CHOOSING AN ORIFICE/TIP NOT IN STD CHART

How to Select an Orifice or Tip that is NOT Found on Chart - Use the Following

Remember that most tip charts are based on 20" spacing and water. To use other spacings or other product, you must convert.

1. You must know Actual Gallons per Acre you are trying to achieve - Actual Gallons per Acre is the setting for your John Blue pump
2. Identify the product's actual weight per gallon and the corresponding conversion factor - See chart to the right.
   - Chart based on Water Conversion Factor is 1.00
   - Products other than Water - see chart to right
3. Chart based on 20" as Standard Spacing
   - If you desire to find the representative GPA for a space further apart than the standard space in tip chart, you must divide space desired by space found in tip chart. Example: you want 36 spacing and the chart is based on 20" then (36/20 = 1.8). The result GPA will be a larger GPA.
   - If you desire to find the representative GPA for a space closer together than tip chart, you must divided space desired by space in tip chart. Example: you want 36" spacing and tip chart is based on 40" spacing then (36/40 = 0.90). The result GPA will be a smaller GPA.

Result GPA to look for in the chart	=	Actual GPA Water	x	Weight Conversion Factor	x	Space Conversion*
Result GPA to look for in chart	=	A	x	B	x	C

_____ A Actual Gallons per Acre that you are attempting to apply

_____ B Weight Conversion Factor from chart above

_____ C Desired Space other than found in Tip Chart

Conversion for Weight per Gallon

Weight of Solution	Specific Gravity	Weight Conversion Factor
7.0 lbs per gallon	0.84	0.92
8.0 lbs per gallon	0.96	0.98
8.34 lbs per gallon (WATER)	1.00	1.00
9.0 lbs per gallon	1.08	1.04
10.0 lbs per gallon	1.20	1.1
10.65 lbs per gallon (28% Nitrogen)	1.28	1.13
11.0 lbs per gallon	1.32	1.15
12.0 lbs per gallon	1.44	1.20
14.0 lbs per gallon	1.68	1.30

Examples of How to Select an Orifice Using Standard Chart with Known Variables or Weight and Spacing when NOT in Standard Tip Chart - Use for Selection ONLY

$$\text{Result GPA to look for in chart} = \text{Actual Gallons/Acre} \times \text{Conversion Factor that Represents Product Weight} \times \frac{\text{Actual Space}}{\text{State Space in Standard Chart}}$$

Example - Convert product to spray weighs 11 lbs/gallon and for 36" when chart based on 20" spacing.
You want (A)= 28.7, result to look for 59.41 for the tip

$$59.41 = 28.7 \times 1.15 \times \frac{36"}{20"}$$

Example - Convert product to spray weights 11 lbs/gallon and for 36" when chart based on 40" spacing.
You want (A)=28.7, result to look for 29.7 for the tip

$$29.7 = 28.7 \times 1.15 \times \frac{36"}{40"}$$

Acres per mile	=	Swath in feet x 0.1212
1 PSI	=	Head Pressure; 2.306 ft of Head
GPA	=	Lbs of water used in one mile test dvided by (0.084234 times swath in inches
Double GPA	=	you must increase the pressure by 4 times

Miscellaneous Conversion Factors

One Acre	= 43,560 Square Feet
	= 0.405 Hectare
One Hectare	= 2.471 Acres
One Gallon Per Acre	
	= 2.9 Fluid Ounces per 1000FT2
	= 9.35 Liters Per Hectare
One Gallon Per 1000FT^2	= 43.56 GPA

One Mile	= 5,280 Feet
	= 1,610 Meters
	= 1.61 Kilometers
One Gallon	= 128 Fluid Ounces
	= 8 Pints
	= 4 Quarts
	= 3.79 Liters
One Pound Per Square Inch	= 0.069 bar
One Mile Per Hour	= 1.609 Kilometers Per Hour

HOW TO SELECT A TIP

How to Select a Tip - Know the Following

1. Droplet size classification to manage coverage and/or drift control
2. Type of spray pattern
3. Desired pressure for drift control and/or canopy penetration
4. Product sprayed based on water, *see conversion chart to the right* (product density)
5. Application rate in gallon per minute or gallons per acre or gallons per 1000 sq ft

Record your constants:

Total Application Rate GAL/MIN = (A x B) x C x D x 0.00202

Total Application Rate GAL/MIN = (Nozzle # x Spacing ft) x Max Speed (mph) x Application Rate (gal/acre) x 0.00202

_____ A Number of Nozzles

_____ B Nozzle Spacing in feet

_____ C Speed of Application in MPH; Total Application Rate for Pump Flow

_____ D Rate per Acre

$$\text{GAL/MIN Flow Rate per Spray Nozzle} = \frac{\text{Total Application Rate GAL/MIN}}{\text{Number of Nozzles}}$$

Conversion for Spraying Liquids Other Than Water

Most tabulations for spray equipment in manufacturers' catalogs are based on spraying water (8.34 lb/gal USA) therefore conversions must be made when spraying solution that are heavier or lighter than water.

When ordering spray tip nozzles for non-water solution:

Desired GPA in application process x Water Conversion Factor = Converted GPA (use to order nozzles)

Measuring Travel Speeds

Measure a test course in the area to be sprayed or in an area with similar surface conditions. Minimum lengths of 100 and 200 feet are recommended for measuring speeds up to 5 and 10 mph, respectively. Determine the time required to travel the test course. To help insure accuracy, conduct the speed check with a partially loaded sprayer (about half full) and select the engine throttle setting and rate that will be used when spraying. Repeat the above process and average the time that were measured.

Use the following equations. first establish actual MPH:

$$\text{Speed (MPH)} = \frac{60 \times \text{Distance (ft)}}{\text{Time (sec)} \times 88}$$

$$\text{Gallon Per Acre, GPA} = \frac{5{,}940 \times \text{GPM (per nozzle)}}{\text{MPH} \times W}$$

$$\text{Gallon per Minute per Acre, GPM (per nozzle)} = \frac{\text{GPA} \times \text{MPH} \times W}{5{,}940}$$

$$\text{Gallon/1000ft}^2 = \frac{136 \times \text{GPM (per nozzle)}}{\text{MPH} \times W}$$

$$\text{GPM for 1000ft}^2 \text{ (per nozzle)} = \frac{\text{GAL/1000ft}^2 \times \text{MPH} \times W}{136}$$

$$\text{GPM, Lane Mile} = \frac{\text{GPLM} \times \text{MPH} \times \text{Nozzle Spacing (in)}}{720 \times \text{lane width (ft)}}$$

$$\text{GPLM (Gallons per Lane Mile)} = \frac{60 \times \text{GPM}}{\text{MPH}}$$

Conversion for Weight per Gallon

Weight of Solution	Specific Gravity	Weight Conversion Factor
7.0 lbs per gallon	0.84	0.92
8.0 lbs per gallon	0.96	0.98
8.34 lbs per gallon (WATER)	1.00	1.00
9.0 lbs per gallon	1.08	1.04
10.0 lbs per gallon	1.20	1.1
10.65 lbs per gallon (28% Nitrogen)	1.28	1.13
11.0 lbs per gallon	1.32	1.15
12.0 lbs per gallon	1.44	1.20
14.0 lbs per gallon	1.68	1.30

Travel Speed

	Time Required in SECONDS to Travel a Distance of:		
MPH	100 feet	200 feet	300 feet
0.5	136 sec	273 sec	409 sec
1.0	68 sec	136 sec	205 sec
1.5	45 sec	91 sec	136 sec
2.0	34 sec	68 sec	102 sec
2.5	27 sec	55 sec	82 sec
3.0	23 sec	45 sec	68 sec
3.5	19 sec	39 sec	58 sec
4.0	17 sec	34 sec	51 sec
4.5	15 sec	30 sec	45 sec
5.0	14 sec	27 sec	41 sec
5.5	---	25 sec	37 sec
6.0	---	23 sec	34 sec
6.5	---	21 sec	31 sec
7.0	---	19 sec	29 sec
7.5	---	18 sec	27 sec
8.0	---	17 sec	26 sec
8.5	---	16 sec	24 sec
9.0	---	15 sec	23 sec

GPA gallons per acre

GAL/1000ft² gallons per 1000 sq ft

GPLM gallons per lane mile

GPM gallons per minute

PSI pounds per square inch

MPH miles per hour

Nozzle Spacing 1 Nozzle = Spray Width

RPM revoluntions per minute

PTO power take off

PTO % % of engine speed that PTO runs-direction required

Swath actual width applied in a trip across the field in feet or inches; number of nozzzles x distance between each nozzle; distance between wheel centers

W spray width in inches for single nozzle, band spraying, or boomless

CHOOSING A NOZZLE

Suggested Minimum Spray Heights

The nozzle height suggestion in the table to the left are based on the minimum overlap required to obtain uniform distribution. However, in many cases, typical height adjustments are based on 1:1 nozzle spacing to height ratio. For example, 110° flat spray tips spaced 20 inches apart are commonly set 20 inches above the target.
Note: Always test for coverage before spraying.

Nozzle Tip	Spray Angle	20" nozzle spacing	30" nozzle spacing	40" nozzle spacing
TeeJet Standard, TJ	65°	22-24	33-35	NR*
TeeJet, XR, TX, DG, TJ	80°	17-19	26-28	NR*
TeeJet, XR, DG, TT, TJ, AI	110°	16-18	20-22	NR8
FullJetT	120°	10-18**	14-18**	14-18**
FloodJetT TK, TF	120°	14-16***	15-17***	18-20***

* Not Recommended ** Nozzle height based on 30° to 45° angle of orientation
*** Wide angle spray tip height is influenced by nozzle orientation. The critical factor is to achieve a double spray pattern overlap for TK FloodJetT nozzles.

Nirtrogen Application Chart

Units of Nitrogen per Acre	PRODUCT REQUIRED IN GALLONS @ 60 F / POUNDS											
	19% @ 10.46 lbs		21% @ 10.73 lbs		25% @ 10.95 lbs		28% @ 10.65 lbs		30% @ 10.84 lbs		32% @ 11.06 lbs	
	gal/acre	lbs/acre	gal/acre	lbs/acre	gal/acre	lbs/acre	gal/acre	lbs/acre	gal/acre	lbs/acre	gal/acre	lbs/acre
30	15.1	158	13.3	143	11.0	120	10.1	107	9.2	100	8.5	94
35	17.6	184	15.6	167	12.8	140	11.7	125	10.8	117	9.9	109
40	20.1	210	17.8	191	14.6	160	13.4	143	12.3	133	11.3	125
45	22.6	237	20.0	215	16.4	180	15.0	161	13.9	150	12.7	141
50	25.1	263	22.2	238	18.3	200	16.8	179	15.4	167	14.1	156
55	27.6	289	24.4	262	20.1	220	18.4	196	17.0	183	15.5	172
60	30.2	315	26.7	286	21.9	240	20.1	214	18.5	200	17	188
65	32.7	342	28.9	310	23.8	260	21.8	232	20.0	217	18.4	203
70	35.2	368	31.1	334	25.6	280	23.5	250	21.5	233	19.8	219
75	37.7	394	33.3	358	27.4	300	25.2	268	23.1	250	21.9	234
80	40.2	421	35.6	382	29.2	320	26.8	286	24.6	267	22.6	250
85	42.7	447	37.8	405	31.1	340	28.5	304	26.2	283	24.0	266
90	45.2	473	40.0	429	32.9	360	30.2	321	27.7	300	25.4	281
95	47.7	499	42.2	453	34.7	380	31.9	339	29.3	317	26.8	297
100	50.3	526	44.4	477	36.5	400	33.5	357	30.8	333	28.3	312
120	60.3	631	53.3	572	43.8	480	40.2	429	36.9	400	33.9	375
140	70.4	736	62.2	668	51.2	560	46.9	500	43.1	467	39.6	437
160	80.4	841	71.1	763	58.5	640	53.7	571	49.2	534	45.2	500
180	90.5	946	80.0	858	65.8	720	60.4	643	55.4	600	50.9	562
200	100.5	1051	88.9	954	73.1	800	67.0	714	61.5	667	56.5	625
	19% @ 10.46 Lbs.		21% @ 10.73 Lbs.		25% @ 10.95 Lbs.		28% @ 10.65 Lbs.		30% @ 10.84 Lbs.		32% @ 11.06 Lbs.	

20"

Other Spacing (inches)	Conversion Factor
8	2.5
10	2
12	1.67
14	1.43
16	1.25
18	1.11
22	.91
24	.83
30	.66

40"

Other Spacing (inches)	Conversion Factor
30	1.33
60	.66

60"

Other Spacing (inches)	Conversion Factor
40	1.5
120	.5

BROADCAST NOZZLE SELECTION GUIDE

	HERBICIDES			FUNGICIDES		INSECTICIDES		
	SOIL APPLIED	POST EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC	DRIFT MANAGEMENT
		CONTACT	SYSTEMIC					
Turbo TeeJet®		VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD
Turbo TeeJet® at pressures below 30 PSI (2.0 bar)	GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	VERY GOOD
Turbo TwinJet®	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD
Turbo TwinJet® at pressures below 30 PSI (2.0 bar)	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT
Turbo TeeJet® Induction	EXCELLENT		EXCELLENT		EXCELLENT		EXCELLENT	EXCELLENT
AI Turbo TwinJet®	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT
AI3070		VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT
XR, XRC TeeJet®		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	GOOD
XR, XRC TeeJet® at pressures below 30 PSI (2.0 bar)	GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	VERY GOOD
AIXR TeeJet®	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT
AI, AIC TeeJet®	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT
TwinJet®		EXCELLENT		EXCELLENT		EXCELLENT		
DG TwinJet®	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD
Turbo TeeJet® Duo		EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD
Turbo TeeJet® Duo at lower pressures	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT
Turbo FloodJet®	EXCELLENT		VERY GOOD		VERY GOOD		VERY GOOD	EXCELLENT
TurfJet®	EXCELLENT		EXCELLENT		EXCELLENT		EXCELLENT	EXCELLENT
QCTF Turbo FloodJet®	EXCELLENT							EXCELLENT
AirMatic® AirJet®	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT

Note: Consult the chemical manufacturer's product label for specific rate and application recommendations.

SPECIALTY APPLICATION NOZZLE SELECTION GUIDE

		HERBICIDES			FUNGICIDES		INSECTICIDES	
		PRE-EMERGENCE	POST-EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC
			CONTACT	SYSTEMIC				
BANDING	AIC TeeJet EVEN	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	TP TeeJet EVEN	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD
	TwinJet EVEN		EXCELLENT		EXCELLENT		EXCELLENT	
DIRECTED SPRAYING	AI TeeJet EVEN	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	TeeJet EVEN	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	TwinJet EVEN		VERY GOOD		VERY GOOD		VERY GOOD	
	AIUB TeeJet		GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	ConeJet		EXCELLENT		EXCELLENT		EXCELLENT	
MECHANICAL AIR ASSISTED	ConeJet		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD
	Disc-Core		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD

SIX WAYS TO WIN THE WEED ESCAPES BATTLE

TeeJet tips: precise herbicide application to wipe out weeds & boost yields.

Tip		Pattern	Droplet Size	Best For
1	Turbo TeeJet® (TT)	Single	Medium M to Coarse C	Liberty®/Contact Herbicides
2	Turbo TwinJet® (TTJ60)	Twin	Medium M to Coarse C	Liberty®/Contact Herbicides
3	Air Induction Extended Range (AIXR)	Single	Coarse C to Very Coarse VC	2,4-D/Roundup®/ Dicamba
4	Air Induction (AI/AIC)	Single	Very Coarse VC to Extremely Coarse XC	2,4-D/Roundup®/ Dicamba
5	Air Induction Turbo TwinJet (AITTJ60)	Twin	Very Coarse VC to Extremely Coarse XC	Roundup®/ Dicamba
6	Turbo TeeJet Induction (TTI)	Single	Extremely Coarse XC to Ultra Coarse UC	Roundup®/ Dicamba

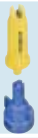
TeeJet® TECHNOLOGIES

www.teejet.com

Download our SpraySelect tip selection app!

Roundup® is a registered trademark of Monsanto Company. Liberty® is a registered trademark of Bayer CropScience.

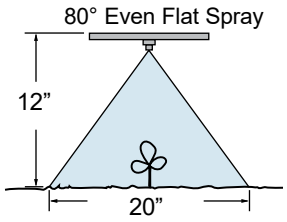
LIQUID FERTILIZER NOZZLE SELECTION GUIDE

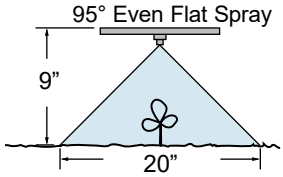
	BROADCAST	DIRECTED
 StreamJet (7-ORIFICE)	EXCELLENT	VERY GOOD
 StreamJet (3-ORIFICE)	VERY GOOD	EXCELLENT
 StreamJet (SINGLE-ORIFICE)		EXCELLENT
 CP4916 (ORIFICE PLATE)		EXCELLENT
 TP TeeJet (LARGE CAPACITY)	VERY GOOD	
 AI TeeJet AIC TeeJet (LOW VOLUME)	VERY GOOD	
 Turbo TeeJet Induction	EXCELLENT	
 AIUB TeeJet (LOW VOLUME)		VERY GOOD
 Turbo FloodJet	EXCELLENT	
 QCTF Turbo FloodJet	EXCELLENT	

Note: Consult the chemical manufacturer's product label for specific rate and application recommendations.

Helpful Reminders for Band Spraying

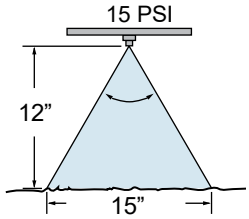
Wider angle spray tips allow the spray height to be lowered to minimize drift. Example:

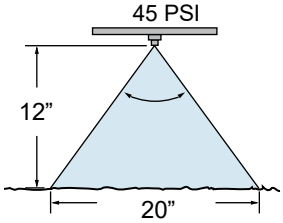




The spray angle of the nozzle and the resulting band width are directly influenced by the spraying pressure.

