				
	50			0.056	7.2	4.2	3.3	2.8	2.1	1.7	1.4	1.1	0.83	0.19	0.13	0.10	0.08				
	60			0.061	7.8	4.5	3.6	3.0	2.3	1.8	1.5	1.2	0.91	0.21	0.14	0.10	0.08				
TP650067	30			0.058	7.4	4.3	3.4	2.9	2.2	1.7	1.4	1.1	0.86	0.20	0.13	0.10	0.08				
TP800067	35			0.063	8.1	4.7	3.7	3.1	2.3	1.9	1.6	1.2	0.94	0.21	0.14	0.11	0.09				
TP1100067 (100)	40			0.067	8.6	5.0	4.0	3.3	2.5	2.0	1.7	1.3	0.99	0.23	0.15	0.11	0.09				
	50			0.075	9.6	5.6	4.5	3.7	2.8	2.2	1.9	1.5	1.1	0.26	0.17	0.13	0.10				
	60			0.082	10	6.1	4.9	4.1	3.0	2.4	2.0	1.6	1.2	0.28	0.19	0.14	0.11				
TP8001VS	30	F	F	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12				
TP11001VS (100)	35	F	F	0.094	12	7.0	5.6	4.7	3.5	2.8	2.3	1.9	1.4	0.32	0.21	0.16	0.13				
	40	F	F	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14				
	50	F	VF	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15				
	60	F	VF	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16				
TP80015VS	30	F	F	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18				
TP110015VS (100)	35	F	F	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19				
	40	F	F	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20				
	50	F	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	60	F	F	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
TP8002VS	30	M	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
TP11002VS (50)	35	M	F	0.19	24	14.1	11.3	9.4	7.1	5.6	4.7	3.8	2.8	0.65	0.43	0.32	0.26				
	40	F	F	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27				
	50	F	F	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
	60	F	F	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33				
TP8003VS	30	M	F	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
TP11003VS (50)	35	M	F	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	40	M	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	50	M	F	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46				
	60	F	F	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50				
TP8004VS	30	M	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
TP11004VS (50)	35	M	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50				
	40	M	M	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
	50	M	F	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	60	M	F	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67				
TP8005VS	30	C	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58				
TP11005VS (50)	35	M	M	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.1	0.80	0.64				
	40	M	M	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68				
	50	M	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76				
	60	M	F	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83				
TP8006VS	30	C	M	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71				
TP11006VS (50)	35	C	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76				
	40	C	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	50	C	M	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91				
	60	C	M	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99				
TP8008VS	30	C	C	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94				
TP11008VS (50)	35	C	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0				
	40	C	C	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1				
	50	C	M	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2				
	60	C	M	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3				
TP8010SS	30	C	C	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2				
	35	C	C	0.94	120	70	56	47	35	28	23	18.6	14.0	3.2	2.1	1.6	1.3				
	40	C	M	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4				
	50	C	M	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5				
	60	C	M	1.22	156	91	72	60	45	36	24	18.1	4.1	2.8	2.1	1.7					
TP8015SS	30	VC	VC	1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8				
	35	VC	VC	1.40	179	104	83	69	52	42	35	28	21	4.8	3.2	2.4	1.9				
	40	VC	VC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0				
	50	VC	VC	1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3				
	60	VC	VC	1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5				
TP8020SS	30			1.73	221	128	103	86	64	51	43	34	26	5.9	3.9	2.9	2.4				
	35			1.87	239	139	111	93	69	56	46	37	28	6.4	4.2	3.2	2.5				
	40			2.00	256	149	119	99	74	59	50	40	30	6.8	4.5	3.4	2.7				
	50			2.24	287	166	133	111	83	67	55	44	33	7.6	5.1	3.8	3.0				
	60			2.45	314	182	146	121	91	73	61	49	36	8.3	5.6	4.2	3.3				

Angle	Spacing	Spray Height
65°		35"
80°		30"
110°		20"



Features

- Tapered edge flat spray pattern for uniform coverage in broadcast spraying.
- VisiFlo color-coded version available in stainless steel, ceramic and polymer in 80° or 110° spray angles in selected sizes.
- Available in ceramic 80° capacities 01-03 and 110° capacities 01-02.
- Automatic spray alignment with CP114440*-CE* cap.
- Automatic spray alignment for sizes 10 thru 20 with QJ25609* cap.

PART	DESCRIPTION	PRICE (B)
TP80**VS	VisiFlo Tip 80°	9.30
TP110**VS	VisiFlo Tip 110°	9.30
TP**-0050	Brass Tip Size 0050	6.50
TP**-0050SS	Stainless Size 0050/0067	37.05
TP****	Brass Tip Size 067 to 20	6.50
TP****SS	Stainless Tip Size 01 to 20	16.60





ACCUPULSE® TWINJET® TWIN TAPERED FLAT SPRAY TIPS

Features & Benefits

- Non-air induction, twin spray tip that produces highly drift-resistant droplets (XC, UC).
- Patent-pending recirculating design and concave exit orifice geometry.
- Specifically designed for use on sprayers equipped with Pulse Width Modulation (PWM) spray tip control.
- Optimal for burndown, pre-emerge, and post-emerge systemic applications.
- Twin spray pattern allows for improved coverage and canopy penetration.
- Compact design fits into tight boom spaces and is less likely to be damaged during field use.
- Acetal construction for long wear life and excellent chemical resistance.
- Wide operating pressure and multiple capacities to choose from, supports a wide range of ground speeds and application volumes.
- Can also be used for non-PWM applications, where maximum drift control is desired.
- Fits into a standard CP114440-*-CE flat spray cap.

TeeJet AccuPulse TwinJet Flat Spray Tips

PART	DESCRIPTION	PRICE(B)
APTJ-110015VP	110° AccuPulse TwinJet Spray Tip – Green	16.80
APTJ-11002VP	110° AccuPulse TwinJet Spray Tip – Yellow	16.80
APTJ-110025VP	110° AccuPulse TwinJet Spray Tip – Violet	16.80
APTJ-11003VP	110° AccuPulse TwinJet Spray Tip – Blue	16.80
APTJ-11004VP	110° AccuPulse TwinJet Spray Tip – Red	16.80
APTJ-11005VP	110° AccuPulse TwinJet Spray Tip – Brown	16.80
APTJ-11006VP	110° AccuPulse TwinJet Spray Tip – Grey	16.80
APTJ-11008VP	110° AccuPulse TwinJet Spray Tip – White	16.80

PSI	DROPSIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ/MIN	20"															
				GPA*								GALLONS PER 1000 SQ. FT.*							
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH			
APTJ-110015VP (100)	UC	0.115	15	8.5	6.8	4.3	3.4	2.8	2.4	2.1	1.7	0.39	0.26	0.20	0.16				
	XC	0.134	17	9.9	8.0	5.0	4.0	3.3	2.8	2.5	2.0	0.46	0.30	0.23	0.18				
	UC	0.150	19	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	0.51	0.34	0.26	0.20				
	XC	0.163	21	12.1	9.7	8.1	6.1	4.8	4.0	3.5	3.0	0.55	0.37	0.28	0.22				
	UC	0.175	22	13.0	10.4	8.7	6.5	5.2	4.3	3.7	3.2	0.60	0.40	0.30	0.24				
	XC	0.185	24	13.7	11.0	9.2	6.9	5.5	4.6	3.9	3.4	0.63	0.42	0.31	0.25				
	UC	0.195	25	14.5	11.6	9.7	7.2	5.8	4.8	4.1	3.6	0.66	0.44	0.33	0.27				
	XC	0.204	26	15.1	12.1	10.1	7.6	6.1	5.0	4.3	3.8	0.7	0.46	0.35	0.28				
	UC	0.212	27	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	0.7	0.48	0.36	0.29				
	XC	0.212	27	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	0.7	0.48	0.36	0.29				
APTJ-11002VP (100)	UC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	0.51	0.34	0.26	0.20				
	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.8	3.3	0.61	0.41	0.31	0.24				
	UC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.2	3.7	0.68	0.45	0.34	0.27				
	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.7	4.1	0.75	0.50	0.37	0.30				
	UC	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.9	4.3	0.78	0.52	0.39	0.31				
	XC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.3	4.6	0.85	0.57	0.43	0.34				
	UC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.5	4.8	0.88	0.59	0.44	0.35				
	XC	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	0.9	0.61	0.46	0.37				
	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.9	5.2	1.0	0.63	0.48	0.38				
	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.9	5.2	1.0	0.63	0.48	0.38				
APTJ-110025VP (100)	UC	0.19	24	14.1	11.3	9.4	7.1	5.6	4.7	4.0	3.5	0.65	0.43	0.32	0.26				
	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.7	4.1	0.75	0.50	0.37	0.30				
	UC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.3	4.6	0.85	0.57	0.43	0.34				
	XC	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	0.92	0.61	0.46	0.37				
	UC	0.29	37	22	17.2	14.4	10.8	8.6	7.2	6.2	5.4	1.0	0.66	0.49	0.39				
	XC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.6	5.8	1.1	0.70	0.53	0.42				
	UC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	7.0	6.1	1.1	0.75	0.56	0.45				
	XC	0.34	44	25	20	16.8	12.6	10.1	8.4	7.2	6.3	1.2	0.77	0.58	0.46				
	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	7.4	6.5	1.2	0.79	0.60	0.48				
	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	7.4	6.5	1.2	0.79	0.60	0.48				
APTJ-11003VP (50)	UC	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.9	4.3	0.78	0.52	0.39	0.31				
	XC	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	0.92	0.61	0.46	0.37				
	UC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	0.85	0.57	0.43	0.34				
	XC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	7.0	6.1	0.92	0.61	0.46	0.37				
	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	7.4	6.5	1.0	0.68	0.51	0.41				
	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.8	6.9	1.1	0.75	0.56	0.45				
	UC	0.39	50	29	23	19.3	14.5	11.6	9.7	8.3	7.2	1.1	0.75	0.56	0.45				
	XC	0.41	52	30	24	20	15.2	12.2	10.1	8.7	7.6	1.1	0.75	0.56	0.45				
	UC	0.42	54	31	25	21	15.6	12.5	10.4	8.9	7.8	1.1	0.75	0.56	0.45				
	XC	0.42	54	31	25	21	15.6	12.5	10.4	8.9	7.8	1.1	0.75	0.56	0.45				
APTJ-11004VP (50)	UC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.6	5.8	1.05	0.70	0.53	0.42				
	XC	0.36	46	27	21	17.8	13.4	10.7	8.9	7.6	6.7	1.2	0.82	0.61	0.49				
	UC	0.40	51	30	24	19.8	14.9	11.9	9.9	8.5	7.4	1.4	0.91	0.68	0.54				
	XC	0.43	55	32	26	21	16.0	12.8	10.6	9.1	8.0	1.5	1.0	0.73	0.58				
	UC	0.47	60	35	28	23	17.4	14.0	11.6	10.0	8.7	1.6	1.1	0.80	0.64				
	XC	0.49	63	36	29	24	18.2	14.6	12.1	10.4	9.1	1.7	1.1	0.83	0.67				
	UC	0.52	67	39	31	26	19.3	15.4	12.9	11.0	9.7	1.8	1.2	0.88	0.71				
	XC	0.54	69	40	32	27	20	16.0	13.4	11.5	10.0	1.8	1.2	0.9	0.73				
	UC	0.56	72	42	33	28	21	16.6	13.9	11.9	10.4	1.9	1.3	1.0	0.76				
	XC	0.56	72	42	33	28	21	16.6	13.9	11.9	10.4	1.9	1.3	1.0	0.76				
APTJ-11005VP (50)	UC	0.38	49	28	23	18.8	14.1	11.3	9.4	8.1	7.1	1.3	0.86	0.65	0.52				
	XC	0.45	58	33	27	22	16.7	13.4	11.1	9.5	8.4	1.5	1.02	0.77	0.61				
	UC	0.50	64	37	30	25	18.6	14.9	12.4	10.6	9.3	1.7	1.1	0.85	0.68				
	XC	0.55	70	41	33	27	20	16.3	13.6	11.7	10.2	1.9	1.2	0.94	0.75				
	UC	0.59	76	44	35	29	22	17.5	14.6	12.5	11.0	2.0	1.3	1.0	0.80				
	XC	0.63	81	47	37	31	23	18.7	15.6	13.4	11.7	2.1	1.4	1.1	0.86				
	UC	0.66	84	49	39	33	25	19.6	16.3	14.0	12.3	2.2	1.5	1.1	0.90				
	XC	0.69	88	51	41	34	26	20	17.1	14.6	12.8	2.3	1.6	1.2	0.9				
	UC	0.72	92	53	43	36	27	21	17.8	15.3	13.4	2.4	1.6	1.2	0.9				
	XC	0.72	92	53	43	36	27	21	17.8	15.3	13.4	2.4	1.6	1.2	0.9				
APTJ-11006VP (50)	UC	0.45	58	33	27	22	16.7	13.4	11.1	9.5	8.4	1.5	1.02	0.77	0.61				
	XC	0.53	68	39	31	26	19.7	15.7	13.1	11.2	9.8	1.8	1.2	0.90	0.72				
	UC	0.60	77	45	36	30	22	17.8	14.9	12.7	11.1	2.0	1.4	1.0	0.82				
	XC	0.66	84	49	39	33	25	19.6	16.3	14.0	12.3	2.2	1.5	1.1	0.90				
	UC	0.71	91	53	42	35	26	21	17.6	15.1	13.2	2.4	1.6	1.2	0.97				
	XC	0.76	97	56	45	38	28	23	18.8	16.1	14.1	2.6	1.7	1.3	1.0				
	UC	0.80	102	59	48	40	30	24	19.8	17.0	14.9	2.7	1.8	1.4	1.1				
	XC	0.84	108	62	50	42	31	25	21	17.8	15.6	2.9	1.9	1.4	1.1				
	UC	0.88	113	65	52	44	33	26	22	18.7	16.3	3.0	2.0	1.5	1.2				
	XC	0.88	113	65	52	44	33	26	22	18.7	16.3	3.0	2.0	1.5	1.2				
APTJ-11008VP (50)	UC	0.60	77	45	36	30	22	17.8	14.9	12.7	11.1	2.0	1.4	1.02	0.82				
	XC	0.71	91	53	42	35	26	21	17.6	15.1	13.2	2.4	1.6	1.2	0.97				
	UC	0.80	102	59	48	40	30	24	19.8	17.0	14.9	2.7	1.8	1.4	1.1				
	XC	0.88	113	65	52	44	33	26	22	18.7	16.3	3.0	2.0	1.5	1.2				
	UC	0.95	122	71	56	47	35	28	24	20	17.6	3.2	2.2	1.6	1.3				
	XC	1.02	131	76	61	50	38	30	25	22	18.9	3.5	2.						



