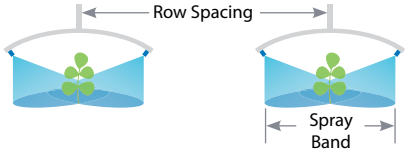
AI TeeJet® AIR INDUCTION EVEN FLAT SPRAY

Typical Applications

HERBICIDE	FUNGICIDE	INSECTICIDE	DRIFT CONTROL
SOIL APPLIED	SYSTEMIC	SYSTEMIC	EXCELLENT
VERY GOOD	GOOD	VERY GOOD	
SYSTEMIC			
EXCELLENT			

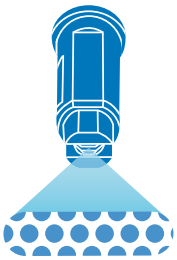
FEATURES

- Non-tapered flat spray pattern with a 65° or 95° angle providing even coverage without overlapping.
- Air-induction spray tip producing large air-filled droplets through the use of a Venturi air aspirator.
- Ideal for banding over the row or in row middles.
- Available with stainless steel insert, polymer holder and pre-orifice with VisiFlo® color-coding in eight capacities for the AI95° and six capacities for the AI65°.



- Automatic spray aligment with 114443A-*-CELR Quick TeeJet cap and gasket. Reference page 118 for more information.

SPRAY PATTERN



DROPLET SIZE CLASSIFICATION

C	VC	XC	UC
Coarse	Very Coarse	Extremely Coarse	Ultra Coarse

OPTIMUM SPRAY HEIGHT

	HEIGHT		GPA CONVERSION FACTORS	
	65°	95°	20"	30"
8"	6"	4"	2.50	3.75
10"	8"	5"	2.00	3.00
12"	9"	5"	1.67	2.50
15"	12"	7"	1.33	2.00

To find GPA on the spray band, multiply the tabulated l/ha from the following page for row spacing by the conversion factors above.

Example:

- Band Width = 8" (Conversion Factor = 3.75)
- AI95015EVS at 40 PSI at 5 MPH – 5.9 GPA
- Corrected GPA = 5.9 x 3.75 = 22.1 GPA

RECOMMENDED PRESSURE RANGE

30–115 PSI

MATERIALS AVAILABLE

VS STAINLESS STEEL

HOW TO ORDER

Polymer with VisiFlo color-coding

A I 9 5 0 4 E V S

- A I: Tip Type
- 9 5: Spray Pattern
- 0 4: Capacity Size
- E: Material Code
- V S: Material Code

AIR INDUCTION EVEN FLAT SPRAY

TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE 65°	DROP SIZE 95°	CAPACITY ONE TIP IN GPM	CAPACITY ONE TIP IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING 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
AI95015EVS (100)	30		M	0.13	17	8.6	7.4	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2	3.0
	40		C	0.15	19	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.5
	50		C	0.17	22	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	60		C	0.18	23	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5	4.2
	70		C	0.20	26	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7
	80		C	0.21	27	13.9	11.9	10.4	9.2	8.3	7.6	6.9	6.4	5.9	5.5	5.2	4.9
	90		C	0.23	29	15.2	13.0	11.4	10.1	9.1	8.3	7.6	7.0	6.5	6.1	5.7	5.4
	100		C	0.24	31	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
AI6502EVS AI9502EVS (50)	30	UC	XC	0.17	22	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	40	XC	XC	0.20	26	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7
	50	XC	VC	0.22	28	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
	60	VC	VC	0.24	31	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
	70	VC	VC	0.26	33	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
	80	VC	C	0.28	36	18.5	15.8	13.9	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5
	90	VC	C	0.30	38	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
	100	C	C	0.32	41	21	18.1	15.8	14.1	12.7	11.5	10.6	9.7	9.1	8.4	7.9	7.5
AI65025EVS AI95025EVS (50)	30	UC	XC	0.22	28	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
	40	XC	XC	0.25	32	16.5	14.1	12.4	11.0	9.9	9.0	8.3	7.6	7.1	6.6	6.2	5.8
	50	XC	VC	0.28	36	18.5	15.8	13.9	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5
	60	VC	VC	0.31	40	20	17.5	15.3	13.6	12.3	11.2	10.2	9.4	8.8	8.2	7.7	7.2
	70	VC	VC	0.33	42	22	18.7	16.3	14.5	13.1	11.9	10.9	10.1	9.3	8.7	8.2	7.7
	80	VC	C	0.35	45	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
	90	VC	C	0.38	49	25	21	18.8	16.7	15.0	13.7	12.5	11.6	10.7	10.0	9.4	8.9
	100	VC	C	0.40	51	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
AI6503EVS AI9503EVS (50)	30	UC	XC	0.26	33	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
	40	XC	XC	0.30	38	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
	50	XC	VC	0.34	44	22	19.2	16.8	15.0	13.5	12.2	11.2	10.4	9.6	9.0	8.4	7.9
	60	VC	VC	0.37	47	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6
	70	VC	VC	0.40	51	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
	80	VC	C	0.42	54	28	24	21	18.5	16.6	15.1	13.9	12.8	11.9	11.1	10.4	9.8
	90	VC	C	0.45	58	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
	100	VC	C	0.47	60	31	27	23	21	18.6	16.9	15.5	14.3	13.3	12.4	11.6	10.9
AI6504EVS AI9504EVS (50)	30	UC	XC	0.35	45	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
	40	XC	XC	0.40	51	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
	50	XC	VC	0.45	58	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
	60	VC	VC	0.49	63	32	28	24	22	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4
	70	VC	VC	0.53	68	35	30	26	23	21	19.1	17.5	16.1	15.0	14.0	13.1	12.3
	80	VC	C	0.57	73	38	32	28	25	23	21	18.8	17.4	16.1	15.0	14.1	13.3
	90	C	C	0.60	77	40	34	30	26	24	22	19.8	18.3	17.0	15.8	14.9	14.0
	100	C	C	0.63	81	42	36	31	28	25	23	21	19.2	17.8	16.6	15.6	14.7
AI6505EVS AI9505EVS (50)	30	UC	XC	0.43	55	28	24	21	18.9	17.0	15.5	14.2	13.1	12.2	11.4	10.6	10.0
	40	XC	XC	0.50	64	33	28	25	22	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6
	50	XC	VC	0.56	72	37	32	28	25	22	20	18.5	17.1	15.8	14.8	13.9	13.0
	60	XC	VC	0.61	78	40	35	30	27	24	22	20	18.6	17.3	16.1	15.1	14.2
	70	VC	VC	0.66	84	44	37	33	29	26	24	22	20	18.7	17.4	16.3	15.4
	80	VC	VC	0.71	91	47	40	35	31	28	26	23	22	20	18.7	17.6	16.5
	90	VC	C	0.75	96	50	42	37	33	30	27	25	23	21	19.8	18.6	17.5
	100	VC	C	0.79	101	52	45	39	35	31	28	26	24	22	21	19.6	18.4
AI6506EVS AI9506EVS (50)	30	UC	UC	0.52	67	34	29	26	23	21	18.7	17.2	15.8	14.7	13.7	12.9	12.1
	40	XC	XC	0.60	77	40	34	30	26	24	22	19.8	18.3	17.0	15.8	14.9	14.0
	50	XC	XC	0.67	86	44	38	33	29	27	24	22	20	19.0	17.7	16.6	15.6
	60	XC	VC	0.73	93	48	41	36	32	29	26	24	22	21	19.3	18.1	17.0
	70	XC	VC	0.79	101	52	45	39	35	31	28	26	24	22	21	19.6	18.4
	80	VC	VC	0.85	109	56	48	42	37	34	31	28	26	24	22	21	19.8
	90	VC	VC	0.90	115	59	51	45	40	36	32	30	27	25	24	22	21
	100	VC	C	0.95	122	63	54	47	42	38	34	31	29	27	25	24	22
AI9508EVS (50)	30		UC	0.69	88	46	39	34	30	27	25	23	21	19.5	18.2	17.1	16.1
	40		XC	0.80	102	53	45	40	35	32	29	26	24	23	21	19.8	18.6
	50		XC	0.89	114	59	50	44	39	35	32	29	27	25	23	22	21
	60		VC	0.98	125	65	55	49	43	39	35	32	30	28	26	24	23
	70		VC	1.06	136	70	60	52	47	42	38	35	32	30	28	26	25
	80		VC	1.13	145	75	64	56	50	45	41	37	34	32	30	28	26
	90		VC	1.20	154	79	68	59	53	48	43	40	37	34	32	30	28
	100		C	1.26	161	83	71	62	55	50	45	42	38	36	33	31	29