Example: 8002E Even Flat Spray

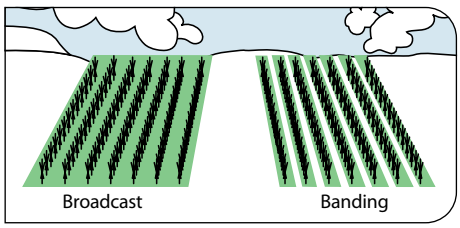




Use care when calculating:
Field Acres vs. Treated Acres

Field Acres= Total Acres of Planted Cropland

$$\text{Treated Acres} = \text{Field Acres} \times \frac{\text{Band Width}}{\text{Row Spacing}}$$



How to Order:

Specify tip number

XR8004VS	Stainless steel with VisiFlo color coding
XR11004-VP	Polymer with VisiFlo color coding
XR8010SS	Stainless steel
XR11004VB	Brass with VisiFlo color coding

	PSI	110°XR/XRC 15-60 PSI	TT 15-90 PSI	TTJ60 20-90 PSI	AIXR 15-90 PSI	AI3070 20-90 PSI	AITTJ60 20-90 PSI	110°AI/AIC 30-115 PSI	TTI60 20-90 PSI	TTI 15-100 PSI	GPM	GPA 20" 4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	12 mph	14 mph	16 mph	18 mph	20 mph
015 AI AIC AIXR AI3070 TT TTI XR XRC (100)	20	F	C	—	VC	VC	—	—	—	UC	0.11	8.2	6.5	5.4	4.7	4.1	3.6	3.3	2.7	2.3	2.0	1.8	1.6
	30	F	C	—	C	C	—	UC	—	UC	0.13	9.7	7.7	6.4	5.5	4.8	4.3	3.9	3.2	2.8	2.4	2.1	1.9
	40	F	M	—	C	M	—	XC	—	UC	0.15	11.1	8.9	7.4	6.4	5.6	5.0	4.5	3.7	3.2	2.8	2.5	2.2
	50	F	M	—	M	M	—	VC	—	UC	0.17	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.2	3.6	3.2	2.8	2.5
	60	F	M	—	M	M	—	VC	—	XC	0.18	13.4	10.7	8.9	7.6	6.7	5.9	5.3	4.5	3.8	3.3	3.0	2.7
	70	—	M	—	M	M	—	VC	—	XC	0.20	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.0	4.2	3.7	3.3	3.0
	80	—	F	—	M	F	—	VC	—	VC	0.21	15.6	12.5	10.4	8.9	7.8	6.9	6.2	5.2	4.5	3.9	3.5	3.1
	90	—	F	—	M	F	—	C	—	VC	0.23	17.1	13.7	11.4	9.8	8.5	7.6	6.8	5.7	4.9	4.3	3.8	3.4
02 AI AIC AIXR TT TTI TTI60 XR XRC (50) AI3070 AITTJ60 TTJ60 (100)	20	F	VC	C	VC	XC	XC	—	UC	UC	0.14	10.4	8.3	6.9	5.9	5.2	4.6	4.2	3.5	3.0	2.6	2.3	2.1
	30	F	C	C	VC	VC	VC	UC	UC	UC	0.17	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.2	3.6	3.2	2.8	2.5
	40	F	M	M	C	C	C	XC	XC	UC	0.20	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.0	4.2	3.7	3.3	3.0
	50	F	M	M	C	M	C	XC	XC	UC	0.22	16.3	13.1	10.9	9.3	8.2	7.3	6.5	5.4	4.7	4.1	3.6	3.3
	60	F	M	M	M	M	C	VC	VC	XC	0.24	17.8	14.3	11.9	10.2	8.9	7.9	7.1	5.9	5.1	4.5	4.0	3.6
	70	—	M	M	M	M	M	VC	VC	XC	0.26	19.3	15.4	12.9	11.0	9.7	8.6	7.7	6.4	5.5	4.8	4.3	3.9
	80	—	F	M	M	M	M	VC	VC	VC	0.28	21	16.6	13.9	11.9	10.4	9.2	8.3	6.9	5.9	5.2	4.6	4.2
	90	—	F	M	M	F	M	VC	VC	VC	0.30	22	17.8	14.9	12.7	11.1	9.9	8.9	7.4	6.4	5.6	5.0	4.5
025 AI AIC AIXR TT TTI TTI60 XR XRC (50) AI3070 AITTJ60 TTJ60 (100)	20	M	VC	VC	XC	XC	XC	—	UC	UC	0.18	13.4	10.7	8.9	7.6	6.7	5.9	5.3	4.5	3.8	3.3	3.0	2.7
	30	F	C	C	VC	VC	VC	UC	UC	UC	0.22	16.3	13.1	10.9	9.3	8.2	7.3	6.5	5.4	4.7	4.1	3.6	3.3
	40	F	M	C	VC	C	VC	XC	XC	UC	0.25	18.6	14.9	12.4	10.6	9.3	8.3	7.4	6.2	5.3	4.6	4.1	3.7
	50	F	M	M	C	C	C	XC	XC	UC	0.28	21	16.6	13.9	11.9	10.4	9.2	8.3	6.9	5.9	5.2	4.6	4.2
	60	F	M	M	C	M	C	XC	VC	UC	0.31	23	18.4	15.3	13.2	11.5	10.2	9.2	7.7	6.6	5.8	5.1	4.6
	70	—	M	M	C	M	M	VC	VC	XC	0.33	25	19.6	16.3	14.0	12.3	10.9	9.8	8.2	7.0	6.1	5.4	4.9
	80	—	F	M	C	M	M	VC	VC	XC	0.35	26	21	17.3	14.9	13.0	11.6	10.4	8.7	7.4	6.5	5.8	5.2
	90	—	F	M	M	M	M	VC	VC	VC	0.38	28	23	18.8	16.1	14.1	12.5	11.3	9.4	8.1	7.1	6.3	5.6
03 AI AIC AIXR AITTJ60 AI3070 TT TTI TTI60 XR XRC (50) TTJ60 (100)	20	M	VC	VC	XC	UC	UC	—	UC	UC	0.21	15.6	12.5	10.4	8.9	7.8	6.9	6.2	5.2	4.5	3.9	3.5	3.1
	30	F	VC	C	VC	VC	XC	UC	UC	UC	0.26	19.3	15.4	12.9	11.0	9.7	8.6	7.7	6.4	5.5	4.8	4.3	3.9
	40	F	C	C	VC	VC	VC	XC	UC	UC	0.30	22	17.8	14.9	12.7	11.1	9.9	8.9	7.4	6.4	5.6	5.0	4.5
	50	F	M	M	C	C	VC	XC	UC	UC	0.34	25	20	16.8	14.4	12.6	11.2	10.1	8.4	7.2	6.3	5.6	5.0
	60	F	M	M	C	C	C	VC	XC	UC	0.37	27	22	18.3	15.7	13.7	12.2	11.0	9.2	7.8	6.9	6.1	5.5
	70	—	M	M	C	C	C	VC	XC	XC	0.40	30	24	19.8	17.0	14.9	13.2	11.9	9.9	8.5	7.4	6.6	5.9
	80	—	M	M	C	M	C	VC	VC	XC	0.42	31	25	21	17.8	15.6	13.9	12.5	10.4	8.9	7.8	6.9	6.2
	90	—	F	M	M	M	M	VC	VC	XC	0.45	33	27	22	19.1	16.7	14.9	13.4	11.1	9.5	8.4	7.4	6.7
04 AI AIC AITTJ60 AIXR AI3070 TT TTI TTI60 TTJ60 XR XRC (50)	20	M	VC	VC	XC	UC	UC	—	UC	UC	0.28	21	16.6	13.9	11.9	10.4	9.2	8.3	6.9	5.9	5.2	4.6	4.2
	30	M	C	C	XC	XC	XC	UC	UC	UC	0.35	26	21	17.3	14.9	13.0	11.6	10.4	8.7	7.4	6.5	5.8	5.2
	40	M	C	C	VC	VC	VC	XC	UC	UC	0.40	30	24	19.8	17.0	14.9	13.2	11.9	9.9	8.5	7.4	6.6	5.9
	50	F	M	M	VC	VC	VC	VC	UC	UC	0.45	33	27	22	19.1	16.7	14.9	13.4	11.1	9.5	8.4	7.4	6.7
	60	F	M	M	VC	VC	C	VC	XC	UC	0.49	36	29	24	21	18.2	16.2	14.6	12.1	10.4	9.1	8.1	7.3
	70	—	M	M	C	C	C	VC	XC	XC	0.53	39	31	26	22	19.7	17.5	15.7	13.1	11.2	9.8	8.7	7.9
	80	—	M	M	C	C	M	VC	VC	XC	0.57	42	34	28	24	21	18.8	16.9	14.1	12.1	10.6	9.4	8.5
	90	—	F	M	C	C	M	VC	VC	VC	0.60	45	36	30	25	22	19.8	17.8	14.9	12.7	11.1	9.9	8.9
05 AI AIC AITTJ60 AIXR AI3070 TT TTI TTI60 TTJ60 XR XRC (50)	20	M	VC	VC	XC	UC	UC	—	UC	UC	0.35	26	21	17.3	14.9	13.0	11.6	10.4	8.7	7.4	6.5	5.8	5.2
	30	M	C	C	XC	XC	XC	UC	UC	UC	0.43	32	26	21	18.2	16.0	14.2	12.8	10.6	9.1	8.0	7.1	6.4
	40	M	M	C	VC	VC	VC	XC	UC	UC	0.50	37	30	25	21	18.6	16.5	14.9	12.4	10.6	9.3	8.3	7.4
	50	F	M	C	VC	VC	VC	XC	UC	UC	0.56	42	33	28	24	21	18.5	16.6	13.9	11.9	10.4	9.2	8.3
	60	F	M	M	VC	C	VC	VC	XC	XC	0.61	45	36	30	26	23	20	18.1	15.1	12.9	11.3	10.1	9.1
	70	—	M	M	C	C	C	VC	XC	XC	0.66	49	39	33	28	25	22	19.6	16.3	14.0	12.3	10.9	9.8
	80	—	F	M	C	C	C	VC	VC	VC	0.71	53	42	35	30	26	23	21	17.6	15.1	13.2	11.7	10.5
	90	—	F	M	C	C	M	VC	VC	VC	0.75	56	45	37	32	28	25	22	18.6	15.9	13.9	12.4	11.1
06 AI AIC AITTJ60 AIXR TT TTI TTI60 TTJ60 XR XRC (50)	20	M	VC	VC	XC	—	UC	—	UC	UC	0.42	31	25	21	17.8	15.6	13.9	12.5	10.4	8.9	7.8	6.9	6.2
	30	M	C	C	XC	—	XC	UC	UC	UC	0.52	39	31	26	22	19.3	17.2	15.4	12.9	11.0	9.7	8.6	7.7
	40	M	M	C	VC	—	VC	XC	UC	UC	0.60	45	36	30	25	22	19.8	17.8	14.9	12.7	11.1	9.9	8.9
	50	M	M	C	VC	—	VC	XC	UC	XC	0.67	50	40	33	28	25	22	19.9	16.6	14.2	12.4	11.1	9.9
	60	F	M	M	VC	—	C	XC	XC	XC	0.73	54	43	36	31	27	24	22	18.1	15.5	13.6	12.0	10.8
	70	—	M	M	VC	—	C	VC	XC	VC	0.79	59	47	39	34	29	26	23	19.6	16.8	14.7	13.0	11.7
	80	—	F	M	C	—	C	VC	XC	VC	0.85	63	50	42	36	32	28	25	21	18.0	15.8	14.0	12.6
	90	—	F	M	C	—	M	VC	XC	C	0.90	67	53	45	38	33	30	27	22	19.1	16.7	14.9	13.4
08 AI AIC AITTJ60 AIXR TT TTI TTI60 TTJ60 XR XRC (50)	20	C	VC	VC	UC	—	UC	—	UC	UC	0.57	42	34	28	24	21	18.8	16.9	14.1	12.1	10.6	9.4	8.5
	30	C	C	VC	XC	—	UC	UC	UC	UC	0.69	51	41	34	29	26	23	20	17.1	14.6	12.8	11.4	10.2
	40	M	M	C	XC	—	XC	UC	UC	UC	0.80	59	48	40	34	30	26	24	19.8	17.0	14.9	13.2	11.9
	50	M	M	C	VC	—	XC	XC	UC	UC	0.89	66	53	44	38	33	29	26	22	18.9	16.5	14.7	13.2
	60	M	M	C	VC	—	VC	XC	UC	UC	0.98	73	58	49	42	36	32	29	24	21	18.2	16.2	14.6
	70	—	F	C	VC	—	VC	VC	UC	UC	1.06	79	63	52	45	39	35	31	26	22	19.7	17.5	15.7
	80	—	F	M	C	—	VC	VC	UC	XC	1.13	84	67	56	48	42	37	34	28	24	21	18.6	16.8
	90	—	F	M	C	—	C	VC	XC	XC	1.20	89	71	59	51	45	40	36	30	25	22	19.8	17.8
10 AITTJ60 TTJ60 (50) AIC AIXR TT TTI XR XRC	20	C	XC	XC	UC	—	UC	—	—	UC	0.71	53	42	35	30	26	23	21	18	15	13	12	11
	30	C	VC	VC	UC	—	UC	UC	—	UC	0.87	65	52	43	37	32	29	26	22	18	16	14	13
	40	M	VC	VC	XC	—	UC	UC	—	UC	1.00	74	59	50	42	37	33	30	25	21	19	17	15
	50	M	C	VC	XC	—	XC	UC	—	UC	1.12	83	67	55	48	42	37	33	28	24	21	18	17
	60	M	C	C	VC	—	XC	XC	—	UC	1.22	91	72	60	52	45	40	36	30	26	23	20	18
	70	—	C	C	VC	—	XC	XC	—	UC	1.32	98	78	65	56	49	44	39	33	28	25	22	20
	80	—	C	C	VC	—	XC	VC	—	XC	1.41	105	84	70	60	52	47	42	35	30	26	23	21
	90	—	M	C	VC	—	VC	VC	—	XC	1.50	111	89	74	64	56	50	45	37	32	28	25	22

EXTREMELY FINE (XF)	VERY FINE (VF)	FINE (F)	MEDIUM (M)	COARSE (C)	VERY COARSE (VC)	EXTREMELY COARSE (XC)	ULTRA COARSE (UC)

	20"	Tip Spacing	GPA Conversion Factor
80°	30"	15"	1.33
110°	20"	30"	0.67

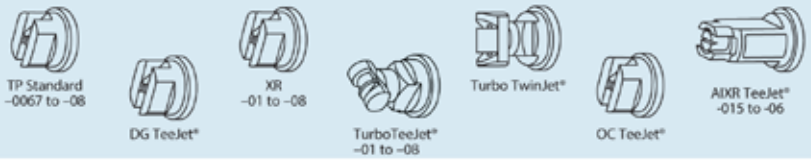
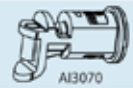
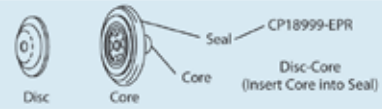
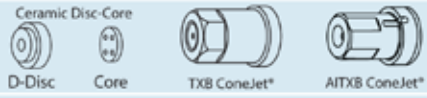
Quick TeeJet® Caps

CE = Celcon cap
CEIR = Celcon cap and EPDM gasket
CELVI = Celcon cap and Viton gasket
NY = Nylon cap
NYIR = Nylon cap and EPDM gasket
PP = Polypropylene cap

Ordering Information

Color Code

1	2	3	4	5	6	7	8	9	10	11	12	13
Black	White	Red	Blue	Green	Yellow	Brown	Orange	Gray	Violet[1]	Lt. Blue[1]	Telemagenta[1]	Lt. Green[1]

QUICK TEEJET CAPS	PART NUMBER: QUICK TEEJET CAP ONLY	PART NUMBER: QUICK TEEJET CAP & SEAT GASKET SET	FOR USE WITH TEEJET SPRAY TIPS 300 PSI (20 bar) MAXIMUM PRESSURE
	CP114440-*-CE	114441-*-CELR 114441-*-CELVI	**TeeJet® Flat Spray Tips** (Smaller Capacities) 
	CP25611-9-PP[1]	25612-9-PP[1]	
	CP25609-*-NY	25610-*-NYR	**TeeJet Flat Spray Tips** (Larger Capacities) 
	CP114442-*-CE	114443-*-CELR 114443-*-CELVI	
	CP114501-*-CE[5]	114502-*-CELR[6] 114502-*-CELVI[6]	
	CP98578-1-NY[2]	98579-1-NYR[2]	
	CP25595-*-NY	25596-*-NYR	**TeeJet Flat Spray Tips** (Smaller Capacities) Tips can be positioned in choice of two spray plane directions—parallel or perpendicular to wings of Quick TeeJet cap.
	CP25599-*-NY	25600-*-NYR	
	CP114444-*-CE	114445-*-CELR 114445-*-CELVI	
	CP25607-9-PP[1]	25608-9-PP[1]	
	CP114444-*-CE	—	
	CP26277-1-NY[2]	26278-1-NYR[2]	
	CP114395-1-NYB[2]	114396-1-NYR[2]	 114396-1-NYR includes gasket and O-Ring (CP7717-M10.5x1.5-VI)

*Specify color code (see chart). [1] These caps only available in gray and rated to 150 psi (10 bar). [2] These caps only available in black.
[3] Color available in CP114440, CP114442 and CP114444 caps. [4] Color available in CP114440, CP114442 and CP114501 caps.
[5] Color available in CP114501 cap. [6] This cap offered in Black, White, Light Green, Light Blue and Telemagenta only

Quick TeeJet Cap

CP19438-EPR (EPDM Standard)
CP19438-VI (Viton Optional)

The Quick TeeJet caps are designed with grooves that fit locating lugs on the nozzle body. Caps are made of Nylon and are available for use with all TeeJet® spray tips. Maximum operating pressure of 300 PSI.