Turbo TwinJet® Twin Flat Spray Tips

Twin style flat spray tips are best suited for broadcast spraying where superior leaf coverage and canopy penetration is important. Whether applying fungicides, insecticides, or contact herbicides, twin flat spray tips are an excellent choice.

Features

- Dual outlet design produces two 110° flat fan spray patterns using the patented technology from the Turbo TeeJet nozzle. The angle between each spray pattern is 60° forward and backward.
- Best suited for broadcast spraying where superior leaf coverage and canopy penetration is important.
- Droplet size range is slightly larger than for the same capacity of Turbo TeeJet nozzle providing drift-reducing properties with increased coverage and penetration.

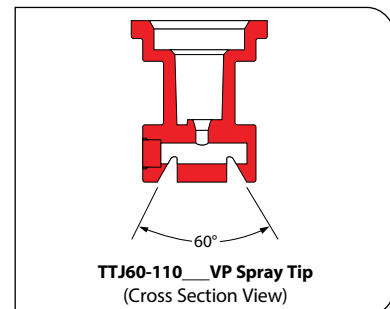
- Molded polymer for excellent chemical and wear resistance.
- Available in eight VisiFlo® colour-coded capacities with pressure ranges between 20 – 90 PSI.
- Ideal for use with automatic sprayer controllers.
- Automatic spray alignment with CP114440-*-CE.



PART	DESCRIPTION	PRICE (B)
TP110-**TTJ60	Turbo TwinJet Spray Tip	11.75

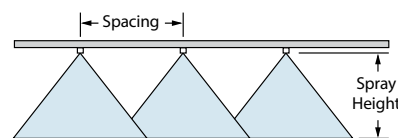


PSI	DROPSIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20°															
				GPA								GALLONS PER 1000 SQ. FT.							
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH				
20	C	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19				
	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	M	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27				
	M	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
	M	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33				
30	C	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	M	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	VC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
40	C	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34				
	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	M	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42				
	M	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45				
	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
50	M	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52				
	VC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29				
	C	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	C	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	M	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46				
60	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50				
	M	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
	M	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57				
	M	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
70	C	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
	M	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	M	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67				
	M	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72				
80	M	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78				
	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	C	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58				
	C	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68				
90	C	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76				
	M	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83				
	M	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90				
	M	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97				
	M	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0				
20	VC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57				
	C	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71				
	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	C	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91				
	M	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99				
30	M	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1				
	M	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2				
	M	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2				
	VC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78				
	C	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94				
40	C	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.09				
	C	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2				
	C	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3				
	C	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4				
	M	1.13	145	84	67	56	42	34	28	24	16.8	3.8	2.6	1.9	1.5				
50	M	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6				
	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97				
	C	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2				
	C	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4				
	C	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5				
60	C	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7				
	C	1.32	169	98	78	65	49	39	33	26	19.6	4.5	3.0	2.2	1.8				
	C	1.41	180	105	84	70	52	42	35	28	21	4.8	3.2	2.4	1.9				
	C	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0				
	C	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0				

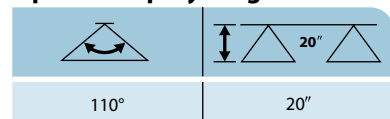


CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	EXCELLENT	VERY GOOD
VERY GOOD*	EXCELLENT*	EXCELLENT*

*At pressures below 30 PSI (2.0 bar)



Optimum Spray Height



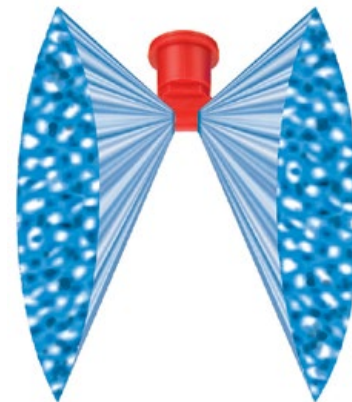


Air Induction Turbo TwinJet® Twin Flat Spray Tips

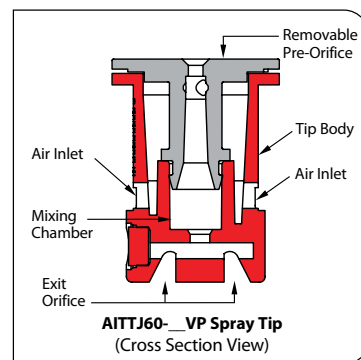
Air Induction Twin style flat spray tips are suited for broadcast spraying when leaf coverage and canopy penetration are desired, but drift management is important. Excellent for applying systemic fungicides and insecticides, or post-emergent herbicides, Air Induction twin flat spray tips are the right choice. TeeJet Air Induction Turbo TwinJet flat spray tips features include:

- Air induction with dual 110° flat fan pattern.
- 60° angle between leading and trailing spray pattern.
- Good leaf coverage and canopy penetration and best drift control.
- Excellent drift control with coarse to very coarse droplets.
- Available in nine VisiFlo® colour-coded capacities with pressure ranges from 20 – 90 PSI.
- Automatic spray alignment with CP114442-*,-CE* cap for 02 to 06 tip sizes only. For spray tip sizes 08, 10, and 15, use CP114501-*,-CE cap.