Note: Always double check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F. See technical information (pages 179–202) for droplet size classification, useful formulas and other technical information.

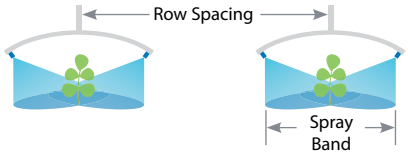
DG TeeJet® DRIFT GUARD EVEN FLAT SPRAY

Typical Applications

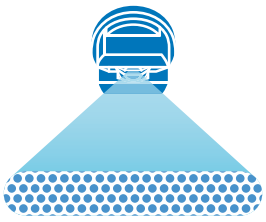
HERBICIDE	FUNGICIDE	INSECTICIDE	DRIFT CONTROL
SOIL APPLIED	SYSTEMIC	SYSTEMIC	
EXCELLENT	GOOD	GOOD	VERY GOOD
SYSTEMIC			
EXCELLENT			

FEATURES

- Non-tapered flat spray pattern with a 95° angle providing even coverage without overlapping.
- Pre-orifice design produces large droplets to reduce drift.
- Ideal for soil applied and systemic herbicide applications.
- Ideal for banding over the row or in row middles.
- Available with stainless steel insert, polymer holder and pre-orifice with VisiFlo color-coding in five capacities.
- Automatic spray aligment with 114441A-*-CELR Quick TeeJet® cap and gasket.



SPRAY PATTERN



DROPLET SIZE CLASSIFICATION

F	M	C
Fine	Medium	Coarse

OPTIMUM SPRAY HEIGHT

	HEIGHT	GPA CONVERSION FACTORS	
	95°	20"	30"
8"	4"	2.50	3.75
10"	5"	2.00	3.00
12"	5"	1.67	2.50
15"	7"	1.33	2.00

To find GPA on the spray band, multiply the tabulated GPA from the following page for row spacing by the conversion factors above.

Example:
- Band Width = 8" (Conversion Factor = 3.75)
- DG95015EVS at 40 PSI at 5 MPH – 5.9 GPA
- Corrected GPA = 5.9 x 3.75 = 22.1 GPA

RECOMMENDED PRESSURE RANGE

30–60 PSI

MATERIALS AVAILABLE

VS STAINLESS STEEL

HOW TO ORDER

Stainless Steel with VisiFlo® color-coding

D G 9 5 0 1 5 E V S

- DG — Tip Type
- 95 — Spray Pattern
- 015 — Capacity Size
- E — Material Code
- VS — Stainless Steel

DRIFT GUARD EVEN FLAT SPRAY

TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE	CAPACITY ONE TIP IN GPM	CAPACITY ONE TIP IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING											
					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
DG95015EVS (100)	30	M	0.13	17	8.6	7.4	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2	3.0
	40	M	0.15	19	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.5
	50	F	0.17	22	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	60	F	0.18	23	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5	4.2
DG9502EVS (50)	30	M	0.17	22	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	40	M	0.20	26	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7
	50	M	0.22	28	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
	60	M	0.24	31	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
DG9503EVS (50)	30	M	0.26	33	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
	40	M	0.30	38	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
	50	M	0.34	44	22	19.2	16.8	15.0	13.5	12.2	11.2	10.4	9.6	9.0	8.4	7.9
	60	M	0.37	47	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6
DG9504EVS (50)	30	C	0.35	45	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
	40	M	0.40	51	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
	50	M	0.45	58	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
	60	M	0.49	63	32	28	24	22	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4
DG9505EVS (50)	30	C	0.43	55	28	24	21	18.9	17.0	15.5	14.2	13.1	12.2	11.4	10.6	10.0
	40	C	0.50	64	33	28	25	22	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6
	50	M	0.56	72	37	32	28	25	22	20	18.5	17.1	15.8	14.8	13.9	13.0
	60	M	0.61	78	40	35	30	27	24	22	20	18.6	17.3	16.1	15.1	14.2

Note: Always double check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F. See technical information (pages 179–202) for droplet size classification, useful formulas and other technical information.

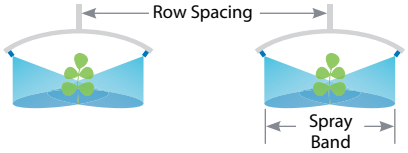
EVEN FLAT SPRAY

Typical Applications

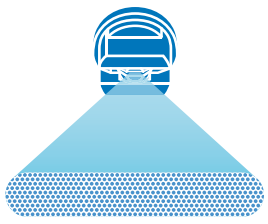
HERBICIDE	FUNGICIDE	INSECTICIDE	DRIFT CONTROL
SOIL APPLIED	CONTACT	CONTACT	
EXCELLENT	EXCELLENT	EXCELLENT	GOOD
CONTACT	SYSTEMIC	SYSTEMIC	
VERY GOOD	GOOD	GOOD	
SYSTEMIC			
GOOD			

FEATURES

- Non-tapered flat spray pattern providing even coverage without overlapping.
- Ideal for banding over the row or in row middles.
- Available with VisiFlo® color-coding in stainless steel or all stainless steel, hardened stainless steel and brass even pattern in 30°, 40°, 65°, 80°, 95°, and 110°.
- Automatic spray aligment with 114441A-*-CELR Quick TeeJet cap and gasket.