How to order:
For cap and seat gasket set, specify set number and color code. Ex: 25612-3-NYR
For cap only, specify part number and color code. Ex: CP25597-4-NY
For seat gasket, specify part number. Ex: CP19438-EPR

XR TeeJet® Extended Range Flat Spray Tips

Features:

- Excellent spray distribution over a wide range of pressures—15–60 PSI.
- Ideal for rigs with sprayer controllers.
- Reduces drift at lower pressures, better coverage at higher pressures.
- Available in stainless steel, ceramic and polymer in 80° and 110° spray angles with VisiFlo® color-coding.
- Ceramic is available with corrosive-resistant polypropylene VisiFlo color-coded tip holder in 80° capacities 03–08 and 110° capacities 02–08.
- Brass available in 110° only.
- Automatic spray alignment with 25612-*-NYR Quick TeeJet® cap and gasket.
- Automatic spray alignment for sizes 10 and 15 with 25610-*-NYR Quick TeeJet cap and gasket.

At 15 PSI (1 bar) Pressure — At 60 PSI (4 bar) Pressure

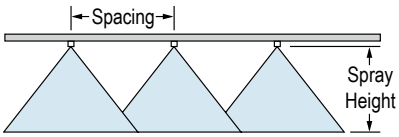
	PSI	DROP SIZE		CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20" GPA								GALLONS PER 1000 SQ. FT.			
		80°	110°			4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH
XR8001 XR11001 (100)	15	M	F	0.061	7.8	4.5	3.6	3.0	2.3	1.8	1.5	1.2	0.91	0.21	0.14	0.10	0.08
	20	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
	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
XR80015 XR110015 (100)	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
	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
XR8002 XR11002 (50)	15	M	M	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
	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
XR110025 (50)	15		M	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	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	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	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	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		F	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
XR8003 XR11003 (50)	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
	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
XR8004 XR11004 (50)	15	C	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
	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	8.9	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
XR8005 XR11005 (50)	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	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
	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
XR8006 XR11006 (50)	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
	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
XR8008 XR11008 (50)	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	C	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	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
XR8010† XR11010†	15			0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	20			0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	30			0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	40			1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50			1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60			1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
XR8015† XR11015†	15			0.92	118	68	55	46	34	27	23	18.2	13.7	3.1	2.1	1.6	1.3
	20			1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	30			1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8
	40			1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
	50			1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3
	60			1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5

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

Very Fine — Fine — Medium — Coarse — Very Coarse — Extremely Coarse

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

*At pressures below 30 PSI (2.0 bar)



Optimum Spray Height

	20"
80°	30"
110°	20"

How to order:
Specify tip number.
Examples:

- XR8004VS – Stainless Steel with VisiFlo color-coding
- XR11004-VP – Polymer with VisiFlo color-coding (110° only)
- XR11004-VK – Ceramic with polypropylene VisiFlo color-coding
- XR8010SS – Stainless Steel
- XR11004VB – Brass with VisiFlo color-coding (110° only)

XRC TeeJet® Extended Range Flat Spray Tips

Typical Applications:
See selection guide for recommended typical applications for XRC TeeJet tips.

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.
- 80° available in stainless steel (015, 02, 03–06 capacities) and ceramic (02, 03–08 capacities).
- 110° available in stainless steel (025–05 capacities), ceramic (02–08 capacities) and polymer (025–20 capacities).
- XR TeeJet tip molded into Quick TeeJet® cap provides automatic spray alignment.
- Includes tightly fitting washer that stays put and assures a good seal.

At 15 PSI (1 bar) Pressure — At 60 PSI (4 bar) Pressure

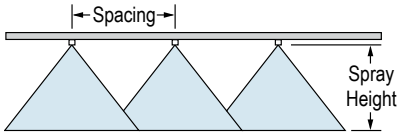
	PSI	DROP SIZE 80°	DROP SIZE 110°	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20" GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
XRC80015 (100)	15	M		0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13
	20	M		0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	30	F		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		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		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		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
XRC8002 XRC11002 (50)	15	M	M	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
	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
XRC110025 (50)	15		M	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	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	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	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	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		F	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
XRC8003 XRC11003 (50)	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
	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
XRC8004 XRC11004 (50)	15	C	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
	20	C	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
	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	8.9	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
XRC8005 XRC11005 (50)	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	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
	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
XRC8006 XRC11006 (50)	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	0.95	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
	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
XRC8008 XRC11008 (50)	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	C	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	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
XRC11010	15			0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	20			0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	30			0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	40			1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50			1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60			1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
XRC11015	15			0.92	118	68	55	46	34	27	23	18.2	13.7	3.1	2.1	1.6	1.3
	20			1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	30			1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8
	40			1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
	50			1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3
	60			1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5
XRC11020	15			1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
	20			1.41	180	105	84	70	52	42	35	28	21	4.8	3.2	2.4	1.9
	30			1.73	221	128	103	86	64	51	43	34	26	5.9	3.9	2.9	2.4
	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

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

Very Fine — Fine — Medium — Coarse — Very Coarse — Extremely Coarse

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

*At pressures below 30 PSI (2.0 bar)



Optimum Spray Height

	20"
80°	30"
110°	20"

How to order:
Specify tip number.
Examples:
XRC11004-VS – Stainless Steel with VisiFlo® color-coding
XRC11004-VP – Polymer with VisiFlo color-coding
XRC11004-VK – Ceramic with VisiFlo color-coding

BROADCAST NOZZLES

Turbo TeeJet® Wide Angle Flat Spray Tips

Typical Applications:
Liberty®/Contact Herbicides: medium to course for max drift control.

See selection guide for other recommended typical applications for Turbo TeeJet tips.

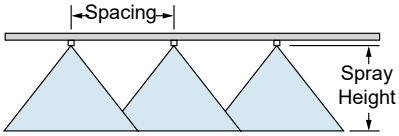
Features:

- Tapered edge wide angle flat spray pattern for uniform coverage in broadcast spraying.
- Large, rounded internal passage to minimize clogging.
- Excellent resistance to corrosive solutions.
- Superior wear characteristics.
- Larger droplets for less drift 15–90 PSI
- Automatic spray alignment with 5612-*-NYR Quick TeeJet® cap and gasket.
- Blockage-free passage means less clogging.
- Unique internal configuration means substantially longer wear life.

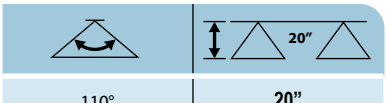
	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20" GPA 4 MPH	GPA 5 MPH	GPA 6 MPH	GPA 8 MPH	GPA 10 MPH	GPA 12 MPH	GPA 15 MPH	GPA 20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	GALLONS PER 1000 SQ. FT. 3 MPH	GALLONS PER 1000 SQ. FT. 4 MPH	GALLONS PER 1000 SQ. FT. 5 MPH
TT11001 (100)	15	C	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	M	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	M	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	M	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	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	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
	75	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
	90	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
TT110015 (100)	15	C	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	C	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	M	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	M	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
	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	F	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
TT11002 (50)	15	C	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	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
	30	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
	40	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
	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
	60	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
	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	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
TT110025 (50)	15	VC	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	C	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	M	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
	60	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
	75	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
	90	F	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
TT11003 (50)	15	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
	20	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
	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
	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
	75	M	0.41	52	30	24	20	15.2	12.2	10.1	8.1	6.1	1.4	0.93	0.70	0.56
	90	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
TT11004 (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	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
	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	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
	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
	75	M	0.55	70	41	33	27	20	16.3	13.6	10.9	8.2	1.9	1.2	0.94	0.75
	90	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
TT11005 (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	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
	30	VC	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	C	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	C	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	M	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
TT11006 (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	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	30	VC	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	C	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	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
	75	C	0.82	105	61	49	41	30	24	20	16.2	12.2	2.8	1.9	1.4	1.1
	90	M	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
TT11008 (50)	15	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
	20	XC	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	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94
	40	VC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1
	50	C	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	C	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
	75	C	1.10	141	82	65	54	41	33	27	22	16.3	3.7	2.5	1.9	1.5
	90	M	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6

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

*AT PRESSURES BELOW 30 PSI (2.0 BAR)



Optimum Spray Height



How to order:
Specify tip number.
Example:
TT11001-VP – Polymer with VisiFlo® color-coding

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

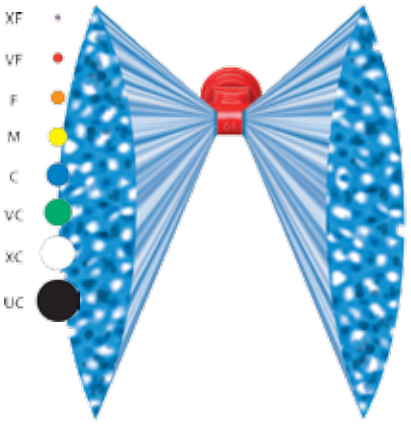
Very Fine · Fine · Medium · Course · Very Coarse · Extremely Coarse

TurboTwinJet® Twin Flat Spray Tips

Typical Applications:
Liberty®/Contact Herbicides: medium to course
See selection guide for other recommended typical applications.

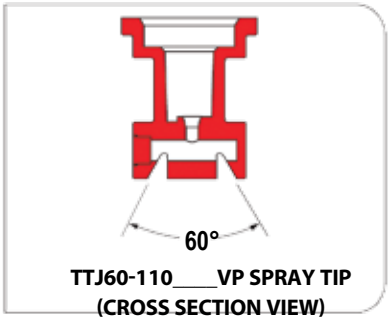
Features:

- 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 back.
- Droplet size range is slightly larger than for the same capacity Turbo TeeJet nozzle providing drift-reducing properties with increased canopy coverage and penetration.
- Molded polymer for excellent chemical and wear resistance.
- Available in eight VisiFlo color-coded capacities with pressure ranges from 20-90 PSI (1.5-6 bar).
- Ideal for use with automatic sprayer controllers.
- Automatic alignment when used with 25612-*-NYR or 114441-*-CELR Quick TeeJet cap and gasket.



	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20° GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
TTJ60-11002 (100)	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
	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	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
	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
	60	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
	70	M	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	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
	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
TTJ60-110025 (100)	20	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
	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
	60	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
	70	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
	80	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
	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
TTJ60-11003 (100)	20	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
	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
	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
	70	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
	80	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
	90	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
TTJ60-11004 (50)	20	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
	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
	60	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
	70	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
	90	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
TTJ60-11005 (50)	20	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
	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	C	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	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	70	M	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
	80	M	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	90	M	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
TTJ60-11006 (50)	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
	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	C	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
	70	M	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
	80	M	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
	90	M	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
NEW! TTJ60-11008 (50)	20	VC	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	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
	50	C	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	C	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
	70	C	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	80	M	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5
	90	M	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6
NEW! TTJ60-11010 (50)	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	VC	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	40	VC	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50	VC	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
	70	C	1.32	169	98	78	65	49	39	33	26	19.6	4.5	3.0	2.2	1.8
	80	C	1.41	180	105	84	70	52	42	35	28	21	4.8	3.2	2.4	1.9
	90	C	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0

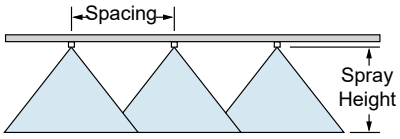
Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



TTJ60-110____VP SPRAY TIP (CROSS SECTION VIEW)

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

At pressures below 30 PSI



Optimum Spray Height

110°	20°

How to order:
Specify tip number
Example:
TTJ60-11004VP - Polymer with VisiFlo color-coding

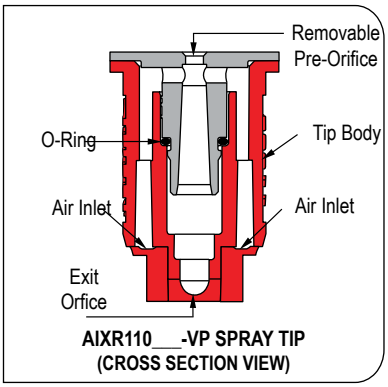
TTJ60-1003VP-C -Polymer with VisiFlo color-coding, includes Quick TeeJet cap and gasket

AIXR TeeJet® Air Induction XR Flat Spray Tips

Typical Applications:
2, 4-D/Roundup/Dicamba: course-very course
See selection guide for recommended typical applications for AIXR TeeJet 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. UHMPE 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 seven tip capacities with a wide operating pressure range: 15–90 PSI (1–6 bar).
- Automatic alignment when used with 25612-*-NYR Quick TeeJet® cap and gasket.

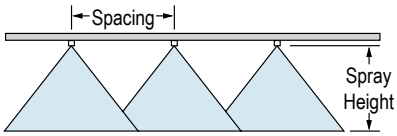


AIXR110___-VP SPRAY TIP
(CROSS SECTION VIEW)

	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20° GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
AIXR110015 (100)	15	XC	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	XC	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	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	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
	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	M	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
AIXR11002 (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	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
	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
AIXR110025 (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	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
	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
	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	C	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
AIXR11003 (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	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
	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
AIXR11004 (50)	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	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	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	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
	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	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
AIXR11005 (50)	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	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	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
	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
AIXR11006 (50)	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	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
	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
	75	C	0.82	105	61	49	41	30	24	20	16.2	12.2	2.8	1.9	1.4	1.1
	90	C	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2

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

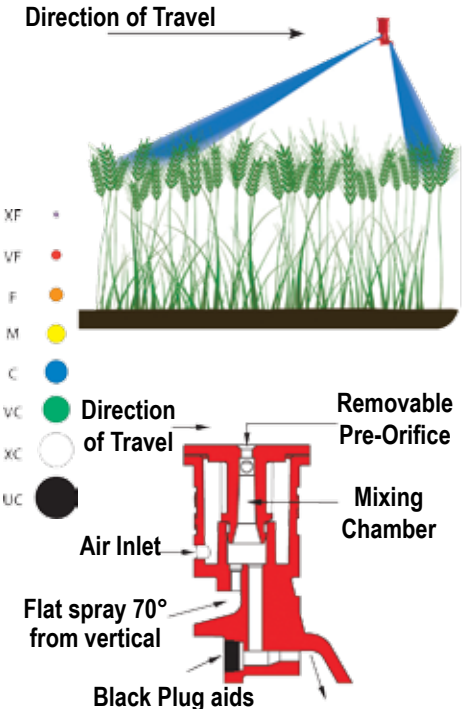
	20"
110°	20"

How to order:
Specify tip number.
Example:
AIXR11004VP –Polymer with VisiFlo color-coding

AI3070® Air Induction Dual Pattern Flat Spray Tips

Typical Applications:
Fungicide for wheat and cereal crops
See selection guide for recommended typical applications for AI3070 TeeJet tips.

Features:
- Provides excellent penetration and seed head coverage for fungicide spraying on cereal crops.
- AI3070 provides 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 venturi air aspirator.
- All acetal construction for excellent chemical and wear resistance.
- Removable pre-orifice for fast and easy cleaning.
- Suggested spray pressure range of 20-90 PSI (1.5-6 bar).
- Automatic alignment with the use of 98579-1-NYR Quick TeeJet cap and gasket.

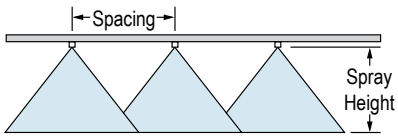


AI3070___-VP Spray Tip (Cross Section View)

PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20° GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 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
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
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
70	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
80	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
70	M	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	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
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
AI3070-025VP (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	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	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
70	C	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	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
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
AI3070-03VP (50)															
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	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
70	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
80	C	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	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
AI3070-04VP (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	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
70	C	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	C	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
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
AI3070-05VP (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	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
70	C	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
80	C	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
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).

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	VERY GOOD	EXCELLENT



Optimum Spray Height

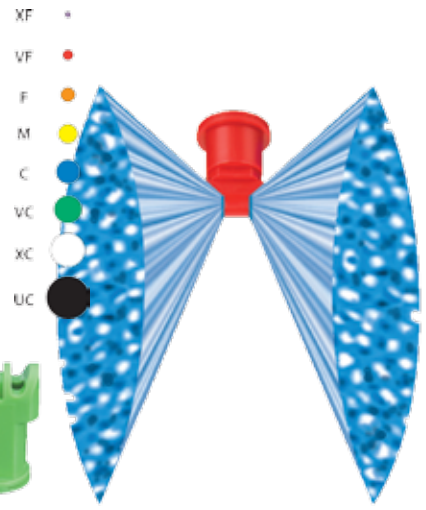
15"	9"
20"	12"
30"	18"

How to Order:
Example:
AI3070-04VP - Polymer with VisiFlo color coding
AI3070-03VPC - Polymer with VisiFlo color coding includes Quick TeeJet cap and gasket

Air Induction Turbo TwinJet® Twin Flat Spray Tips

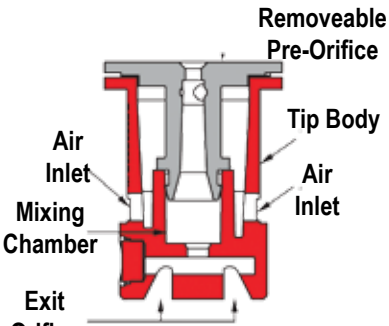
Typical Applications:
Roundup/Dicamba: very coarse to extremely coarse
See selection guide for recommended typical applications for AITTJ60 TeeJet tips.

Features:
- Air induction with dual 110° flat fan patterns.
- 60° between leading and trailing spray patterns.
- Good coverage with increased canopy penetration and best drift control.
- Best suited for post emergence applications.
- Excellent drift control with coarse to very coarse droplets.
- Available in nine VisiFlo color coded capacities (02-15), color represents total flow.
- Pressure ranges from 20-90 PSI (1.5-6 bar).
- Automatic spray alignment when used with 25598-*-NYR (02-06) or 98579-1-NYR (08-15) QuickJet TeeJet cap and gasket.