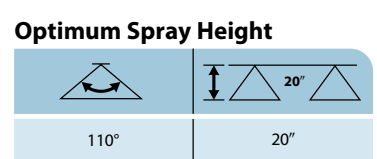
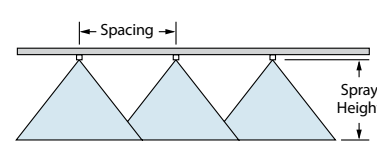
PART	DESCRIPTION	PRICE (B)
TP110**AITTJ60	AITTJ Spray Tip – sizes 02 to 08	12.15
TP110**AITTJ60	AITTJ Spray Tip – sizes 10 & 15	14.00



TIPO	PSI	DROPSIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA										GALLONS PER 1000 SQ. FT.				
					20'														
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH			
02 YELLOW (100)	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19			
	30	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
	40	UC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	50	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	60	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33			
025 VIOLET (100)	20	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24			
	30	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	40	VC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34			
	50	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
	60	C	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42			
03 BLUE (100)	20	UC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29			
	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35			
	40	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41			
	50	VC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46			
	60	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50			
04 RED (50)	20	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
	40	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54			
	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61			
	60	C	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67			
05 BROWN (50)	20	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58			
	40	XC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68			
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76			
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83			
06 GRAY (50)	20	UC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57			
	30	XC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71			
	40	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82			
	50	VC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91			
	60	VC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99			
08 WHITE (50)	20	UC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78			
	30	UC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94			
	40	XC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.09			
	50	XC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2			
	60	VC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3			
10 LIGHT BLUE (50)	20	UC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4			
	30	UC	1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8			
	40	UC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0			
	50	XC	1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3			
	60	XC	1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5			
15 GREEN (50)	20	UC	1.98	253	147	118	98	74	59	49	39	29	6.7	4.5	3.4	2.7			
	30	UC	2.12	271	157	126	105	79	63	52	42	31	7.2	4.8	3.6	2.9			
	40	VC	2.25	288	167	134	111	84	67	56	45	33	7.7	5.1	3.8	3.1			
	60	VC																	



CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



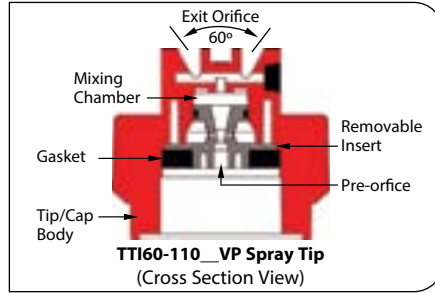


TTI TwinJet® Twin Flat Spray Tips

The extremely coarse droplet size of the TeeJet TTI TwinJet spray nozzles provides the best drift control possible, with minimal driftable fines and a twin spray pattern for improved coverage. Ideal for post-emergent systemic products.

Features:

- 110° wide angle, air induction, twin tapered flat spray tip patter based on the patented outlet orifice design of the original Turbo TeeJet® nozzle.
- 60° angle between leading and trailing patterns for increased canopy coverage and penetration.
- Depending on the chemical, produces large air-filled drops through a venturi air aspirator resulting in less drift.
- All polymer construction for excellent chemical and wear resistance.



- All in one molded nozzle and Quick TeeJet® cap design allows for quick installation and automatic alignment.
- Removable pre-orifice for fast and easy cleaning.
- Wide operating pressure: 20 – 100 PSI.

PART	DESCRIPTION	PRICE (B)
TP110°VPTTI60	TTI TwinJet Tip – 02 to 08	21.45

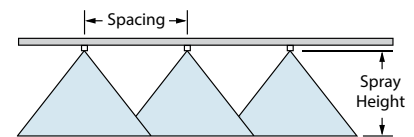
* Indicate spray tip size when ordering.

PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20"															
				GPA								GALLONS PER 1000 SQ. FT.							
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH				
20	UC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19				
	UC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	XC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27				
	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
	VC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33				
30	UC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	UC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	UC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
	UC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
40	XC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34				
	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	VC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42				
	VC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45				
	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
50	VC	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52				
	UC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29				
	UC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	UC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	UC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46				
60	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50				
	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
	VC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57				
	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
70	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	UC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
	UC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	XC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67				
	XC	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72				
80	VC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78				
	VC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	UC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58				
	UC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68				
90	UC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76				
	XC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83				
	XC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90				
	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97				
	VC	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0				
20	UC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57				
	UC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71				
	UC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	UC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91				
	XC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99				
30	XC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1				
	XC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2				
	XC	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2				
	UC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78				
	UC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94				
40	UC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.09				
	UC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2				
	UC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3				
	UC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4				
	UC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5				
50	XC	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6				

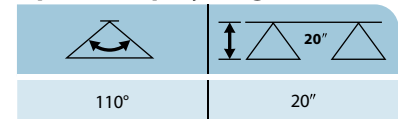
Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
	E XCELLENT	EXCELLENT



Optimum Spray Height





SJ-VR STREAMJET Variable Rate Fertilizer Tips

The SJ3-VR and SJ7-VR line of variable rate fertilizer spray tips feature a variable diameter orifice that produces a wide range of flow rates across standard operating pressures. This allows for a wider range of ground speeds and/or application rates from a single tip for improved productivity. The elastomer orifice design provides consistent flow rate performance while utilizing a simple, reliable design with no springs or moving parts.

Features:

- Designed for use in flow meter-based application systems.
- Creates either three (SJ3-VR) or seven (SJ7-VR) identical fluid streams of equal velocity and capacity.
- Solid stream pattern minimizes leaf burn and virtually eliminates drift.
- 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, and EPDM construction for excellent chemical resistance.
- Recommended operating pressure 20 to 100 PSI (SJ3-VR) and 30 to 80 PSI (SJ7-VR) for optimum stream performance.



PART	DESCRIPTION	PRICE (B)
TPSJ3-VRX2.0	Variable Rate StreamJet – 3 orifice	32.95
TPSJ7-VRX2.0	Variable Rate StreamJet – 7 orifice	38.35

SJ3-VRX2.0 VARIABLE RATE STREAMJET												
TIP NO. STRAINER MESH SIZE	LIQUID PRESSURE IN PSI	CAPACITY 1 NOZZLE IN GPM	20" SPACING									
			GALLONS PER ACRE									
			5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
SJ3-VRX2.0 (50)	20	0.55	44	36	31	27	22	18.2	15.6	13.6	12.1	10.9
	30	0.70	55	46	40	35	28	23	19.8	17.3	15.4	13.9
	40	0.84	67	55	48	42	33	28	24	21	18.5	16.6
	50	0.97	77	64	55	48	38	32	27	24	21	19.2
	60	1.11	88	73	63	55	44	37	31	27	24	22
	70	1.25	99	83	71	62	50	41	35	31	28	25
	80	1.38	109	91	78	68	55	46	39	34	30	27
	90	1.51	120	100	85	75	60	50	43	37	33	30
	100	1.64	130	108	93	81	65	54	46	41	36	32

SJ7-VR VARIABLE RATE STREAMJET												
TIP NO. STRAINER MESH SIZE	LIQUID PRESSURE IN PSI	CAPACITY 1 NOZZLE IN GPM	20" SPACING									
			GALLONS PER ACRE									
			5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
SJ7-VRX2.0 (50)	30	0.70	42	35	30	26	21	17.3	14.9	13	11.6	10.4
	40	0.85	50	42	36	32	25	21	18	15.8	14	12.6
	50	1.00	59	50	42	37	30	25	21	18.6	16.5	14.9
	60	1.17	69	58	50	43	35	29	25	22	19.3	17.4
	70	1.35	80	67	57	50	40	33	29	25	22	20
	80	1.55	92	77	66	58	46	38	33	29	26	23

QJ-VR & PTC-VR Variable Rate Fertilizer Assemblies

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 across standard operating pressures. This allows for a wider range of ground speeds and/or application rates from a single size for improved productivity. The elastomer orifice design provides consistent flow rate performance while utilizing a simple, reliable design with no springs or moving parts.

QJ-VR Variable Rate Hose Barb Fertilizer Assembly

Features:

- Designed for use in flow meter-based application systems.
- Available in 1/4" and 3/8" I.D. Hose.
- 1/4" version hose barb available in stainless steel; 3/8" version hose barb available in stainless steel and nylon.
- Removable variable rate EPDM orifice for easy cleaning.
- Variable rate for a wide range of application speeds and rates.
- Nylon, Acetal, and EPDM construction for excellent chemical resistance.
- Recommended operating pressure: 10 – 100 PSI.



PART	DESCRIPTION	PRICE (B)
QJVR1/4SSX1.0	Variable Rate Hose Barb Assembly – 1/4" S.S.	56.95
QJVR3/8NYBX1.0	Variable Rate Hose Barb Assembly – 3/8" Nylon	42.20
QJVR3/8SSX1.0	Variable Rate Hose Barb Assembly – 3/8" S.S.	56.95

PTC-VR Variable Rate Push-To-Connect Fertilizer Assembly

Features:

- Designed for use in flow meter-based application systems.
- Available for 1/4" and 3/8" O.D. tubing.
- Fittings feature push-to-connect couplers for fast, easy, and leak-free assembly.
- Removable variable rate EPDM orifice for easy cleaning.
- Variable rate for a wide range of application speeds and rates.
- Nylon, Acetal, and EPDM construction for excellent chemical resistance.
- Recommended operating pressure: 10 – 100 PSI.



PART	DESCRIPTION	PRICE (B)
TPPTCVR1/4X1.0	Variable Rate Push-to-Connect Assembly – 1/4"	40.85
TPPTCVR3/8X1.0	Variable Rate Push-to-Connect Assembly – 3/8"	40.85

NOTE: Please contact us for QJ-VR and PTC-VR Application Rate Charts.



StreamJet®



Features:

- VisiFlo® color-coding system.
- 3 solid streams of equal velocity and capacity.
- Removable metering orifice for easy cleaning.
- Ten sizes for a wide range of application rates.
- Equally spaced distribution at 20" height.
- Use with Quick TeeJet® cap CP114442-* -CE.
- All acetal construction for excellent chemical resistance.
- Recommended operating pressure: 20–60 PSI (1.5–4 bar).

Streamjet Tips

PART	DESCRIPTION	PRICE (B)
TPSJ3-015	Fertilizer Tip Green	13.30
TPSJ3-02	Fertilizer Tip Yellow	13.30
TPSJ3-03	Fertilizer Tip Blue	13.30
TPSJ3-04	Fertilizer Tip Red	13.30
TPSJ3-05	Fertilizer Tip Brown	13.30
TPSJ3-06	Fertilizer Tip Grey	13.30
TPSJ3-08	Fertilizer Tip White	13.30
TPSJ3-10	Fertilizer Tip Light Blue	13.30
TPSJ3-15	Fertilizer Tip Light Green	13.30
TPSJ3-20	Fertilizer Tip Black	13.30



