

# Turbo TeeJet® Wide Angle Flat Spray Tips



## Typical Applications:

See selection guide on page 4 for 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 (1–6 bar).
- Automatic spray alignment with 25612-<sup>\*</sup>-NYR Quick TeeJet® cap and gasket. Reference page 64 for more information.
- Unique internal configuration means substantially longer wear life.

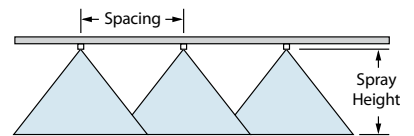


Tip Model	Pressure (bar)	Drop Size	Capacity One Nozzle (l/min)	I/ha (50cm)													
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h	
TT11001 (100)	1.0	C	0.23	69.0	55.2	46.0	39.4	34.5	27.6	23.0	17.3	15.3	13.8	11.0	9.2	7.9	
	2.0	M	0.32	96.0	76.8	64.0	54.9	48.0	38.4	32.0	24.0	21.3	19.2	15.4	12.8	11.0	
	3.0	M	0.39	117	93.6	78.0	66.9	58.5	46.8	39.0	29.3	26.0	23.4	18.7	15.6	13.4	
	4.0	F	0.45	135	108	90.0	77.1	67.5	54.0	45.0	33.8	30.0	27.0	21.6	18.0	15.4	
	5.0	F	0.50	150	120	100	85.7	75.0	60.0	50.0	37.5	33.3	30.0	24.0	20.0	17.1	
6.0	F	0.55	165	132	110	94.3	82.5	66.0	55.0	41.3	36.7	33.0	26.4	22.0	18.9		
TT110015 (100)	1.0	VC	0.34	102	81.6	68.0	58.3	51.0	40.8	34.0	25.5	22.7	20.4	16.3	13.6	11.7	
	2.0	M	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5	
	3.0	M	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2	
	4.0	F	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
	5.0	F	0.76	228	182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1	
6.0	F	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5		
TT11002 (50)	1.0	VC	0.46	138	110	92.0	78.9	69.0	55.2	46.0	34.5	30.7	27.6	22.1	18.4	15.8	
	2.0	C	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3	
	3.0	M	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
	4.0	M	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
	5.0	F	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0	
6.0	F	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4		
TT110025 (50)	1.0	VC	0.57	171	137	114	97.7	85.5	68.4	57.0	42.8	38.0	34.2	27.4	22.8	19.5	
	2.0	C	0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8	
	3.0	M	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9	
	4.0	M	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
	5.0	F	1.28	384	307	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9	
6.0	F	1.40	420	336	280	240	210	168	140	105	93.3	84.0	67.2	56.0	48.0		
TT11003 (50)	1.0	VC	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
	2.0	C	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9	
	3.0	M	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
	4.0	M	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6	
	5.0	M	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1	
6.0	M	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3		
TT11004 (50)	1.0	XC	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
	2.0	C	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2	
	3.0	C	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
	4.0	M	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
	5.0	M	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9	
6.0	M	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5		
TT11005 (50)	1.0	XC	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
	2.0	VC	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2	
	3.0	C	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5	
	4.0	C	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8	
	5.0	M	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1	
6.0	M	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7		
TT11006 (50)	1.0	XC	1.37	411	329	274	235	206	164	137	103	91.3	82.2	65.8	54.8	47.0	
	2.0	VC	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5	
	3.0	VC	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3	
	4.0	C	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9	
	5.0	C	3.06	918	734	612	525	459	367	306	230	204	184	147	122	105	
6.0	M	3.35	1005	804	670	574	503	402	335	251	223	201	161	134	115		
TT11008 (50)	1.0	XC	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
	2.0	VC	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5	
	3.0	C	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108	
	4.0	C	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125	
	5.0	M	4.08	1224	979	816	699	612	490	408	306	272	245	196	163	140	
6.0	M	4.47	1341	1073	894	766	671	536	447	335	298	268	215	179	153		

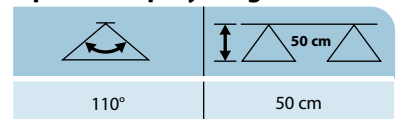
Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

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

TT11002-VP-C – Polymer with VisiFlo color-coding, includes Quick TeeJet cap and gasket



# AIXR TeeJet® Air Induction XR Flat Spray Tips

## Typical Applications:

See selection guide on page 4 for recommended typical applications for AIXR TeeJet tips.

## Features:

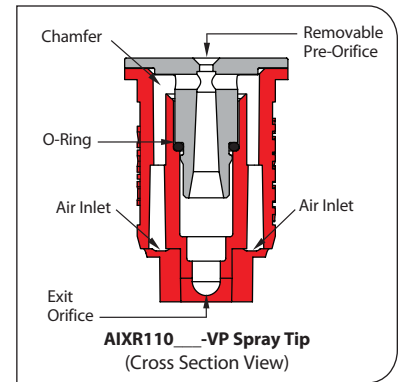
- 110° wide, tapered flat spray angle with air induction technology offers better drift management.
- Made of a two-piece UHMWPE polymer construction with VisiFlo® color-coding. UHMWPE provides excellent chemical resistance, including acids, as well as exceptional wear life.

- Compact size to prevent tip damage.
- Depending on the chemical, produces large air-filled drops through a Venturi air aspirator.
- Removable pre-orifice.
- Available in seven tip capacities with a wide operating pressure range: 15–90 PSI (1–6 bar).
- Automatic alignment when used with 25612-<sup>®</sup>-NYR Quick TeeJet® cap and gasket. Reference page 64 for more information.

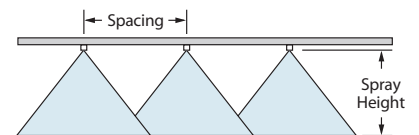


Tip Model	Pressure (bar)	Drop Size	Capacity One Nozzle (l/min)	Capacity (l/ha) @ 50cm													
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h	
AIXR110015 (100)	1.0	XC	0.34	102	81.6	68.0	58.3	51.0	40.8	34.0	25.5	22.7	20.4	16.3	13.6	11.7	
	2.0	VC	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5	
	3.0	C	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2	
	4.0	C	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
	5.0	M	0.76	228	182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1	
6.0	M	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5		
AIXR11002 (50)	1.0	XC	0.46	138	110	92.0	78.9	69.0	55.2	46.0	34.5	30.7	27.6	22.1	18.4	15.8	
	2.0	VC	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3	
	3.0	C	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
	4.0	C	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
	5.0	C	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0	
6.0	M	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4		
AIXR110025 (50)	1.0	XC	0.57	171	137	114	97.7	85.5	68.4	57.0	42.8	38.0	34.2	27.4	22.8	19.5	
	2.0	XC	0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8	
	3.0	VC	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9	
	4.0	C	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
	5.0	C	1.28	384	307	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9	
6.0	C	1.40	420	336	280	240	210	168	140	105	93.3	84.0	67.2	56.0	48.0		
AIXR11003 (50)	1.0	XC	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
	2.0	XC	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9	
	3.0	VC	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
	4.0	C	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6	
	5.0	C	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1	
6.0	C	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3		
AIXR11004 (50)	1.0	UC	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
	2.0	XC	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2	
	3.0	VC	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
	4.0	VC	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
	5.0	C	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9	
6.0	C	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5		
AIXR11005 (50)	1.0	UC	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
	2.0	XC	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2	
	3.0	XC	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5	
	4.0	VC	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8	
	5.0	C	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1	
6.0	C	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7		
AIXR11006 (50)	1.0	UC	1.37	411	329	274	235	206	164	137	103	91.3	82.2	65.8	54.8	47.0	
	2.0	XC	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5	
	3.0	XC	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3	
	4.0	VC	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9	
	5.0	C	3.06	918	734	612	525	459	367	306	230	204	184	147	122	105	
6.0	C	3.35	1005	804	670	574	503	402	335	251	223	201	161	134	115		

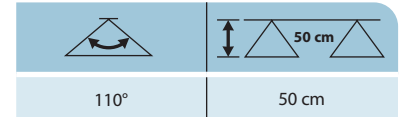
**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.



CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



## Optimum Spray Height



## How to order:

Specify tip number.

Example:

- AIXR11004VP – Polymer with VisiFlo color-coding
- AIXR11003VP-C – Polymer with VisiFlo color-coding, Includes Quick TeeJet cap and gasket

# AI TeeJet® Air Induction Flat Spray Tips



## Typical Applications:

See selection guide on page 4 for recommended typical applications for AI TeeJet tips.

■ 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. Reference page 64 for more information.

## 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 (2–8 bar).



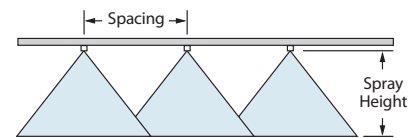
Tip Model	Pressure (bar)	DROPSIZE		CAPACITY ONE NOZZLE IN l/min	I/ha $\Delta$ 50cm															
		80°			110°		4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h	
		UC	XC		UC	XC														
AI80015 AI110015 (100)	2.0	UC	XC	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5			
	3.0	XC	XC	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2			
	4.0	XC	XC	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3			
	5.0	VC	VC	0.76	228	182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1			
	6.0	VC	VC	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5			
	7.0	C	C	0.90	270	216	180	154	135	108	90.0	67.5	60.0	54.0	43.2	36.0	30.9			
	8.0	C	C	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9			
	AI8002 AI11002 (50)	2.0	UC	XC	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3		
3.0		XC	XC	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1			
4.0		XC	XC	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2			
5.0		VC	VC	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0			
6.0		VC	VC	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4			
7.0		C	C	1.21	363	290	242	207	182	145	121	90.8	80.7	72.6	58.1	48.4	41.5			
8.0		C	C	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2			
AI80025 AI110025 (50)		2.0	UC	XC	0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8		
	3.0	XC	XC	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9			
	4.0	XC	XC	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1			
	5.0	VC	VC	1.28	384	307	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9			
	6.0	VC	VC	1.40	420	336	280	240	210	168	140	105	93.3	84.0	67.2	56.0	48.0			
	7.0	VC	C	1.51	453	362	302	259	227	181	151	113	101	90.6	72.5	60.4	51.8			
	8.0	C	C	1.62	486	389	324	278	243	194	162	122	108	97.2	77.8	64.8	55.5			
	AI8003 AI11003 (50)	2.0	UC	XC	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9		
3.0		XC	XC	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5			
4.0		XC	XC	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6			
5.0		VC	VC	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1			
6.0		VC	VC	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3			
7.0		VC	C	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7			
8.0		VC	C	1.93	579	463	386	331	290	232	193	145	129	116	92.6	77.2	66.2			
AI8004 AI11004 (50)		2.0	UC	XC	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2		
	3.0	XC	XC	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2			
	4.0	XC	XC	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4			
	5.0	VC	VC	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9			
	6.0	VC	VC	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5			
	7.0	C	C	2.41	723	578	482	413	362	289	241	181	161	145	116	96.4	82.6			
	8.0	C	C	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5			
	AI8005 AI11005 (50)	2.0	UC	XC	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2		
3.0		XC	XC	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5			
4.0		XC	XC	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8			
5.0		XC	VC	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1			
6.0		VC	VC	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7			
7.0		VC	C	3.01	903	722	602	516	452	361	301	226	201	181	144	120	103			
8.0		C	C	3.22	966	773	644	552	483	386	322	242	215	193	155	129	110			
AI8006 AI11006 (50)		2.0	UC	XC	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5		
	3.0	UC	XC	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3			
	4.0	XC	XC	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9			
	5.0	XC	XC	3.06	918	734	612	525	459	367	306	230	204	184	147	122	105			
	6.0	XC	VC	3.35	1005	804	670	574	503	402	335	251	223	201	161	134	115			
	7.0	XC	VC	3.62	1086	869	724	621	543	434	362	272	241	217	174	145	124			
	8.0	VC	C	3.87	1161	929	774	663	581	464	387	290	258	232	186	155	133			
	AI11008 (50)	2.0	UC	XC	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5		
3.0		UC	XC	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108			
4.0		XC	XC	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125			
5.0		XC	VC	4.08	1224	979	816	699	612	490	408	306	272	245	196	163	140			
6.0		VC	VC	4.47	1341	1073	894	766	671	536	447	335	298	268	215	179	153			
7.0		VC	VC	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166			
8.0		C	C	5.16	1548	1238	1032	885	774	619	516	387	344	310	248	206	177			

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.