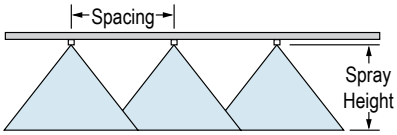
	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20° GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
AITTJ60-11002VP (100)	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	30	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	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
	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
	70	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
	80	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
	90	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
AITTJ60-110025VP (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
	70	C	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	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
	90	C	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
AITTJ60-11003VP (50)	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
	70	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
	80	C	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	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
AITTJ60-11004VP (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
	70	C	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	C	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	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
AITTJ60-11005VP (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
	70	C	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
	80	C	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	90	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
AITTJ60-11006VP (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
	70	C	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
	80	C	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
	90	C	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
AITTJ60-11008VP (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
	70	VC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	80	VC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5
	90	C	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6
AITTJ60-11010VP (50)	20	UC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	30	UC	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	40	UC	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50	XC	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60	XC	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
	70	XC	1.32	169	98	78	65	49	39	33	26	19.6	4.5	3.0	2.2	1.8
	80	XC	1.41	180	105	84	70	52	42	35	28	21	4.8	3.2	2.4	1.9
	90	VC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
AITTJ60-11015VP (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
	70	XC	1.98	253	147	118	98	74	59	49	39	29	6.7	4.5	3.4	2.7
	80	VC	2.12	271	157	126	105	79	63	52	42	31	7.2	4.8	3.6	2.9
	90	VC	2.25	288	167	134	111	84	67	56	45	33	7.7	5.1	3.8	3.1

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



AITTJ60-____VP Spray Tip Cross Section View

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



Optimum Spray Height

110°	20°

How to Order:
Specify tip number.
Example
AITTJ60-11004VP - Polymer with VisiFlo color coding
AITTJ60-1004VP-C - Polymer with VisiFlo color coding, includes Quick TeeJet cap and gasket

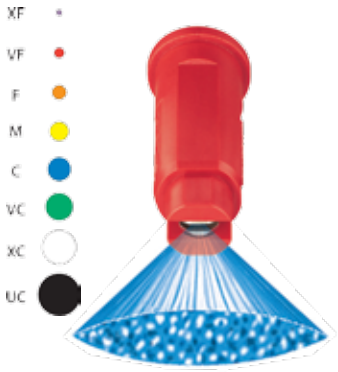
AI TeeJet® Air Induction Flat Spray Tips

Features:

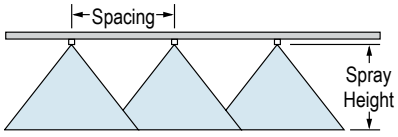
- Stainless steel insert produces a tapered edge flat spray pattern for uniform
- coverage in broadcast spraying.
- Polymer insert holder and pre-orifice with VisiFlo® color-coding.
- Larger droplets for less drift.
- Available in eight capacities with a recommended pressure rating
- 30–115 PSI
- Depending on the chemical, produces large air-filled drops through the use of a Venturi air aspirator.
- Automatic spray alignment with 25598-*-NYR Quick TeeJet® cap and gasket.

	PSI	DROP SIZE 80°	DROP SIZE 110°	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20° GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
AI80015 AI110015 (100)	30	UC	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	XC	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
	50	XC	XC	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	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
	70	VC	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
	80	VC	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
	90	VC	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
	100	C	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
AI8002 AI11002 (50)	30	UC	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	XC	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
	50	XC	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
	60	XC	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
	70	VC	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
	80	VC	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
	90	VC	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
	100	C	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
AI80025 AI110025 (50)	30	UC	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	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
	50	XC	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
	60	XC	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	VC	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
	80	VC	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
	90	VC	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
	100	VC	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
AI8003 AI11003 (50)	30	UC	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
	40	XC	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
	50	XC	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
	60	XC	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	VC	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
	80	VC	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
	90	VC	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
	100	VC	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
AI8004 AI11004 (50)	30	UC	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	XC	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
	50	XC	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
	60	XC	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	VC	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
	80	VC	VC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	90	VC	VC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	100	C	C	0.63	81	47	37	31	23	18.7	15.6	12.5	9.4	2.1	1.4	1.1	0.86
AI8005 AI11005 (50)	30	UC	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	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	XC	XC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	XC	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	VC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
	80	VC	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	90	VC	VC	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
	100	VC	VC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
AI8006 AI11006 (50)	30	UC	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	UC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	UC	XC	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	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	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	VC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
	90	XC	VC	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
	100	XC	VC	0.95	122	71	56	47	35	28	24	18.8	14.1	3.2	2.2	1.6	1.3
AI11008 (50)	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		UC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1
	50		XC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60		XC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
	70		XC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	80		VC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5
	90		VC	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6
	100		VC	1.26	161	94	75	62	47	37	31	25	18.7	4.3	2.9	2.1	1.7

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



CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



Optimum Spray Height

	20°
80°	30"
110°	20"

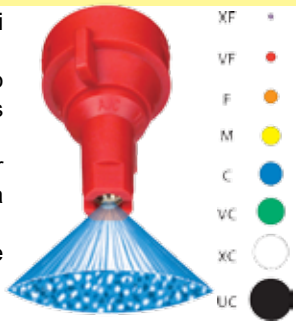
How to order:
Specify tip number.
Example:
AI11004-VS – Stainless Steel with VisiFlo color-coding

AIC TeeJet® Air Induction Flat Spray Tips

Typical Applications:
2, 4-D/Roundup/Dicamba: very coarse to extremely coarse

See selection guide for recommended applications for AI/AIC TeeJet tips.

Features:
- Produces a 110° tapered edge flat spray pattern for uniform coverage in broadcast spraying applications.
- Available with a polymer insert holder with stainless steel (015-15 capacities), ceramic (025-05 capacities), or polymer (02-10 capacities) inserts
- Larger droplets for less drift.
- Depending on the chemical, produces air-filled drops through the use of a Venturi air aspirator.
- AI TeeJet nozzle molded into Quick TeeJet cap provides automatic spray alignment.
- Includes tightly fitting washer that stays put and assures a good seal.
- Recommended pressure rating 30-115 PSI (2-8 bar).

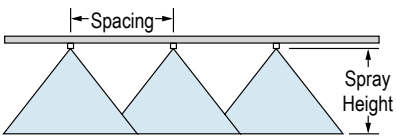


	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20° GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
AIC110015 (100)	30	UC	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18
	40	XC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	50	XC	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	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
	70	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
	80	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
	90	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
	100	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
AIC11002 (50)	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	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
	50	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
	60	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
	70	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
	80	VC	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
	90	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
	100	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
AIC110025 (50)	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	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
	50	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
	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	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
	80	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
	90	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
	100	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
AIC11003 (50)	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
	40	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
	50	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
	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	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
	80	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
	90	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
	100	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
AIC11004 (50)	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	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
	50	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
	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	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
	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
	90	VC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	100	C	0.63	81	47	37	31	23	18.7	15.6	12.5	9.4	2.1	1.4	1.1	0.86
AIC11005 (50)	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	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	XC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	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	VC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
	80	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	90	VC	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
	100	VC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
AIC11006 (50)	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	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	XC	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	VC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
	90	VC	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
	100	VC	0.95	122	71	56	47	35	28	24	18.8	14.1	3.2	2.2	1.6	1.3
AIC11008 (50)	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	UC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1
	50	XC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	XC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
	70	XC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	80	VC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5
	90	VC	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6
	100	VC	1.26	161	94	75	62	47	37	31	25	18.7	4.3	2.9	2.1	1.7
AIC11010	30	UC	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	40	UC	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50	XC	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60	XC	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
	70	XC	1.32	169	98	78	65	49	39	33	26	19.6	4.5	3.0	2.2	1.8
	80	XC	1.41	180	105	84	70	52	42	35	28	21	4.8	3.2	2.4	1.9
	90	VC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
	100	VC	1.58	202	117	94	78	59	47	39	31	23	5.4	3.6	2.7	2.1
AIC11015	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
	70	XC	1.98	253	147	118	98	74	59	49	39	29	6.7	4.5	3.4	2.7
	80	XC	2.12	271	157	126	105	79	63	52	42	31	7.2	4.8	3.6	2.9
	90	VC	2.25	288	167	134	111	84	67	56	45	33	7.7	5.1	3.8	3.1
	100	VC	2.37	303	176	141	117	88	70	59	47	35	8.1	5.4	4.0	3.2

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

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

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



Optimum Spray Height

110°	20°

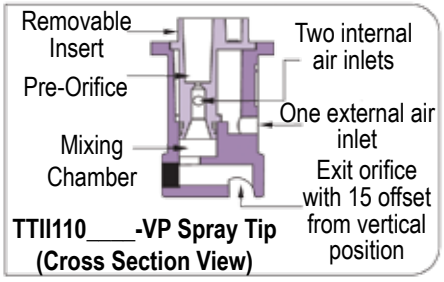
How to order:
Specify tip number.
Examples:
AIC11004-VS - Stainless Steel with VisiFlo color coding
AIC11003-VP - Polymer with VisiFlo color coding
AIC11003-VK - Ceramic with VisiFlo color codingket

Turbo TeeJet® Induction Flat Spray Tips

Typical Applications:
Roundup/Dicamba: extremely coarse to ultra coarse

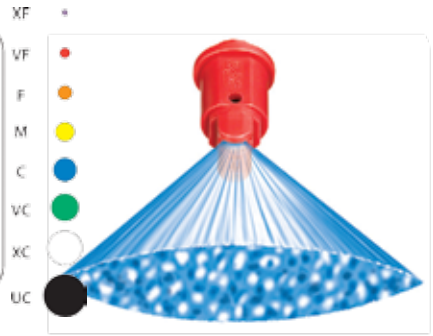
See selection guide for recommended typical applications for TTI TeeJet tips.

Features:
- 110° wide angle, air induction, tapered flat spray tip pattern based on the patented outlet orifice design of the original Turbo TeeJet nozzle.
- Patented orifice design provides large, round passages to minimize plugging.
- 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.
- Compact size to prevent tip damage.



TTII110____-VP Spray Tip (Cross Section View)

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

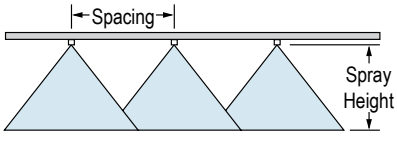


- Removable pre-orifice.
- Ideal for use with automatic sprayer controllers.
- Wide pressure range:15-100 PSI
- Automatic alignment when used with 25598-*-NYR Quick TeeJet cap and gasket

	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20° GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
TTI110015 (100)	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
TTI11002 (50)	15	UC	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	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	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
	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
TTI110025 (50)	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	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
	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	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
	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
TTI11003 (50)	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	0.26	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	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	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
	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
TTI11004 (50)	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	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
	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
TTI11005 (50)	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	8.3	1.9	1.3	0.95	0.76
	60	UC	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	17.6	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
TTI11006 (50)	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	22	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	UC	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	122	71	56	47	35	28	24	18.8	14.1	3.2	2.2	1.6	1.3

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

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
–	EXCELLENT	EXCELLENT



Optimum Spray Height

110°	20°

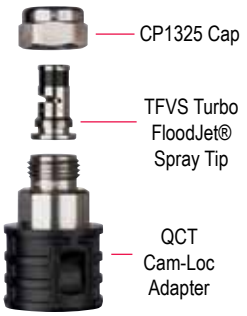
How to order:
Specify tip number.
Examples:
TI11004-VP- Polymer with VisiFlo color coding
TTI1003-VP-C - Polymer with VisiFlo color coding, includes Quick TeeJet cap and gasket

Turbo FloodJet® Wide Angle Flat Spray Tips

Typical Applications:
See selection guide for recommended typical applications for Turbo FloodJet tips.

Features:
- Excellent spray distribution for uniform coverage along the boom.
- Nozzle design incorporates a pre-orifice to produce larger droplets for less drift.
- Large, round orifice reduces clogging.
- Stainless steel or polymer with VisiFlo color-coding band for easy size identification.
- Can be used with CP25600-*-NYR Quick TeeJet cap and gasket for automatic alignment.

QCT Cam-Loc Adapter
- Provides easy changeover from high capacity to lower capacity nozzles.
- Adapter fits standard ¾" quick connect Cam-Loc holders.
- Corrosion-resistant stainless steel and polypropylene construction.
- Rated up to 100 PSI.
- Use QJT-NYB to retrofit to Quick TeeJet.

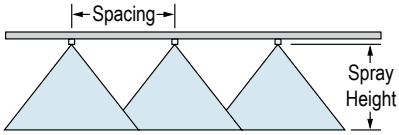


	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	40" GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	20" GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
TF-†2 (50)	10	XC	0.20	26	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.68	0.45	0.34	0.27
	20	XC	0.28	36	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.95	0.63	0.48	0.38
	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
TF-†2.5 (50)	10	XC	0.25	32	9.3	7.4	6.2	4.6	3.7	3.1	2.5	1.9	0.85	0.57	0.43	0.34
	20	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
	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
	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
TF-†3 (50)	10	XC	0.30	38	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	1.0	0.68	0.51	0.41
	20	XC	0.42	54	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	1.4	0.95	0.71	0.57
	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
TF-†4 (50)	10	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
	20	XC	0.57	73	21	16.9	14.1	10.6	8.5	7.1	5.6	4.2	1.9	1.3	0.97	0.78
	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
TF-†5	10	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
	20	XC	0.71	91	26	21	17.6	13.2	10.5	8.8	7.0	5.3	2.4	1.6	1.2	0.97
	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
TF-†7.5	10	XC	0.75	96	28	22	18.6	13.9	11.1	9.3	7.4	5.6	2.6	1.7	1.3	1.0
	20	XC	1.06	136	39	31	26	19.7	15.7	13.1	10.5	7.9	3.6	2.4	1.8	1.4
	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
	40	XC	1.50	192	56	45	37	28	22	18.6	14.9	11.1	5.1	3.4	2.6	2.0
TF-†10	10	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
	20	XC	1.41	180	52	42	35	26	21	17.4	14.0	10.5	4.8	3.2	2.4	1.9
	30	XC	1.73	221	64	51	43	32	26	21	17.1	12.8	5.9	3.9	2.9	2.4
	40	XC	2.00	256	74	59	50	37	30	25	19.8	14.9	6.8	4.5	3.4	2.7

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

Very Fine · Fine · Medium · Coarse · Very Coarse · Extremely Coarse

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
—	VERY GOOD	EXCELLENT



Optimum Spray Height

20"	24"*
30"	30"*
40"	39"*

*Wide angle spray nozzle height is influenced by nozzle orientation. The critical factor is to achieve a minimum 30% overlap.

How to order:
Specify tip number.
Examples:
TF-VS4 – Stainless Steel with VisiFlo color-coding
TF-VP4 – Polymer with VisiFlo color-coding

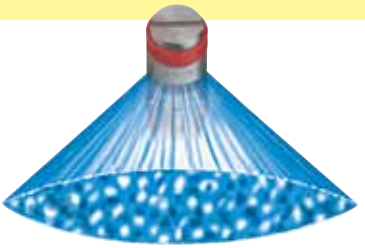
TurfJet Wide Angle Flat Fan Spray Nozzles

Typical Applications:

See selection guide for recommended typical applications for Wide Angle Flat Fan Spray Nozzles.

Features:

- Can be used with Quick TeeJet® cap QJ4676-*-NYR.
- Very large droplets.
- Direct replacement for plastic hollow-cone, low-drift nozzles.
- More precise flow and distribution pattern.
- Large orifice reduces clogging.
- Nozzle spacing—20–40"
- Spraying pressure—25–75 PSI



	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	40" GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	20" GALLONS PER 1000 SQ. FT. 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
	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
1/4TTJ05 (50)	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
	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
1/4TTJ06 (50)	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
	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
1/4TTJ08	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
	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
1/4TTJ10	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
	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
1/4TTJ15	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
	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

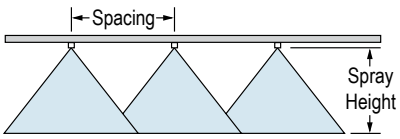
Note: Always double check your application rates.
Tabulations are based on spraying water at 70°F (21°C).

Very Fine | Fine | Medium | Coarse | Very Coarse | Extremely Coarse

QJ4676-90-1/4-NYR

- 90° fitting attaches to Quick TeeJet bodies—¼" female threaded outlet.
- Simple installation of TurfJet nozzles on vertical nozzle bodies.
- Nylon construction.

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
—	EXCELLENT	EXCELLENT



Optimum Spray Height

20"	24"
30"	30"
40"	39"*

*Wide angle spray nozzle height is influenced by nozzle orientation. The critical factor is to achieve a minimum 30% overlap.

See pages 173–187 for drop size classification, useful formulas and information.

How to order:

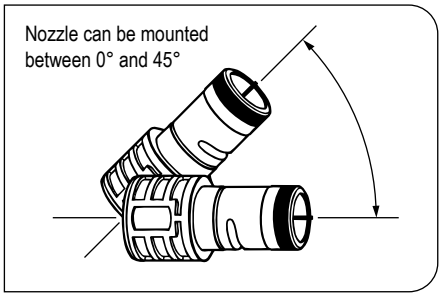
Specify tip number.

Examples:

1/4TTJ04-VS – Stainless Steel with VisiFlo® color-coding

1/4TTJ06-VP – Polymer with VisiFlo color-coding

Quick Turbo FloodJet® Wide Angle Flat Spray Tips



The revolutionary Quick Turbo FloodJet nozzle combines the precision and uniformity of a flat spray nozzle with the clog-resistance and wide angle pattern of flooding nozzles. It uses an exclusive new design to increase droplet size and distribution uniformity.