TIPO	PSI	CAPACITY ONE NOZZLE IN GPM	GPA 20"											
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH	
SJ3-015-VP (100)	20	0.11	10.9	8.2	6.5	5.4	4.1	3.3	2.7	2.3	2.0	1.8	1.6	
	30	0.13	12.9	9.7	7.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9	
	40	0.15	14.9	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	
	50	0.16	15.8	11.9	9.5	7.9	5.9	4.8	4.0	3.4	3.0	2.6	2.4	
	60	0.17	16.8	12.6	10.1	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5	
SJ3-02-VP (50)	20	0.14	13.9	10.4	8.3	6.9	5.2	4.2	3.5	3.0	2.6	2.3	2.1	
	30	0.17	16.8	12.6	10.1	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5	
	40	0.20	19.8	14.9	11.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0	
	50	0.21	21	15.6	12.5	10.4	7.8	6.2	5.2	4.5	3.9	3.5	3.1	
	60	0.22	22	16.3	13.1	10.9	8.2	6.5	5.4	4.7	4.1	3.6	3.3	
SJ3-03-VP (50)	20	0.24	24	17.8	14.3	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6	
	30	0.27	27	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	4.5	4.0	
	40	0.30	30	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	5.0	4.5	
	50	0.33	33	25	19.6	16.3	12.3	9.8	8.2	7.0	6.1	5.4	4.9	
	60	0.35	35	26	21	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2	
SJ3-04-VP (50)	20	0.30	30	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	5.0	4.5	
	30	0.36	36	27	21	17.8	13.4	10.7	8.9	7.6	6.7	5.9	5.3	
	40	0.40	40	30	24	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9	
	50	0.43	43	32	26	21	16.0	12.8	10.6	9.1	8.0	7.1	6.4	
	60	0.47	47	35	28	23	17.4	14.0	11.6	10.0	8.7	7.8	7.0	
SJ3-05-VP (50)	20	0.36	36	27	21	17.8	13.4	10.7	8.9	7.6	6.7	5.9	5.3	
	30	0.45	45	33	27	22	16.7	13.4	11.1	9.5	8.4	7.4	6.7	
	40	0.50	50	37	30	25	18.6	14.9	12.4	10.6	9.3	8.3	7.4	
	50	0.55	54	41	33	27	20	16.3	13.6	11.7	10.2	9.1	8.2	
	60	0.59	58	44	35	29	22	17.5	14.6	12.5	11.0	9.7	8.8	
SJ3-06-VP (50)	20	0.42	42	31	25	21	15.6	12.5	10.4	8.9	7.8	6.9	6.2	
	30	0.54	53	40	32	27	20	16.0	13.4	11.5	10.0	8.9	8.0	
	40	0.60	59	45	36	30	22	17.8	14.9	12.7	11.1	9.9	8.9	
	50	0.66	65	49	39	33	25	19.6	16.3	14.0	12.3	10.9	9.8	
	60	0.70	69	52	42	35	26	21	17.3	14.9	13.0	11.6	10.4	
SJ3-08-VP	20	0.56	55	42	33	28	21	16.6	13.9	11.9	10.4	9.2	8.3	
	30	0.72	71	53	43	36	27	21	17.8	15.3	13.4	11.9	10.7	
	40	0.80	79	59	48	40	30	24	19.8	17.0	14.9	13.2	11.9	
	50	0.88	87	65	52	44	33	26	22	18.7	16.3	14.5	13.1	
	60	0.94	93	70	56	47	35	28	23	19.9	17.4	15.5	14.0	
SJ3-10-VP	20	0.65	64	48	39	32	24	19.3	16.1	13.8	12.1	10.7	9.7	
	30	0.90	89	67	53	45	33	27	22	19.1	16.7	14.9	13.4	
	40	1.00	99	74	59	50	37	30	25	21	18.6	16.5	14.9	
	50	1.11	110	82	66	55	41	33	27	24	21	18.3	16.5	
	60	1.19	118	88	71	59	44	35	29	25	22	19.6	17.7	
SJ3-15-VP	20	0.99	98	74	59	49	37	29	25	21	18.4	16.3	14.7	
	30	1.24	123	92	74	61	46	37	31	26	23	20	18.4	
	40	1.50	149	111	89	74	56	45	37	32	28	25	22	
	50	1.68	166	125	100	83	62	50	42	36	31	28	25	
	60	1.83	181	136	109	91	68	54	45	39	34	30	27	
SJ3-20-VP	20	1.41	140	105	84	70	52	42	35	30	26	23	21	
	30	1.75	173	130	104	87	65	52	43	37	32	29	26	
	40	2.00	198	149	119	99	74	59	50	42	37	33	30	
	50	2.28	226	169	135	113	85	68	56	48	42	38	34	
	60	2.49	247	185	148	123	92	74	62	53	46	41	37	

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



TeeJet® Turbo TeeJet Induction Spray Tips

Features

- 110° Wide angle, air induction, tapered flat spray tip pattern based on the patented outlet orifice design of the original TeeJet® nozzle.
- Patented orifice design provides large, round passages to minimize plugging.
- Depending on chemical, produces large air-filled drops through a Venturi air aspirator resulting in less drift.
- All polymer construction for excellent chemical and wear resistance.
- Compact size to prevent tip damage.
- Removable pre-orifice – easy to clean, if required.
- Ideal for use with automatic sprayer controllers.
- Wide operating pressure range: 15 – 100 PSI.
- Use CP114442-* CE Quick TeeJet® cap for spray tip sizes 015 to 06.
- Use CP114502-* CE Quick TeeJet® cap for spray tip sizes 08 and 10.



PART	DESCRIPTION	PRICE (B)
TP110-**TTIVP	Turbo TeeJet Induction Spray Tip – Sizes 015 to 06	16.70
TP110-**TTIVP	Turbo TeeJet Induction Spray Tip – Sizes 08 & 10	19.55

Available in sizes: 015, 02, 025, 03, 04, 05, 06, 08, 10

PSI	DROP SIZE	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA										GALLONS PER 1000 SQ. FT.				
			20"														
			4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH			
15	UC	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13		
20	UC	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15		
30	UC	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18		
40	UC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20		
50	UC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23		
60	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24		
70	XC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27		
80	XC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29		
90	XC	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31		
100	XC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33		
15	UC	0.12	15	8.9	7.1	5.9	4.6	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16		
20	UC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19		
30	UC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23		
40	UC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27		
50	UC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30		
60	XC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33		
70	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35		
80	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38		
90	XC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41		
100	XC	0.32	41	24	19.0	15.8	11.9	9.5	7.9	6.3	4.8	1.1	0.73	0.54	0.44		
15	UC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20		
20	UC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24		
30	UC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30		
40	UC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34		
50	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38		
60	XC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42		
70	XC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45		
80	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48		
90	XC	0.38	48	28	23	18.6	14.1	11.1	9.4	7.5	5.6	1.3	0.86	0.65	0.50		
100	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54		
15	UC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24		
20	UC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29		
30	UC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.9	0.88	0.59	0.44	0.35		
40	UC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41		
50	UC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46		
60	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50		
70	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54		
80	XC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57		
90	XC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61		
100	XC	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.1	0.80	0.64		
15	UC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33		
20	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38		
30	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48		
40	UC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54		
50	UC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61		
60	XC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67		
70	XC	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72		
80	XC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78		
90	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82		
100	XC	0.63	81	47	37	31	23	18.7	15.6	12.5	9.4	2.1	1.4	1.1	0.86		
15	UC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42		
20	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48		
30	UC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58		
40	UC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68		
50	UC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.9	1.9	1.3	0.95	0.76		
60	XC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83		
70	XC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90		
80	XC	0.71	91	53	42	35	26	21	17.4	14.1	10.5	2.4	1.6	1.2	0.97		
90	XC	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0		
100	XC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1		
15	UC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50		
20	UC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57		
30	UC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71		
40	UC	0.60	77	45	36	30	23	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82		
50	UC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91		
60	XC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99		
70	XC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1		
80	XC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2		
90	XC	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2		
100	XC	0.95	123	71	56	47	35	28	24	18.8	14.3	3.2	2.2	1.6	1.3		
15	UC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67		
20	UC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78		
30	UC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91		
40	UC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1				

TeeJet® Flow Regulators

Typical Assembly

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.



1322
1/4TT Body

5053
Strainer

4916
Orifice Plate

4928
Adapter
1/8" NPT (F)
Outlet

1325
Cap



Note: Always insert Orifice Plate with side marked with number facing the outlet
MATERIAL: Stainless Steel

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

$$\text{GPM (Per Nozzle)} = \frac{\text{GPA} \times \text{MPH} \times \text{W}}{5,940}$$

$$\text{GPA} = \frac{5,940 \times \text{GPM (Per Nozzle)}}{\text{MPH} \times \text{W}}$$

W = Nozzle spacing (in inches) for broadcast spraying.

= Spray width (in inches) for single nozzle, band spraying or boomless spraying.

= Row spacing (in inches) divided by the number of nozzles per row for directed spraying.

PART	DESCRIPTION	PRICE (B)
4916-**	Stainless Steel Orifice	4.70

Tabulated flow rates are for spraying water into air atmospheric pressure. If your application creates backpressure, or if spraying into a liquid, measure and calibrate to ensure proper application rates.

Orifice Size	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
4916-008	0.003	0.004	0.006	0.007	0.008	0.009	0.010
4916-10	0.005	0.007	0.009	0.011	0.013	0.015	0.016
4916-12	0.007	0.010	0.013	0.016	0.019	0.021	0.023
4916-14	0.009	0.013	0.018	0.022	0.025	0.028	0.031
4916-15	0.010	0.015	0.021	0.025	0.029	0.032	0.036
4916-16	0.012	0.017	0.023	0.029	0.033	0.037	0.040
4916-18	0.015	0.021	0.030	0.036	0.042	0.047	0.051
4916-20	0.018	0.026	0.037	0.045	0.052	0.058	0.064
4916-22	0.022	0.031	0.043	0.053	0.061	0.068	0.075
4916-24	0.026	0.037	0.052	0.064	0.074	0.083	0.091
4916-25	0.028	0.040	0.056	0.068	0.079	0.088	0.097
4916-26	0.030	0.043	0.061	0.074	0.086	0.096	0.105
4916-27	0.032	0.046	0.064	0.079	0.091	0.102	0.111
4916-28	0.035	0.049	0.069	0.085	0.098	0.110	0.120
4916-29	0.038	0.054	0.076	0.094	0.108	0.121	0.132
4916-30	0.040	0.057	0.081	0.099	0.114	0.127	0.140
4916-31	0.043	0.062	0.087	0.107	0.123	0.138	0.151
4916-32	0.048	0.068	0.095	0.117	0.135	0.151	0.165
4916-34	0.052	0.074	0.104	0.127	0.147	0.164	0.180
4916-35	0.056	0.079	0.111	0.136	0.157	0.176	0.192
4916-37	0.061	0.086	0.122	0.149	0.172	0.192	0.211
4916-39	0.068	0.096	0.135	0.165	0.191	0.214	0.234
4916-40	0.072	0.102	0.144	0.177	0.204	0.228	0.250
4916-41	0.075	0.106	0.149	0.183	0.211	0.236	0.258
4916-43	0.082	0.116	0.163	0.200	0.231	0.258	0.283
4916-45	0.088	0.125	0.177	0.217	0.250	0.280	0.306
4916-46	0.095	0.135	0.191	0.234	0.270	0.302	0.331