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

80°	110°
75 cm	50 cm

## How to order:

Specify tip number.

Example:

AI11004-VS – Stainless Steel with VisiFlo color-coding



# AIC TeeJet® Air Induction Flat Spray Tips

## Typical Applications:

See selection guide on page 4 for recommended typical applications for 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 large air-filled drops through the use of a Venturi air aspirator.
- All 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).

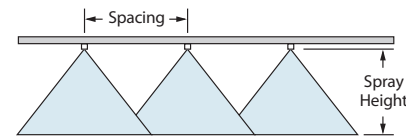


**Note:** Due to the pre-orifice design, this tip is not compatible with the 4193A check valve tip strainer.

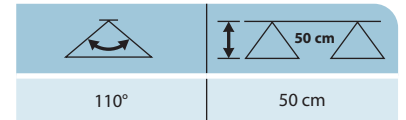
Tip No.	Capacity (l/min)	Drop Size (µm)	l/ha @ 50cm													
			4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h	
AIC110015 (100)	2.0 UC	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5	
	3.0 XC	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2	
	4.0 XC	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
	5.0 VC	0.76	228	182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1	
	6.0 VC	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5	
	7.0 C	0.90	270	216	180	154	135	108	90.0	67.5	60.0	54.0	43.2	36.0	30.9	
8.0 C	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9		
AIC11002 (50)	2.0 UC	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3	
	3.0 XC	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
	4.0 XC	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
	5.0 VC	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0	
	6.0 VC	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4	
	7.0 C	1.21	363	290	242	207	182	145	121	90.8	80.7	72.6	58.1	48.4	41.5	
8.0 C	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2		
AIC110025 (50)	2.0 UC	0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8	
	3.0 XC	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9	
	4.0 XC	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
	5.0 VC	1.28	384	307	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9	
	6.0 VC	1.40	420	336	280	240	210	168	140	105	93.3	84.0	67.2	56.0	48.0	
	7.0 C	1.51	453	362	302	259	227	181	151	113	101	90.6	72.5	60.4	51.8	
8.0 C	1.62	486	389	324	278	243	194	162	122	108	97.2	77.8	64.8	55.5		
AIC11003 (50)	2.0 UC	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9	
	3.0 XC	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
	4.0 XC	1.36	408	326	272	233	204	163	136	102.5	90.7	81.6	65.3	54.4	46.6	
	5.0 VC	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1	
	6.0 VC	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3	
	7.0 C	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7	
8.0 C	1.93	579	463	386	331	290	232	193	145	129	116	92.6	77.2	66.2		
AIC11004 (50)	2.0 UC	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2	
	3.0 XC	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
	4.0 XC	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
	5.0 VC	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9	
	6.0 VC	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5	
	7.0 C	2.41	723	578	482	413	362	289	241	181	161	145	116	96.4	82.6	
8.0 C	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5		
AIC11005 (50)	2.0 UC	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2	
	3.0 XC	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5	
	4.0 XC	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8	
	5.0 VC	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1	
	6.0 VC	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7	
	7.0 C	3.01	903	722	602	516	452	361	301	226	201	181	144	120	103	
8.0 C	3.22	966	773	644	552	483	386	322	242	215	193	155	129	110		
AIC11006 (50)	2.0 UC	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5	
	3.0 XC	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3	
	4.0 XC	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9	
	5.0 XC	3.06	918	734	612	525	459	367	306	230	204	184	147	122	105	
	6.0 VC	3.35	1005	804	670	574	503	402	335	251	223	201	161	134	115	
	7.0 VC	3.62	1086	869	724	621	543	434	362	272	241	217	174	145	124	
8.0 C	3.87	1161	929	774	663	581	464	387	290	258	232	186	155	133		
AIC11008 (50)	2.0 UC	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5	
	3.0 UC	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108	
	4.0 XC	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125	
	5.0 XC	4.08	1224	979	816	699	612	490	408	306	272	245	196	163	140	
	6.0 VC	4.47	1341	1073	894	766	671	536	447	335	298	268	215	179	153	
	7.0 VC	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166	
8.0 C	5.16	1548	1238	1032	885	774	619	516	387	344	310	248	206	177		
AIC11010	2.0 UC	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111	
	3.0 UC	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135	
	4.0 XC	4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156	
	5.0 XC	5.10	1530	1224	1020	874	765	612	510	383	340	306	245	204	175	
	6.0 VC	5.59	1677	1342	1118	958	839	671	559	419	373	335	268	224	192	
	7.0 VC	6.03	1809	1447	1206	1034	905	724	603	452	402	362	289	241	207	
8.0 C	6.45	1935	1548	1290	1106	968	774	645	484	430	387	310	258	221		
AIC11015	2.0 UC	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166	
	3.0 UC	5.92	1776	1421	1184	1015	888	710	592	444	395	355	284	237	203	
	4.0 XC	6.84	2052	1642	1368	1173	1026	821	684	513	456	410	328	274	235	
	5.0 XC	7.64	2292	1834	1528	1310	1146	917	764	573	509	458	367	306	262	
	6.0 VC	8.37	2511	2009	1674	1435	1256	1004	837	628	558	502	402	335	287	
	7.0 VC	9.04	2712	2170	1808	1550	1356	1085	904	678	603	542	434	362	310	
8.0 C	9.67	2901	2321	1934	1658	1451	1160	967	725	645	580	464	387	332		



CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



## Optimum Spray Height



## 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-coding

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

# Turbo TeeJet® Induction Flat Spray Tips

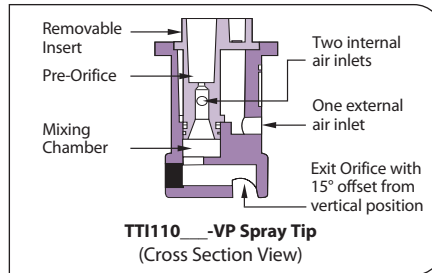


## Typical Applications:

See selection guide on page 4 for recommended typical applications for Turbo TeeJet Induction 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.
- Removable pre-orifice.
- Ideal for use with automatic sprayer controllers.



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



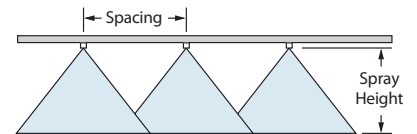
- Wide operating pressure range: 15–100 PSI (1–7 bar).
- Automatic alignment when used with 25598-\*/-NYR Quick TeeJet® cap and gasket. See page 64 for additional information.



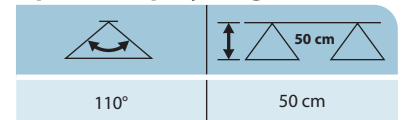
Tip Model	Pressure (bar)	Drop Size	Capacity One Nozzle (l/min)	I/ha (50cm)													
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h	
TTI110015 (100)	1.0	UC	0.34	102	81.6	68.0	58.3	51.0	40.8	34.0	25.5	22.7	20.4	16.3	13.6	11.7	
	2.0	UC	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5	
	3.0	UC	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2	
	4.0	XC	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
	5.0	XC	0.76	228	182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1	
	6.0	XC	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5	
7.0	XC	0.90	270	216	180	154	135	108	90.0	67.5	60.0	54.0	43.2	36.0	30.9		
TTI11002 (50)	1.0	UC	0.46	138	110	92.0	78.9	69.0	55.2	46.0	34.5	30.7	27.6	22.1	18.4	15.8	
	2.0	UC	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3	
	3.0	UC	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
	4.0	UC	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
	5.0	XC	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0	
	6.0	XC	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4	
7.0	XC	1.21	363	290	242	207	182	145	121	90.8	80.7	72.6	58.1	48.4	41.5		
TTI110025 (50)	1.0	UC	0.57	171	137	114	97.7	85.5	68.4	57.0	42.8	38.0	34.2	27.4	22.8	19.5	
	2.0	UC	0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8	
	3.0	UC	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9	
	4.0	UC	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
	5.0	XC	1.28	384	307	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9	
	6.0	XC	1.40	420	336	280	240	210	168	140	105	93.3	84.0	67.2	56.0	48.0	
7.0	XC	1.51	453	362	302	259	227	181	151	113	101	90.6	72.5	60.4	51.8		
TTI11003 (50)	1.0	UC	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
	2.0	UC	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9	
	3.0	UC	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
	4.0	UC	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6	
	5.0	XC	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1	
	6.0	XC	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3	
7.0	XC	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7		
TTI11004 (50)	1.0	UC	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
	2.0	UC	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2	
	3.0	UC	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
	4.0	UC	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
	5.0	XC	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9	
	6.0	XC	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5	
7.0	XC	2.41	723	578	482	413	362	289	241	181	161	145	116	96.4	82.6		
TTI11005 (50)	1.0	UC	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
	2.0	UC	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2	
	3.0	UC	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5	
	4.0	UC	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8	
	5.0	XC	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1	
	6.0	XC	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7	
7.0	XC	3.01	903	722	602	516	452	361	301	226	201	181	144	120	103		
TTI11006 (50)	1.0	UC	1.37	411	329	274	235	206	164	137	103	91.3	82.2	65.8	54.8	47.0	
	2.0	UC	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5	
	3.0	UC	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3	
	4.0	UC	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9	
	5.0	XC	3.06	918	734	612	525	459	367	306	230	204	184	147	122	105	
	6.0	XC	3.35	1005	804	670	574	503	402	335	251	223	201	161	134	115	
7.0	XC	3.62	1086	869	724	621	543	434	362	272	241	217	174	145	124		

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
—	EXCELLENT	EXCELLENT



## Optimum Spray Height



## How to order:

Specify tip number.

Example:

TTI11004-VP – Polymer with VisiFlo® color-coding

TTI11003-VP-C – Polymer with VisiFlo color-coding, includes Quick TeeJet cap and gasket



# XR TeeJet® Extended Range Flat Spray Tips

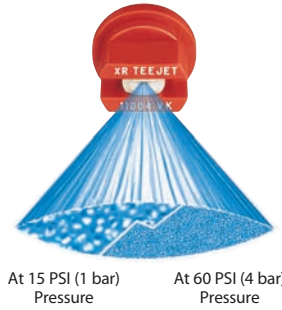
## Typical Applications:

See selection guide on page 4 for recommended typical applications for XR TeeJet tips.

## Features:

- Excellent spray distribution over a wide range of pressures — 15–60 PSI (1–4 bar).
- Ideal for rigs equipped 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.
- XR110025 only available in VK.
- XR80025 and XR80035 only available in VS.
- Brass available in 110° only.
- Automatic spray alignment with 25612-\*NJR Quick TeeJet® cap and gasket. Reference page 64 for more information.
- Automatic spray alignment for sizes 10 and 15 with 25610-\*NJR Quick TeeJet cap and gasket. Reference page 64 for more information.