Features:

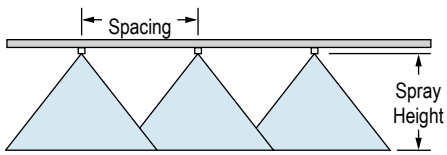
- Patented turbulence chamber creates a dramatic improvement in pattern uniformity.
- Pre-orifice design produces larger droplets for reduced drift.
- Large, round orifice reduces clogging.
- Grooved side molding for automatic alignment with any quick-connect coupler.
- Stainless steel with color-coding for easy size identification.
- Available in standard sizes from 1.5 GPM up to 24.0 GPM at pressures of 10–40 PSI.

How to order:

Specify tip number.

Example:

QCTF-VS40 – Stainless Steel with VisiFlo® color-coding



Optimum Spray Height*

40”	40”
60”	60”

*When nozzle is mounted parallel to the ground.

SOIL INCORPORATED	PRE-EMERGENCE	DRIFT MANAGEMENT
EXCELLENT	EXCELLENT	EXCELLENT

	PSI	Cap. One Nozzle in GPM	GPA 60” — LARGE CAPACITY QUICK FLOODJET NOZZLES TYPICAL SPACING IS 60 INCHES										
			4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	12 mph	14 mph	16 mph	18 mph
QCTF-VS15	10	1.50	37	30	25	21	18.6	16.5	14.9	12.4	10.6	9.3	8.3
	20	2.12	52	42	35	30	26	23	21	17.5	15.0	13.1	11.7
	30	2.60	64	51	43	37	32	29	26	21	18.4	16.1	14.3
	40	3.00	74	59	50	42	37	33	30	25	21	18.6	16.5
QCTF-VS20	10	2.00	50	40	33	28	25	22	19.8	16.5	14.1	12.4	11.0
	20	2.83	70	56	47	40	35	31	28	23	20	17.5	15.6
	30	3.46	86	69	57	49	43	38	34	29	24	21	19.0
	40	4.00	99	79	66	57	50	44	40	33	28	25	22
QCTF-VS30	10	3.00	74	59	50	42	37	33	30	25	21	18.6	16.5
	20	4.24	105	84	70	60	52	47	42	35	30	26	23
	30	5.20	129	103	86	74	64	57	51	43	37	32	29
	40	6.00	149	119	99	85	74	66	59	50	42	37	33
QCTF-VS40	10	4.00	99	79	66	57	50	44	40	33	28	25	22
	20	5.66	140	112	93	80	70	62	56	47	40	35	31
	30	6.93	172	137	114	98	86	76	69	57	49	43	38
	40	8.00	198	158	132	113	99	88	79	66	57	50	44
QCTF-VS50	10	5.00	124	99	83	71	62	55	50	41	35	31	28
	20	7.07	175	140	117	100	87	78	70	58	50	44	39
	30	8.66	214	171	143	122	107	95	86	71	61	54	48
	40	10.00	248	198	165	141	124	110	99	83	71	62	55
QCTF-VS60	10	6.00	149	119	99	85	74	66	59	50	42	37	33
	20	8.49	210	168	140	120	105	93	84	70	60	53	47
	30	10.4	257	206	172	147	129	114	103	86	74	64	57
	40	12.0	297	238	198	170	149	132	119	99	85	74	66
QCTF-VS80	10	8.00	198	158	132	113	99	88	79	66	57	50	44
	20	11.3	280	224	186	160	140	124	112	93	80	70	62
	30	13.9	344	275	229	197	172	153	138	115	98	86	76
	40	16.0	396	317	264	226	198	176	158	132	113	99	88
QCTF-VS100	10	10.0	248	198	165	141	124	110	99	83	71	62	55
	20	14.1	349	279	233	199	174	155	140	116	100	87	78
	30	17.3	428	343	285	245	214	190	171	143	122	107	95
	40	20.0	495	396	330	283	248	220	198	165	141	124	110
QCTF-VS120	10	12.0	297	238	198	170	149	132	119	99	85	74	66
	20	17.0	421	337	281	240	210	187	168	140	120	105	94
	30	20.8	515	412	343	294	257	229	206	172	147	129	114
	40	24.0	594	475	396	339	297	264	238	198	170	149	132

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

StreamJet® SJ-7 Fertilizer Nozzles

Typical Application:
Excellent for application of liquid fertilizer.

Features:
- Creates seven identical fluid streams of equal velocity and capacity.
- Excellent spray distribution quality.
- Removable metering orifice for easy cleaning.
- Offered in a variety of sizes for a wide range of application rates.
- VisiFlo® color-coding for easy capacity identification.
- All acetal construction for excellent chemical resistance.
- Recommended operating pressure: 20–60 PSI

How to order:
Specify nozzle number.
Example: SJ7-04-VP

Optimum Spray Height

20”	20”
30”	30”
40”	40”

50854-NYB Extension Adapter

	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
SJ7-015-VP (100)	20	0.10	9.9	7.4	5.9	5.0	3.7	3.0	2.5	2.1	1.9	1.7	1.5
	30	0.12	11.9	8.9	7.1	5.9	4.5	3.6	3.0	2.5	2.2	2.0	1.8
	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	0.18	17.8	13.4	10.7	8.9	6.7	5.3	4.5	3.8	3.3	3.0	2.7
SJ7-02-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	0.23	23	17.1	13.7	11.4	8.5	6.8	5.7	4.9	4.3	3.8	3.4
	60	0.25	25	18.6	14.9	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7
SJ7-03-VP (50)	20	0.22	22	16.3	13.1	10.9	8.2	6.5	5.4	4.7	4.1	3.6	3.3
	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
SJ7-04-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	0.35	35	26	21	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2
	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	0.46	46	34	27	23	17.1	13.7	11.4	9.8	8.5	7.6	6.8
SJ7-05-VP (50)	20	0.38	38	28	23	18.8	14.1	11.3	9.4	8.1	7.1	6.3	5.6
	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	0.54	53	40	32	27	20	16.0	13.4	11.5	10.0	8.9	8.0
	60	0.58	57	43	34	29	22	17.2	14.4	12.3	10.8	9.6	8.6
SJ7-06-VP (50)	20	0.45	45	33	27	22	16.7	13.4	11.1	9.5	8.4	7.4	6.7
	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	0.65	64	48	39	32	24	19.3	16.1	13.8	12.1	10.7	9.7
	60	0.70	69	52	42	35	26	21	17.3	14.9	13.0	11.6	10.4
SJ7-08-VP	20	0.57	56	42	34	28	21	16.9	14.1	12.1	10.6	9.4	8.5
	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	0.87	86	65	52	43	32	26	22	18.5	16.1	14.4	12.9
	60	0.93	92	69	55	46	35	28	23	19.7	17.3	15.3	13.8
SJ7-10-VP	20	0.71	70	53	42	35	26	21	17.6	15.1	13.2	11.7	10.5
	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	1.09	108	81	65	54	40	32	27	23	20	18.0	16.2
	60	1.16	115	86	69	57	43	34	29	25	22	19.1	17.2
SJ7-15-VP	20	1.03	102	76	61	51	38	31	25	22	19.1	17.0	15.3
	30	1.29	128	96	77	64	48	38	32	27	24	21	19.2
	40	1.50	149	111	89	74	56	45	37	32	28	25	22
	50	1.64	162	122	97	81	61	49	41	35	30	27	24
	60	1.76	174	131	105	87	65	52	44	37	33	29	26

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

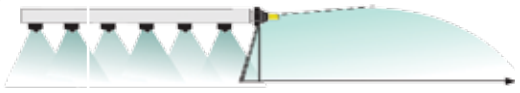
HYPRO® Boom X Tender® Spray Nozzles

The XT introduces boomless spray technology, enabling spray to be targeted into places that conventional booms and other tips cannot reach. XT delivers a uniform spray pattern over a distance of up to 20 feet. Ideal for weed control in forest and over pasture land. The smallest size, the XT010, is especially useful for application made using ATV sprayers.

Boom X Tender Nozzle Features:

- Ideal for applications where a conventional boom cannot be used
- Common uses include orchard, vineyard, forestry, pasture, turf and golf course spraying, as well as maintaining rights of way and fence rows
- Excellent low drift option while extending reach
- Large droplet size reduces spray drift and promotes spray penetration
- Maintains a consistent spray swath over a pressure range of 30-60 PSI
- Standard models with precision-molded polyacetal tip and threaded stainless steel body provide excellent durability and low maintenance
- FastCap models design with precision-modeled polyacetal tip and cap
- Can be used with manual or automatic rate controllers

Common Uses of the Boom X Tender® Spray Nozzles

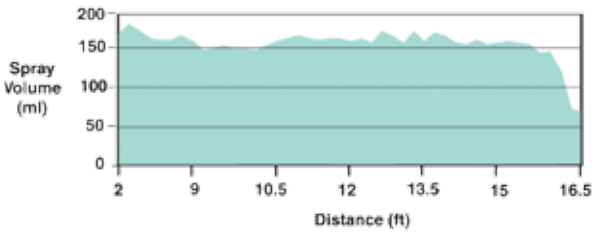


Boom X Tender® Spraying (last tip on the boom)

Boomless Spraying

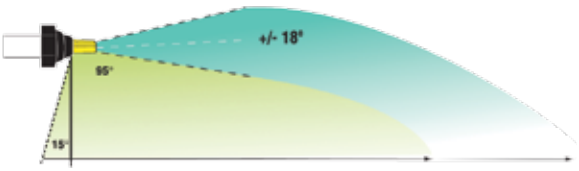
Boomless Spraying with Center Nozzle

Typical Spray Pattern Produced by XT Series



Adjustable Swath Width

Swath width can be increased or decreased by adjusting the angle of the tip +/- 18°.



BROADCAST and TURF Applications				Application Rate (GPA) at MPH												US Gal/1000 sq.ft. at MPH				Overall Swath (ft) @ 40PSI
Thread*	XT model	PSI	US GPM	4	5	6	7	8	10	12	14	16	18	20		2	3	4	5	
1/4" MNPT	XT010	30	0.9	9.3	7.4	6.2	5.3	4.6	3.7	3.1	2.7	2.3	2.1	1.9		0.43	0.28	0.21	0.17	12
		40	1.0	10.3	8.3	6.9	5.9	5.2	4.1	3.4	2.9	2.6	2.3	2.1		0.47	0.32	0.24	0.19	
		50	1.1	11.3	9.1	7.6	6.5	5.7	4.5	3.8	3.2	2.8	2.5	2.3		0.52	0.35	0.26	0.21	
		60	1.2	12.4	9.9	8.3	7.1	6.2	5.0	4.1	3.5	3.1	2.8	2.5		0.57	0.38	0.28	0.23	
1/4" MNPT*	XT020 FC-XT020	30	1.7	12.4	9.9	8.3	7.1	6.2	5.0	4.1	3.5	3.1	2.8	2.5		0.57	0.38	0.28	0.23	17
		40	2.0	14.6	11.6	9.7	8.3	7.3	5.8	4.9	4.2	3.6	3.2	2.9		0.67	0.45	0.33	0.27	
		50	2.2	16.0	12.8	10.7	9.2	8.0	6.4	5.3	4.6	4.0	3.6	3.2		0.74	0.49	0.37	0.29	
		60	2.4	17.5	14.0	11.6	10.0	8.7	7.0	5.8	5.0	4.4	3.9	3.5		0.80	0.53	0.40	0.32	
1/4" MNPT*	XT024 FC-XT024	30	2.1	14.4	11.6	9.6	8.3	7.2	5.8	4.8	4.1	3.6	3.2	2.9		0.66	0.44	0.33	0.27	18
		40	2.4	16.5	13.2	11.0	9.4	8.3	6.6	5.5	4.7	4.1	3.7	3.3		0.76	0.51	0.38	0.30	
		50	2.7	18.6	14.9	12.4	10.6	9.3	7.4	6.2	5.3	4.6	4.1	3.7		0.85	0.57	0.43	0.34	
		60	2.9	19.9	16.0	13.3	11.4	10.0	8.0	6.6	5.7	5.0	4.4	4.0		0.92	0.61	0.46	0.37	
3/8" MNPT*	XT043 FC-XT043	30	3.7	25	20	17.0	14.5	12.7	10.2	8.5	7.3	6.4	5.7	5.1		1.2	0.78	0.58	0.47	18
		40	4.3	30	24	19.7	16.9	14.8	11.8	9.9	8.4	7.4	6.6	5.9		1.4	0.90	0.68	0.54	
		50	4.8	33	26	22	18.9	16.5	13.2	11.0	9.4	8.3	7.3	6.6		1.5	1.0	0.76	0.61	
		60	5.3	36	29	24	21	18.2	14.6	12.1	10.4	9.1	8.1	7.3		1.7	1.1	0.84	0.67	
1/2" MNPT	XT080	30	6.9	50	40	33	29	25	20	16.7	14.4	12.6	11.2	10.0		2.3	1.5	1.2	0.92	17
		40	8.0	58	47	39	33	29	23	19.4	16.6	14.6	12.9	11.6		2.7	1.8	1.3	1.1	
		50	8.9	65	52	43	37	32	26	22	18.5	16.2	14.4	13.0		3.0	2.0	1.5	1.2	
		60	9.8	71	57	48	41	36	29	24	20	17.8	15.9	14.3		3.3	2.2	1.6	1.3	
3/4" MNPT	XT167	30	14.5	100	80	66	57	50	40	33	28	25	22	20		4.6	3.1	2.3	1.8	18
		40	16.7	115	92	77	66	57	46	38	33	29	26	23		5.3	3.5	2.6	2.1	
		50	18.7	129	103	86	73	64	51	43	37	32	29	26		5.9	3.9	3.0	2.4	
		60	20.5	141	113	94	81	70	56	47	40	35	31	28		6.5	4.3	3.2	2.6	
3/4" MNPT	XT215	30	18.6	115	92	77	66	58	46	38	33	29	26	23		5.3	3.5	2.6	2.1	20
		40	21.5	133	106	89	76	67	53	44	38	33	30	27		6.1	4.1	3.1	2.4	
		50	24.0	149	119	99	85	74	59	50	42	37	33	30		6.8	4.5	3.4	2.7	
		60	26.3	163	130	108	93	81	65	54	46	41	36	33		7.5	5.0	3.7	3.0	

Note: Application rates are based on overall swath widths listed at 48" height. Refer to operating instructions if using a different swath.
* Thread sizes applicable to standard models with threaded stainless steel body only.

BOOM BUSTER SPRAY NOZZLES

Features

- All nozzles machined from solid stainless steel. All have replaceable industrial grade nylon diffusers. (Test have shown this nylon will outlast stainless steel)
- Extra wide spray pattern
- Excellent pattern and distribution
- All models spray chemicals and fertilizer
- All nozzles have standard pipe thread
- No small, fine mesh strainers to stop up

Example of Uses for Boom Buster Nozzles:

- Spraying herbicide, fungicides, & insecticides on crops, vineyard, and orchards
- Spraying liquid fertilizer, nitrogen, & foliar feed fertilizer on crops
- Spraying chemical and fertilizer on turf and golf courses
- Spraying chemical and fertilizer on canals, waterways, lakes, and ponds

How to Use Chart:

Find desired gallons per acre. Find MPH directly above. Move left from gallons per acre to find correct nozzles.
Calculations were made with water using a single nozzle 4 feet from the ground.

Note:

- Larger sizes and right-away nozzles available
- Nozzle fitting ¼" standard pipe thread requires ⅜" supply line. Two ¼" nozzles on a single supply line require ½" supply line.
- Nozzle fitting ⅜" standard pipe thread requires ½" supply line. Two ⅜" nozzles on a single supply line require ¾" supply line.