SPRAY PATTERN



DROPLET SIZE CLASSIFICATION

VF	F	M	C	VC
Very Fine	Fine	Medium	Coarse	Very Coarse

OPTIMUM SPRAY HEIGHT

	HEIGHT					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

To find GPA on the spray band, multiply the tabulated GPA from the following page for row spacing by the conversion factors above.

Example:
- Band Width = 8" (Conversion Factor = 3.75)
- TP80015EVS at 40 PSI at 5 MPH – 5.9 GPA
- Corrected GPA = 5.9 x 3.75 = 22.1 GPA

RECOMMENDED PRESSURE RANGE

30–60 PSI

MATERIALS AVAILABLE

- VS STAINLESS STEEL
- B BRASS
- SS STAINLESS STEEL
- HSS HARDENED STAINLESS STEEL

EVEN FLAT SPRAY

TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE 80°	CAPACITY ONE TIP IN GPM	APPLICATION RATE FOR 30" SPRAY TIP SPACING											
				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† TP6501E†	30	F	0.087	5.7	4.9	4.3	3.8	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2.0
	40	F	0.10	6.6	5.7	5.0	4.4	4.0	3.6	3.3	3.0	2.8	2.6	2.5	2.3
TP8001E TP9501E (100)	50	F	0.11	7.3	6.2	5.4	4.8	4.4	4.0	3.6	3.4	3.1	2.9	2.7	2.6
	60	VF	0.12	7.9	6.8	5.9	5.3	4.8	4.3	4.0	3.7	3.4	3.2	3.0	2.8
TP40015E† TP65015E†	30	F	0.13	8.6	7.4	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2	3.0
	40	F	0.15	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.5
TP80015E TP95015E (100)	50	F	0.17	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	60	F	0.18	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5	4.2
TP4002E† TP6502E†	30	F	0.17	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	40	F	0.20	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7
TP8002E TP9502E (50)	50	F	0.22	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
	60	F	0.24	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
TP4003E† TP6503E†	30	M	0.26	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
	40	F	0.30	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
TP8003E TP9503E (50)	50	F	0.34	22	19.2	16.8	15.0	13.5	12.2	11.2	10.4	9.6	9.0	8.4	7.9
	60	F	0.37	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6
TP4004E† TP6504E†	30	M	0.35	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
	40	M	0.40	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
TP8004E TP9504E (50)	50	M	0.45	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
	60	F	0.49	32	28	24	22	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4
TP4005E† TP6505E†	30	M	0.43	28	24	21	18.9	17.0	15.5	14.2	13.1	12.2	11.4	10.6	10.0
	40	M	0.50	33	28	25	22	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6
TP8005E TP9505E (50)	50	M	0.56	37	32	28	25	22	20	18.5	17.1	15.8	14.8	13.9	13.0
	60	M	0.61	40	35	30	27	24	22	20	18.6	17.3	16.1	15.1	14.2
TP4006E† TP6506E†	30	C	0.52	34	29	26	23	21	18.7	17.2	15.8	14.7	13.7	12.9	12.1
	40	M	0.60	40	34	30	26	24	22	19.8	18.3	17.0	15.8	14.9	14.0
TP8006E TP9506E (50)	50	M	0.67	44	38	33	29	27	24	22	20	19.0	17.7	16.6	15.6
	60	M	0.73	48	41	36	32	29	26	24	22	21	19.3	18.1	17.0
TP6508E† TP11008E†	30	C	0.69	46	39	34	30	27	25	23	21	19.5	18.2	17.1	16.1
	40	C	0.80	53	45	40	35	32	29	26	24	23	21	19.8	18.6
TP8008E TP9508E (50)	50	M	0.89	59	50	44	39	35	32	29	27	25	23	22	21
	60	M	0.98	65	55	49	43	39	35	32	30	28	26	24	23
TP4010E† TP6510E† TP8010E† TP11010E† (24)	30	VC	0.87	57	49	43	38	34	31	29	27	25	23	22	20
	40	C	1.00	66	57	50	44	40	36	33	30	28	26	25	23
	50	C	1.12	74	63	55	49	44	40	37	34	32	30	28	26
	60	C	1.22	81	69	60	54	48	44	40	37	35	32	30	28
TP6515E† TP8015E† TP11015E†	30	VC	1.30	86	74	64	57	51	47	43	40	37	34	32	30
	40	VC	1.50	99	85	74	66	59	54	50	46	42	40	37	35
	50	C	1.68	111	95	83	74	67	60	55	51	48	44	42	39
	60	C	1.84	121	104	91	81	73	66	61	56	52	49	46	43

Note: Always double check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F. See technical information (pages 179–202) for droplet size classification, useful formulas and other technical information.

†Available in brass and/or stainless steel and/or hardened stainless steel.

HOW TO ORDER

Stainless Steel with VisiFlo color-coding

T P 8 0 0 2 E V S

Tip Type | Capacity Size | Material Code | Spray Pattern

Brass

T P 8 0 0 2 E

Tip Type | Capacity Size | Spray Pattern

Stainless Steel

T P 8 0 0 2 E - S S

Tip Type | Capacity Size | Material Code | Spray Pattern

Hardened Stainless Steel

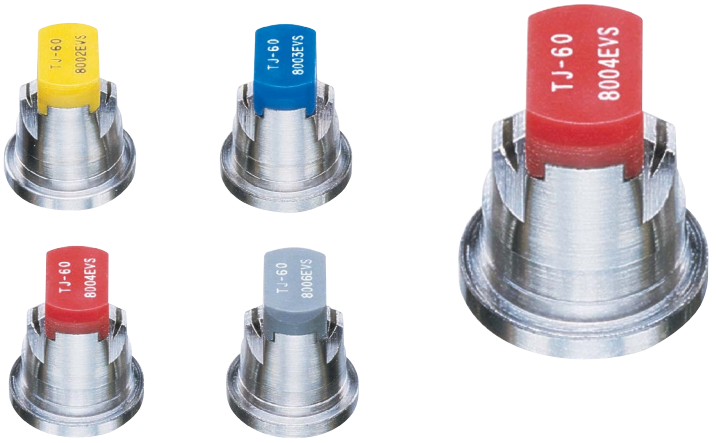
T P 8 0 0 2 E - H S S

Tip Type | Capacity Size | Material Code | Spray Pattern

TwinJet® EVEN FLAT SPRAY

Typical Applications

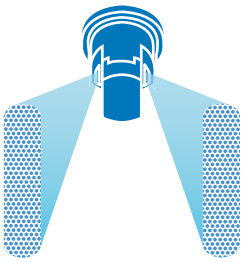
HERBICIDE	FUNGICIDE	INSECTICIDE
CONTACT	CONTACT	CONTACT
VERY GOOD	VERY GOOD	VERY GOOD



FEATURES

- Non-tapered TwinJet flat spray pattern providing even coverage without overlapping.
- The twin flat sprays provide improved coverage and penetration of crop or weeds.
- Fine to medium droplet size is ideal when smaller droplets are necessary for contact products, as herbicides, insecticides, and fungicides.
- Ideal for banding over the row or in row middles.
- Available in stainless steel with VisiFlo® color-coding in 40° and 80° spray angles in four capacities.
- Automatic spray alignment with 114443A-*-CELR Quick TeeJet® cap and gasket. See page 118 for more information.