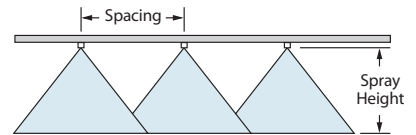


Tip	bar	DROPSIZE		CAPACITY ONE NOZZLE IN /min	l/ha @ 50cm													
		80°/110°			4	5	6	7	8	10	12	16	18	20	25	30	35	
		km/h	km/h		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	
XR8001 XR11001 (100)	1.0	F	F	0.23	69.0	55.2	46.0	39.4	34.5	27.6	23.0	17.3	15.3	13.8	11.0	9.2	7.9	
	1.5	F	F	0.28	84.0	67.2	56.0	48.0	42.0	33.6	28.0	21.0	18.7	16.8	13.4	11.2	9.6	
	2.0	F	F	0.32	96.0	76.8	64.0	54.9	48.0	38.4	32.0	24.0	21.3	19.2	15.4	12.8	11.0	
	3.0	F	F	0.36	108	86.4	72.0	61.7	54.0	43.2	36.0	27.0	24.0	21.6	17.3	14.4	12.3	
XR80015 XR110015 (100)	1.0	M	F	0.34	102	81.6	68.0	58.3	51.0	40.8	34.0	25.5	22.7	20.4	16.3	13.6	11.7	
	1.5	F	F	0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.8	14.4	
	2.0	F	F	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5	
	3.0	F	F	0.54	162	130	108	92.6	81.0	64.8	54.0	40.5	36.0	32.4	25.9	21.6	18.5	
XR8002 XR11002 (50)	1.0	M	M	0.46	138	110	92.0	78.9	69.0	55.2	46.0	34.5	30.7	27.6	22.1	18.4	15.8	
	1.5	F	F	0.56	168	134	112	96.0	84.0	67.2	56.0	42.0	37.3	33.6	26.9	22.4	19.2	
	2.0	F	F	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3	
	3.0	F	F	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
XR80025 XR110025 (50)	1.0	M	M	0.57	171	137	114	97.7	85.5	68.4	57.0	42.8	38.0	34.2	27.4	22.8	19.5	
	1.5	M	F	0.70	210	168	140	120	105	84.0	70.0	52.5	46.7	42.0	33.6	28.0	24.0	
	2.0	F	F	0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8	
	3.0	F	F	0.99	297	236	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9	
XR8003 XR11003 (50)	1.0	M	M	0.68	204	162	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
	1.5	M	M	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5	
	2.0	F	F	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9	
	3.0	F	F	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
XR80035 (50)	1.0	F	F	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6	
	1.5	M	M	0.80	240	192	160	137	120	96.0	80.0	60.0	53.3	48.0	38.4	32.0	27.4	
	2.0	M	M	1.13	339	271	226	194	170	136	113	84.8	75.3	67.8	54.2	45.2	38.7	
	3.0	F	F	1.26	378	302	252	216	189	151	126	94.5	84.0	75.6	60.5	50.4	43.2	
XR8004 XR11004 (50)	1.0	C	M	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
	1.5	M	M	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4	
	2.0	M	M	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2	
	3.0	M	F	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
XR8005 XR11005 (50)	1.0	C	F	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
	1.5	C	M	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
	2.0	M	M	1.39	417	334	278	238	209	167	139	104	92.7	83.4	66.7	55.6	47.7	
	3.0	M	M	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2	
XR8006 XR11006 (50)	1.0	M	M	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7	
	1.5	M	M	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5	
	2.0	F	F	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8	
	3.0	C	C	1.37	411	329	274	235	206	164	137	103	91.3	82.2	65.8	54.8	47.0	
XR8008 XR11008 (50)	1.0	C	C	1.68	504	403	336	288	252	202	168	126	112	101	80.6	67.2	57.6	
	1.5	M	M	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5	
	2.0	M	M	2.16	648	518	432	370	324	259	216	162	144	130	104	86.4	74.1	
	3.0	M	F	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3	
XR8010† XR11010†	1.0	C	C	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9	
	1.5	VC	C	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
	2.0	VC	C	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5	
	3.0	C	C	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5	
XR8015† XR11015†	1.0	M	M	2.88	864	691	576	494	432	346	288	216	192	173	138	115	98.7	
	1.5	M	M	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108	
	2.0	M	M	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125	
	3.0	C	C	2.28	684	547	456	391	342	274	228	171	152	137	109	91.2	78.2	
XR8015S† XR11015S†	1.0	VC	C	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7	
	1.5	VC	C	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111	
	2.0	C	C	3.61	1083	866	722	619	542	433	361	271	241	217	173	144	124	
	3.0	C	C	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135	
XR8015V† XR11015V†	1.0	C	C	4.56	1368	1094	912	782	684	547	456	362	324	274	219	182	156	
	1.5	XC	VC	3.42	1026	821	684	586	513	410	342	257	228	205	164	137	117	
	2.0	XC	VC	4.19	1257	1006	838	718	629	503	419	314	279	251	201	168	144	
	3.0	VC	C	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166	
XR8015V† XR11015V†	1.0	VC	C	5.40	1620	1296	1080	926	810	648	540	405	360	324	259	216	185	
	1.5	VC	C	5.92	1776	1421	1184	1015	888	710	592	444	395	355	284	237	203	
	2.0	C	C	6.84	2052	1642	1368	1173	1026	821	684	513	456	410	328	274	235	
	3.0	C	C															

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information. †Available in all stainless steel only.

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

Spray Angle	Optimum Spray Height
80°	75 cm
110°	50 cm

## 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 on page 4 for recommended typical applications for XRC TeeJet tips.

## Features:

- Excellent spray distribution over a wide range of pressures—15–60 PSI (1–4 bar).
- 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.



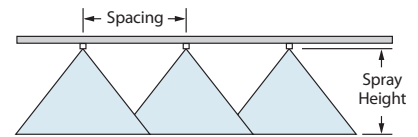
At 15 PSI (1 bar) Pressure      At 60 PSI (4 bar) Pressure

Icon	bar	DROP SIZE		CAPACITY ONE NOZZLE IN l/min	l/ha  50cm												
		80°	110°		4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h
					M	F	M	F	M	F	M	F	M	F	M	F	M
XRC80015 (100)	1.0	M		0.34	102	81.6	68.0	58.3	51.0	40.8	34.0	25.5	22.7	20.4	16.3	13.6	11.7
	1.5	F		0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.8	14.4
	2.0	F		0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5
	3.0	F		0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2
4.0	F		0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
XRC8002 XRC11002 (50)	1.0	M	M	0.46	138	110	92.0	78.9	69.0	55.2	46.0	34.5	30.7	27.6	22.1	18.4	15.8
	1.5	F	F	0.56	168	134	112	96.0	84.0	67.2	56.0	42.0	37.3	33.6	26.9	22.4	19.2
	2.0	F	F	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3
	3.0	F	F	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1
4.0	F	F	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
XRC110025 (50)	1.0	M		0.57	171	137	114	97.7	85.5	68.4	57.0	42.8	38.0	34.2	27.4	22.8	19.5
	1.5	F		0.70	210	168	140	120	105	84.0	70.0	52.5	46.7	42.0	33.6	28.0	24.0
	2.0	F		0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8
	3.0	F		0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9
4.0	F		1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
XRC8003 XRC11003 (50)	1.0	M	M	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3
	1.5	M	M	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5
	2.0	F	F	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9
	3.0	F	F	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5
4.0	F	F	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6	
XRC8004 XRC11004 (50)	1.0	C	M	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2
	1.5	M	M	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4
	2.0	M	M	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2
	3.0	M	F	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2
4.0	F	F	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
XRC8005 XRC11005 (50)	1.0	C	M	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1
	1.5	C	M	1.39	417	334	278	238	209	167	139	104	92.7	83.4	66.7	55.6	47.7
	2.0	M	M	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2
	3.0	M	M	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5
4.0	F	F	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8	
XRC8006 XRC11006 (50)	1.0	C	C	1.37	411	329	274	235	206	164	137	103	91.3	82.2	65.8	54.8	47.0
	1.5	C	M	1.68	504	403	336	288	252	202	168	126	112	101	80.6	67.2	57.6
	2.0	M	M	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5
	3.0	M	M	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3
4.0	M	F	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9	
XRC8008 XRC11008 (50)	1.0	VC	C	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
	1.5	VC	C	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5
	2.0	C	C	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5
	3.0	M	M	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108
4.0	M	M	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125	
XRC11010	1.0	VC		2.28	684	547	456	391	342	274	228	171	152	137	109	91.2	78.2
	1.5	C		2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7
	2.0	C		3.23	969	775	646	554	485	388	323	242	215	194	155	129	111
	3.0	M		3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135
4.0	M		4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156	
XRC11015	1.0	VC		3.42	1026	821	684	586	513	410	342	257	228	205	164	137	117
	1.5	VC		4.19	1257	1006	838	718	629	503	419	314	279	251	201	168	144
	2.0	VC		4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166
	3.0	C		5.92	1776	1421	1184	1015	888	710	592	444	395	355	284	237	203
4.0	C		6.84	2052	1642	1368	1173	1026	821	684	513	456	410	328	274	235	
XRC11020	1.0	XC		4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156
	1.5	XC		5.58	1674	1339	1116	957	837	670	558	419	372	335	268	223	191
	2.0	XC		6.44	1932	1546	1288	1104	966	773	644	483	429	386	309	258	221
	3.0	VC		7.89	2367	1894	1578	1353	1184	947	789	592	526	473	379	316	271
4.0	VC		9.11	2733	2186	1822	1562	1367	1093	911	683	607	547	437	364	312	



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

Tip Angle	Optimum Spray Height
80°	75 cm
110°	50 cm

## 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

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.



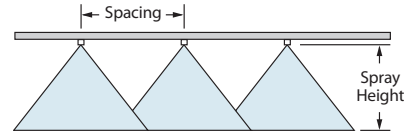
# TeeJet® VisiFlo® Flat Spray Tips

## Features:

- Tapered edge flat spray pattern for uniform coverage in broadcast spraying.
- VisiFlo color-coded version available in stainless steel, ceramic and polymer in 80° or 110° spray angles in selected sizes.
- Available in ceramic 80° capacities 01–02 and 110° capacities 01–015. See XR and XRC TeeJet® tips on page 12–13 for larger capacities.
- Standard version (not color-coded) available in 15°, 25°, 40°, 50° and 65° spray angles in brass, stainless steel or hardened stainless steel.
- See page 35 for TeeJet even flat spray tips.
- Automatic spray alignment with 25612-\*NYR Quick TeeJet® cap and gasket. Reference page 57 for more information.
- Automatic spray alignment for sizes 10 through 20 with 25610-\*NYR Quick TeeJet cap and gasket. Reference page 64 for more information.



Tip #	Bar	Drop Size		Capacity One Nozzle IN l/min	l/ha  50cm													
		80°/110°			4	5	6	7	8	10	12	16	18	20	25	30	35	
		km/h	km/h		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	
TP650050†	2.0			0.16	48.0	38.4	32.0	27.4	24.0	19.2	16.0	12.0	10.7	9.6	7.7	6.4	5.5	
TP800050†	2.5			0.18	54.0	43.2	36.0	30.9	27.0	21.6	18.0	13.5	12.0	10.8	8.6	7.2	6.2	
TP1100050†	3.0			0.20	60.0	48.0	40.0	34.3	30.0	24.0	20.0	15.0	13.3	12.0	9.6	8.0	6.9	
	3.5			0.22	66.0	52.8	44.0	37.7	33.0	26.4	22.0	16.5	14.7	13.2	10.6	8.8	7.5	
	4.0			0.23	69.0	55.2	46.0	39.4	34.5	27.6	23.0	17.3	15.3	13.8	11.0	9.2	7.9	
TP650067†	2.0			0.21	63.0	50.4	42.0	36.0	31.5	25.2	21.0	15.8	14.0	12.6	10.1	8.4	7.2	
TP800067†	2.5			0.24	72.0	57.6	48.0	41.1	36.0	28.8	24.0	18.0	16.0	14.4	11.5	9.6	8.2	
TP1100067†	3.0			0.26	78.0	62.4	52.0	44.6	39.0	31.2	26.0	19.5	17.3	15.6	12.5	10.4	8.9	
	3.5			0.28	84.0	67.2	56.0	48.0	42.0	33.6	28.0	21.0	18.7	16.8	13.4	11.2	9.6	
	4.0			0.30	90.0	72.0	60.0	51.4	45.0	36.0	30.0	22.5	20.0	18.0	14.4	12.0	10.3	
TP65015†	2.0	F	F	0.32	96.0	76.8	64.0	54.9	48.0	38.4	32.0	24.0	21.3	19.2	15.4	12.8	11.0	
TP8001	2.5	F	F	0.36	108	86.4	72.0	61.7	54.0	43.2	36.0	27.0	24.0	21.6	17.3	14.4	12.3	
TP11001	3.0	F	F	0.39	117	93.6	78.0	66.9	58.5	46.8	39.0	29.3	26.0	23.4	18.7	15.6	13.4	
	3.5	F	F	0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.8	14.4	
	4.0	F	VF	0.45	135	108	90.0	77.1	67.5	54.0	45.0	33.8	30.0	27.0	21.6	18.0	15.4	
TP65015†	2.0	F	F	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5	
TP80015	2.5	F	F	0.54	162	130	108	92.6	81.0	64.8	54.0	40.5	36.0	32.4	25.9	21.6	18.5	
TP110015	3.0	F	F	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2	
	3.5	F	F	0.64	192	154	128	110	96.0	76.8	64.0	48.0	42.7	38.4	30.7	25.6	21.9	
	4.0	F	F	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
TP6502†	2.0	F	F	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3	
TP8002	2.5	F	F	0.72	216	173	144	123	108	86.4	72.0	54.0	48.0	43.2	34.6	28.8	24.7	
TP11002	3.0	F	F	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
	3.5	F	F	0.85	255	204	170	146	128	102	85.0	63.8	56.7	51.0	40.8	34.0	29.1	
	4.0	F	F	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
TP6503†	2.0	F	F	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9	
TP8003	2.5	F	F	1.08	324	259	216	185	162	130	108	81.0	72.0	64.8	51.8	43.2	37.0	
TP11003	3.0	F	F	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
	3.5	F	F	1.27	381	305	254	218	191	152	127	95.3	84.7	76.2	61.0	50.8	43.5	
	4.0	F	F	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6	
TP6504†	2.0	M	M	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2	
TP8004	2.5	M	M	1.44	432	346	288	247	216	173	144	108	96.0	86.4	69.1	57.6	49.4	
TP11004	3.0	M	F	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
	3.5	F	F	1.71	513	410	342	293	257	205	171	128	114	103	82.1	68.4	58.6	
	4.0	F	F	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
TP6505†	2.0	M	M	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2	
TP8005	2.5	M	M	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7	
TP11005	3.0	M	F	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5	
	3.5	M	F	2.13	639	511	426	365	320	256	213	160	142	128	102	85.2	73.0	
	4.0	F	F	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8	
TP6506†	2.0	M	M	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5	
TP8006	2.5	M	M	2.16	648	518	432	370	324	259	216	162	144	130	104	86.4	74.1	
TP11006	3.0	M	M	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3	
	3.5	M	M	2.56	768	614	512	439	384	307	256	192	171	154	123	102	87.8	
	4.0	M	F	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9	
TP6508†	2.0	C	C	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5	
TP8008	2.5	M	M	2.88	864	691	576	494	432	346	288	216	192	173	138	115	98.7	
TP11008	3.0	M	M	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108	
	3.5	M	M	3.41	1023	818	682	585	512	409	341	256	227	205	164	136	117	
	4.0	M	M	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125	
TP6510†	2.0	C	C	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111	
TP8010†	2.5	C	C	3.61	1083	866	722	619	542	433	361	271	241	217	173	144	124	
TP11010†	3.0	C	M	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135	
	3.5	C	M	4.27	1281	1025	854	732	641	512	427	320	285	256	205	171	146	
	4.0	C	M	4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156	
TP6515†	2.0	VC	VC	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166	
TP8015†	2.5	VC	C	5.40	1620	1296	1080	926	810	648	540	405	360	324	259	216	185	
TP11015†	3.0	C	C	5.92	1776	1421	1184	1015	888	710	592	444	395	355	284	237	203	
	3.5	C	C	6.39	1917	1534	1278	1095	959	767	639	479	426	383	307	256	219	
	4.0	C	C	6.84	2052	1642	1368	1173	1026	821	684	513	456	410	328	274	235	
TP6520†	2.0			6.44	1932	1546	1288	1104	966	773	644	483	429	386	309	258	221	
TP8020†	2.5			7.20	2160	1728	1440	1234	1080	864	720	540	480	432	346	288	247	
TP11020†	3.0			7.89	2367	1894	1578	1353	1184	947	789	592	526	473	379	316	271	
	3.5			8.52	2556	2045	1704	1461	1278	1022	852	639	568	511	409	341	292	
	4.0			9.11	2733	2186	1822	1562	1367	1093	911	683	607	547	437	364	312	