Boom Buster Model	PSI	GPM	Mount Angle	Range (ft)	Speed (MPH) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Gallons Per Acre
125 1/4" Pipe Thread	30	1.7	Level	15.5	54	27	18	14	11	9	8	7	6	5						
	40	2			64	32	21	16	13	11	9	8	7	6						
140 1/4" Pipe Thread	30	2	Level	16.5	60	30	20	15	12	10	9	8	7	6	5.5	5.0	4.6	4.3	6.4	
	40	2.4			72	36	24	18	14	12	10	9	8	7	6.5	6.0	5.5	5.1	7.7	
	50	2.7			81	41	27	20	16	14	12	10	9	8	7.4	6.8	6.2	5.8	8.6	
187 3/8" Pipe Thread	30	3.6	Level	18.5	96	48	32	24	19	16	14	12	11	10	9	8	7	6.9	6.4	
	40	4.3			115	58	38	29	23	19	16	14	13	12	10	10	9	8.2	7.7	
	50	4.8			128	64	43	32	26	21	18	16	14	13	12	11	10	9.2	8.6	
265 1/2" Pipe Thread	30	6.8	Level	19.5	173	86	58	43	35	29	25	22	19	17	16	14	13	12	12	
	40	8			203	102	68	51	41	34	29	25	23	20	18	17	16	15	14	
	50	8.8			223	112	74	56	45	37	32	28	25	22	20	19	17	16	15	

PSI- pounds per square inch

GPM - gallons per minute

less than 30 gpm

20 to 50 gpm

50 to 100 gpm

100+ gpm

Nozzle data assumes mounting at 4 feet from the ground to be sprayed

AIR BLAST SPRAY NOZZLES

Disc-Core Hollow Cone Type Spray Tips

Hollow Cone Spray Pattern
Produced by Cores #13, 23, 25, 45 & 46

TeeJet® **Disc-Core Hollow Cone Type Spray Tips**

			100 PSI	150 PSI	200 PSI	300 PSI	20 PSI	40 PSI	80 PSI
D1	DC13	.031"	.097	.115	.128	.152	—	51°	62°
D1.5	DC13	.036"	.110	.127	.142	.167	38°	55°	66°
D2	DC13	.041"	.12	.14	.16	.18	49°	67°	72°
D3	DC13	.047"	.13	.16	.18	.20	53°	70°	75°
D4	DC13	.063"	.17	.20	.23	.27	69°	79°	83°
D1	DC23	.031"	.107	.124	.139	.164	—	47°	58°
D1.5	DC23	.036"	.130	.155	.175	.210	34°	51°	62°
D2	DC23	.041"	.16	.19	.21	.25	51°	63°	70°
D3	DC23	.047"	.18	.21	.24	.28	58°	69°	75°
D4	DC23	.063"	.23	.28	.32	.38	68°	82°	87°
D5	DC23	.078"	.28	.34	.38	.46	79°	89°	94°
D6	DC23	.094"	.32	.39	.45	.54	84°	93°	98°
D1	DC25	.031"	.156	.185	.210	.255	—	27°	43°
D1.5	DC25	.036"	.205	.245	.280	.33	—	38°	49°
D2	DC25	.041"	.25	.29	.34	.41	39°	51°	58°
D3	DC25	.047"	.29	.35	.40	.48	52°	61°	67°
D4	DC25	.063"	.45	.54	.62	.75	67°	74°	80°
D5	DC25	.078"	.54	.65	.75	.90	73°	79°	84°
D6	DC25	.094"	.70	.85	.97	1.19	79°	85°	89°
D7	DC25	.109"	.81	.98	1.18	1.37	85°	91°	93°
D8	DC25	.125"	.97	1.19	1.36	1.68	91°	96°	97°
D10	DC25	.156"	1.21	1.48	1.71	2.1	97°	102°	103°
D12	DC25	.188"	1.47	1.81	2.09	2.55	103°	109°	112°
D14	DC25	.219"	1.65	2.02	2.34	2.89	108°	113°	114°
D1	DC45	.031"	.190	.225	.257	.310	—	22°	34°
D1.5	DC45	.036"	.25	.31	.35	.43	—	33°	44°
D2	DC45	.041"	.32	.38	.44	.53	32°	46°	55°
D3	DC45	.047"	.36	.44	.51	.62	40°	53°	60°
D4	DC45	.063"	.56	.68	.78	.95	62°	69°	72°
D5	DC45	.078"	.71	.86	.99	1.22	67°	73°	76°
D6	DC45	.094"	.93	1.15	1.33	1.64	73°	79°	81°
D7	DC45	.109"	1.11	1.35	1.57	1.94	81°	86°	87°
D8	DC45	.125"	1.35	1.68	1.94	2.40	86°	90°	90°
D10	DC45	.156"	1.77	2.18	2.50	3.10	90°	93°	93°
D12	DC45	.188"	2.20	2.69	3.11	3.80	97°	100°	102°
D14	DC45	.218"	2.45	3.00	3.49	4.30	101°	104°	105°
D16	DC45	.250"	2.89	3.54	4.11	5.20	108°	111°	112°
D1	DC46	.031"	.23	.28	.32	.39	—	13°	15°
D1.5	DC46	.036"	.33	.41	.46	.56	—	15°	17°
D2	DC46	.041"	.42	.50	.57	.68	—	18°	21°
D3	DC46	.047"	.51	.61	.70	.86	14°	20°	24°
D4	DC46	.063"	.88	1.07	1.23	1.52	23°	29°	33°
D5	DC46	.078"	1.25	1.50	1.73	2.13	33°	39°	42°
D6	DC46	.094"	1.73	2.16	2.50	3.06	42°	48°	50°
D7	DC46	.109"	2.22	2.73	3.15	3.85	48°	53°	56°
D8	DC46	.125"	2.93	3.60	4.17	5.05	—	60°	62°
D10	DC46	.156"	3.96	4.83	5.59	6.80	—	66°	68°

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

ATR Abluz

Applications:
- For fungicides and insecticides
- Recommended for arboriculture and vineyards

Features:
- Replaces disc & cores
- Angle of 80 at 70 psi
- Hollow cone nozzles producing fine droplets
- Albuz ATR Ceramic allows work at high pressure
- Three Ceramic inserts outwear stainless steel nozzles by up to 10 times
- Easy dismantling for cleaning
- Held on deep brass caps SS20230
- Recommended pressure 40 to 340 psi

ALBUZ **ATR Spray Tips**

Tips	100 PSI	150 PSI	220 PSI
Lilac	0.109	0.131	0.157
Brown	0.148	0.178	0.212
Yellow	0.225	0.271	0.323
Orange	0.302	0.363	0.433
Red	0.423	0.51	0.609
Green	0.545	0.657	0.784
Blue	0.751	0.905	1.079

How to order Albuz ATR Spray Tips:

To order Albuz nozzles, specify color

Examples:

ATR-Lilac – Lilac color tip

How to order TeeJet Hollow Cone:

To order orifice disc only, specify disc number and material.

Examples:

DCER-2 – Ceramic
D2 – Hardened Stainless Steel
DE-2 – Stainless Steel
DVP-2 – Polymer

To order core only, specify core number and material.

Examples:

DC13-CER – Ceramic
DC13-HSS – Hardened Stainless Steel
DC13-AL – Aluminum
DC13 – Brass
DC13-NY – Nylon

Newton Crouch usually uses Orifice/ Flow Regulators for banding Nitrogen on a row or dripping Nitrogen on wheat with John Blue Pumps. Also, flow regulators are usually mounted behind cultivator shanks for the subsurface application of liquid fertilizers and soil fumigants.

How to order:
Specify orifice plate number.
Example: CP4916-008

Typical Assembly Used By Newton Crouch Inc

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

$$\text{GPM (per nozzle)} = \frac{\text{GPA} \times \text{MPH} \times W}{5940}$$

$$\text{GPA} = \frac{5940 \times \text{GPM (per nozzle)}}{\text{MPH} \times W}$$

Tabulated flow rates are for spraying water into air atmospheric pressure. If your application creates back pressure, or if spraying into a liquid, measure and calibrate to ensure proper application rates. For spraying solutions other than water, see "How to Pick an Orifice" for conversion factors.

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

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

D Disc Equivalents to CP4916-(_)

D Disc	CP4916- (__)	D Disc	CP4916- (__)
DI	31	D6	94
D1.5	36	D7	109
D2	41	D8	125
D3	47	D10	156
D4	63	D12	189
D5	78		

JohnBlue Orifice Selector VisaGauge helps take the guess work out of orifices. See *PAGE 174* to learn more.

	GPM						
	5 psi	10 psi	20 psi	30 psi	40 psi	50 psi	60 psi
CP4916-008	0.003	0.004	0.006	0.007	0.008	0.009	0.010
CP4916-10	0.005	0.007	0.009	0.011	0.013	0.015	0.016
CP4916-12	0.007	0.010	0.013	0.016	0.019	0.021	0.023
CP4916-14	0.009	0.013	0.018	0.022	0.025	0.028	0.031
CP4916-15	0.010	0.015	0.021	0.025	0.029	0.032	0.036
CP4916-16	0.012	0.017	0.023	0.029	0.033	0.037	0.040
CP4916-18	0.015	0.021	0.030	0.036	0.042	0.047	0.051
CP4916-20	0.018	0.026	0.037	0.045	0.052	0.058	0.064
CP4916-22	0.022	0.031	0.043	0.053	0.061	0.068	0.075
CP4916-24	0.026	0.037	0.052	0.064	0.074	0.083	0.091
CP4916-25	0.028	0.040	0.056	0.068	0.079	0.088	0.097
CP4916-26	0.030	0.043	0.061	0.074	0.086	0.096	0.105
CP4916-27	0.032	0.046	0.064	0.079	0.091	0.102	0.111
CP4916-28	0.035	0.049	0.069	0.085	0.098	0.110	0.120
CP4916-29	0.038	0.054	0.076	0.094	0.108	0.121	0.132
CP4916-30	0.040	0.057	0.081	0.099	0.114	0.127	0.140
CP4916-31	0.043	0.062	0.087	0.107	0.123	0.138	0.151
CP4916-32	0.048	0.068	0.095	0.117	0.135	0.151	0.165
CP4916-34	0.052	0.074	0.104	0.127	0.147	0.164	0.180
CP4916-35	0.056	0.079	0.111	0.136	0.157	0.176	0.192
CP4916-37	0.061	0.086	0.122	0.149	0.172	0.192	0.211
CP4916-39	0.068	0.096	0.135	0.165	0.191	0.214	0.234
CP4916-40	0.072	0.102	0.144	0.177	0.204	0.228	0.250
CP4916-41	0.075	0.106	0.149	0.183	0.211	0.236	0.258
CP4916-43	0.082	0.116	0.163	0.200	0.231	0.258	0.283
CP4916-45	0.088	0.125	0.177	0.217	0.250	0.280	0.306
CP4916-46	0.095	0.135	0.191	0.234	0.270	0.302	0.331

	GPM						
	5 psi	10 psi	20 psi	30 psi	40 psi	50 psi	60 psi
CP4916-47	0.097	0.138	0.194	0.238	0.275	0.307	0.337
CP4916-48	0.101	0.143	0.202	0.248	0.286	0.320	0.350
CP4916-49	0.104	0.148	0.209	0.255	0.295	0.330	0.361
CP4916-51	0.116	0.165	0.233	0.285	0.329	0.368	0.403
CP4916-52	0.118	0.168	0.237	0.290	0.335	0.375	0.410
CP4916-54	0.127	0.180	0.255	0.312	0.360	0.402	0.441
CP4916-55	0.133	0.189	0.267	0.326	0.377	0.421	0.462
CP4916-57	0.141	0.200	0.283	0.346	0.400	0.447	0.490
CP4916-59	0.153	0.217	0.306	0.375	0.433	0.484	0.530
CP4916-61	0.165	0.233	0.330	0.404	0.466	0.521	0.571
CP4916-63	0.174	0.246	0.347	0.425	0.491	0.549	0.601
CP4916-65	0.185	0.261	0.369	0.452	0.522	0.584	0.639
CP4916-67	0.196	0.278	0.392	0.481	0.555	0.621	0.680
CP4916-68	0.203	0.287	0.405	0.496	0.573	0.641	0.702
CP4916-70	0.216	0.306	0.433	0.530	0.612	0.684	0.750
CP4916-72	0.226	0.320	0.453	0.554	0.640	0.716	0.784
CP4916-73	0.233	0.330	0.467	0.572	0.660	0.738	0.808
CP4916-75	0.245	0.347	0.491	0.601	0.694	0.776	0.850
CP4916-78	0.272	0.385	0.544	0.667	0.770	0.861	0.943
CP4916-80	0.280	0.397	0.561	0.687	0.793	0.887	0.971
CP4916-81	0.290	0.411	0.581	0.711	0.821	0.918	1.01
CP4916-83	0.317	0.449	0.634	0.777	0.897	1.00	1.10
CP4916-86	0.332	0.470	0.664	0.813	0.939	1.05	1.15
CP4916-89	0.346	0.490	0.693	0.849	0.980	1.10	1.20
CP4916-91	0.369	0.523	0.739	0.905	1.05	1.17	1.28
CP4916-93	0.387	0.547	0.774	0.947	1.09	1.22	1.34
CP4916-95	0.404	0.572	0.808	0.990	1.14	1.28	1.40

	GPM						
	5 psi	10 psi	20 psi	30 psi	40 psi	50 psi	60 psi
CP4916-98	0.442	0.625	0.884	1.08	1.25	1.40	1.53
CP4916-103	0.461	0.653	0.923	1.13	1.31	1.46	1.60
CP4916-107	0.518	0.733	1.04	1.27	1.47	1.64	1.79
CP4916-110	0.548	0.775	1.10	1.34	1.55	1.73	1.90
CP4916-115	0.605	0.855	1.21	1.48	1.71	1.91	2.09
CP4916-120	0.629	0.890	1.26	1.54	1.78	1.99	2.18
CP4916-125	0.693	0.980	1.39	1.70	1.96	2.19	2.40
CP4916-128	0.721	1.02	1.44	1.77	2.04	2.28	2.50
CP4916-132	0.774	1.10	1.55	1.90	2.19	2.45	2.68
CP4916-136	0.840	1.19	1.68	2.06	2.38	2.66	2.91
CP4916-140	0.894	1.27	1.79	2.19	2.53	2.83	3.10
CP4916-144	0.926	1.31	1.85	2.27	2.62	2.93	3.21
CP4916-147	0.953	1.35	1.91	2.33	2.70	3.01	3.30
CP4916-151	1.04	1.47	2.08	2.55	2.94	3.29	3.60
CP4916-156	1.10	1.55	2.20	2.69	3.11	3.47	3.80
CP4916-161	1.15	1.63	2.31	2.83	3.27	3.65	4.00
CP4916-166	1.21	1.72	2.43	2.97	3.43	3.84	4.20
CP4916-170	1.30	1.84	2.61	3.19	3.69	4.12	4.51
CP4916-172	1.36	1.92	2.71	3.32	3.84	4.29	4.70
CP4916-177	1.41	2.00	2.83	3.46	4.00	4.47	4.90
CP4916-182	1.47	2.08	2.95	3.61	4.17	4.66	5.10
CP4916-187	1.56	2.21	3.12	3.82	4.41	4.93	5.40
CP4916-196	1.73	2.45	3.46	4.24	4.90	5.47	6.00
CP4916-205	1.88	2.65	3.75	4.59	5.31	5.93	6.50
CP4916-218	2.11	2.98	4.21	5.16	5.96	6.66	7.30
CP4916-234	2.45	3.47	4.91	6.01	6.94	7.76	8.50
CP4916-250	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).

QUICK TEEJET NOZZLE BODIES

Quick TeeJet Nozzle Body Series for Dry Booms

- Available with either 3, 4 or 5 spray positions for easy change or spray tips or quick boom flushing
- Positive shutoff between each spray position
- Automatic spray alignment using flat fan spray tips
- Maximum operating pressure of 300 PSI (20 bar)
- Includes ChemSaver® diaphragm check valve for drip-free shutoff
- Standard EPDM diaphragm with Viton® available as an option
- Durable design mounts body high on boom structure for maximum protection


QJ363C


QJ364C


QJ365C

Single Part No.	Double Part No.	No. of Spray Outlets	Hose ID (in)
QJ363C-500-1-NYB	QJ363C-500-2-NYB	3	½
QJ363C-750-1-NYB	QJ363C-750-2-NYB	3	¾
QJ363C-1000-1-NYB	QJ363C-1000-2-NYB	3	1
QJ364C-500-1-NYB	QJ364C-500-2-NYB	4	½
QJ364C-750-1-NYB	QJ364C-750-2-NYB	4	¾
QJ364C-1000-1-NYB	QJ364C-1000-2-NYB	4	1
QJ365C-500-1-NYB	QJ365C-500-2-NYB	5	½
QJ365C-750-1-NYB	QJ365-750-2-NYB	5	¾
QJ365C-1000-1-NYB	QJ365C-1000-2-NYB	5	1
QJ353A-500-1-NYB	QJ353A-500-2-NYB	3	½
QJ353A-750-1-NYB	QJ353A-750-2-NYB	3	¾
QJ353A-1000-1-NYB	QJ353A-1000-2-NYB	3	1
QJ355A-500-1-NYB	QJ355A-500-2-NYB	5	½
QJ355A-750-1-NYB	QJ355A-750-2-NYB	5	¾
QJ355A-1000-1-NYB	QJ355A-1000-2-NYB	5	1

For Viton nozzle bodies, add VI to end of part no.

Quick TeeJet Nozzle Body Series with Fertilizer Outlet for Dry Booms

- Single fertilizer nozzle outlet with shutoff cap and either 3, 4 or 5 spray positions for easy change or spray tips or quick boom flushing
- Positive shutoff between each spray position
- Automatic spray alignment using flat fan spray tips
- Maximum operating pressure of 300 PSI (20 bar)
- Includes ChemSaver® diaphragm check valve for drip-free shutoff
- Standard O-rings and diaphragm made of EPDM and Buna with Viton® optional.
- Molded hex socket in the upper clamp for attaching to flat surfaces (does not use dry boom clamp).

Single Part No.	Double Part No.	No. of Spray Outlets	Hose ID (in)
QJ363F-1000-1-NYB	QJ363F-1000-2-NYB	3+1	1
QJ364F-1000-1-NYB	QJ364F-1000-2-NYB	4+1	1
QJ365F-1000-1-NYB	QJ365F-1000-2-NYB	5+1	1

For Viton nozzle bodies, add VI to end of part no.


QJ363F


QJ364F


QJ365F

Hose Shank Nozzle Bodies
Maximum operating pressure of 125 PSI

QJ100 Series	Hose ID (in)
Single Part No.	
18635-111-406-NYB	⅜
18638-111-540-NYB	½
18719-111-785-NYB	¾
Double Part No.	
18636-112-406-NYB	⅜
18639-112-540-NYB	½
18720-112-785-NYB	¾
Triple Part No.	
18637-113-406-NYB	⅜
18640-113-540-NYB	½
18721-113-785-NYB	¾

Single Nozzle Bodies with Diaphragm Check Valve & ChemSaver
Maximum operating pressure of 125 PSI

QJ200 Series	Hose ID (in)
Single Part No.	
19349-211-406-NYB	⅜
19349-211-540-NYB	½
19349-211-785-NYB	¾
Double Part No.	
19350-212-406-NYB	⅜
19350-212-540-NYB	½
19350-212-785-NYB	¾
Triple Part No.	
19351-213-406-NYB	⅜
19351-213-540-NYB	½
19351-213-785-NYB	¾

Single Nozzle Bodies with Diaphragm Check Valve & ChemSaver
Maximum operating pressure of 300 PSI

QJ300 Series	Hose ID (in)
Single Part No.	
22251-311-375-NYB	⅜
22251-311-500-NYB	½
22251-311-750-NYB	¾
Double Part No.	
22252-312-375-NYB	⅜
22252-312-500-NYB	½
22252-312-750-NYB	¾

QJ300 Series is also available in polypropylene. Maximum operating pressure is 150 PSI

Quick TeeJet Single Nozzle Body Adapters with Chem Saver

- Features ChemSaver no-drip shutoff
- Requires 10 PSI (0.7 bar) at the nozzle to open check valve.
- Standard diaphragm of EPDM with optional Viton available
- Maximum operating pressure of 300 PSI (20 bar)

Part No.	To Fit
QJ8355-⅛-NYB	⅛ in (F)
QJ8355-¼-NYB	¼ (F)
QJT8360-NYB	Adapter for bodies using CP1325 Cap
QJ8360-NYB	¼ male thread
QJT8360-NYB	11/16–16 TeeJet thread
QJP19011-NYB	⅜ BSPT thread

Quick TeeJet Nozzle Body Adapters

- Maximum operating pressure of 300 PSI

Part No.	To Fit (in)
QJ90-2-NYR	Duo Nozzle Adapter with EPDM Gasket
QJ90-1-NYR	90° Apapter with EPDM Gasket
QJ¼TT-NYB	¼" male thread
QJ¼T-NYB	¼" female thread
QJT-NYB	1/16"-16 TeeJet thread
22674-¼-NYB	45° Nozzle Body Adapter
55240-CELR	Hardi Adapter with EPDM Gasket

Quick TeeJet Swivels

- Max operating pressure of 125 PSI

Part No.	Description
QJ8600-¼-NYB	Single Swivel
QJ8600-2-¼-NYB	Double Swivel

Quick TeeJet Vari-Spacing Clamps

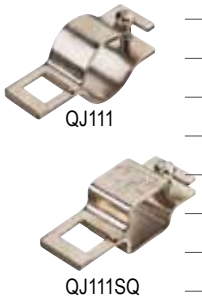


Plate Steel Part No.	To Fit (in)
QJ111-½	½ Pipe
QJ111-¾	¾ Pipe
QJ111-1	1 Pipe
QJ111-1-¼	1 ¼ Pipe
QJ111SQ-¾*	¾ Square Tubing
QJ111SQ-1*	1 Square Tubing
QJ111SQ-1-¼*	1 ¼ Square Tubing
QJ111SQ-1-½*	1 ½ Square Tubing

* Available in Stainless Steel. Add -304SS to end of Part No.