SPRAY PATTERN



DROPLET SIZE CLASSIFICATION

F Fine **M** Medium

OPTIMUM SPRAY HEIGHT

	HEIGHT		GPA CONVERSION FACTORS	
	40°	80°	20"	30"
8"	11"	5"	2.50	3.75
10"	14"	6"	2.00	3.00
12"	16"	7"	1.67	2.50
15"	21"	9"	1.33	2.00

To find GPA on the spray band, multiply the tabulated GPA from the following page for row spacing by the conversion factors above.

Example:
- Band Width = 8" (Conversion Factor = 3.75)
- TJ60-4002EVS at 40 PSI at 5 MPH – 7.9 GPA
- Corrected GPA = 7.9 x 3.75 = 29.6 GPA

RECOMMENDED PRESSURE RANGE

30–60 PSI

MATERIALS AVAILABLE

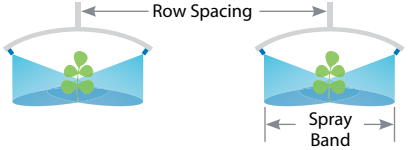
VS STAINLESS STEEL

HOW TO ORDER

Stainless Steel with VisiFlo color-coding

T J 6 0 - 4 0 0 2 E V S

Tip Type	Spray Angle	Capacity Size	Spray Pattern	Material Code
TJ60	40°	02	E	VS



TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE 80°	CAPACITY ONE TIP IN GPM	CAPACITY ONE TIP IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING											
					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
TJ60-4002EVS TJ60-8002EVS (100)	30	F	0.17	22	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	40	F	0.20	26	13.2	11.3	9.9	8.8	7.9	7.5	6.6	6.1	5.7	5.3	5.0	4.7
	50	F	0.22	28	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
	60	F	0.24	31	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
TJ60-4003EVS TJ60-8003EVS (100)	30	F	0.26	33	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
	40	F	0.30	38	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
	50	F	0.34	44	22	19.2	16.8	15.0	13.5	12.2	11.2	10.4	9.6	9.0	8.4	7.9
	60	F	0.37	47	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6
TJ60-4004EVS TJ60-8004EVS (50)	30	F	0.35	45	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
	40	F	0.40	51	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
	50	F	0.45	58	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
	60	F	0.49	63	32	28	24	22	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4
TJ60-8006EVS (50)	30	M	0.53	67	34	29	26	23	21	18.7	17.2	15.8	14.7	13.7	12.9	12.1
	40	M	0.60	77	40	34	30	26	24	22	19.8	18.3	17.0	15.8	14.9	14.0
	50	F	0.67	86	44	38	33	29	27	24	22	20	19.0	17.7	16.6	15.6
	60	F	0.73	93	48	41	36	32	29	26	24	22	21	19.3	18.1	17.0

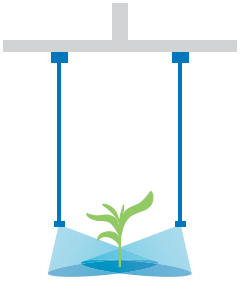
Note: Always double check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F. See technical information (pages 179–202) for droplet size classification, useful formulas and other technical information.

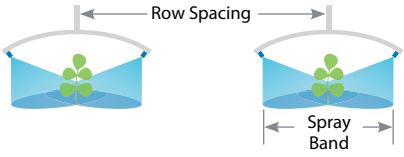
Typical Applications

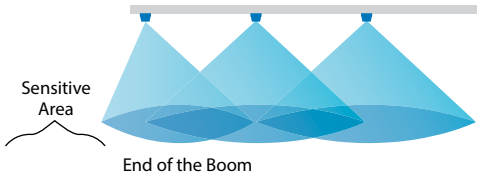
HERBICIDE	INSECTICIDE	FERTILIZER	DRIFT CONTROL
CONTACT	SYSTEMIC	BANDING	
GOOD	GOOD	EXCELLENT	EXCELLENT
SYSTEMIC			
EXCELLENT			

FEATURES

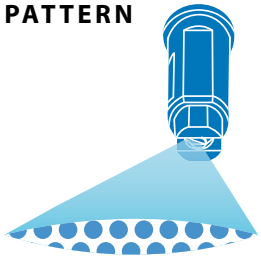
- Air-Induction Spray tip producing large air-filled droplets through the use of a Venturi air aspirator.
- Off-center spray pattern with flat spray characteristics.
- 85° spray angle.
- Underleaf banding of pesticides or liquid fertilizers.
- Used at the end of the spray boom around the perimeter of the field to protect sensitive areas.
- Available with stainless steel insert, polymer holder and pre-orifice with VisiFlo® color-coding in four capacities.
- Automatic spray aligment with 114443A-*-CELR Quick TeeJet cap and gasket. See page 118 for more information.