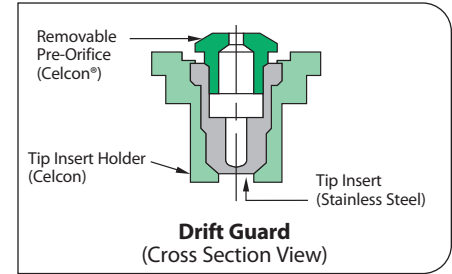
Optimum Spray Height	
	90 cm
	75 cm
	50 cm

- How to order:**  
Specify tip number.
- Examples:
- TP8002VS – Stainless Steel with VisiFlo color-coding
  - TP11002VP – Polymer with VisiFlo color-coding
  - TP11002-HSS – Hardened Stainless Steel
  - TP8002-SS – Stainless Steel
  - TP8002 – Brass

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

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





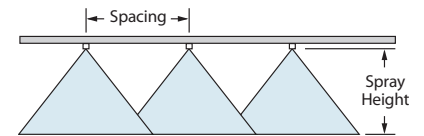
**Note:** Due to the pre-orifice design, this tip is not compatible with the 4193A check valve tip strainer.

## Features:

- Pre-orifice design produces larger droplets and reduces the small drift-prone droplets, minimizing off-target spray contamination.
- Tapered edge flat spray pattern provides uniform coverage when adjacent nozzle patterns are overlapped in broadcast spraying.
- The color-coded pre-orifice is removable for any necessary cleaning operations.
- Available in both 80° and 110° spray angles with a durable stainless steel orifice.
- Automatic spray alignment with 25612-\*-NYR Quick TeeJet® cap and gasket. Reference page 64 for more information.



Tip Model	bar	DROP SIZE		CAPACITY ONE NOZZLE IN l/min	I/ha $\Delta$ 50cm												
		80°	110°		4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h
DG80015† DG110015 (100)	2.0	M	M	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5
	2.5	M	F	0.54	162	130	108	92.6	81.0	64.8	54.0	40.5	36.0	32.4	25.9	21.6	18.5
	3.0	M	F	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2
	4.0	M	F	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3
5.0	F	F	0.76	228	182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1	
DG8002† DG11002 (50)	2.0	C	M	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3
	2.5	M	M	0.72	216	173	144	123	108	86.4	72.0	54.0	48.0	43.2	34.6	28.8	24.7
	3.0	M	M	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1
	4.0	M	M	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2
5.0	M	M	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0	
DG8003† DG11003 (50)	2.0	C	C	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9
	2.5	M	M	1.08	324	259	216	185	162	130	108	81.0	72.0	64.8	51.8	43.2	37.0
	3.0	M	M	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5
	4.0	M	M	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6
5.0	M	M	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1	
DG8004† DG11004 (50)	2.0	C	C	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2
	2.5	C	C	1.44	432	346	288	247	216	173	144	108	96.0	86.4	69.1	57.6	49.4
	3.0	M	M	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2
	4.0	M	M	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
5.0	M	M	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9	
DG8005† DG11005 (50)	2.0	C	C	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2
	2.5	C	C	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7
	3.0	C	C	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5
	4.0	M	M	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8
5.0	M	M	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1	



## Optimum Spray Height

Spray Angle	Optimum Spray Height
80°	75 cm
110°	50 cm

## How to order:

Specify tip number.

Examples:

- DG8002VS – Stainless Steel with VisiFlo® color-coding
- DG11002-VP – Polymer with VisiFlo color-coding

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

† Available in VisiFlo stainless steel only.



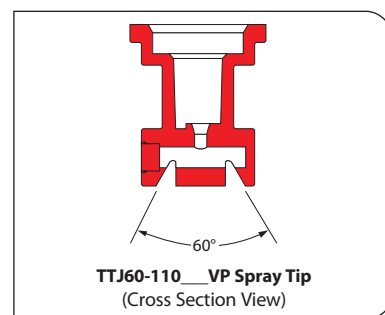
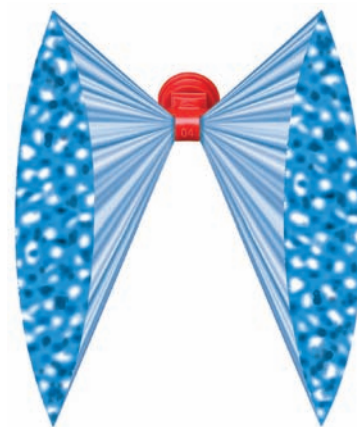
# Turbo TwinJet® Twin Flat Spray Tips

## Typical Applications:

See selection guide on page 4 for recommended typical applications for Turbo TwinJet tips.

## 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.
- Best suited for broadcast spraying where superior leaf coverage and canopy penetration is important.
- Droplet size range is slightly larger than for the same capacity Turbo TeeJet nozzle providing drift-reducing properties with increased canopy coverage and penetration.
- Molded polymer for excellent chemical and wear resistance.
- Available in six 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 Quick TeeJet® cap and gasket. See page 64 for additional information.

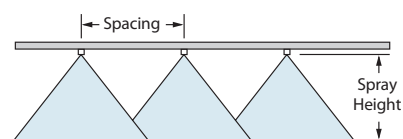


Icon	bar	DROPSIZE	CAPACITY ONE NOZZLE IN l/min	I/ha $\Delta$ 50cm													
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h	
TTJ60-11002 (100)	1.5	C	0.56	168	134	112	96.0	84.0	67.2	56.0	42.0	37.3	33.6	26.9	22.4	19.2	
	2.0	C	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3	
	3.0	C	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
	4.0	M	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2	
	5.0	M	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0	
TTJ60-110025 (100)	1.5	VC	0.70	210	168	140	120	105	84.0	70.0	52.5	46.7	42.0	33.6	28.0	24.0	
	2.0	C	0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8	
	3.0	C	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9	
	4.0	C	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1	
	5.0	M	1.28	384	304	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9	
TTJ60-11003 (100)	1.5	VC	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5	
	2.0	C	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9	
	3.0	C	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
	4.0	C	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6	
	5.0	C	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1	
TTJ60-11004 (50)	1.5	VC	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4	
	2.0	C	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2	
	3.0	C	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
	4.0	C	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
	5.0	C	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9	
TTJ60-11005 (50)	1.5	VC	1.39	417	334	278	238	209	167	139	104	92.7	83.4	66.7	55.6	47.7	
	2.0	C	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2	
	3.0	C	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5	
	4.0	C	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8	
	5.0	C	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1	
TTJ60-11006 (50)	1.5	XC	1.68	504	403	336	288	252	202	168	126	112	101	80.6	67.2	57.6	
	2.0	VC	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5	
	3.0	C	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3	
	4.0	C	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9	
	5.0	C	3.06	918	734	612	525	459	367	306	230	204	184	147	122	105	
6.0	C	3.35	1005	804	670	574	503	402	335	251	223	201	161	134	115		

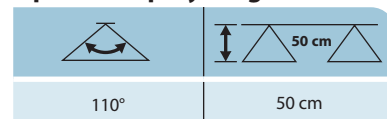
**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

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

\*At pressures below 30 PSI (2.0 bar)



## Optimum Spray Height



## How to order:

Specify tip number.

Example:

TTJ60-11004VP – Polymer with VisiFlo® color-coding

TTJ60-11003VP-C – Polymer with VisiFlo color-coding, includes Quick TeeJet cap and gasket

# Air Induction Turbo TwinJet® Twin Flat Spray Tips

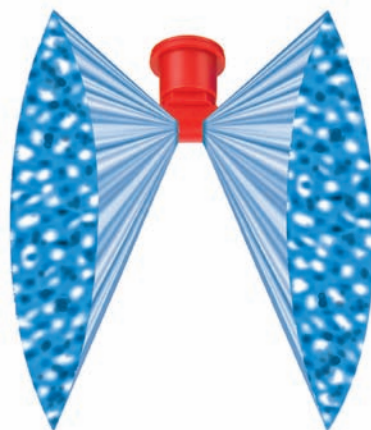


## Typical Applications:

See selection guide on page 4 for recommended typical applications for Air Induction Turbo TwinJet tips.

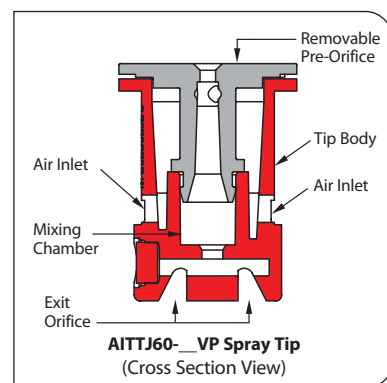
## Features:

- 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 postemergence applications
- Excellent drift control with coarse to very coarse droplets
- Available in nine VisiFlo® color coded capacities (02 through 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) Quick TeeJet® cap and gasket. See page 64 for additional information.