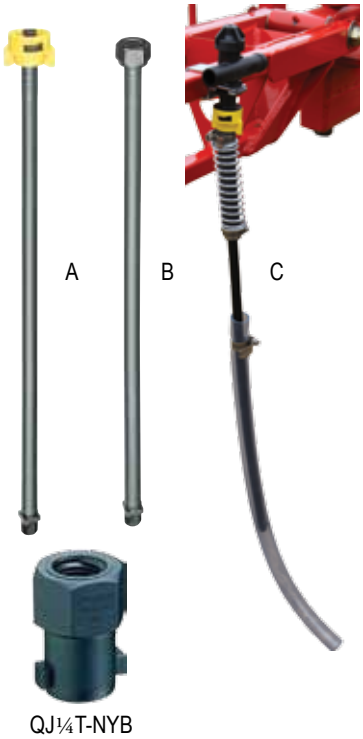
TeeJet Hose Drop Features

- Hose drops connect to standard, Quick TeeJet nozzle bodies, and swivels
- QJ¼T-NYB can be attached to hose drops with Quick TeeJet caps
- Maximum operating pressure of 125 PSI

NCI Hose Drop

- Orifice and tubing that delivers product straight to soil
- Spring for flexibility

Ref No.	TeeJet Hose Drop Part No.	Length (in)	Inlet Connection	Outlet Connection	Material
A	21353-6-15-NYB	15	Quick TeeJet Type	¼" NPT (M)	Nylon with Quick TeeJet cap & EPDM gasket
	21353-6-24-NYB	24			
B	21354-15-NYB	15	1 1/16"-16 TeeJet Thread		Nylon
	21354-24-NYB	24			
	NCI Hose Drop Part No.	Length (in)	Inlet Connection	Outlet Connection	Material
C	580P	24	Quick Connect TeeJet Type	None	Nylon and Clear Tubing PVC



QJ¼T-NYB

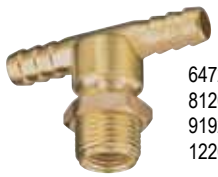
Swivel Nozzle Bodies
- Primarily for use with tips employed in row crop spraying
- Locknut holds swivel bodies firmly in position at selected spray projection angle so they are not affected by jarring and vibration.
- For use at pressures up to 125 PSI (9 bar)
- Swivels do not include tips, strainers or caps

Part No.	Inlet Connection	Material	Swivel Count	Swivel Arc Range
5000-¼T	¼" NPT (F)	Brass	Single	280°
5540-¼TT	¼" NPT (M)	Brass	Single	280°
5932-2-¼T	¼" NPT (F)	Brass	Double	280°
6240-¼TT	¼" NPT (M)	Brass	Double	280°
8600-2-¼T-NYB	¼" NPT (F)	Nylon	Double	280°

TeeJet OutLet Adapters & Fittings
- 4676: fits outlets of TeeJet nozzle bodies as well as various GunJet spray guns and shut off valves
- CP6259 & 6406: fittings replace spray tips and are used for attaching drop pipes to nozzle bodies or adding extensions to AA23 and AA31 GunJet spray guns

Part No.	Description
4676-⅛, -¼, -⅜, -¾	Brass Adapter, NPT (F)
4676-ENP-⅛, ¼, ⅜	Brass, Nickle Plated Adapter, NPT (F)
4676-NYB-⅛, ¼	Nylon Adapter, NPT (F)
4676-SS-⅛, -¼, -⅜, -½, -¾	Stainless Steel Adapter, NPT (F)
CP6250	Brass Adapter, 9/16 in Long, ⅛ in NPT (F)
CP6250-I	Steel Adapter, 9/16 in Long, ⅛ in NPT (F)
6406	Brass Adapter, 15/16 in Long, ⅛ NPT (M)
6406-I	Steel Adapter, 15/16 in Long, ⅛ NPT (M)

Hose Shank Nozzle Bodies
- Single or double hose connection
- For Operating Pressures up to 125 PSI
- Brass, stainless steel, Nylon and Celcon/ stainless steel hose shank nozzle bodies
- Features 11/16 in -16 TeeJet threaded outlet



Single Hose Shank Assy Part No.	To Fit Hose Id (in)	Material
15427-1-296	¼	Brass
12670-406TD	⅜	Nylon
6471B-400TD	⅜	Brass
6471-SS-C400TD	⅜	Stainless Steel
8121-NYB-406TD	⅜	Nylon
8121-NYB-540TD	½	Nylon
9191B-531TD	½	Brass
9191-SS-C531TD	½	Stainless Steel
12201-CE-785TD	¾	Celcon Hose Shank/ Stainless Steel Threaded Outlet
12201-CE-1062TD	1	

Double Hose Shank Assy Part No.	To Fit Hose Id (in)	Material
6472B-400TD	⅜	Brass
6472-SS-C400TD	⅜	Stainless Steel
8120-NYB-406TD	⅜	Nylon
8120-NYB-540TD	½	Nylon
9192B-531TD	½	Brass
9192-SS-C531TD	½	Stainless Steel
12202-CE-785TD	¾	Celcon Hose Shank/ Stainless Steel Threaded Outlet
12202-CE-1062TD	1	

TeeJet Nozzle Bodies with ChemSaver Diaphragm Check Valves

- Features ChemSaver no-drip shutoff
- Diaphragm check valve design eliminates the pressure drop associated with ball-type check valves
- Maximum operating pressure of 125 PSI

4664B

4664B

6135A

6140A

8355

8360

10742A

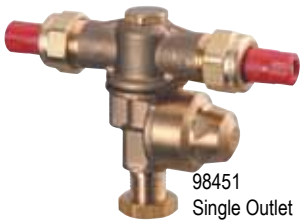
Part No.	To Fit NPT (in)	Material	PSI Check Valve Opens	Flow Rate	Length (in)
4664B	⅛ (F)	Brass	7	2.0 GPM at 5 PSI	2 5/16
4666B	⅛ (F)	Brass	7	2.0 GPM at 5 PSI	1 15/16
6135A-¼, -⅜	¼, ⅜ (F)	Brass	7	4.5 GPM at 5 PSI	2 ⅝
6140A-¼, -⅜	¼, ⅜ (F)	Brass	7	4.5 GPM at 5 PSI	2 ⅜
8355-⅛-NYB	⅛ (F)	Nylon	10	3 GPM at 5 PSI	2 ¾
8355-¼-NYB	¼ (F)	Nylon	10	3.9 GPM at 5 PSI	2 ¾
8360-NYB	¼ (M)	Nylon	10	2.25 GPM at 5 PSI	2
13430-1-NYB		Nylon			
13430-2-NYB		Nylon			
13430-3-NYB		Nylon			
13431-NYB		Nylon			
10742A	¼ (M &F)	Brass	7	2.25 GPM at 5 PSI	2 ½

98450 Series Brass Rollover Valve

- Primarily for use for airblast sprayers in orchard and vineyards
- Available with or without check valves
- Max pressure of 750 PSI
- Flow rate of 1.6 GPM with a 10 PSI pressure drop
- Includes locking nut on inlet

NCI Part No.	Body Configuration	Inlet Connection	Material
SS-9845014F	Double Outlet Rollover w/ Check Valve	¼" NPT (F)	Brass
SS-9845114F	Single Outlet Rollover w/ Check Valve	¼" NPT (F)	Brass

98450
Double Outlet



98451
Single Outlet

NOZZLE PARTS

Standard Parts

TeeJet Spray Nozzle

=

Type T or TT nozzle body

\+

5053 Strainer

\+

Optional Tip Gasket CP5871-BU

\+

Spray Tip

CP1325 TeeJet Cap

TeeJet Nozzle Caps

Secure interchangeable TeeJet tips to the various nozzle bodies. 18032A-NYB winged TeeJet cap allows quick change of spray tips with no tool required.

CP1325

CP18032A-NYB

Body Part No.	Material
CP1325	Brass
CP8027-NYB	Nylon
CP8027-1-NYB	Nylon (extra long)
CP1325-AL	Aluminum
CP1325-I	Steel
CP1325-SS	Stainless Steel
CP18032A-NYB	Winged Cap, Nylon

11750 TeeJet Check Valve

For larger capacity TeeJet nozzles where strainers are not required. Ball check opens at 5 PSI (0.34 bar), 10 PSI (0.7 bar) spring also available. Recommended for flow rates from .40 to 1.5 GPM (1.5–5.7 l/min). Made in choice of stainless steel, brass, aluminum or polypropylene with stainless steel ball and spring.

45° Nozzle Body

Ideal for use with FullJet®, FloodJet® and Turbo FloodJet® nozzles. Can be used with QJ4676 Quick TeeJet® cap or standard 4676 outlet adapter. Made of polypropylene.

Body Part No.	Inlet	Outlet
22669-¼-PPB	¼" (M)	1 1⁄16"-16 (M)

TeeJet Nozzle Bodies

Type-TT Male Inlet NPT or BSPT Connection

Body Part No.	For TeeJet Nozzle Type	Male Size (in)	Material
CP1336	⅛TT	⅛	Brass
CP1322	¼TT	¼	Brass
CP8028-NYB	¼TT-NYB	¼	Nylon
CP1322-I	¼TT-I	¼	Steel
CP1322-SS	¼TT-SS	¼	Stainless Steel
CP1324	⅜TT	⅜	Brass
CP1340	½TT	½	Brass

Type-T Female Inlet NPT or BSPT Connection

Body Part No.	For TeeJet Nozzle Type	Female Size (in)	Material
CP1335	⅛T	⅛	Brass
CP1321	¼T	¼	Brass
CP12094-NYB	¼T-NYB	¼	Nylon
CP1321-I	¼T-I	¼	Steel
CP1321-SS	¼T-SS	¼	Stainless Steel
CP1323	⅜T	⅜	Brass
CP1339	½T	½	Brass

Clamp Assemblies

Consist of upper and lower clamps and bolt for use with hose shank nozzle bodies.

Round

Part No.	To Clamp On
AA111-½	½" Pipe (13⁄16" & ⅞" OD Tubings)
AA111-¾	¾" Pipe (1" & 1 1⁄16" OD Tubings)
AA111-1	1" Pipe (1 ⅛", 1 ¼" &1 ⅜" OD Tubings
AA111-1-¼	1 ¼" Pipe (1 9⁄16" 1 1 1⁄16" OD Tubings)

Square

Part No.	To Clamp On
AA111SQ-1	1" Square Tubing
AA111SQ-1-¼	1 ¼" Square Tubing
AA111SQ-1-½	1 ½" Square Tubing

Split Eyelet Nozzle Bodies for Wet Booms

- Mounting on ½", ¾" or 1" pipe or tubing
- 25775-NYB mounts to ⅜" (9.5 mm) hole drilled in pipe or tubing
- 7421 mounts to 9⁄32" (7.2 mm) hole drilled in pipe or tubing
- 25775-NYB and 7421 feature 11⁄16"-16 TeeJet threaded outlets
- 25888-NYB features ¼" (M) NPT threaded outlet

25775-NYB
Operating pressures up to 150 PSI (10 bar)

7421
Operating pressures up to 250 PSI (17 bar)

Split Eyelet Assy No.	Material	To Clamp On
25775-½T-NYB 25888-½-NYB	Nylon	½" Pipe 13⁄16" O.D. Tubing ⅞" O.D. Tubing
25775-¾T-NYB 25888-¾-NYB	Nylon	¾" Pipe 1" O.D. Tubing 1 1⁄16" O.D. Tubing
25775-1T-NYB 25888-1-NYB	Nylon	1" Pipe 1 ¼" O.D. Tubing 1 ⅜" O.D. Tubing

Split Eyelet Assy No.	Body Material	To Clamp On
7421-½T	Brass	½" Pipe 13⁄16" O.D. Tubing ⅞" O.D. Tubing
7421-½T-SS	Stainless	
7421-½T-NYB	Nylon	
7421-¾T	Brass	¾" Pipe 1" O.D. Tubing 1 1⁄16" O.D. Tubing
7421-¾T-SS	Stainless	
7421-¾T-NYB	Nylon	
7421-1T	Brass	1" Pipe 1 ¼" O.D. Tubing 13⁄89 O.D. Tubing
7421-1T-SS	Stainless	
7421-1T-NYB	Nylon	

Type QJ17560A-NYB

- Features ChemSaver drip-free shutoff. Requires 10 PSI (0.7 bar) at the nozzle to open check valve.
- Standard diaphragm of EPDM with optional Viton available.
- Mounts to a ⅜" (9.5 mm) hole drilled in pipe or tubing.
- Maximum operating pressure of 300 PSI (20 bar).
- ½" and ¾" sizes include a mounting hole in upper clamp subassembly for mounting to flat surfaces.

Part No.	To Clamp On
QJ17560A-20mm-NYB	20mm tubing
QJ17560A-25mm-NYB	25mm tubing
QJ17560A-½-NYB	½" pipe
QJ17560A-¾-NYB	¾" pipe
QJ17560A-1-NYB	1" pipe

Type QJ7421-NYB

- Mounts to a ⅜" (9.5 mm) hole drilled in pipe or tubing.
- Maximum operating pressure of 300 PSI (20 bar).
- ½" and ¾" sizes include a mounting hole in upper clamp subassembly for mounting to flat surfaces.

Part No.	To Clamp On
QJ7421-½-NYB	½" pipe
QJ7421-¾-NYB	¾" pipe
QJ7421-1-NYB	1" pipe

Type QJ22187-NYB

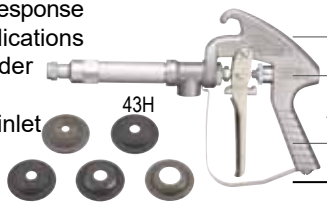
- ½" and ¾" sizes include a mounting hole in clamp sub-assembly for mounting to flat surfaces.
- Allows side mounting to flat surface for protection of nozzle body.
- Features ChemSaver drip-free shutoff. Requires 10 PSI (0.7 bar) at the nozzle to open check valve.
- Standard diaphragm of EPDM with optional Viton available.
- Mounts to a ⅜" (9.5 mm) hole drilled in pipe or tubing.
- Maximum operating pressure of 300 PSI (20 bar).

Part No.	To Clamp On
QJ22187-½-NYB	½" pipe
QJ22187-¾-NYB	¾" pipe
QJ22187-1-NYB	1" pipe

Gun Jet AA23L
- Flow rates up to 5 GPM
- Inlet ¼" NPS (M) thread
- Strong aluminum alloy body

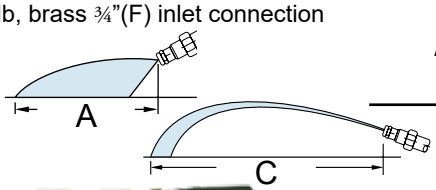
Gun Jet AA30L & Gun Jet AA30L-PP
- Flow rates up to 5 GPM
- Outlet connection is 11/16"–16 TeeJet® thread
- Body and trigger molded of tough Nylon

Gun Jet 43H
- Designed and built for heavy duty service
- Drip-free shutoff and instant operating response
- Spraying tall trees and other applications where max spray throw is required: order hardened stainless steel tip DX-HSS
- All models have ½" NPT (F) inlet connections



Model No.	Pressure Range (PSI)	Description, Material	Length (in)	Orifice Disc
AA23L	Max 250	AA23L Gun; Nylon; No Extension	-	
AA23L767618	Max 250	AA23L Gun; Nylon;	18	
AA30L-¼	Max 250	AA30L Gun; Nylon; No Extension	-	
AA30L22425-18*	Max 150	AA30L Gun; Nylon;	18	
AA30L-PP	Max 150	AA30L Gun; Nylon; No Extension	-	
AA43HC-½	200-800	AA43H Gun, Brass	8	½ npt
AA43H-AL6*	200-800	AA43H Gun; Aluminum	22	6
AA43-H-6	200-800	AA43H Gun; Brass	22	6

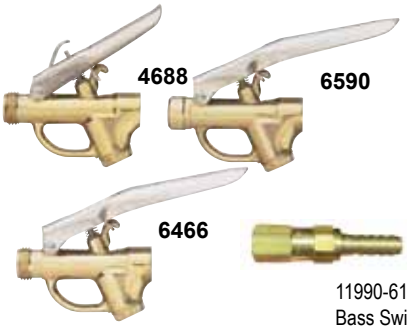
Gun Jet AA2
- Spot, tree, livestock, & power washing at pressure 30-800 PSI
- Overall length 24", weight 3.5 lb, brass ¾"(F) inlet connection
- Brass
- Spray tips are interchangeable
- Orifice disc made of stainless



Model No.	Performance (ft)	100 PSI		800 PSI		Orifice Disc Part Number
		A	C	A	C	
AA2-60	Cap - GPM	1.6	3.6	4.5	10	AY-SS60
	Max Vert Throw	-	32	-	40	
	Max Horz Throw	9	44	10	52	

* Commonly used on Newton Crouch Pull Type Sprayer Model 45

Valves - Choose One



11990-61
Bass Swivel, 3/8"

13212
Garden Hose Adapter for 36 Valve

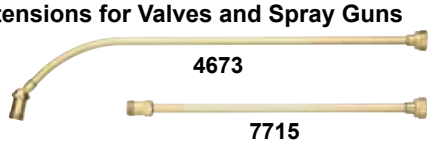
4688 Trigger Valve with Trigger Lock. Max. flow rate 2 GPM, max. pressure of 250 PSI. ¼" NPT (F) inlet connection, 11/16"–16 (M) outlet connection. Use with TeeJet and ConeJet® tips, adjustable ConeJet tips or MulteeJet® tips. Brass material.