Orifice Size	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
4916-47	0.097	0.138	0.194	0.238	0.275	0.307	0.337
4916-48	0.101	0.143	0.202	0.248	0.286	0.320	0.350
4916-49	0.104	0.148	0.209	0.255	0.295	0.330	0.361
4916-51	0.116	0.165	0.233	0.285	0.329	0.368	0.403
4916-52	0.118	0.168	0.237	0.290	0.335	0.375	0.410
4916-54	0.127	0.180	0.255	0.312	0.360	0.402	0.441
4916-55	0.133	0.189	0.267	0.326	0.377	0.421	0.462
4916-57	0.141	0.200	0.283	0.346	0.400	0.447	0.490
4916-59	0.153	0.217	0.306	0.375	0.433	0.484	0.530
4916-61	0.165	0.233	0.330	0.404	0.466	0.521	0.571
4916-63	0.174	0.246	0.347	0.425	0.491	0.549	0.601
4916-65	0.185	0.261	0.369	0.452	0.522	0.584	0.639
4916-67	0.196	0.278	0.392	0.481	0.555	0.621	0.680
4916-68	0.203	0.287	0.405	0.496	0.573	0.641	0.702
4916-70	0.216	0.306	0.433	0.530	0.612	0.684	0.750
4916-72	0.226	0.320	0.453	0.554	0.640	0.716	0.784
4916-73	0.233	0.330	0.467	0.572	0.660	0.738	0.808
4916-75	0.245	0.347	0.491	0.601	0.694	0.776	0.850
4916-78	0.272	0.385	0.544	0.667	0.770	0.861	0.943
4916-80	0.280	0.397	0.561	0.687	0.793	0.887	0.971
4916-81	0.290	0.411	0.581	0.711	0.821	0.918	1.01
4916-83	0.317	0.449	0.634	0.777	0.897	1.00	1.10
4916-86	0.332	0.470	0.664	0.813	0.939	1.05	1.15
4916-89	0.346	0.490	0.693	0.849	0.980	1.10	1.20
4916-91	0.369	0.523	0.739	0.905	1.05	1.17	1.28
4916-93	0.387	0.547	0.774	0.947	1.09	1.22	1.34
4916-95	0.404	0.572	0.808	0.990	1.14	1.28	1.40

Orifice Size	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
4916-98	0.442	0.625	0.884	1.08	1.25	1.40	1.53
4916-103	0.461	0.653	0.923	1.13	1.31	1.46	1.60
4916-107	0.518	0.733	1.04	1.27	1.47	1.64	1.79
4916-110	0.548	0.775	1.10	1.34	1.55	1.73	1.90
4916-115	0.605	0.855	1.21	1.48	1.71	1.91	2.09
4916-120	0.629	0.890	1.26	1.54	1.78	1.99	2.18
4916-125	0.693	0.980	1.39	1.70	1.96	2.19	2.40
4916-128	0.721	1.02	1.44	1.77	2.04	2.28	2.50
4916-132	0.774	1.10	1.55	1.90	2.19	2.45	2.68
4916-136	0.840	1.19	1.68	2.06	2.38	2.66	2.91
4916-140	0.894	1.27	1.79	2.19	2.53	2.83	3.10
4916-144	0.926	1.31	1.85	2.27	2.62	2.93	3.21
4916-147	0.953	1.35	1.91	2.33	2.70	3.01	3.30
4916-151	1.04	1.47	2.08	2.55	2.94	3.29	3.60
4916-156	1.10	1.55	2.20	2.69	3.11	3.47	3.80
4916-161	1.15	1.63	2.31	2.83	3.27	3.65	4.00
4916-166	1.21	1.72	2.43	2.97	3.43	3.84	4.20
4916-170	1.30	1.84	2.61	3.19	3.69	4.12	4.51
4916-172	1.36	1.92	2.71	3.32	3.84	4.29	4.70
4916-177	1.41	2.00	2.83	3.46	4.00	4.47	4.90
4916-182	1.47	2.08	2.95	3.61	4.17	4.66	5.10
4916-187	1.56	2.21	3.12	3.82	4.41	4.93	5.40
4916-196	1.73	2.45	3.46	4.24	4.90	5.47	6.00
4916-205	1.88	2.65	3.75	4.59	5.31	5.93	6.50
4916-218	2.11	2.98	4.21	5.16	5.96	6.66	7.30
4916-234	2.45	3.47	4.91	6.01	6.94	7.76	8.50
4916-250	2.83	4.00	5.66	6.93	8.00	8.94	9.80

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



TeeJet® Even Flat Spray Tips

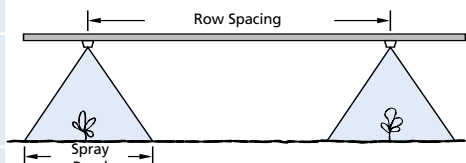
Features:

- Ideal for banding over the row or in row middles.
- Provides uniform distribution throughout the flat spray pattern.
- Easily mounted on spray boom or planter.
- Available in Visiflo, stainless steel, or brass.
- Automatic spray alignment with CP114440-*CE cap.

PART	DESCRIPTION	PRICE (B)
TP40**E	Brass Tip	6.70
TP40**ESS	Stainless Steel Tip	17.10
TP80**EVS	Visiflo Tip	9.65
TP80**ESS	Stainless Steel Tip	16.90



TIPO	PSI	CAPACITY ONE NOZZLE IN GPM	U.S.GPA 30°											
			3 MPH	3.5 MPH	4 MPH	4.5 MPH	5 MPH	5.5 MPH	6 MPH	6.5 MPH	7 MPH	7.5 MPH	8 MPH	8.5 MPH
TP4001E TP4001ESS	20 30	0.071 0.087	4.7 5.7	4.0 4.9	3.5 4.3	3.1 3.8	2.8 3.4	2.6 3.1	2.3 2.9	2.2 2.7	2.0 2.5	1.9 2.3	1.8 2.2	1.7 2.0
TP8001EVS	40 50 60	0.10 0.11 0.12	6.6 7.3 7.9	5.7 6.2 6.8	5.0 5.4 5.9	4.4 4.8 5.3	4.0 4.4 4.8	3.6 4.0 4.3	3.3 3.6 4.0	3.0 3.4 3.7	2.8 3.1 3.4	2.6 2.9 3.2	2.5 2.7 3.0	2.3 2.6 2.8
TP40015E TP40015ESS	20 30	0.11 0.13	7.3 8.6	6.2 7.4	5.4 6.4	4.8 5.7	4.4 5.1	4.0 4.7	3.6 4.3	3.4 4.0	3.1 3.7	2.9 3.4	2.7 3.2	2.6 3.0
TP80015EVS	40 50 60	0.15 0.17 0.18	9.9 11.2 11.9	8.5 9.6 10.2	7.4 8.4 8.9	6.6 7.5 7.9	5.9 6.7 7.1	5.4 6.1 6.5	5.0 5.6 5.9	4.6 5.2 5.5	4.2 4.8 5.1	4.0 4.5 4.8	3.7 4.2 4.5	3.5 4.0 4.2
TP4002E TP4002ESS	20 30	0.14 0.17	9.2 11.2	7.9 9.6	6.9 8.4	6.2 7.5	5.5 6.7	5.0 6.1	4.6 5.6	4.3 5.2	4.0 4.8	3.7 4.5	3.5 4.2	3.3 4.0
TP8002EVS	40 50 60	0.20 0.22 0.24	13.2 14.5 15.8	11.3 12.4 13.6	9.9 10.9 11.9	8.8 9.7 10.6	7.9 8.7 9.5	7.2 7.9 8.6	6.6 7.3 7.9	6.1 6.7 7.3	5.7 6.2 6.8	5.3 5.8 6.3	5.0 5.4 5.9	4.7 5.1 5.6
TP4003E TP4003ESS	20 30	0.21 0.26	13.9 17.2	11.9 14.7	10.4 12.9	9.2 11.4	8.3 10.3	7.6 9.4	6.9 8.6	6.4 7.9	5.9 7.4	5.5 6.9	5.2 6.4	4.9 6.1
TP8003EVS	40 50 60	0.30 0.34 0.37	19.8 22 24	17.0 19.2 21	14.9 16.8 18.3	13.2 15.0 16.3	11.9 13.5 14.7	10.8 12.2 13.3	9.9 11.2 12.2	9.1 10.4 11.3	8.5 9.6 10.5	7.9 9.0 9.8	7.4 8.4 9.2	7.0 7.9 8.6
TP4004E TP4004ESS	20 30	0.28 0.35	18.5 23	15.8 19.8	13.9 17.3	12.3 15.4	11.1 13.9	10.1 12.6	9.2 11.6	8.5 10.7	7.9 9.9	7.4 9.2	6.9 8.7	6.5 8.2
TP8004EVS	40 50 60	0.40 0.45 0.49	26 30 32	23 25 28	19.8 22 24	17.6 19.8 22	15.8 17.8 19.4	14.4 16.2 17.6	13.2 14.9 16.2	12.2 13.7 14.9	11.3 12.7 13.9	10.6 11.9 12.9	9.9 11.1 12.1	9.3 10.5 11.4
TP4005ESS	20 30	0.35 0.43	23 28	19.8 24	17.3 21	15.4 18.9	13.9 17.0	12.6 15.5	11.6 14.2	10.7 13.1	9.9 12.2	9.2 11.4	8.7 10.6	8.2 10.0
TP8005EVS	40 50 60	0.50 0.56 0.61	33 37 40	28 32 35	25 28 30	22 25 27	19.8 22 24	18.0 20 22	16.5 18.5 20	15.2 17.1 18.6	14.1 15.8 17.3	13.2 14.8 16.1	12.4 13.9 15.1	11.6 13.0 14.2
TP4006E TP4006EVS	20 30	0.42 0.52	28 34	24 29	21 26	18.5 23	16.6 21	15.1 18.7	13.9 17.2	12.8 15.8	11.9 14.7	11.1 13.7	10.4 12.9	9.8 12.1
TP8006EVS	40 50 60	0.60 0.67 0.73	40 44 48	34 38 41	30 33 36	26 29 32	24 27 29	22 24 26	19.8 22 24	18.3 20 22	17.0 19.0 21	15.8 17.7 19.3	14.9 16.6 18.1	14.0 15.6 17.0
TP8008EVS	20 30 40 50 60	0.57 0.69 0.80 0.89 0.98	38 46 53 59 65	32 39 45 44 55	28 34 40 39 49	25 30 35 35 43	23 27 32 32 39	21 25 29 29 35	18.8 23 26 29 35	17.4 21 24 27 32	16.1 19.5 23 25 30	15.0 18.2 21 23 28	14.1 17.1 19.8 22 26	13.3 16.1 18.6 21 23
TP4010E TP4010ESS TP8010E TP8010ESS	20 30 40 50 60	0.71 0.87 1.00 1.12 1.22	47 57 66 74 81	40 49 50 55 60	35 43 44 49 54	31 38 40 44 48	28 34 40 44 44	26 31 36 37 40	23 29 33 34 37	22 29 30 34 37	20 27 28 32 35	18.7 25 26 30 32	17.6 22 26 30 32	16.5 20 23 26 28
TP4015E TP4015ESS TP8015E TP8015ESS	20 30 40 50 60	1.06 1.30 1.50 1.68 1.84	70 86 99 111 121	60 74 85 95 104	52 64 74 83 91	47 57 66 74 81	42 51 59 67 73	38 47 54 60 66	35 43 50 55 61	32 40 46 51 56	30 37 42 48 52	28 34 40 44 49	26 32 37 42 46	25 30 35 39 43



TIPO	GPA CONVERSION FACTORS*					GPA CONVERSION FACTORS*	
	40°	65°	80°	95°	110°	20"	30"
8"	11"	6"	5"	4"	3"	2.50	3.75
10"	14"	8"	6"	5"	4"	2.00	3.00
12"	16"	9"	7"	5"	4"	1.67	2.50
15"	21"	12"	9"	7"	5"	1.33	2.00



TeeJet® AI3070 Air Induction Dual Pattern Flat Spray Tips

The AI3070 TeeJet dual flat spray tip, utilizing a patent-pending design, provides two spray patterns at complementary angles of 30° and 70° from vertical. The leading pattern provides coverage at the rear of the crop and penetration for coverage within the canopy. The trailing pattern provides thorough coverage across the top of the crop canopy. The AI3070 is ideal for fungicide application and disease control in cereal crops.