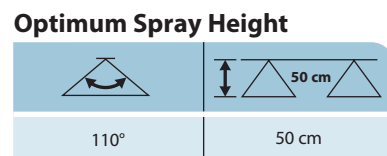
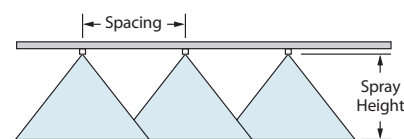


NOZZLE ONE	bar	DROP SIZE	CAPACITY IN/min	l/ha @ 50cm												
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h
AITTJ60-11002VP (100)	1.5	XC	0.56	168	134	112	96.0	84.0	67.2	56.0	42.0	37.3	33.6	26.9	22.4	19.2
	2.0	VC	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3
	3.0	VC	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1
	4.0	C	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2
	5.0	C	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0
	6.0	C	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4
AITTJ60-110025VP (100)	1.5	XC	0.70	210	168	140	120	105	84.0	70.0	52.5	46.7	42.0	33.6	28.0	24.0
	2.0	VC	0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8
	3.0	VC	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9
	4.0	C	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1
	5.0	C	1.28	384	307	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9
	6.0	C	1.40	420	336	280	240	210	168	140	105	93.3	84.0	67.2	56.0	48.0
AITTJ60-11003VP (50)	1.5	UC	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5
	2.0	XC	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9
	3.0	VC	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5
	4.0	VC	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6
	5.0	C	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1
	6.0	C	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3
AITTJ60-11004VP (50)	1.5	UC	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4
	2.0	XC	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2
	3.0	VC	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2
	4.0	VC	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
	5.0	C	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9
	6.0	C	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5
AITTJ60-11005VP (50)	1.5	UC	1.39	417	334	278	238	209	167	139	104	92.7	83.4	66.7	55.6	47.7
	2.0	XC	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2
	3.0	XC	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5
	4.0	VC	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8
	5.0	C	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1
	6.0	C	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7
AITTJ60-11006VP (50)	1.5	UC	1.68	504	403	336	288	252	202	168	126	112	101	80.6	67.2	57.6
	2.0	XC	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5
	3.0	XC	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3
	4.0	VC	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9
	5.0	C	3.06	918	734	612	525	459	367	306	230	204	184	147	122	105
	6.0	C	3.35	1005	804	670	574	503	402	335	251	223	201	161	134	115
AITTJ60-11008VP (50)	1.5	UC	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5
	2.0	UC	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5
	3.0	XC	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108
	4.0	XC	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125
	5.0	VC	4.08	1224	979	816	699	612	490	408	306	272	245	196	163	140
	6.0	VC	4.47	1341	1073	894	766	671	535	447	335	298	268	215	179	153
AITTJ60-11010VP (50)	1.5	UC	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7
	2.0	UC	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111
	3.0	UC	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135
	4.0	XC	4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156
	5.0	XC	5.10	1530	1224	1020	874	765	612	510	383	340	306	245	204	175
	6.0	VC	5.59	1677	1342	1118	958	839	671	559	419	373	335	268	224	192
AITTJ60-11015VP (50)	1.5	UC	4.19	1257	1006	838	718	629	503	419	314	279	251	201	168	144
	2.0	UC	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166
	3.0	UC	5.92	1776	1421	1184	1015	888	710	592	444	395	355	284	237	203
	4.0	XC	6.84	2052	1642	1368	1173	1026	821	684	513	456	410	328	274	235
	5.0	XC	7.64	2292	1834	1528	1310	1146	917	764	573	509	458	367	306	262
	6.0	VC	8.37	2511	2009	1674	1435	1256	1004	837	628	558	502	402	335	287

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.



CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



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



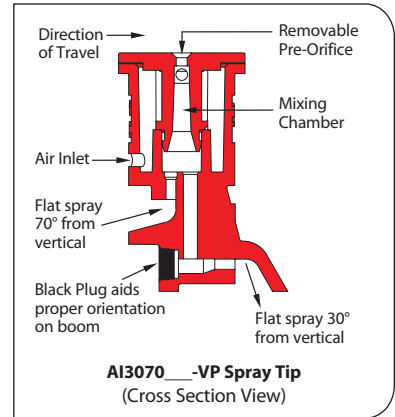
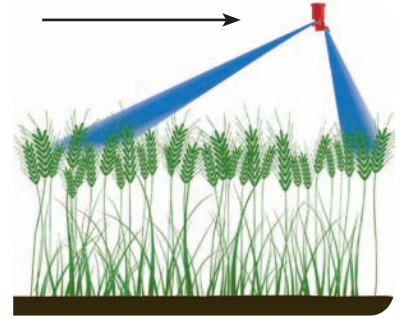
# AI3070<sup>®</sup> Air Induction Dual Pattern Flat Spray Tips

## Typical Applications:

See selection guide on page 4 for recommended typical applications for AI3070 tips.

## Features:

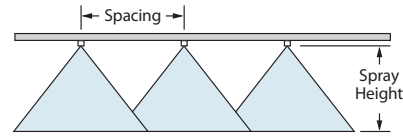
- Provides excellent penetration and seed head coverage for fungicide spraying on cereal crops.
- AI3070 produces two wide angle, flat spray patterns for uniform coverage in broadcast applications.
- 30° forward tilted spray penetrates dense crop canopies, while the backward tilted 70° spray maximizes coverage of the crop seed head.
- Drift resistant drops are produced through the use of a venturi air aspirator.
- All acetel 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<sup>®</sup> cap and gasket. Reference page 64 for more information.



Tip Model	Pressure (bar)	Drop Size	Capacity One Nozzle (l/min)	I/ha $\Delta$ 50cm $\Delta$															
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	9 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h	30 km/h	35 km/h			
AI3070-015VP (100)	1.5	VC	0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.80	14.4			
	2.0	C	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.20	16.5			
	3.0	C	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2			
	4.0	M	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3			
	5.0	M	0.76	228	182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1			
	6.0	M	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5			
AI3070-02VP (100)	1.5	XC	0.56	168	134	112	96.0	84.0	67.2	56.0	42.0	37.3	33.6	26.9	22.4	19.2			
	2.0	VC	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3			
	3.0	C	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1			
	4.0	C	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2			
	5.0	M	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0			
	6.0	M	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4			
AI3070-025VP (100)	1.5	XC	0.70	210	168	140	120	105	84.0	70.0	52.5	46.7	42.0	33.6	28.0	24.0			
	2.0	VC	0.81	243	194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8			
	3.0	C	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9			
	4.0	C	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1			
	5.0	C	1.28	384	307	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9			
	6.0	M	1.40	420	336	280	240	210	168	140	105	93.3	84.0	67.2	56.0	48.0			
AI3070-03VP (50)	1.5	XC	0.83	249	199	166	142	125	99.6	83.0	62.3	55.3	49.8	39.8	33.2	28.5			
	2.0	XC	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9			
	3.0	C	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5			
	4.0	C	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6			
	5.0	C	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1			
	6.0	C	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3			
AI3070-04VP (50)	1.5	UC	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4			
	2.0	XC	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2			
	3.0	VC	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2			
	4.0	VC	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4			
	5.0	C	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9			
	6.0	C	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5			
AI3070-05VP (50)	1.5	UC	1.39	417	334	278	238	209	167	139	104	92.7	83.4	66.7	55.6	47.7			
	2.0	XC	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2			
	3.0	VC	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5			
	4.0	VC	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8			
	5.0	C	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1			
	6.0	C	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7			

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	VERY GOOD	EXCELLENT



## Optimum Spray Height

40 cm	22 cm
50 cm	30 cm
75 cm	45 cm

## How to order:

Specify tip number.

Example:

AI3070-04VP – Polymer with VisiFlo<sup>®</sup> color-coding

AI3070-03VP-C – Polymer with VisiFlo color-coding, includes Quick TeeJet cap and gasket

# Turbo TeeJet® Duo Dual Polymer Flat Fan Spray Tips



## Features:

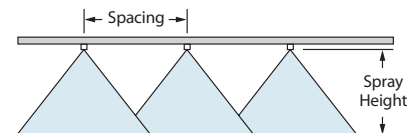
- Two Turbo TeeJet tapered edge flat fan spray tips using a QJ90-2-NYR adapter to produce a twin-type pattern spraying forward and back. See page 5 for more information on Turbo TeeJet spray tips.
- Provides more versatility than the standard twin-type spray tip. Depending on the Turbo TeeJet tip orientation, a 60°, 90° or 120° included angle can be achieved.
- Best suited for broadcast spraying where superior leaf coverage and canopy penetration is important.
- QJ90 adapter and Quick TeeJet® caps are made of nylon. Turbo TeeJet tips are made of Acetal for excellent wear life and chemical resistance. See page 66 for additional information about the QJ90-2-NYR adapter.
- Ideal for use with automatic sprayer controls.
- Recommended operating pressure range is 15–90 PSI (1–6 bar).
- Quick TeeJet caps (included) are colored to match the VisiFlo® color-coding of spray tips. See page 64 for additional information.



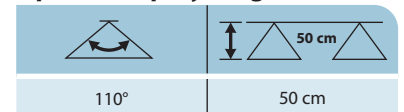
	bar	DROP SIZE	CAPACITY ONE TT DUO IN l/min	l/ha 												
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h
QJ90-2XTT11001 (100)	1.0	C	0.46	138	110	92.0	78.9	69.0	55.2	46.0	34.5	30.7	27.6	22.1	18.4	15.8
	2.0	M	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3
	3.0	M	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1
	4.0	F	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2
	5.0	F	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0
	6.0	F	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4
QJ90-2XTT110015 (100)	1.0	VC	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3
	2.0	M	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9
	3.0	M	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5
	4.0	F	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6
	5.0	F	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1
	6.0	F	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3
QJ90-2XTT11002 (50)	1.0	VC	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2
	2.0	C	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2
	3.0	M	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2
	4.0	M	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
	5.0	F	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9
	6.0	F	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5
QJ90-2XTT110025 (50)	1.0	VC	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1
	2.0	C	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2
	3.0	M	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5
	4.0	M	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8
	5.0	F	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1
	6.0	F	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7
QJ90-2XTT11003 (50)	1.0	VC	1.37	411	329	274	235	206	164	137	103	91.3	82.2	65.8	54.8	47.0
	2.0	C	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5
	3.0	M	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3
	4.0	M	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9
	5.0	M	3.06	918	734	612	525	459	367	306	230	204	184	147	122	105
	6.0	M	3.35	1005	804	670	574	503	402	335	251	223	201	161	134	115
QJ90-2XTT11004 (50)	1.0	XC	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
	2.0	C	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5
	3.0	C	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108
	4.0	M	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125
	5.0	M	4.08	1224	979	816	699	612	490	408	306	272	245	196	163	140
	6.0	M	4.47	1341	1073	894	766	671	536	447	335	298	268	215	179	153
QJ90-2XTT11005 (50)	1.0	XC	2.28	684	547	456	391	342	274	228	171	152	137	109	91.2	78.2
	2.0	VC	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111
	3.0	C	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135
	4.0	C	4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156
	5.0	M	5.10	1530	1224	1020	874	765	612	510	383	340	306	245	204	175
	6.0	M	5.59	1677	1342	1118	958	839	671	559	419	373	335	268	224	192
QJ90-2XTT11006 (50)	1.0	XC	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9
	2.0	VC	3.87	1161	929	774	663	581	464	387	290	258	232	186	155	133
	3.0	VC	4.74	1422	1138	948	813	711	569	474	356	316	284	228	190	163
	4.0	C	5.47	1641	1313	1094	938	821	656	547	410	365	328	263	219	188
	5.0	C	6.12	1836	1469	1224	1049	918	734	612	459	408	367	294	245	210
	6.0	M	6.70	2010	1608	1340	1149	1005	804	670	503	447	402	322	268	230
QJ90-2XTT11008 (50)	1.0	XC	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125
	2.0	VC	5.16	1548	1238	1032	885	774	619	516	387	344	310	248	206	177
	3.0	C	6.32	1896	1517	1264	1083	948	758	632	474	421	379	303	253	217
	4.0	C	7.30	2190	1752	1460	1251	1095	876	730	548	487	438	350	292	250
	5.0	M	8.16	2448	1958	1632	1399	1224	979	816	612	544	490	392	326	280
	6.0	M	8.94	2682	2146	1788	1533	1341	1073	894	671	596	536	429	358	307

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

\*At pressures below 30 PSI (2.0 bar)



### Optimum Spray Height



### How to order:

Specify tip number.

Example:

QJ90-2XTT11004-VP – Polymer with VisiFlo color-coding

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.



# TXR ConeJet<sup>®</sup> Hollow Cone Spray Tips

## Typical Applications:

Use for broadcast application of insecticides, fungicides, defoliants and foliar fertilizers at pressures of 40 PSI (3 bar) and above.

## Features:

- Produces uniform, 80° hollow cone spray pattern.
- Flow rates are matched to serve as a direct replacement for commonly used non-TeeJet hollow cone spray tips.

- High-quality ceramic orifice provides superior wear life, including high-pressure operation.
- Low profile acetal tip body provides minimal impact with foliage and excellent chemical resistance.
- Color-coded holder based on tip flow rate allows for easy capacity identification.