SPRAY PATTERN



DROPLET SIZE CLASSIFICATION

C	VC	XC	UC
Coarse	Very Coarse	Extremely Coarse	Ultra Coarse

RECOMMENDED PRESSURE RANGE

30–115 PSI

MATERIALS AVAILABLE

VS STAINLESS STEEL

HOW TO ORDER

Stainless Steel with VisiFlo color-coding

A I U B	8 5	0 2 5	V S
Tip Type	Spray Angle	Capacity Size	Material Code

BANDING & DIRECTED SPRAY

TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE	CAPACITY ONE TIP IN GPM	CAPACITY ONE TIP IN OZ/MIN	APPLICATION RATE FOR 20" SPRAY TIP SPACING						APPLICATION RATE FOR 30" SPRAY TIP SPACING					
					3 MPH	4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	3 MPH	4 MPH	5 MPH	6 MPH	7 MPH	8 MPH
AIUB8502 (50)	30	UC	0.17	22	16.8	12.6	10.1	8.4	7.2	6.3	11.2	8.4	6.7	5.6	4.8	4.2
	40	XC	0.20	26	19.8	14.9	11.9	9.9	8.5	7.4	13.2	9.9	7.9	6.6	5.7	5.0
	50	XC	0.22	28	22	16.3	13.1	10.9	9.3	8.2	14.5	10.9	8.7	7.3	6.2	5.4
	60	VC	0.24	31	24	17.8	14.3	11.9	10.2	8.9	15.8	11.9	9.5	7.9	6.8	5.9
	70	VC	0.26	33	26	19.3	15.4	12.9	11.0	9.7	17.2	12.9	10.3	8.6	7.4	6.4
	80	VC	0.28	36	28	21	16.6	13.9	11.9	10.4	18.5	13.9	11.1	9.2	7.9	6.9
	90	C	0.30	38	30	22	17.8	14.9	12.7	11.1	19.8	14.9	11.9	9.9	8.5	7.4
	100	C	0.32	41	32	24	19.0	15.8	13.6	11.9	21	15.8	12.7	10.6	9.1	7.9
AIUB85025 (50)	30	XC	0.22	28	22	16.3	13.1	10.9	9.3	8.2	14.5	10.9	8.7	7.3	6.2	5.4
	40	XC	0.25	32	25	18.6	14.9	12.4	10.6	9.3	16.5	12.4	9.9	8.3	7.1	6.2
	50	VC	0.28	36	28	21	16.6	13.9	11.9	10.4	18.5	13.9	11.1	9.2	7.9	6.9
	60	VC	0.31	40	31	23	18.4	15.3	13.2	11.5	20	15.3	12.3	10.2	8.8	7.7
	70	VC	0.33	42	33	25	19.6	16.3	14.0	12.3	22	16.3	13.1	10.9	9.3	8.2
	80	C	0.35	45	35	26	21	17.3	14.9	13.0	23	17.3	13.9	11.6	9.9	8.7
	90	C	0.38	49	38	28	23	18.8	16.1	14.1	25	18.8	15.0	12.5	10.7	9.4
	100	C	0.40	51	40	30	24	19.8	17.0	14.9	26	19.8	15.8	13.2	11.3	9.9
AIUB8503 (50)	30	XC	0.26	33	26	19.3	15.4	12.9	11.0	9.7	17.2	12.9	10.3	8.6	7.4	6.4
	40	XC	0.30	38	30	22	17.8	14.9	12.7	11.1	19.8	14.9	11.9	9.9	8.5	7.4
	50	VC	0.34	44	34	25	20	16.8	14.4	12.6	22	16.8	13.5	11.2	9.6	8.4
	60	VC	0.37	47	37	27	22	18.3	15.7	13.7	24	18.3	14.7	12.2	10.5	9.2
	70	VC	0.40	51	40	30	24	19.8	17.0	14.9	26	19.8	15.8	13.2	11.3	9.9
	80	C	0.42	54	42	31	25	21	17.8	15.6	28	21	16.6	13.9	11.9	10.4
	90	C	0.45	58	45	33	27	22	19.1	16.7	30	22	17.8	14.9	12.7	11.1
	100	C	0.47	60	47	35	28	23	19.9	17.4	31	23	18.6	15.5	13.3	11.6
AIUB8504 (50)	30	XC	0.35	45	35	26	21	17.3	14.9	13.0	23	17.3	13.9	11.6	9.9	8.7
	40	XC	0.40	51	40	30	24	19.8	17.0	14.9	26	19.8	15.8	13.2	11.3	9.9
	50	VC	0.45	58	45	33	27	22	19.1	16.7	30	22	17.8	14.9	12.7	11.1
	60	VC	0.49	63	49	36	29	24	21	18.2	32	24	19.4	16.2	13.9	12.1
	70	VC	0.53	68	52	39	31	26	22	19.7	35	26	21	17.5	15.0	13.1
	80	C	0.57	73	56	42	34	28	24	21	38	28	23	18.8	16.1	14.1
	90	C	0.60	77	59	45	36	30	25	22	40	30	24	19.8	17.0	14.9
	100	C	0.63	81	62	47	37	31	27	23	42	31	25	21	17.8	15.6

Note: Always double check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F. See technical information (pages 179–202) for droplet size classification, useful formulas and other technical information.

UB – UNDERLEAF BANDING SPRAY

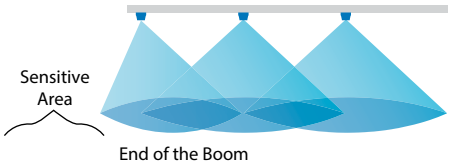
FEATURES

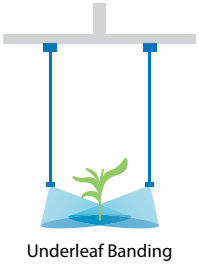
- Off-center tip with tapered flat spray characteristics.
- 85° spray angle.
- Available in brass or stainless steel.
- Operating pressure 20–60 PSI.
- Uniform distribution.
- Capacities of 0075 to 04.

MATERIALS AVAILABLE

SS STAINLESS STEEL

B BRASS





TIP PART NO. (STRAINER MESH SIZE)	PSI	CAPACITY TWO TIPS IN GPM	CAPACITY TWO TIPS IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING (TWO SPRAY TIPS PER ROW)										
				2 MPH	2.5 MPH	3 MPH	3.5 MPH	4MPH	4.5MPH	5 MPH	5.5 MPH	6 MPH	6.5 MPH	7 MPH
D25143-UB-850075 (100)	20	0.11	14	10.9	8.7	7.3	6.2	5.4	4.8	4.4	4.0	3.6	3.4	3.1
	30	0.13	17	12.9	10.3	8.6	7.4	6.4	5.7	5.1	4.7	4.3	4.0	3.7
	40	0.15	19	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2
	50	0.17	22	16.8	13.5	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8
	60	0.18	23	17.8	14.3	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1
D25143-UB-8501 (100)	20	0.14	18	13.9	11.1	9.2	7.9	6.9	6.2	5.5	5.0	4.6	4.3	4.0
	30	0.17	22	16.8	13.5	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8
	40	0.20	26	19.8	15.8	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7
	50	0.22	28	22	17.4	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2
	60	0.24	31	24	19.0	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8
D25143-UB-85015 (80)	20	0.21	27	21	16.6	13.9	11.9	10.4	9.2	8.3	7.6	6.9	6.4	5.9
	30	0.26	33	26	21	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4
	40	0.30	38	30	24	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5
	50	0.34	44	34	27	22	19.2	16.8	15.0	13.5	12.2	11.2	10.4	9.6
	60	0.37	47	37	29	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5
D25143-UB-8502 (50)	20	0.28	36	28	22	18.5	15.8	13.9	12.3	11.1	10.1	9.2	8.5	7.9
	30	0.35	45	35	28	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9
	40	0.40	51	40	32	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3
	50	0.45	58	45	36	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7
	60	0.49	63	49	39	32	28	24	22	19.4	17.6	16.2	14.9	13.9
D25143-UB-8503 (50)	20	0.42	54	42	33	28	24	21	18.5	16.6	15.1	13.9	12.8	11.9
	30	0.52	67	51	41	34	29	26	23	21	18.7	17.2	15.8	14.7
	40	0.60	77	59	48	40	34	30	26	24	22	19.8	18.3	17.0
	50	0.67	86	66	53	44	38	33	29	27	24	22	20	19.0
	60	0.73	93	72	58	48	41	36	32	29	26	24	22	21
D25143-UB-8504 (50)	20	0.57	73	56	45	38	32	28	25	23	21	18.8	17.4	16.1
	30	0.69	88	68	55	46	39	34	30	27	25	23	21	19.5
	40	0.80	102	79	63	53	45	40	35	32	29	26	24	23
	50	0.89	114	88	70	59	50	44	39	35	32	29	27	25
	60	0.98	125	97	78	65	55	49	43	39	35	32	30	28

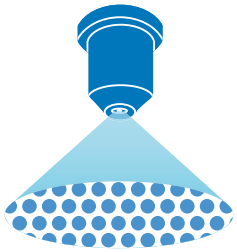
Note: Always double check your application rates. Tabulations are based on spraying water at 70°F.
See technical information (pages 179–202) for useful formulas and other technical information.