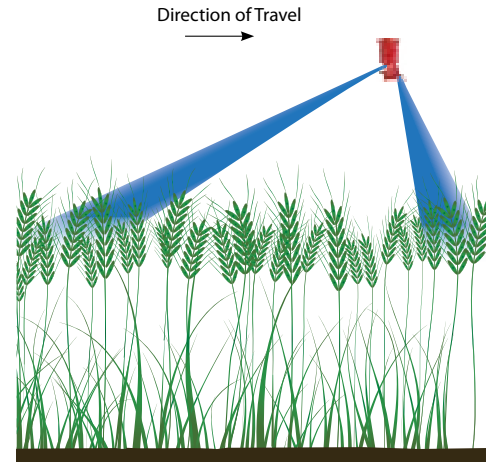
AI3070 Features & Benefits:

- AI3070 produces two wide angle, flat spray patterns for uniform coverage in broadcast applications.
- 30° forward tilted spray penetrates dense crop canopies, while the backward tilted 70° spray maximizes coverage of the crop seed head.
- Drift resistant drops are produced through the use of a venture air aspirator.
- Large, round, free passages minimize clogging.
- All acetal construction for excellent chemical and wear resistance.
- Removable pre-orifice for fast and easy cleaning.
- Automatic alignment with use of QJ98578-1NYR cap.
- Uses standard QJ19438EPR gasket.
- Suggested spray pressure range of 20 to 90 PSI (1.5 to 6 bar).

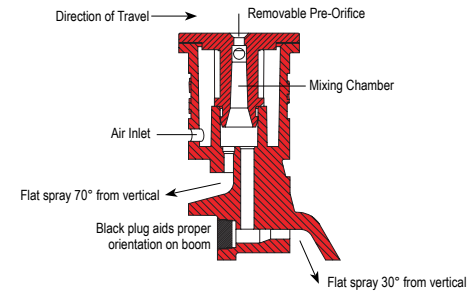


PART	DESCRIPTION	PRICE (€)
TP3070-*AIVP	AI3070 Spray Tip*	12.20
QJ98578-1NY	Cap Only for AI3070 Spray Tip	2.15
QJ19438EPR	QJ Gasket	.80

* AI3070 Spray Tip available in 6 sizes (015, 02, 025, 03, 04, and 05) – Please Specify Size When Ordering



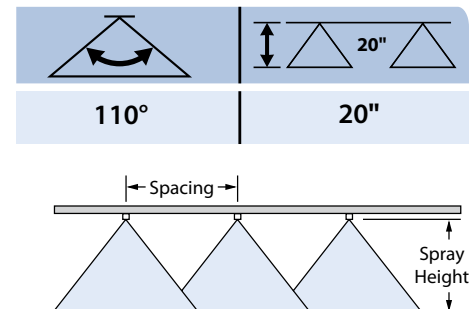
CROSS SECTION VIEW



SELECTION GUIDE

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	EXCELLENT	VERY GOOD

OPTIMUM SPRAY HEIGHT



PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE OZ/MIN	20°															
				GPA												GALLONS PER 1000 SQ. FT.			
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH				
AI3070-015VP (100)	20	VC	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15			
	40	C	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18			
	50	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
	60	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24			
	75	M	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29			
90	F	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31				
AI3070-02VP (100)	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19			
	30	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
	40	C	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	50	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	60	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33			
AI3070-025VP (100)	75	M	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.3	4.0	0.92	0.61	0.46	0.37			
	90	M	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41			
	20	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24			
	30	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	40	C	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34			
AI3070-03VP (50)	50	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
	60	C	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42			
	75	C	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46			
	90	M	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52			
	20	XC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29			
AI3070-04VP (50)	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35			
	40	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41			
	50	C	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46			
	60	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50			
	75	C	0.41	52	30	24	20	15.2	12.2	10.1	8.1	6.1	1.4	0.93	0.70	0.56			
AI3070-04VP (50)	90	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61			
	20	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
	40	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54			
	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61			
AI3070-05VP (50)	60	VC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67			
	75	C	0.55	70	41	33	27	20	16.3	13.6	10.9	8.2	1.9	1.2	0.94	0.75			
	90	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82			
	20	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58			
AI3070-05VP (50)	40	VC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68			
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76			
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83			
	75	C	0.68	87	50	40	34	25	20	16.8	13.5	10.1	2.3	1.5	1.2	0.92			
	90	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0			

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



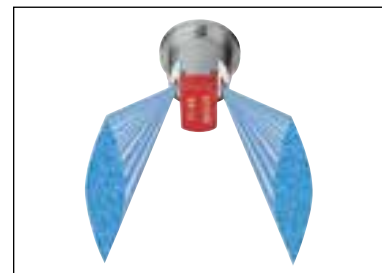
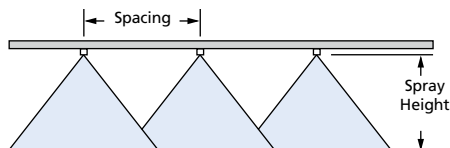


TwinJet®



Features:

- Penetrates crop residue or dense foliage.
- Smaller droplets for thorough coverage.
- Better spray distribution along boom than with hollow cone nozzles.
- Available stainless steel with VisiFlo® color-coding in 80° and 110° spray angles.
- Automatic spray alignment with CP114442*-CE Quick TeeJet® cap.

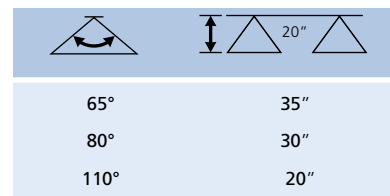


PSI	DROPSIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20"															
				GPA								GALLONS PER 1000 SQ. FT.							
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH				
TJ60-6501	30	VF	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12			
TJ60-8001	35	VF	0.094	12	7.0	5.6	4.7	3.5	2.8	2.3	1.9	1.4	0.32	0.21	0.16	0.13			
	40	VF	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14			
	50	VF	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15			
	60	VF	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16			
TJ60-650134	30		0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16			
	35		0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18			
	40		0.134	17	9.9	8.0	6.6	5.0	4.0	3.3	2.7	2.0	0.46	0.30	0.23	0.18			
	50		0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20			
	60		0.16	20	11.9	9.5	7.9	5.9	4.8	4.0	3.2	2.4	0.54	0.36	0.27	0.22			
TJ60-6502	30	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
TJ60-8002	35	F	0.19	24	14.1	11.3	9.4	7.1	5.6	4.7	3.8	2.8	0.65	0.43	0.32	0.26			
TJ60-11002	40	F	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	50	F	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	60	F	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33			
TJ60-6503	30	F	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35			
TJ60-8003	35	F	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
TJ60-11003	40	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41			
	50	F	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46			
	60	F	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50			
TJ60-6504	30	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
TJ60-8004	35	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50			
TJ60-11004	40	F	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54			
	50	F	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61			
	60	F	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67			
TJ60-8005	30	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58			
TJ60-11005	35	M	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.07	0.80	0.64			
	40	M	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.13	0.85	0.68			
	50	F	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76			
	60	F	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.04	0.83			
TJ60-6506	30	M	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71			
TJ60-8006	35	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76			
TJ60-11006	40	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82			
	50	M	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91			
	60	M	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99			
TJ60-6508	30	C	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94			
TJ60-8008	35	M	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0			
TJ60-11008	40	M	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1			
	50	M	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2			
	60	M	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3			
TJ60-8010	30	C	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2			
	35	C	0.94	120	70	56	47	35	28	23	18.6	14.0	3.2	2.1	1.6	1.3			
	40	C	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4			
	50	M	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5			
	60	M	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7			

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



Optimum Spray Height



TwinJet

PART	DESCRIPTION	PRICE (B)
TP80-01TJ60VS	Twin Jet VS Tip 80°	18.50
TP65-0134TJ60VS	Twin Jet VS Tip 65°	18.50
TP80-02TJ60VS	Twin Jet VS Tip 80°	18.50
TP80-03TJ60VS	Twin Jet VS Tip 80°	18.50
TP80-04TJ60VS	Twin Jet VS Tip 80°	18.50
TP80-06TJ60VS	Twin Jet VS Tip 80°	18.50
TP80-08TJ60VS	Twin Jet VS Tip 80°	18.50
TP80-10TJ60VS	Twin Jet VS Tip 80°	18.50

110°

PART	DESCRIPTION	PRICE (B)
TP110-02TJ60VS	Twin Jet VS Tip 110°	18.05
TP110-03TJ60VS	Twin Jet VS Tip 110°	18.05
TP110-04TJ60VS	Twin Jet VS Tip 110°	18.05
TP110-06TJ60VS	Twin Jet VS Tip 110°	18.05
TP110-08TJ60VS	Twin Jet VS Tip 110°	18.05
TP110-10TJ60VS	Twin Jet VS Tip 110°	18.05



ConeJet

Features:

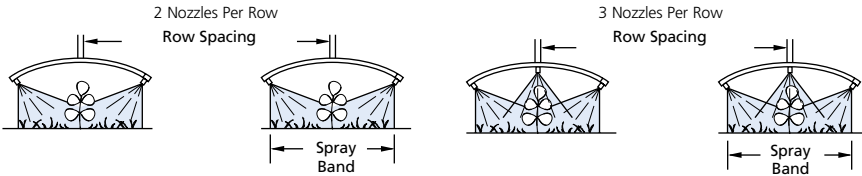
- VisiFlo color-coded version consists of stainless steel in polypropylene body. Maximum operating pressure 300 PSI. Spray angle is 80° at 100 PSI.
- Ideal for banding with two or three nozzles over the row.
- Finely atomized spray pattern provides thorough coverage.
- Automatic spray alignment with CP114444-*CE cap.