- Snap-fit backup plate provides positive retention when handled in field, but allows for tool-free removal for easy cleaning.
- Suggested spray pressure range of 30–360 PSI (2–25 bar).
- Uses 114396-1-NYR Quick TeeJet<sup>®</sup> cap, gasket and O-ring. Reference page 64 for more information.



Tip Model	Pressure (bar)	Drop Size (µm)	Capacity One Nozzle (L/min)	I/ha @ 50cm													
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h	
TXR800053VK (100)	2.0	VF	0.17	51.0	40.8	34.0	29.1	25.5	20.4	17.0	12.8	11.3	10.2	8.2	6.8	5.8	
	3.0	VF	0.21	63.0	50.4	42.0	36.0	31.5	25.2	21.0	15.8	14.0	12.6	10.1	8.4	7.2	
	4.0	VF	0.24	72.0	57.6	48.0	41.1	36.0	28.8	24.0	18.0	16.0	14.4	11.5	9.6	8.2	
	5.0	VF	0.27	81.0	64.8	54.0	46.3	40.5	32.4	27.0	20.3	18.0	16.2	13.0	10.8	9.3	
	6.0	VF	0.29	87.0	69.6	58.0	49.7	43.5	34.8	29.0	21.8	19.3	17.4	13.9	11.6	9.9	
	7.0	VF	0.31	93.0	74.4	62.0	53.1	46.5	37.2	31.0	23.3	20.7	18.6	14.9	12.4	10.6	
TXR800071VK (50)	2.0	F	0.23	69.0	55.2	46.0	39.4	34.5	27.6	23.0	17.3	15.3	13.8	11.0	9.2	7.9	
	3.0	VF	0.28	84.0	67.2	56.0	48.0	42.0	33.6	28.0	21.0	18.7	16.8	13.4	11.2	9.6	
	4.0	VF	0.32	96.0	76.8	64.0	54.9	48.0	38.4	32.0	24.0	21.3	19.2	15.4	12.8	11.0	
	5.0	VF	0.36	108	86.4	72.0	61.7	54.0	43.2	36.0	27.0	24.0	21.6	17.3	14.4	12.3	
	6.0	VF	0.39	117	93.6	78.0	66.9	58.5	46.8	39.0	29.3	26.0	23.4	18.7	15.6	13.4	
	7.0	VF	0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.8	14.4	
TXR8001VK (50)	2.0	F	0.33	99.0	79.2	66.0	56.6	49.5	39.6	33.0	24.8	22.0	19.8	15.8	13.2	11.3	
	3.0	F	0.39	117	93.6	78.0	66.9	58.5	46.8	39.0	29.3	26.0	23.4	18.7	15.6	13.4	
	4.0	VF	0.45	135	108	90.0	77.1	67.5	54.0	45.0	33.8	30.0	27.0	21.6	18.0	15.4	
	5.0	VF	0.50	150	120	100	85.7	75.0	60.0	50.0	37.5	33.3	30.0	24.0	20.0	17.1	
	6.0	VF	0.55	165	132	110	94.3	82.5	66.0	55.0	41.3	36.7	33.0	26.4	22.0	18.9	
	7.0	VF	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2	
TXR80013VK (50)	2.0	F	0.43	129	103	86.0	73.7	64.5	51.6	43.0	32.3	28.7	25.8	20.6	17.2	14.7	
	3.0	F	0.53	159	127	106	90.9	79.5	63.6	53.0	39.8	35.3	31.8	25.4	21.2	18.2	
	4.0	VF	0.60	180	144	120	103	90.0	72.0	60.0	45.0	40.0	36.0	28.8	24.0	20.6	
	5.0	VF	0.67	201	161	134	115	101	80.4	67.0	50.3	44.7	40.2	32.2	26.8	23.0	
	6.0	VF	0.73	219	175	146	125	110	87.6	73.0	54.8	48.7	43.8	35.0	29.2	25.0	
	7.0	VF	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
TXR80015VK (50)	2.0	F	0.49	147	118	98.0	84.0	73.5	58.8	49.0	36.8	32.7	29.4	23.5	19.6	16.8	
	3.0	F	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2	
	4.0	F	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3	
	5.0	F	0.75	225	180	150	129	113	90.0	75.0	56.3	50.0	45.0	36.0	30.0	25.7	
	6.0	VF	0.82	246	197	164	141	123	98.4	82.0	61.5	54.7	49.2	39.4	32.8	28.1	
	7.0	VF	0.89	267	214	178	153	134	107	89.0	66.8	59.3	53.4	42.7	35.6	30.5	
TXR80017VK (50)	2.0	F	0.54	162	130	108	92.6	81.0	64.8	54.0	40.5	36.0	32.4	25.9	21.6	18.5	
	3.0	F	0.66	198	158	132	113	99.0	79.2	66.0	49.5	44.0	39.6	31.7	26.4	22.6	
	4.0	F	0.75	225	180	150	129	113	90.0	75.0	56.3	50.0	45.0	36.0	30.0	25.7	
	5.0	VF	0.84	252	202	168	144	126	101	84.0	63.0	56.0	50.4	40.3	33.6	28.8	
	6.0	VF	0.92	276	221	184	158	138	110	92.0	69.0	61.3	55.2	44.2	36.8	31.5	
	7.0	VF	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9	
TXR8002VK (50)	2.0	F	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3	
	3.0	F	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1	
	4.0	F	0.90	270	216	180	154	135	108	90.0	67.5	60.0	54.0	43.2	36.0	30.9	
	5.0	VF	1.01	303	242	202	173	152	121	101	75.8	67.3	60.6	48.5	40.4	34.6	
	6.0	VF	1.10	330	264	220	189	165	132	110	82.5	73.3	66.0	52.8	44.0	37.7	
	7.0	VF	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
TXR80028VK (50)	2.0	F	0.89	267	214	178	153	134	107	89.0	66.8	59.3	53.4	42.7	35.6	30.5	
	3.0	F	1.08	324	259	216	185	162	130	108	81.0	72.0	64.8	51.8	43.2	37.0	
	4.0	F	1.24	372	298	248	213	186	149	124	93.0	82.7	74.4	59.5	49.6	42.5	
	5.0	VF	1.38	414	331	276	237	207	166	138	104	92.0	82.8	66.2	55.2	47.3	
	6.0	VF	1.51	453	362	302	259	227	181	151	113	101	90.6	72.5	60.4	51.8	
	7.0	VF	1.62	486	389	324	278	243	194	162	122	108	97.2	77.8	64.8	55.5	
TXR8003VK (50)	2.0	F	0.97	291	233	194	166	146	116	97.0	72.8	64.7	58.2	46.6	38.8	33.3	
	3.0	F	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5	
	4.0	F	1.37	411	329	274	235	206	164	137	103	91.3	82.2	65.8	54.8	47.0	
	5.0	F	1.53	459	367	306	262	230	184	153	115	102	91.8	73.4	61.2	52.5	
	6.0	F	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3	
	7.0	VF	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7	
TXR80036VK (50)	2.0	F	1.15	345	276	230	197	173	138	115	86.3	76.7	69.0	55.2	46.0	39.4	
	3.0	F	1.41	423	338	282	242	212	169	141	106	94.0	84.6	67.7	56.4	48.3	
	4.0	F	1.62	486	389	324	278	243	194	162	122	108	97.2	77.8	64.8	55.5	
	5.0	F	1.81	543	434	362	310	272	217	181	136	121	109	86.8	72.4	62.1	
	6.0	F	1.98	594	475	396	339	297	238	198	149	132	119	95.0	79.2	67.9	
	7.0	VF	2.14	642	514	428	367	321	257	214	161	143	128	103	85.6	73.4	
TXR8004VK (50)	2.0	F	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2	
	3.0	F	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
	4.0	F	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4	
	5.0	F	2.03	609	487	406	348	305	244	203	152	135	122	97.4	81.2	69.6	
	6.0	F	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5	
	7.0	VF	2.40	720	576	480	411	360	288	240	180	160	144	115	96.0	82.3	
TXR80049VK (50)	2.0	F	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2	
	3.0	F	1.93	579	463	386	331	290	232	193	145	129	116	92.6	77.2	66.2	
	4.0	F	2.22	666	533	444	381	333	266	222	167	148	133	107	88.8	76.1	
	5.0	F	2.48	744	595	496	425	372	298	248	186	165	149	119	99.2	85.0	
	6.0	F	2.72	816	653	544	466	408	326	272	204	181	163	131	109	93.3	
	7.0	F	2.93	879	703	586	502	440	352	293	220	195	176	141	117	100	

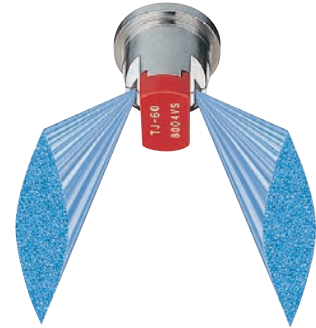


## Typical Applications:

See selection guide on page 4 for recommended typical applications for TwinJet tips.

## Features:

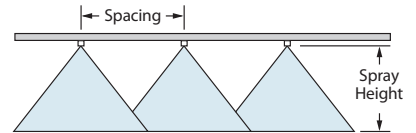
- Penetrates crop residue or dense foliage.
- Smaller droplets for thorough coverage.
- Better spray distribution along boom than with hollow cone nozzles.
- Available in stainless steel with VisiFlo® color-coding in 65°, 80° and 110° spray angles.
- Recommended pressure rating 30–60 PSI (2–4 bar).
- See page 36 for TwinJet even flat spray tips.
- Automatic spray alignment with 25598\*-NYR Quick TeeJet® cap and gasket. Reference page 64 for more information.



Tip Model	Pressure (bar)	Drop Size (µm)	Capacity One Nozzle (l/min)	l/ha @ 50cm															
				80°		110°		Nozzle Size											
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h			
TJ60-6501 TJ60-8001 (100)	2.0	VF	0.32	96.0	76.8	64.0	54.9	48.0	38.4	32.0	24.0	21.3	19.2	15.4	12.8	11.0			
	2.5	VF	0.36	108	86.4	72.0	61.7	54.0	43.2	36.0	27.0	24.0	21.6	17.3	14.4	12.3			
	3.0	VF	0.39	117	93.6	78.0	66.9	58.5	46.8	39.0	29.3	26.0	23.4	18.7	15.6	13.4			
	3.5	VF	0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.8	14.4			
TJ60-650134 (100)	2.0		0.43	129	103	86.0	73.7	64.5	51.6	43.0	32.3	28.7	25.8	20.6	17.2	14.7			
	2.5		0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5			
	3.0		0.53	159	127	106	90.9	79.5	63.6	53.0	39.8	35.3	31.8	25.4	21.2	18.2			
	3.5		0.57	171	137	114	97.7	85.5	68.4	57.0	42.8	38.0	34.2	27.4	22.8	19.5			
TJ60-6502 TJ60-8002 TJ60-11002 (100)	2.0	F	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3			
	2.5	F	0.72	216	173	144	123	108	86.4	72.0	54.0	48.0	43.2	34.6	28.8	24.7			
	3.0	F	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1			
	3.5	F	0.85	255	204	170	146	128	102	85.0	63.8	56.7	51.0	40.8	34.0	29.1			
TJ60-6503 TJ60-8003 TJ60-11003 (100)	2.0	F	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9			
	2.5	F	1.08	324	259	216	185	162	130	108	81.0	72.0	64.8	51.8	43.2	37.0			
	3.0	F	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5			
	3.5	F	1.27	381	305	254	218	191	152	127	95.3	84.7	76.2	61.0	50.8	43.5			
TJ60-6504 TJ60-8004 TJ60-11004 (50)	2.0	M	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2			
	2.5	M	1.44	432	346	288	247	216	173	144	108	96.0	86.4	69.1	57.6	49.4			
	3.0	F	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2			
	3.5	F	1.71	513	410	342	293	257	205	171	128	114	103	82.1	68.4	58.6			
TJ60-8005 TJ60-11005 (50)	2.0	M	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2			
	2.5	M	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7			
	3.0	M	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5			
	3.5	F	2.13	639	511	426	365	320	256	213	160	142	128	102	85.2	73.0			
TJ60-6506 TJ60-8006 TJ60-11006 (50)	2.0	M	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5			
	2.5	M	2.16	648	518	432	370	324	259	216	162	144	130	104	86.4	74.1			
	3.0	M	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3			
	3.5	M	2.56	768	614	512	439	384	307	256	192	171	154	123	102	87.8			
TJ60-6508 TJ60-8008 TJ60-11008 (50)	2.0	C	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5			
	2.5	M	2.88	864	691	576	494	432	346	288	216	192	173	138	115	98.7			
	3.0	M	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108			
	3.5	M	3.41	1023	818	682	585	512	409	341	256	227	205	164	136	117			
TJ60-8010 TJ60-11010 (50)	2.0	C	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111			
	2.5	C	3.61	1083	866	722	619	542	433	361	271	241	217	173	144	124			
	3.0	C	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135			
	3.5	M	4.27	1281	1025	854	732	641	512	427	320	285	256	205	171	146			
	4.0	M	4.56	1368	1094	912	782	684	547	452	342	304	274	219	182	156			

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

Contact Product	Systemic Product	Drift Management
EXCELLENT	—	—



## Optimum Spray Height

Spray Angle	Optimum Spray Height (cm)
65°	90 cm
80°	75 cm
110°	50 cm

## How to order:

Specify tip number.