FULL CONE SPRAY

FEATURES

- Provides coarse spray with full cone pattern.
- Used frequently for tobacco plant sucker control.

SPRAY PATTERN



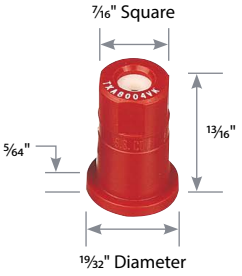
Three Spray Tips
Per Row Spacing

TIP PART NO.	PSI	CAPACITY ONE TIP IN GPM	CAPACITY ONE TIP IN OZ/MIN	APPLICATION RATE FOR 48" SPRAY TIP SPACING (THREE SPRAY TIPS PER ROW)							
				2 MPH	2.5 MPH	3 MPH	3.5 MPH	4MPH	4.5MPH	5 MPH	5.5 MPH
TG-1	20	0.14	18	26	21	17.3	14.9	13.0	11.6	10.4	9.5
	30	0.16	20	30	24	19.8	17.0	14.9	13.2	11.9	10.8
	40	0.19	24	35	28	24	20	17.6	15.7	14.1	12.8
	60	0.23	29	43	34	28	24	21	19.0	17.1	15.5
TG-2	20	0.28	36	52	42	35	30	26	23	21	18.9
	30	0.33	42	61	49	41	35	31	27	25	22
	40	0.38	49	71	56	47	40	35	31	28	26
	60	0.46	59	85	68	57	49	43	38	34	31
TG-3	20	0.41	52	76	61	51	43	38	34	30	28
	30	0.50	64	93	74	62	53	46	41	37	34
	40	0.57	73	106	85	71	60	53	47	42	38
	60	0.68	87	126	101	84	72	63	56	50	46
TG-4	20	0.55	70	102	82	68	58	51	45	41	37
	30	0.66	84	123	98	82	70	61	54	49	45
	40	0.76	97	141	113	94	81	71	63	56	51
	60	0.91	116	169	135	113	97	84	75	68	61
TG-5	20	0.69	88	128	102	85	73	64	57	51	47
	30	0.84	108	156	125	104	89	78	69	62	57
	40	1.00	128	186	149	124	106	93	83	74	68
	60	1.16	148	215	172	144	123	108	96	86	78
TG-6	20	0.82	105	152	122	101	87	76	68	61	55
	30	0.99	127	184	147	123	105	92	82	74	67
	40	1.14	146	212	169	141	121	106	94	85	77
	60	1.37	175	254	203	170	145	127	113	102	92
TG-8	20	1.10	141	204	163	136	117	102	91	82	74
	30	1.33	170	247	198	165	141	123	110	99	90
	40	1.51	193	280	224	187	160	140	125	112	102
	60	1.82	233	338	270	225	193	169	150	135	123

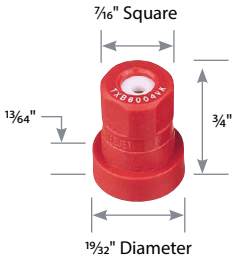
Note: Always double check your application rates. Tabulations are based on spraying water at 70°F.
See technical information (pages 179–202) for useful formulas and other technical information.

Typical Applications

FUNGICIDE	INSECTICIDE
CONTACT	CONTACT
EXCELLENT	**EXCELLENT**
SYSTEMIC	SYSTEMIC
GOOD	**GOOD**



TXA ConeJet



TXB ConeJet

FEATURES

- Finely atomized spray pattern provides thorough coverage.
- Ideal for banding with two or three nozzles over the row.
- VisiFlo color-coded polypropylene body and ceramic orifice insert for long wear life.
- Resists corrosion.
- Accepts more abrasive materials.
- Available in seven VisiFlo® ceramic (VK) capacities.
- Can be used with 114445A-*-CELR caps and gasket. See page 118 for more information.

RECOMMENDED PRESSURE RANGE

30–300 PSI

MATERIALS AVAILABLE

VK CERAMIC

SPRAY PATTERN

DROPLET SIZE CLASSIFICATION

VF Very Fine

F Fine

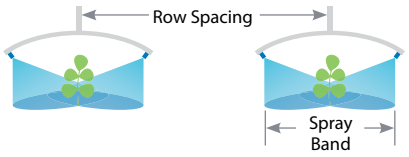
OPTIMUM SPRAY HEIGHT

	GPA CONVERSION FACTORS	
	20"	30"
8"	2.50	3.75
10"	2.00	3.00
12"	1.67	2.50
15"	1.33	2.00

To find GPA on the spray band, multiply the tabulated GPA from the following page for row spacing by the conversion factors above.

Example:

- Band Width = 8" (Conversion Factor = 3.75)
- Two tips TXA80015 at 40 PSI at 5MPH – 11.9 GPA
- Corrected GPA = 11.9 x 3.75 = 44.6 GPA