ConeJet Tips

PART	DESCRIPTION	PRICE (B)
TPTX-1VS	Hollow ConeJet 80°	10.05
TPTX-2VS	Hollow ConeJet 80°	10.05
TPTX-3VS	Hollow ConeJet 80°	10.05
TPTX-4VS	Hollow ConeJet 80°	10.05
TPTX-6VS	Hollow ConeJet 80°	10.05
TPTX-8VS	Hollow ConeJet 80°	10.05
TPTX-10VS	Hollow ConeJet 80°	10.05
TPTX-12VS	Hollow ConeJet 80°	10.05
TPTX-18VS	Hollow ConeJet 80°	10.05
TPTX-26VS	Hollow ConeJet 80°	10.05



GPA CONVERSION FACTORS*	
Band Width	Factor
8"	3.75
10"	3.00
12"	2.50
15"	2.00



*To find GPA rate on band widths, multiply the tabulated GPA for ROW SPACING by the conversion factors.

Nozzle Part	PSI	CAPACITY TWO NOZZLES IN GPM	CAPACITY TWO NOZZLES IN OZ./MIN.	U.S. GPA $\triangle 30^\circ \triangle$					PSI	CAPACITY THREE NOZZLES IN GPM	CAPACITY THREE NOZZLES IN OZ./MIN.	U.S. GPA $\triangle 30^\circ \triangle$				
				3 MPH	4 MPH	5 MPH	6 MPH	7 MPH				3 MPH	4 MPH	5 MPH	6 MPH	7 MPH
TX-1	40	0.033	4.2	2.2	1.6	1.3	1.1	0.93	40	0.050	6.4	3.3	2.5	2.0	1.7	1.4
TPTX1VS (100)	60	0.039	5.0	2.6	1.9	1.5	1.3	1.1	60	0.059	7.6	3.9	2.9	2.3	1.9	1.7
	75	0.043	5.5	2.8	2.1	1.7	1.4	1.2	75	0.065	8.3	4.3	3.2	2.6	2.1	1.8
	90	0.047	6.0	3.1	2.3	1.9	1.6	1.3	90	0.070	9.0	4.6	3.5	2.8	2.3	2.0
	120	0.053	6.8	3.5	2.6	2.1	1.7	1.5	120	0.079	10	5.2	3.9	3.1	2.6	2.2
TX-2	40	0.067	8.6	4.4	3.3	2.7	2.2	1.9	40	0.100	13	6.6	5.0	4.0	3.3	2.8
TPTX2VS (100)	60	0.080	10	5.3	4.0	3.2	2.6	2.3	60	0.12	15	7.9	5.9	4.8	4.0	3.4
	75	0.088	11	5.8	4.4	3.5	2.9	2.5	75	0.13	17	8.6	6.4	5.1	4.3	3.7
	90	0.095	12	6.3	4.7	3.8	3.1	2.7	90	0.14	18	9.2	6.9	5.5	4.6	4.0
	120	0.11	14	7.3	5.4	4.4	3.6	3.1	120	0.16	20	10.6	7.9	6.3	5.3	4.5
TX-3	40	0.10	13	6.6	5.0	4.0	3.3	2.8	40	0.15	19	9.9	7.4	5.9	5.0	4.2
TPTX3VS (100)	60	0.12	15	7.9	5.9	4.8	4.0	3.4	60	0.18	23	11.9	8.9	7.1	5.9	5.1
	75	0.13	17	8.6	6.4	5.1	4.3	3.7	75	0.20	26	13.2	9.9	7.9	6.6	5.7
	90	0.14	18	9.2	6.9	5.5	4.6	4.0	90	0.21	27	13.9	10.4	8.3	6.9	5.9
	120	0.16	20	10.6	7.9	6.3	5.3	4.5	120	0.24	31	15.8	11.9	9.5	7.9	6.8
TX-4	40	0.13	17	8.6	6.4	5.1	4.3	3.7	40	0.20	26	13.2	9.9	7.9	6.6	5.7
TPTX4VS (50)	60	0.16	20	10.6	7.9	6.3	5.3	4.5	60	0.24	31	15.8	11.9	9.5	7.9	6.8
	75	0.18	23	11.9	8.9	7.1	5.9	5.1	75	0.27	35	17.8	13.4	10.7	8.9	7.6
	90	0.19	24	12.5	9.4	7.5	6.3	5.4	90	0.29	37	19.1	14.4	11.5	9.6	8.2
	120	0.22	28	14.5	10.9	8.7	7.3	6.2	120	0.33	42	22	16.3	13.1	10.9	9.3
TX-6	40	0.20	26	13.2	9.9	7.9	6.6	5.7	40	0.30	38	19.8	14.9	11.9	9.9	8.5
TPTX6VS (50)	60	0.24	31	15.8	11.9	9.5	7.9	6.8	60	0.36	46	24	17.8	14.3	11.9	10.2
	75	0.27	35	17.8	13.4	10.7	8.9	7.6	75	0.40	51	26	19.8	15.8	13.2	11.3
	90	0.29	37	19.1	14.4	11.5	9.6	8.2	90	0.43	55	28	21	17.0	14.2	12.2
	120	0.33	42	22	16.3	13.1	10.9	9.3	120	0.50	64	33	25	19.8	16.5	14.1
TX-8	40	0.27	35	17.8	13.4	10.7	8.9	7.6	40	0.40	51	26	19.8	15.8	13.2	11.3
TPTX8VS (50)	60	0.32	41	21	15.8	12.7	10.6	9.1	60	0.49	63	32	24	19.4	16.2	13.9
	75	0.36	46	24	17.8	14.3	11.9	10.2	75	0.54	69	36	27	21	17.8	15.3
	90	0.39	50	26	19.3	15.4	12.9	11.0	90	0.59	76	39	29	23	19.5	16.7
	120	0.45	58	30	22	17.8	14.9	12.7	120	0.68	87	45	34	27	22	19.2
TX-10	40	0.33	42	22	16.3	13.1	10.9	9.3	40	0.50	64	33	25	19.8	16.5	14.1
TPTX10VS (50)	60	0.40	51	26	19.8	15.8	13.2	11.3	60	0.61	78	40	30	24	20	17.3
	75	0.45	58	30	22	17.8	14.9	12.7	75	0.68	87	45	34	27	22	19.2
	90	0.49	63	32	24	19.4	16.2	13.9	90	0.74	95	49	37	29	24	21
	120	0.56	72	37	28	22	18.5	15.8	120	0.85	109	56	42	34	28	24
TX-12	40	0.40	51	26	19.8	15.8	13.2	11.3	40	0.60	77	40	30	24	19.8	17.0
TPTX12VS (50)	60	0.49	63	32	24	19.4	16.2	13.9	60	0.73	93	48	36	29	24	21
	75	0.54	69	36	27	21	17.8	15.3	75	0.81	104	53	40	32	27	23
	90	0.59	76	39	29	23	19.5	16.7	90	0.88	113	58	44	35	29	25
	120	0.68	87	45	34	27	22	19.2	120	1.01	129	67	50	40	33	29
TX-18	40	0.60	77	40	30	24	19.8	17.0	40	0.90	115	59	45	36	30	25
TPTX18VS (50)	60	0.73	93	48	36	29	24	21	60	1.10	141	73	54	44	36	31
	75	0.82	105	54	41	32	27	23	75	1.23	157	81	61	49	41	35
	90	0.90	115	59	45	36	30	25	90	1.35	173	89	67	53	45	38
	120	1.03	132	68	51	41	34	29	120	1.55	198	102	77	61	51	44
TX-26	40	0.87	111	57	43	34	29	25	40	1.30	166	86	64	51	43	37
TPTX26VS (50)	60	1.06	136	70	52	42	35	30	60	1.59	204	105	79	63	52	45
	75	1.18	151	78	58	47	39	33	75	1.78	228	117	88	70	59	50
	90	1.30	166	86	64	51	43	37	90	1.94	248	128	96	77	64	55
	120	1.49	191	98	74	59	49	42	120	2.24	287	148	111	89	74	63



AI TeeJet®

Features:

- Stainless steel insert produces tapered edge flat spray pattern for uniform coverage in broadcast spraying.
- Polymer insert holder and pre-orifice with VisiFlo® color-coding.
- Larger droplets for less drift.
- Depending on the chemical, produces large air-filled drops through the use of Venturi air aspirator.
- Automatic spray alignment with CP114442-*CE Quick TeeJet® cap.

Air Induction Tips

PART	DESCRIPTION	PRICE (B)
TP110-015AIVS	Air Induction Tip 110°	19.80
TP110-02AIVS	Air Induction Tip 110°	19.80
TP110-025AIVS	Air Induction Tip 110°	19.80
TP110-03AIVS	Air Induction Tip 110°	19.80

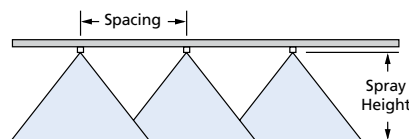
PART	DESCRIPTION	PRICE (B)
TP110-04AIVS	Air Induction Tip 110°	19.80
TP110-05AIVS	Air Induction Tip 110°	19.80
TP110-06AIVS	Air Induction Tip 110°	19.80
TP110-08AIVS	Air Induction Tip 110°	19.80



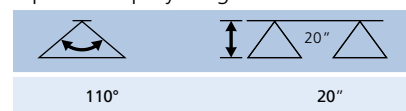
PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20°															
				GPA								GALLONS PER 1000 SQ. FT.							
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH				
30	UC	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18				
	XC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20				
	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	VC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
	VC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27				
	VC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29				
40	C	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31				
	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33				
	UC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	XC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27				
	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
	VC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33				
50	VC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	C	0.32	41	24	19.0	15.8	11.9	9.5	7.9	6.3	4.8	1.1	0.73	0.54	0.44				
	UC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
	XC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34				
60	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	XC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42				
	VC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45				
	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	VC	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52				
	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
70	UC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	XC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	XC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46				
	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50				
	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
	VC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57				
80	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	C	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.1	0.80	0.64				
	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
	XC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	XC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67				
90	VC	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72				
	VC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78				
	VC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	C	0.63	81	47	37	31	23	18.7	15.6	12.5	9.4	2.1	1.4	1.1	0.86				
	UC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58				
	XC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68				
100	XC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76				
	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83				
	VC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90				
	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97				
	VC	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0				
	C	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1				
30	UC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71				
	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	XC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91				
	XC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99				
	XC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1				
	VC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2				
40	VC	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2				
	VC	0.95	122	71	56	47	35	28	24	18.8	14.1	3.2	2.2	1.6	1.3				
	UC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94				
	UC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1				
	XC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2				
	XC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3				
50	XC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4				
	VC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5				
	VC	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6				
	VC	1.26	161	94	75	62	47	37	31	25	18.7	4.3	2.9	2.1	1.7				



Note: Due to the pre-orifice design, this tip is not compatible with the 4193A check valve tip strainer.