Example:

TJ60-8002VS – Stainless Steel with VisiFlo color-coding



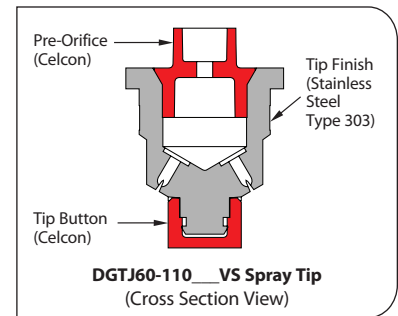
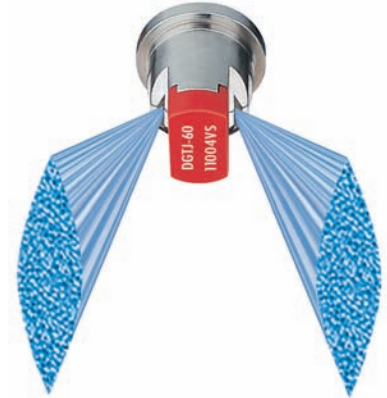
# DG TwinJet® Drift Guard Twin Flat Spray Tips

## Typical Applications:

See selection guide on page 4 for recommended typical applications for DG TwinJet tips.

## Features:

- Dual 110°, tapered edge, flat fan spray patterns spraying 60° forward to back providing uniform coverage in broadcast spraying applications.
- DG TwinJet offers larger droplets and improved drift control compared to a standard TwinJet spray tip of equal capacity.
- Dual angled spray patterns help to better penetrate crop canopy and provide thorough leaf coverage.
- Made of stainless steel with VisiFlo® color-coding for excellent chemical and wear resistance.
- Removable polymer pre-orifice.
- Available in six capacities with a recommended pressure range of 30–60 PSI (2–4 bar).
- Automatic spray alignment when used with 25598-\*-NYR Quick TeeJet® cap and gasket. Reference page 64 for more information.

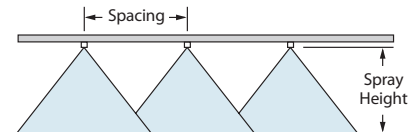


**Note:** Due to pre-orifice design, this tip is not compatible with the 4193A check valve tip strainer.

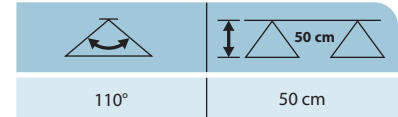
Icon	bar	DROPSIZE	CAPACITY ONE NOZZLE IN l/min	l/ha  50cm												
				4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	16 km/h	18 km/h	20 km/h	25 km/h	30 km/h	35 km/h
	2.0	F	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5
	2.5	F	0.54	162	130	108	92.6	81.0	64.8	54.0	40.5	36.0	32.4	25.9	21.6	18.5
	3.0	F	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2
	3.5	F	0.64	192	154	128	110	96.0	76.8	64.0	48.0	42.7	38.4	30.7	25.6	21.9
	4.0	F	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3
	2.0	M	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3
	2.5	M	0.72	216	173	144	123	108	86.4	72.0	54.0	48.0	43.2	34.6	28.8	24.7
	3.0	F	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1
	3.5	F	0.85	255	204	170	146	128	102	85.0	63.8	56.7	51.0	40.8	34.0	29.1
	4.0	F	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2
	2.0	M	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9
	2.5	M	1.08	324	259	216	185	162	130	108	81.0	72.0	64.8	51.8	43.2	37.0
	3.0	M	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5
	3.5	F	1.27	381	305	254	218	191	152	127	95.3	84.7	76.2	61.0	50.8	43.5
	4.0	F	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6
		2.0	C	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6
2.5		C	1.44	432	346	288	247	216	173	144	108	96.0	86.4	69.1	57.6	49.4
3.0		C	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2
3.5		C	1.71	513	410	342	293	257	205	171	128	114	103	82.1	68.4	58.6
	4.0	C	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
	2.0	C	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5
	2.5	C	2.16	648	518	432	370	324	259	216	162	144	130	104	86.4	74.1
	3.0	C	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3
	3.5	C	2.56	768	614	512	439	384	307	256	192	171	154	123	102	87.8
	4.0	C	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9
	2.0	C	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5
	2.5	C	2.88	864	691	576	494	432	346	288	216	192	173	138	115	98.7
	3.0	C	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108
	3.5	C	3.41	1023	818	682	585	512	409	341	256	227	205	164	136	117
	4.0	C	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
VERY GOOD	EXCELLENT	VERY GOOD



## Optimum Spray Height



**How to order:**  
Specify tip number.

Example:

DGTJ60-11004VS – Stainless Steel with VisiFlo color-coding



# Turbo FloodJet® Wide Angle Flat Spray Tips



## Typical Applications:

See selection guide on page 4 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. Reference page 64 for more information.

## QCT Cam Lever Coupling Adapter

- Provides easy changeover from high capacity to lower capacity nozzles.
- Adapter fits standard 3/4" Cam lever coupling.
- Corrosion-resistant stainless steel and polypropylene construction.
- Rated up to 100 PSI (7 bar).
- Use QJT-NYB to retrofit to Quick TeeJet.

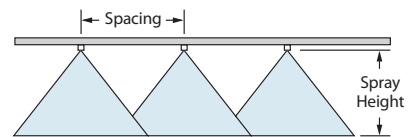


CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
—	VERY GOOD	EXCELLENT

Tip Size	DROP SIZE (µm)	CAPACITY ONE NOZZLE (l/min)	l/ha @ 75 cm								l/ha @ 100 cm							
			4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h	4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h
TF-12 (50)	1.0 UC	0.91	182	121	91.0	72.8	60.7	45.5	36.4	29.1	137	91.0	68.3	54.6	45.5	34.1	27.3	21.8
	1.5 XC	1.11	222	148	111	88.8	74.0	55.5	44.4	35.5	167	111	83.3	66.6	55.5	41.6	33.3	26.6
	2.0 XC	1.29	258	172	129	103	86.0	64.5	51.6	41.3	194	129	96.8	77.4	64.5	48.4	38.7	31.0
	2.5 XC	1.44	288	192	144	115	96.0	72.0	57.6	46.1	216	144	108	86.4	72.0	54.0	42.3	34.6
TF-12.5 (50)	1.0 UC	1.14	228	152	114	91.2	76.0	57.0	45.6	36.5	171	114	85.5	68.4	57.0	42.8	34.2	27.4
	1.5 UC	1.40	280	187	140	112	93.3	70.0	56.0	44.8	210	140	105	84.0	70.0	52.5	42.0	33.6
	2.0 XC	1.61	322	215	161	129	107	80.5	64.4	51.5	242	161	121	96.6	80.5	60.4	48.3	38.6
	2.5 XC	1.80	360	240	180	144	120	90.0	72.0	57.6	270	180	135	108	90.0	67.5	54.0	43.2
TF-13 (50)	1.0 UC	1.37	274	183	137	110	91.3	68.5	54.8	43.8	206	137	103	82.2	68.5	51.4	41.1	32.9
	1.5 UC	1.68	336	224	168	134	112	84.0	67.2	53.8	252	168	126	101	84.0	63.0	50.4	40.3
	2.0 XC	1.94	388	259	194	155	129	97.0	77.6	62.1	291	194	146	116	97.0	72.8	58.2	46.6
	2.5 XC	2.17	434	289	217	174	145	109	86.8	69.4	326	217	163	130	109	81.4	65.1	52.1
TF-14 (50)	1.0 UC	1.82	364	243	182	146	121	91.0	72.8	58.2	273	182	137	109	91.0	68.3	54.6	43.7
	1.5 UC	2.23	446	297	223	178	149	112	89.2	71.4	335	223	167	134	112	83.6	66.9	53.5
	2.0 UC	2.57	514	343	257	206	171	129	103	82.2	386	257	193	154	129	96.4	77.1	61.7
	2.5 XC	2.88	576	384	288	230	192	144	115	92.2	432	288	216	173	144	108	86.4	69.1
TF-15 (50)	1.0 UC	2.28	456	304	228	182	152	114	91.2	73.0	342	228	171	137	114	85.5	68.4	54.7
	1.5 UC	2.79	558	372	279	223	186	140	112	89.3	419	279	209	167	140	105	83.7	67.0
	2.0 UC	3.22	644	429	322	258	215	161	129	103	483	322	242	193	161	121	96.6	77.3
	2.5 XC	3.60	720	480	360	288	240	180	144	115	540	360	270	216	180	135	108	86.4
TF-17.5 (50)	1.0 UC	3.42	684	456	342	274	228	171	137	109	513	342	257	205	171	128	103	82.1
	1.5 UC	4.19	838	559	419	335	279	210	168	134	629	419	314	251	210	157	126	101
	2.0 UC	4.84	968	645	484	387	323	242	194	155	726	484	363	290	242	182	145	116
	2.5 XC	5.41	1082	721	541	433	361	271	216	173	812	541	406	325	271	203	162	130
TF-10 (50)	1.0 UC	4.56	912	608	456	365	304	228	182	146	684	456	342	274	228	171	137	109
	1.5 UC	5.58	1116	744	558	446	372	279	223	179	837	558	419	335	279	209	167	134
	2.0 UC	6.45	1290	860	645	516	430	323	258	206	968	645	484	387	323	242	194	155
	2.5 XC	7.21	1442	961	721	577	481	361	288	231	1082	721	541	433	361	270	216	173
3.0 UC	7.90	1580	1053	790	632	527	395	316	253	1185	790	593	474	395	296	237	190	

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.

†Specify material.



## Optimum Spray Height

Spacing	Optimum Spray Height
50 cm	60 cm*
75 cm	75 cm*
100 cm	100 cm*

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

## How to order:

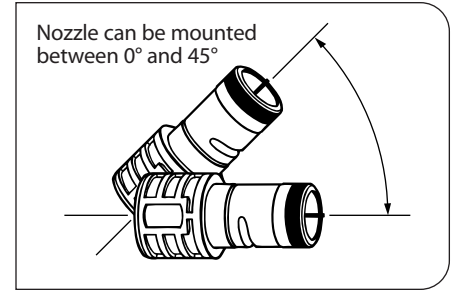
Specify tip number.

Examples:

- TF-VS4 – Stainless Steel with VisiFlo color-coding
- TF-VP4 – Polymer with VisiFlo color-coding



# 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.
- 1.26" (32 mm) diameter tip body fits into 3/4" cam lever coupling.

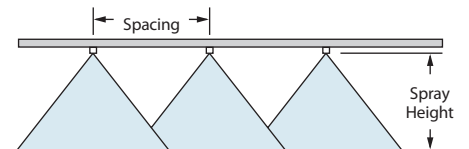
- Grooved side molding for automatic alignment.
- Stainless steel with color-coding for easy size identification.
- Available in standard sizes from 1.5 GPM up to 24.0 GPM (6.84 l/min to 94.73 l/min) at pressures of 10–40 PSI (1–3 bar).

## How to order:

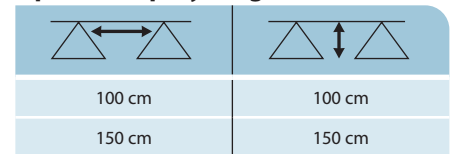
Specify tip number.

Example:

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



## Optimum Spray Height\*



\*When nozzle is mounted parallel to the ground.