HOW TO ORDER

Ceramic with VisiFlo color-coding

T	X	A	8	0	0	4	V	K
Tip Type			Spray Angle		Capacity Size		Material Code	

Ceramic with VisiFlo color-coding

T	X	B	8	0	0	1	5	V	K
Tip Type			Spray Angle		Capacity Size			Material Code	

CERAMIC VISIFLO® SPRAY

TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE	CAPACITY TWO SPRAY TIPS IN GPM	CAPACITY TWO SPRAY TIPS IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING					CAPACITY THREE SPRAY TIPS IN GPM	CAPACITY THREE SPRAY TIPS IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING				
					3 MPH	4 MPH	5 MPH	6 MPH	7 MPH			3 MPH	4 MPH	5 MPH	6 MPH	7 MPH
TXA800050VK TXB800050VK (100)	40	VF	0.10	13	6.6	5.0	4.0	3.3	2.8	0.15	19	9.9	7.4	5.9	5.0	4.2
	60	VF	0.12	15	7.9	5.9	4.8	4.0	3.4	0.18	23	11.9	8.9	7.1	5.9	5.1
	80	VF	0.14	18	9.2	6.9	5.5	4.6	4.0	0.20	26	13.2	9.9	7.9	6.6	5.7
	100	VF	0.15	19	9.9	7.4	5.9	5.0	4.2	0.22	28	14.5	10.9	8.7	7.3	6.2
	125	VF	0.16	20	10.6	7.9	6.3	5.3	4.5	0.25	32	16.5	12.4	9.9	8.3	7.1
TXA800067VK TXB800067VK (50)	40	VF	0.13	17	8.6	6.4	5.1	4.3	3.7	0.20	26	13.2	9.9	7.9	6.6	5.7
	60	VF	0.16	20	10.6	7.9	6.3	5.3	4.5	0.24	31	15.8	11.9	9.5	7.9	6.8
	80	VF	0.18	23	11.9	8.9	7.1	5.9	5.1	0.27	35	17.8	13.4	10.7	8.9	7.6
	100	VF	0.20	26	13.4	10.0	8.0	6.7	5.7	0.30	39	20	15.0	12.0	10.0	8.6
	125	VF	0.22	29	14.8	11.1	8.9	7.4	6.3	0.34	43	22	16.6	13.3	11.1	9.5
TXA8001VK TXB8001VK (50)	40	VF	0.20	26	13.2	9.9	7.9	6.6	5.7	0.30	38	19.8	14.9	11.9	9.9	8.5
	60	VF	0.24	31	15.9	11.9	9.5	7.9	6.8	0.36	46	24	17.9	14.3	11.9	10.2
	80	VF	0.27	35	18.1	13.6	10.9	9.1	7.8	0.41	53	27	20	16.3	13.6	11.6
	100	VF	0.30	39	20	15.0	12.0	10.0	8.6	0.46	58	30	23	18.0	15.0	12.9
	125	VF	0.34	43	22	16.6	13.3	11.1	9.5	0.50	65	33	25	20	16.6	14.3
TXA80015VK TXB80015VK (50)	40	VF	0.30	38	19.8	14.9	11.9	9.9	8.5	0.45	58	30	22	17.8	14.9	12.7
	60	VF	0.36	47	24	18.0	14.4	12.0	10.3	0.55	70	36	27	22	18.0	15.5
	80	VF	0.42	53	28	21	16.5	13.8	11.8	0.63	80	41	31	25	21	17.7
	100	VF	0.46	60	31	23	18.4	15.3	13.1	0.70	89	46	35	28	23	19.7
	125	VF	0.52	66	34	26	20	17.1	14.6	0.78	99	51	38	31	26	22
TXA8002VK TXB8002VK (50)	40	F	0.40	51	26	19.8	15.8	13.2	11.3	0.60	77	40	30	24	19.8	17.0
	60	VF	0.49	62	32	24	19.2	16.0	13.7	0.73	93	48	36	29	24	21
	80	VF	0.56	71	37	28	22	18.4	15.8	0.84	107	55	41	33	28	24
	100	VF	0.62	79	41	31	25	20	17.5	0.93	119	61	46	37	31	26
	125	VF	0.69	88	46	34	27	23	19.5	1.03	132	68	51	41	34	29
TXA8003VK TXB8003VK (50)	40	F	0.60	77	40	30	24	19.8	17.0	0.90	115	59	45	36	30	25
	60	VF	0.73	94	48	36	29	24	21	1.10	141	73	54	44	36	31
	80	VF	0.85	108	56	42	34	28	24	1.27	162	84	63	50	42	36
	100	VF	0.94	121	62	47	37	31	27	1.42	181	94	70	56	47	40
	125	VF	1.06	135	70	52	42	35	30	1.58	203	105	78	63	52	45
TXA8004VK TXB8004VK (50)	40	F	0.80	102	53	40	32	26	23	1.20	154	79	59	48	40	34
	60	VF	0.98	125	65	48	39	32	28	1.47	188	97	73	58	48	42
	80	VF	1.13	144	74	56	45	37	32	1.69	217	112	84	67	56	48
	100	VF	1.26	161	83	62	50	42	36	1.89	242	125	94	75	62	53
	125	VF	1.41	180	93	70	56	46	40	2.11	270	139	105	84	70	60

Note: Always double check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F. See technical information (pages 179–202) for droplet size classification, useful formulas and other technical information.

ConeJet® HOLLOW CONE SPRAY

Typical Applications

FUNGICIDE	INSECTICIDE
CONTACT	CONTACT
EXCELLENT	**EXCELLENT**
SYSTEMIC	SYSTEMIC
GOOD	**GOOD**

Three Spray Tips
Per Row Spacing

FEATURES

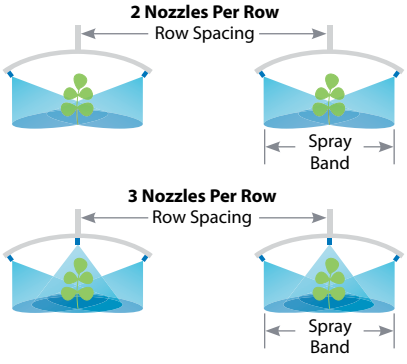
- Finely atomized spray pattern provides thorough coverage.
- Ideal for banding with two or three nozzles over the row.
- Color-coded versions consist of stainless steel or ceramic orifice in a polypropylene body. Maximum operating pressure 300 PSI.
- Standard ConeJet (not color-coded) available in brass and stainless steel in a wide range of capacities with 65° (TY) and 80° (TX) spray angles.

SPRAY PATTERN

DROPLET SIZE CLASSIFICATION

VF Very Fine

F Fine



OPTIMUM SPRAY HEIGHT

	GPA CONVERSION FACTORS	
	20"	30"
8"	2.50	3.75
10"	2.00	3.00
12"	1.67	2.50
15"	1.33	2.00

To find GPA on the spray band, multiply the tabulated GPA from the following page for row spacing by the conversion factors above.

Example:
- Band Width = 8" (Conversion Factor = 3.75)
- Two tips TX-VK3 at 40 PSI at 5MPH – 4 GPA
- Corrected GPA = 4 x 3.75 = 15 GPA