Optimum Spray Height





TeeJet®

TeeJet Off-Center spray tips are commonly installed in double and single swivel nozzle bodies. Because these bodies are adjustable for angular position, a wide spray swath is easily obtained.



Icon	PSI	CAPACITY ONE NOZZLE IN GPM	HEIGHT = 18"								HEIGHT = 24"			
			"W" IN INCHES	U.S. GPA				"W" IN INCHES	U.S. GPA					
				3 MPH	4 MPH	5 MPH	6 MPH		3 MPH	4 MPH	5 MPH	6 MPH		
TPOC01	30	0.087	58	3.0	2.2	1.8	1.5	65	2.7	2.0	1.6	1.3		
TPOC01SS (100)	40	0.10	60	3.3	2.5	2.0	1.7	67	3.0	2.2	1.8	1.5		
	60	0.12	62	3.8	2.9	2.3	1.9	69	3.4	2.6	2.1	1.7		
TPOC02	30	0.17	68	5.0	3.7	3.0	2.5	75	4.5	3.4	2.7	2.2		
TPOC02SS (50)	40	0.20	70	5.7	4.2	3.4	2.8	77	5.1	3.9	3.1	2.6		
	60	0.24	72	6.6	5.0	4.0	3.3	78	6.1	4.6	3.7	3.0		
TPOC03	30	0.26	77	6.7	5.0	4.0	3.3	80	6.4	4.8	3.9	3.2		
TPOC03SS (50)	40	0.30	80	7.4	5.6	4.5	3.7	83	7.2	5.4	4.3	3.6		
	60	0.37	82	8.9	6.7	5.4	4.5	85	8.6	6.5	5.2	4.3		
TPOC04	30	0.35	91	7.6	5.7	4.6	3.8	93	7.5	5.6	4.5	3.7		
TPOC04SS (50)	40	0.40	93	8.5	6.4	5.1	4.3	94	8.4	6.3	5.1	4.2		
	60	0.49	94	10.3	7.7	6.2	5.2	95	10.2	7.7	6.1	5.1		
TPOC06	30	0.52	99	10.4	7.8	6.2	5.2	108	9.5	7.2	5.7	4.8		
TPOC06SS (50)	40	0.60	101	11.8	8.8	7.1	5.9	110	10.8	8.1	6.5	5.4		
	60	0.73	102	14.2	10.6	8.5	7.1	111	13.0	9.8	7.8	6.5		
TPOC08	30	0.69	100	13.7	10.2	8.2	6.8	110	12.4	9.3	7.5	6.2		
TPOC08SS (50)	40	0.80	102	15.5	11.6	9.3	7.8	112	14.1	10.6	8.5	7.1		
	60	0.98	104	18.7	14.0	11.2	9.3	113	17.2	12.9	10.3	8.6		
TPOC12	30	1.04	102	20	15.1	12.1	10.1	113	18.2	13.7	10.9	9.1		
TPOC12SS (50)	40	1.20	104	23	17.1	13.7	11.4	115	21	15.5	12.4	10.3		
	60	1.47	105	28	21	16.6	13.9	116	25	18.8	15.1	12.5		
TPOC16	30	1.39	132	21	15.6	12.5	10.4	142	19.4	14.5	11.6	9.7		
TPOC16SS (50)	40	1.60	138	23	17.2	13.8	11.5	146	22	16.3	13.0	10.8		
	60	1.96	143	27	20	16.3	13.6	148	26	19.7	15.7	13.1		

PART	DESCRIPTION	PRICE (B)
TPOC-**	Off Center Brass Tip	17.00
TPOC-**SS	Off Center Stainless Steel Tip	25.10

TurfJet® Wide Angle Flat Fan Spray Nozzles

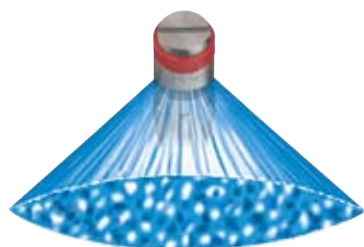


Features:

- Very large droplets – excellent for drift control and applying systemic products.
- Large orifice reduces clogging.
- Nozzle spacing – 20-40 inches (50-100 cm).
- Spraying pressure – 25-75 PSI (1.5-5 bar).
- Available in both Poly and Stainless.
- Use with QJ46761/4-90 QJ Adapter.

PART	DESCRIPTION	PRICE (B)
TP1/4TTJ-**VP	TurfJet Poly Nozzle	13.65
TP1/4TTJ-**VS	TurfJet Stainless Nozzle	26.40

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
—	EXCELLENT	EXCELLENT



Icon	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	40"								20"			
					GPA								GALLONS PER 1000 SQ. FT.			
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH
1/4TTJ02 (50)	25	XC	0.16	20	5.9	4.8	4.0	3.0	2.4	2.0	1.6	1.2	0.54	0.36	0.27	0.22
	30	XC	0.17	22	6.3	5.0	4.2	3.2	2.5	2.1	1.7	1.3	0.58	0.39	0.29	0.23
	40	XC	0.20	26	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.68	0.45	0.34	0.27
	50	XC	0.22	28	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.75	0.50	0.37	0.30
	60	XC	0.24	31	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.82	0.54	0.41	0.33
75	XC	0.27	35	10.0	8.0	6.7	5.0	4.0	3.3	2.7	2.0	0.92	0.61	0.46	0.37	
1/4TTJ04 (50)	25	XC	0.32	41	11.9	9.5	7.9	5.9	4.8	4.0	3.2	2.4	1.1	0.73	0.54	0.44
	30	XC	0.35	45	13.0	10.4	8.7	6.5	5.2	4.3	3.5	2.6	1.2	0.79	0.60	0.48
	40	XC	0.40	51	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	1.4	0.91	0.68	0.54
	50	XC	0.45	58	16.7	13.4	11.1	8.4	6.7	5.6	4.5	3.3	1.5	1.0	0.77	0.61
1/4TTJ05 (50)	60	XC	0.49	63	18.2	14.6	12.1	9.1	7.3	6.1	4.9	3.6	1.7	1.1	0.83	0.67
	75	XC	0.55	70	20	16.3	13.6	10.2	8.2	6.8	5.4	4.1	1.9	1.2	0.94	0.75
	25	XC	0.40	51	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	1.4	0.91	0.68	0.54
	30	XC	0.43	55	16.0	12.8	10.6	8.0	6.4	5.3	4.3	3.2	1.5	0.97	0.73	0.58
1/4TTJ06 (50)	40	XC	0.50	64	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	1.7	1.1	0.85	0.68
	50	XC	0.56	72	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	1.9	1.3	0.95	0.76
	60	XC	0.61	78	23	18.1	15.1	11.3	9.1	7.5	6.0	4.5	2.1	1.4	1.0	0.83
	75	XC	0.68	87	25	20	16.8	12.6	10.1	8.4	6.7	5.0	2.3	1.5	1.2	0.92
1/4TTJ08	25	XC	0.47	60	17.4	14.0	11.6	8.7	7.0	5.8	4.7	3.5	1.6	1.1	0.80	0.64
	30	XC	0.52	67	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	1.8	1.2	0.88	0.71
	40	XC	0.60	77	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	2.0	1.4	1.0	0.82
	50	XC	0.67	86	25	19.9	16.6	12.4	9.9	8.3	6.6	5.0	2.3	1.5	1.1	0.91
	60	XC	0.73	93	27	22	18.1	13.6	10.8	9.0	7.2	5.4	2.5	1.7	1.2	0.99
1/4TTJ10	75	XC	0.82	105	30	24	20	15.2	12.2	10.1	8.1	6.1	2.8	1.9	1.4	1.1
	25	XC	0.63	81	23	18.7	15.6	11.7	9.4	7.8	6.2	4.7	2.1	1.4	1.1	0.86
	30	XC	0.69	88	26	20	17.1	12.8	10.2	8.5	6.8	5.1	2.3	1.6	1.2	0.94
	40	XC	0.80	102	30	24	19.8	14.9	11.9	9.9	7.9	5.9	2.7	1.8	1.4	1.1
	50	XC	0.89	114	33	26	22	16.5	13.2	11.0	8.8	6.6	3.0	2.0	1.5	1.2
1/4TTJ15	60	XC	0.98	125	36	29	24	18.2	14.6	12.1	9.7	7.3	3.3	2.2	1.7	1.3
	75	XC	1.10	141	41	33	27	20	16.3	13.6	10.9	8.2	3.7	2.5	1.9	1.5
	25	XC	0.79	101	29	23	19.6	14.7	11.7	9.8	7.8	5.9	2.7	1.8	1.3	1.1
	30	XC	0.87	111	32	26	22	16.1	12.9	10.8	8.6	6.5	3.0	2.0	1.5	1.2
	40	XC	1.00	128	37	30	25	18.6	14.9	12.4	9.9	7.4	3.4	2.3	1.7	1.4
1/4TTJ15	50	XC	1.12	143	42	33	28	21	16.6	13.9	11.1	8.3	3.8	2.5	1.9	1.5
	60	XC	1.22	156	45	36	30	23	18.1	15.1	12.1	9.1	4.1	2.8	2.1	1.7
	75	XC	1.37	175	51	41	34	25	20	17.0	13.6	10.2	4.7	3.1	2.3	1.9
	25	XC	1.19	152	44	35	29	22	17.7	14.7	11.8	8.8	4.0	2.7	2.0	1.6
	30	XC	1.30	166	48	39	32	24	19.3	16.1	12.9	9.7	4.4	2.9	2.2	1.8
1/4TTJ15	40	XC	1.50	192	56	45	37	28	22	18.6	14.9	11.1	5.1	3.4	2.6	2.0
	50	XC	1.68	215	62	50	42	31	25	21	16.6	12.5	5.7	3.8	2.9	2.3
	60	XC	1.84	236	68	55	46	34	27	23	18.2	13.7	6.3	4.2	3.1	2.5
75	XC	2.05	262	76	61	51	38	30	25	20	15.2	7.0	4.6	3.5	2.8	