6466 Trigger Valve, same as 4688, less trigger lock, with extra long trigger. Brass material.

6590 Trigger Valve, same as 6104, less trigger lock, with extra long trigger. Brass material.

Typical Shutoff Valve Assembly

Extensions for Valves and Spray Guns



Valve Handles
Choice of valve handles—for above valves

Outlet connections are ¼" NPT (M) to fit ¼" NPT (F) inlets of all valves shown. Choice of types for every need.

(B)4727 Sure Grip Handle, brass, rubber-covered, ¼" NPS (M) or BSPT hose inlet connection.

4754 Sure Grip Handle, brass, rubber-covered, ¾" garden hose thread (F) inlet connection.

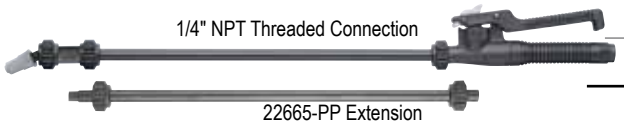
4725 Handle, made of ⅛" brass pipe with bushing. Slip hose over pipe to form handle.

Straight and Curved Extensions
4673 and 6671—for pressures to 125 PSI. 7715—for pressures to 250 PSI. Fits models 23L and 31 GunJet® spray guns and trigger valves.

Straight; Fixed Body	Curved; Swivel Body	Curved; Fixed Body	Extension Length
7715-8	4673-8	6671-8	8"
7715-18	4673-18	6671-18	18"
7715-24	4673-24	6671-24	24"
7715-30	4673-30	6671-30	30"
7715-36	4673-36	6671-36	36"
7715-48	4673-48	6671-48	48"

TriggerJet Model 22670

- Maximum pressure rating is 150 PSI
- Trigger lock permits locking gun in an open position for continuous flow (optional)
- 38720-PPB-X8 adjustable ConeJet® spray tip with Viton® O-ring
- CP22673-PP 45° and CP22664-PP straight adapters
- CP22665-PP extension availiable in 15" & 24" lengths



TriggerJet Model No.	Extension Length (in)	Inlet Connection (in)	Tip Number
22670-PP-15-¼	15	¼ (F)	38720-PPB-X8 (Standard nozzle shipped with TriggerJet)
22670-PP-15-300	15	¼ hose shank	
22670-PP-15-406	15	⅜ hose shank	
22670-PP-24-¼	24	¼ (F)	
22670-PP-24-300	24	¼ hose shank	
22670-PP-24-406	24	⅜ hose shank	

Lawn Spray Guns Model 25660

- Interchangeable nozzle tips are color-coded for easy identification of nozzle tip size
- Nozzle tips provide a 45° full cone "showerhead" spray pattern
- Convenient trigger lock for continuous spraying
- Maximum operating pressure of 200 PSI
- Made of Nylon with Viton® O-rings and stainless steel springs

Spray Gun Model No.	Nozzle Tip No.	Capacity (GPM) at Various Pressures						
		2 PSI	4 PSI	6 PSI	8 PSI	10 PSI	15 PSI	20 PSI
25660-1.5	CP25670-1.5-NY	1.4	1.9	2.3	2.6	2.9	3.4	4.0
25660-3.0	CP25670-3.0-NYB	2.0	2.7	3.2	3.6	4.1	4.9	5.6
25660-4.0	CP25670-4.0-NY	2.3	3.1	3.7	4.3	4.7	5.6	6.4

Accessories

Part No.	Description
25990	Swivel
22665	Extension wand max 100 psi
25657-NYB	Adapter needed for wand or standard TeeJet Nozzle
CP22673-PP	45° adapter for TeeJet tip or ConeJet Nozzle
CP22664-PP	Straight Adapter for tip

*Pressure measured at spray nozzle

Udor High Performance Spray Gun

- Adjustable spray pattern from straight stream to cone mist

High Pressure Spray Gun - JD-9C Equivilant

- Adjusts quickly from mist to pencil-like stream.
- Trigger locks on for user comfort.
- Ruggedly built, precision machined.
- Priced lower for bigger savings
- Commonly used on NCI Aluminum Skid Sprayers

Model No.	Max GPM	Max PSI	Description
26.901.162 (Turbo)	15	850	Udor high performance spray gun with 8" barrel. 2.3 tip standard 8711.03 Repair kit part number
7.901.103 (Turbine)	25	850	UDOR high performance spray gun with 17" barrel features 10mm internal tubing. 4.5 tip standard 10/ 11 Repair kit part number
7016.00	Brass Hose Barb Swivel ½" male NPT by ½" hose barb. Max 350 PSI		
7016.01	Brass Hose Barb Swivel ½" male NPT by ⅜" hose barb. Max 350 PSI		
7016.02	Brass Hose Barb Swivel ¾" male NPT by ½" hose barb. Max 350 PSI		
7016.03	Brass Hose Barb Swivel ¾" male NPT by ⅜" hose barb. Max 350 PSI		

Model No.	Max PSI	GPM	Inlet	Description
MS-SGPC025	800	2-5	½"	Heavy Duty Spray Gun with Medium Spray Tip

SPRAY GUN TIPS

TeeJet

38720-PP
Provides adjustable spray from solid stream to a hollow cone pattern. Made of polypropylene material for excellent chemical resistance. Fits any 11/16"–16 TeeJet® male thread bodies. 30° offset from horizontal incorporated into main tip body.

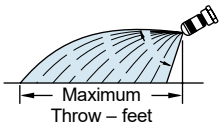
ADJUSTABLE CONEJET TIP NUMBER	PERFORMANCE	LIQUID PRESSURE IN PSI									
		20 PSI		30 PSI		40 PSI		60 PSI		100 PSI	
		SETTING		SETTING		SETTING		SETTING		SETTING	
		A	B	A	B	A	B	A	B	A	B
38720-PPB-X8	Capacity – GPM	0.097	0.33	0.12	0.40	0.13	0.47	0.16	0.57	0.21	0.74
	Spray Angle	66°	—	71°	—	74°	—	77°	—	80°	—
	Max. Throw – Ft.	3	34	3	37	3	38	3	38	4	38
38720-PPB-X12	Capacity – GPM	0.15	0.49	0.18	0.60	0.20	0.69	0.24	0.84	0.31	1.1
	Spray Angle	71°	—	75°	—	77°	—	78°	—	80°	—
	Max. Throw – Ft.	3.5	36	4	39	4	40	4	41	4	41
38720-PPB-X18	Capacity – GPM	0.20	0.68	0.24	0.81	0.28	0.92	0.34	1.1	0.42	1.4
	Spray Angle	61°	—	68°	—	80°	—	80°	—	80°	—
	Max. Throw – Ft.	4	38	4	41	4	42	4	42	6	42
38720-PPB-X26	Capacity – GPM	0.31	0.89	0.38	1.1	0.43	1.2	0.53	1.5	0.68	1.9
	Spray Angle	77°	—	82°	—	84°	—	86°	—	86°	—
	Max. Throw – Ft.	4	34	4.5	37	5	38	5.5	39	6	40

5500
Knurled body of tip rotates through a half turn to provide spray selection from wide angle, finely atomized cone spray to a straight stream spray. Tip settings "A" and "B" represent two extreme points of rotation in tip adjustment. Other sizes available.

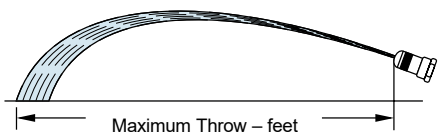
ADJUSTABLE CONEJET TIP NUMBER	PERFORMANCE	LIQUID PRESSURE IN PSI											
		20 PSI		30 PSI		40 PSI		60 PSI		100 PSI		150 PSI	
		SETTING		SETTING		SETTING		SETTING		SETTING		SETTING	
		A	B	A	B	A	B	A	B	A	B	A	B
5500-X1	Capacity – GPM	—	.049	.015	.061	.017	.07	.02	.086	.025	.11	.028	.14
	Spray Angle	—	—	38°	—	54°	—	71°	—	80°	—	83°	—
	Max. Throw – Ft.	—	19	1	22	1.5	24	1.5	26	1.5	26	1.5	26
5500-X2	Capacity – GPM	.025	.091	.03	.11	.033	.13	.04	.16	.05	.20	.058	.25
	Spray Angle	40°	—	60°	—	68°	—	75°	—	80°	—	83°	—
	Max. Throw – Ft.	1.5	23	1.5	26	2	27	2	28	2	28	2	28
5500-X3	Capacity – GPM	.037	.13	.045	.17	.05	.19	.058	.23	.073	.30	.088	.37
5500-PPB-X3	Spray Angle	57°	—	68°	—	72°	—	76°	—	80°	—	82°	—
	Max. Throw – Ft.	2	27	2	30	2	31	2	31	3	31	3	31
5500-X4	Capacity – GPM	.05	.18	.058	.22	.067	.25	.08	.31	.10	.40	.12	.49
	Spray Angle	61°	—	70°	—	73°	—	77°	—	80°	—	81°	—
	Max. Throw – Ft.	2.5	30	2.5	33	3	34	3	34	3	34	3	34
5500-X5	Capacity – GPM	.061	.21	.076	.26	.082	.30	.10	.37	.13	.48	.15	.58
5500-PPB-X5	Spray Angle	61°	—	70°	—	74°	—	77°	—	80°	—	81°	—
	Max. Throw – Ft.	2.5	31	2.5	34	3	35	3	35	3	35	3	35
5500-X6	Capacity – GPM	.073	.26	.087	.32	.10	.37	.12	.45	.15	.58	.19	.71
5500-PPB-X6	Spray Angle	65°	—	71°	—	74°	—	77°	—	80°	—	80°	—
	Max. Throw – Ft.	2.5	32	3	35	3	36	3.5	36	3.5	36	3.4	36
5500-X8	Capacity – GPM	.097	.33	.12	.40	.13	.47	.16	.57	.21	.74	.25	.90
5500-PPB-X8	Spray Angle	66°	—	71°	—	74°	—	77°	—	80°	—	80°	—
	Max. Throw – Ft.	3	34	3	37	3	38	3	38	4	38	4	38
5500-X10	Capacity – GPM	.12	.42	.15	.52	.17	.60	.21	.73	.26	.94	.31	1.2
	Spray Angle	68°	—	72°	—	75°	—	78°	—	80°	—	80°	—
	Max. Throw – Ft.	3	35	3.5	38	3.5	39	4	40	4	40	4	40
5500-X12	Capacity – GPM	.15	.49	.18	.60	.20	.69	.24	.84	.31	1.1	.38	1.3
5500-PPB-X12	Spray Angle	69°	—	73°	—	76°	—	78°	—	80°	—	80°	—
	Max. Throw – Ft.	3.5	36	4	39	4	40	4	41	4	41	4	41
5500-X14	Capacity – GPM	.17	.55	.20	.67	.23	.78	.29	.95	.37	1.2	.45	1.5
	Spray Angle	70°	—	74°	—	76°	—	78°	—	80°	—	80°	—
	Max. Throw – Ft.	3.5	37	4	40	4	41	4	41	4.5	41	4.5	41
5500-X18	Capacity – GPM	.21	.69	.26	.84	.30	.97	.37	1.2	.47	1.5	.58	1.9
5500-PPB-X18	Spray Angle	71°	—	75°	—	77°	—	78°	—	80°	—	79°	—
	Max. Throw – Ft.	4	38	4	41	4	42	4	42	5	42	5	42
5500-X22	Capacity – GPM	.26	.83	.32	1.0	.37	1.2	.45	1.4	.58	1.9	.70	2.3
5500-PPB-X22	Spray Angle	71°	—	75°	—	78°	—	79°	—	80°	—	78°	—
	Max. Throw – Ft.	4	39	4.5	41	5	42	5	42	5	42	5	42
5500-X26	Capacity – GPM	.31	.98	.37	1.2	.43	1.4	.53	1.7	.68	2.2	.83	2.7
	Spray Angle	72°	—	76°	—	78°	—	79°	—	80°	—	78°	—
	Max. Throw – Ft.	4.5	40	5	42	5	43	5.5	43	5.5	43	5.5	43

5500-PP
The 5500 adjustable ConeJet tip is also available in a polypropylene version. The polypropylene tip has the same performance characteristics as the brass tip and provides excellent chemical resistance. This tip's light weight makes it well-suited for use on handheld and backpack type sprayers.
O-Ring: EPDM is standard, Viton® is optional.

Tip Setting "A"
Cone Spray Pattern



Tip Setting "B"
Straight Stream Spray Pattern



Above data is based on spraying water from a height of about 21/2 feet with tip tilted about as shown at left for each setting.

Dry Pressure Gauge

NCI Part No.	Size
GA-SG600	60 PSI Aluminum Gauge, Brass Stem
GA-SG100	100 PSI Aluminum Gauge, Brass Stem
GA-SG160	160 PSI Aluminum Gauge, Brass Stem
GA-SG200	200 PSI Aluminum Gauge

Liquid Filled Pressure Gauges

Plastic Case

Stainless Case

Plastic Gauge Case	
NCI Part No.	Size
GA-ABS100	100 PSI Plastic Case Gauge
GA-ABS160	160 PSI Plastic Case Gauge
GA-ABS200	200 PSI Plastic Case Gauge
GA-ABS300	300 PSI Plastic Case Gauge
Stainless Gauge Case, Stainless Stem	
GA-WGGSS60	60 PSI Stainless Gauge Case, Stainless Stem
GA-GGSS100	100 PSI Stainless Gauge Case, Stainless Stem
GA-GGSS160	160 PSI Stainless Gauge Case, Stainless Stem
GA-PDSS2P015A0010	200 PSI Stainless, 4 Inch, Stainless Stem, ¼" Fitting
Stainless Gauge Case, Brass Stem	
GA-GG30	30 PSI Stainless Gauge, Brass Stem
GA-GG60	60 PSI Stainless Gauge, Brass Stem
GA-GG100	100 PSI Stainless Gauge, Brass Stem
GA-GG300	300 PSI Stainless Gauge, Brass Stem
GA-GG600	600 PSI Stainless Gauge, Brass Stem
GA-GG1000	1000 PSI Stainless Gauge, Brass Stem
GA-GG3000	3000 PSI Stainless Gauge, Brass Stem
GA-GG5000	5000 PSI Stainless Gauge, Brass Stem

ISO COLOR CODE CHANGE FOR STRAINER SCREENS

Beginning on or around August 1, 2016 all color-coded TeeJet/Spraying Systems strainer screens will be manufactured to ISO/FDIS 19732 color standards. This will result in a color change for many of the mesh sizes currently offered and affects both individual tip strainers and line strainers. This change is being made worldwide to provide a greater level of consistency for our customers. Actual screen/mesh sizes and product performance will be unaffected by this change. A color code cross-reference table is provided below for easy identification of parts during this transition. Additionally, numeric mesh size markings have been added to all color coded line strainer screens and tip strainers equipped with wire mesh. For all-metal line strainer screens that do not feature a plastic frame, color coded dots are applied to the ferrule to identify mesh size in accordance with the ISO color standard.

Mesh Size	Current Color	Current Color Name	New ISO Color	New ISO Color Name
16		*Gray*		*Brown Red*
20		*Beige*		*Beige**
24		*White*		*White**
25/30		*Yellow*		*Flame Red*
50/60		*Red*		*Gentian Blue*
80		*Blue*		*Zinc Yellow*
100		*Green*		*Traffic Green*
120		*Brown*		*Brown**
200		*Orange*		*Light Pink*

* Mesh Size not covered by ISO standard, color will not change

SCREEN MESH SIZE MARKINGS

LINE STRAINERS

Screen Part #	Strainer Assembly Part #	Mesh Size Available
CP45102-*-SSPP 	AA(B)122-*-PP-* AA(B)122ML-*-PP-* 37270-122-*-PP-* 	50 80 100
CP16903-*-SSPP 	AA(B)126ML-F50, 3, 4 -* AA(B)124A-3/4-AL-* AA(B)124A-1-AL-* AA(B)430ML-3/4, 1-PP-* 	16 20 30 50 80 100 200
CP15941-*-SSPP 	AA(B)126ML-F75, 5, 6 -* AA(B)124-1-1/4-AL-* AA(B)124-1- 1/2-AL-* AA(B)430ML-1-1/4, 1-1/2-PP-* 	16 30 50 80 100 120

TIP STRAINERS

Strainer Assembly Part #	Mesh Size Available
8079-PP-* 	24 50 80 100 200
19845-*-PP 	25 50
55215-*-* 	50 100
4193A-PP-*-* 4193A-PP-*-SS-* (Polypropylene body versions only) 	24 50 80 100 200
4514-NY-* (Nylon Version only) 	16 25 50