RECOMMENDED PRESSURE RANGE

30–300 PSI

MATERIALS AVAILABLE

- VS STAINLESS STEEL
- VK CERAMIC
- B BRASS
- SS STAINLESS STEEL

HOLLOW CONE SPRAY

TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE	CAPACITY TWO TIPS IN GPM	CAPACITY TWO TIPS IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING					CAPACITY THREE TIPS IN GPM	CAPACITY THREE TIPS IN OZ/MIN	APPLICATION RATE FOR 30" SPRAY TIP SPACING				
					3 MPH	4 MPH	5 MPH	6 MPH	7 MPH			3 MPH	4 MPH	5 MPH	6 MPH	7 MPH
TX-1	40	VF	0.033	4.2	2.2	1.6	1.3	1.1	0.93	0.050	6.4	3.3	2.5	2.0	1.7	1.4
	60	VF	0.039	5.0	2.6	1.9	1.5	1.3	1.1	0.059	7.6	3.9	2.9	2.3	1.9	1.7
TX-†1 (100)	75	VF	0.043	5.5	2.8	2.1	1.7	1.4	1.2	0.065	8.3	4.3	3.2	2.6	2.1	1.8
	90	VF	0.047	6.0	3.1	2.3	1.9	1.6	1.3	0.070	9.0	4.6	3.5	2.8	2.3	2.0
	120	VF	0.053	6.8	3.5	2.6	2.1	1.7	1.5	0.079	10	5.2	3.9	3.1	2.6	2.2
TX-2	40	VF	0.067	8.6	4.4	3.3	2.7	2.2	1.9	0.100	13	6.6	5.0	4.0	3.3	2.8
	60	VF	0.080	10	5.3	4.0	3.2	2.6	2.3	0.12	15	7.9	5.9	4.8	4.0	3.4
TX-†2 (100)	75	VF	0.088	11	5.8	4.4	3.5	2.9	2.5	0.13	17	8.6	6.4	5.1	4.3	3.7
	90	VF	0.095	12	6.3	4.7	3.8	3.1	2.7	0.14	18	9.2	6.9	5.5	4.6	4.0
	120	VF	0.11	14	7.3	5.4	4.4	3.6	3.1	0.16	20	10.6	7.9	6.3	5.3	4.5
TX-3	40	VF	0.10	13	6.6	5.0	4.0	3.3	2.8	0.15	19	9.9	7.4	5.9	5.0	4.2
	60	VF	0.12	15	7.9	5.9	4.8	4.0	3.4	0.18	23	11.9	8.9	7.1	5.9	5.1
TX-†3 (100)	75	VF	0.13	17	8.6	6.4	5.1	4.3	3.7	0.20	26	13.2	9.9	7.9	6.6	5.7
	90	VF	0.14	18	9.2	6.9	5.5	4.6	4.0	0.21	27	13.9	10.4	8.3	6.9	5.9
	120	VF	0.16	20	10.6	7.9	6.3	5.3	4.5	0.24	31	15.8	11.9	9.5	7.9	6.8
TX-4	40	VF	0.13	17	8.6	6.4	5.1	4.3	3.7	0.20	26	13.2	9.9	7.9	6.6	5.7
	60	VF	0.16	20	10.6	7.9	6.3	5.3	4.5	0.24	31	15.8	11.9	9.5	7.9	6.8
TX-†4 (50)	75	VF	0.18	23	11.9	8.9	7.1	5.9	5.1	0.27	35	17.8	13.4	10.7	8.9	7.6
	90	VF	0.19	24	12.5	9.4	7.5	6.3	5.4	0.29	37	19.1	14.4	11.5	9.6	8.2
	120	VF	0.22	28	14.5	10.9	8.7	7.3	6.2	0.33	42	22	16.3	13.1	10.9	9.3
TX-6	40	VF	0.20	26	13.2	9.9	7.9	6.6	5.7	0.30	38	19.8	14.9	11.9	9.9	8.5
	60	VF	0.24	31	15.8	11.9	9.5	7.9	6.8	0.36	46	24	17.8	14.3	11.9	10.2
TX-†6 (50)	75	VF	0.27	35	17.8	13.4	10.7	8.9	7.6	0.40	51	26	19.8	15.8	13.2	11.3
	90	VF	0.29	37	19.1	14.4	11.5	9.6	8.2	0.43	55	28	21	17.0	14.2	12.2
	120	VF	0.33	42	22	16.3	13.1	10.9	9.3	0.50	64	33	25	19.8	16.5	14.1
TX-8	40	VF	0.27	35	17.8	13.4	10.7	8.9	7.6	0.40	51	26	19.8	15.8	13.2	11.3
	60	VF	0.32	41	21	15.8	12.7	10.6	9.1	0.49	63	32	24	19.4	16.2	13.9
TX-†8 (50)	75	VF	0.36	46	24	17.8	14.3	11.9	10.2	0.54	69	36	27	21	17.8	15.3
	90	VF	0.39	50	26	19.3	15.4	12.9	11.0	0.59	76	39	29	23	19.5	16.7
	120	VF	0.45	58	30	22	17.8	14.9	12.7	0.68	87	45	34	27	22	19.2
TX-10	40	VF	0.33	42	22	16.3	13.1	10.9	9.3	0.50	64	33	25	19.8	16.5	14.1
	60	VF	0.40	51	26	19.8	15.8	13.2	11.3	0.61	78	40	30	24	20	17.3
TX-†10 (50)	75	VF	0.45	58	30	22	17.8	14.9	12.7	0.68	87	45	34	27	22	19.2
	90	VF	0.49	63	32	24	19.4	16.2	13.9	0.74	95	49	37	29	24	21
	120	VF	0.56	72	37	28	22	18.5	15.8	0.85	109	56	42	34	28	24
TX-12	40	F	0.40	51	26	19.8	15.8	13.2	11.3	0.60	77	40	30	24	19.8	17.0
	60	VF	0.49	63	32	24	19.4	16.2	13.9	0.73	93	48	36	29	24	21
TX-†12 (50)	75	VF	0.54	69	36	27	21	17.8	15.3	0.81	104	53	40	32	27	23
	90	VF	0.59	76	39	29	23	19.5	16.7	0.88	113	58	44	35	29	25
	120	VF	0.68	87	45	34	27	22	19.2	1.01	129	67	50	40	33	29
TX-18	40	F	0.60	77	40	30	24	19.8	17.0	0.90	115	59	45	36	30	25
	60	VF	0.73	93	48	36	29	24	21	1.10	141	73	54	44	36	31
TX-†18 (50)	75	VF	0.82	105	54	41	32	27	23	1.23	157	81	61	49	41	35
	90	VF	0.90	115	59	45	36	30	25	1.35	173	89	67	53	45	38
	120	VF	1.03	132	68	51	41	34	29	1.55	198	102	77	61	51	44
TX-26	40	F	0.87	111	57	43	34	29	25	1.30	166	86	64	51	43	37
	60	F	1.06	136	70	52	42	35	30	1.59	204	105	79	63	52	45
TX-†26 (50)	75	VF	1.18	151	78	58	47	39	33	1.78	228	117	88	70	59	50
	90	VF	1.30	166	86	64	51	43	37	1.94	248	128	96	77	64	55
	120	VF	1.49	191	98	74	59	49	42	2.24	287	148	111	89	74	63

Note: Always double check your application rates. Droplet size classification shown is based on ISO 25358. Droplet size classification standard is subject to change. Tabulations are based on spraying water at 70°F. See technical information (pages 179–202) for droplet size classification, useful formulas and other technical information.

†Specify material.

HOW TO ORDER

Stainless Steel with color-coding

T X - V S 4

Tip Type — Material Code — Capacity Size

Brass

T X - 4

Tip Type — Capacity Size

Stainless Steel

T X - S S 4

Tip Type — Material Code — Capacity Size

Ceramic with color-coding

T X - V K 4

Tip Type — Material Code — Capacity Size