SOIL INCORPORATED	PRE-EMERGENCE	DRIFT MANAGEMENT
EXCELLENT	EXCELLENT	EXCELLENT

Nozzle	bar	CAPACITY ONE NOZZLE IN l/min	I/ha										I/ha									
			4	6	8	10	12	14	16	20	25	30	4	6	8	10	12	14	16	20	25	30
			km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
QCTF-VS15	1.0	6.84	1026	684	513	410	342	293	257	205	164	137	684	456	342	274	228	195	171	137	109	91.2
	1.5	8.38	1257	838	629	503	419	359	314	251	201	168	838	559	419	335	279	239	210	168	134	112
	2.0	9.67	1451	967	725	580	484	414	363	290	232	193	967	645	484	387	322	276	242	193	155	129
	3.0	11.85	1778	1185	889	711	593	508	444	356	284	237	1185	790	593	474	395	339	296	237	190	158
QCTF-VS20	1.0	9.12	1368	912	684	547	456	391	342	274	219	182	912	608	456	365	304	261	228	182	146	122
	1.5	11.17	1676	1117	838	670	559	479	419	335	268	223	1117	745	559	447	372	319	279	223	179	149
	2.0	12.90	1935	1290	968	774	645	553	484	387	310	258	1290	860	645	516	430	369	323	258	206	172
	3.0	15.80	2370	1580	1185	948	790	677	593	474	379	316	1580	1053	790	632	527	451	395	316	253	211
QCTF-VS30	1.0	13.67	2051	1367	1025	820	684	586	513	410	328	273	1367	911	684	547	456	391	342	273	219	182
	1.5	16.64	2511	1674	1256	1004	837	717	628	502	402	335	1674	1116	937	670	558	478	419	335	268	223
	2.0	19.33	2900	1933	1450	1160	967	828	725	580	464	387	1933	1289	967	773	644	552	483	387	309	258
	3.0	23.68	3552	2368	1776	1421	1184	1015	888	710	568	474	2368	1579	1184	947	789	677	592	474	379	316
QCTF-VS40	1.0	18.23	2735	1823	1367	1094	912	781	684	547	438	365	1823	1215	912	729	608	521	456	365	292	243
	1.5	22.33	3350	2233	1675	1340	1117	957	837	670	536	447	2233	1489	1117	893	744	638	558	447	357	298
	2.0	25.78	3867	2578	1934	1547	1289	1105	967	773	619	516	2578	1719	1289	1031	859	737	645	516	412	344
	3.0	31.58	4737	3158	2369	1895	1579	1353	1184	947	758	632	3158	2105	1579	1263	1053	902	790	632	505	421
QCTF-VS50	1.0	22.79	3419	2279	1709	1367	1140	977	855	684	547	456	2279	1519	1140	912	760	651	570	456	365	304
	1.5	27.91	4187	2791	2093	1675	1396	1196	1047	837	670	558	2791	1861	1396	1116	930	797	698	558	447	372
	2.0	32.23	4835	3223	2417	1934	1612	1381	1209	967	774	645	3223	2149	1612	1289	1074	921	806	645	516	430
	3.0	39.47	5921	3947	2960	2368	1974	1692	1480	1184	947	789	3947	2631	1974	1579	1316	1128	987	789	632	526
QCTF-VS60	1.0	27.35	4103	2735	2051	1641	1368	1172	1026	821	656	547	2735	1823	1368	1094	912	781	684	547	438	365
	1.5	33.50	5025	3350	2513	2010	1675	1436	1256	1005	804	670	3350	2233	1675	1340	1117	957	838	670	536	447
	2.0	38.68	5802	3868	2901	2321	1934	1658	1451	1160	928	774	3868	2579	1934	1547	1289	1105	967	774	619	516
	3.0	47.37	7106	4737	3553	2842	2369	2030	1776	1421	1137	947	4737	3158	2369	1895	1579	1353	1184	947	758	632
QCTF-VS80	1.0	36.46	5469	3646	2735	2188	1823	1563	1367	1094	875	729	3646	2431	1823	1458	1215	1042	912	729	583	486
	1.5	44.65	6698	4465	3349	2679	2233	1914	1674	1340	1072	893	4465	2977	2233	1786	1488	1276	1116	893	714	595
	2.0	51.56	7734	5156	3867	3094	2578	2210	1934	1547	1237	1031	5156	3437	2578	2062	1719	1473	1289	1031	825	687
	3.0	63.15	9473	6315	4736	3789	3158	2706	2368	1895	1516	1263	6315	4210	3158	2526	2105	1804	1579	1263	1010	842
QCTF-VS100	1.0	45.58	6837	4558	3419	2735	2279	1953	1709	1367	1094	912	4558	3039	2279	1823	1519	1302	1140	912	729	608
	1.5	55.82	8373	5582	4187	3349	2791	2392	2093	1675	1340	1116	5582	3721	2791	2233	1861	1595	1396	1116	893	744
	2.0	64.46	9669	6446	4835	3868	3223	2763	2417	1934	1547	1289	6446	4297	3223	2578	2149	1842	1612	1289	1031	859
	3.0	78.95	11843	7895	5921	4737	3948	3384	2961	2369	1895	1579	7895	5263	3948	3158	2632	2256	1974	1579	1263	1053
QCTF-VS120	1.0	54.69	8204	5469	4102	3281	2735	2344	2051	1641	1313	1094	5469	3646	2735	2188	1823	1563	1367	1094	875	729
	1.5	66.98	10047	6698	5024	4019	3349	2871	2512	2009	1608	1340	6698	4465	3349	2679	2233	1914	1675	1340	1072	893
	2.0	77.34	11601	7734	5801	4640	3867	3315	2900	2320	1856	1547	7734	5156	3867	3094	2578	2210	1934	1547	1237	1031
	3.0	94.73	14210	9473	7105	5684	4737	4060	3552	2842	2274	1895	9473	6315	4737	3789	3158	2707	2368	1895	1516	1263

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for useful formulas and other information.

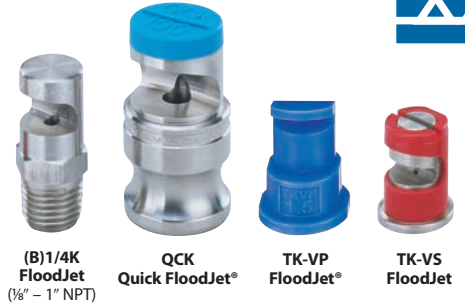
# FloodJet® Wide Angle Flat Spray Tips



**How to order:** Specify tip number.

Examples:

- TK-VS5 – Stainless Steel with VisiFlo® color-coding
- TK-VP3 – Polymer with VisiFlo color-coding
- (B)1/4K-5 – Brass
- TK-SS5 – Stainless Steel
- (B)1/8K-SS5 – Stainless Steel
- QCK-SS100 – Stainless Steel with VisiFlo color-coding



Tip	bar	CAPACITY ONE NOZZLE IN/min	I/ha $\triangle$ 100 cm							
			4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h
			1.0	1.5	2.0	3.0				
1/8K-50 TK-50 (100)	1.0	0.23	34.5	23.0	17.3	13.8	11.5	8.6	6.9	5.5
	1.5	0.28	42.0	28.0	21.0	16.8	14.0	10.5	8.4	6.7
	2.0	0.33	49.5	33.0	24.8	19.8	16.5	12.4	9.9	7.9
	3.0	0.40	60.0	40.0	30.0	24.0	20.0	15.0	12.0	9.6
1/8K-75 TK-75 (100)	1.0	0.34	51.0	34.0	25.5	20.4	17.0	12.8	10.2	8.2
	1.5	0.42	63.0	42.0	31.5	25.2	21.0	15.8	12.6	10.1
	2.0	0.48	72.0	48.0	36.0	28.8	24.0	18.0	14.4	11.5
	3.0	0.59	88.5	59.0	44.3	35.4	29.5	22.1	17.7	14.2
1/8K-1 TK-1 (100)	1.0	0.46	69.0	46.0	34.5	27.6	23.0	17.3	13.8	11.0
	1.5	0.56	84.0	56.0	42.0	33.6	28.0	21.0	16.8	13.4
	2.0	0.65	97.5	65.0	48.8	39.0	32.5	24.4	19.5	15.6
	3.0	0.80	120	80.0	60.0	48.0	40.0	30.0	24.0	19.2
1/8K-1.5 TK-1.5 (50)	1.0	0.68	102	68.0	51.0	40.8	34.0	25.5	20.4	16.3
	1.5	0.83	125	83.0	62.3	49.8	41.5	31.1	24.9	19.9
	2.0	0.96	144	96.0	72.0	57.6	48.0	36.0	28.8	23.0
	3.0	1.18	177	118	88.5	70.8	59.0	44.3	35.4	28.3
[1/8K, 1/4K, TK]-2 TK-2 (50)	1.0	0.91	137	91.0	68.3	54.6	45.5	34.1	27.3	21.8
	1.5	1.11	167	111	83.3	66.6	55.5	41.6	33.3	26.6
	2.0	1.29	194	129	96.8	77.4	64.5	48.4	38.7	31.0
	3.0	1.58	237	158	119	94.8	79.0	59.3	47.4	37.9
[1/8K, 1/4K, TK]-2.5 TK-2.5 (50)	1.0	1.14	171	114	85.5	68.4	57.0	42.8	34.2	27.4
	1.5	1.40	210	140	105	84.0	70.0	52.5	42.0	33.6
	2.0	1.61	242	161	121	96.6	80.5	60.4	48.3	38.6
	3.0	1.97	296	197	148	118	98.5	73.9	59.1	47.3
[1/8K, 1/4K, TK]-3 TK-3 (50)	1.0	1.37	206	137	103	82.2	68.5	51.4	41.1	32.9
	1.5	1.68	252	168	126	101	84.0	63.0	50.4	40.3
	2.0	1.94	291	194	146	116	97.0	72.8	58.2	46.6
	3.0	2.37	356	237	178	142	119	88.9	71.1	56.9
[1/8K, TK]-4 TK-4 (50)	1.0	1.82	273	182	137	109	91.0	68.3	54.6	43.7
	1.5	2.23	335	223	167	134	112	83.6	66.9	53.5
	2.0	2.57	386	257	193	154	129	96.4	77.1	61.7
	3.0	3.15	473	315	236	189	158	118	94.5	75.6
[1/8K, 1/4K, TK]-5 TK-5 (50)	1.0	2.28	342	228	171	137	114	85.5	68.4	54.7
	1.5	2.79	419	279	209	167	140	105	83.7	67.0
	2.0	3.22	483	322	242	193	161	121	96.6	77.3
	3.0	3.95	593	395	296	237	198	148	119	94.8
[1/8K, 1/4K, TK]-7.5 TK-7.5 (50)	1.0	3.42	513	342	257	205	171	128	103	82.1
	1.5	4.19	629	419	314	251	210	157	126	101
	2.0	4.84	726	484	363	290	242	182	145	116
	3.0	5.92	888	592	444	355	296	222	178	142
[1/8K, 1/4K, TK]-10 TK-10 (50)	1.0	4.56	684	456	342	274	228	171	137	109
	1.5	5.58	837	558	419	335	279	209	167	134
	2.0	6.45	968	645	484	387	323	242	194	155
	3.0	7.90	1185	790	593	474	395	296	237	190
[1/8K, 1/4K]-12 TK-12	1.0	5.47	821	547	410	328	274	205	164	131
	1.5	6.70	1005	670	503	402	335	251	201	161
	2.0	7.74	1161	774	581	464	387	290	232	186
	3.0	9.47	1421	947	710	568	474	355	284	227
[1/8K, 1/4K]-15 TK-15	1.0	6.84	1026	684	513	410	342	257	205	164
	1.5	8.38	1257	838	629	503	419	314	251	201
	2.0	9.67	1451	967	725	580	484	363	290	232
	3.0	11.8	1770	1180	885	708	590	443	354	283
[1/8K, 1/4K]-18 TK-18	1.0	8.20	1230	820	615	492	410	308	246	197
	1.5	10.0	1500	1000	750	600	500	375	300	240
	2.0	11.6	1740	1160	870	696	580	435	348	278
	3.0	14.2	2130	1420	1065	852	710	533	426	341
[1/8K, 1/4K]-20 TK-20 QCK-20	1.0	9.12	1368	912	684	547	456	342	274	219
	1.5	11.2	1680	1120	840	672	560	420	336	269
	2.0	12.9	1935	1290	968	774	645	484	387	310
	3.0	15.8	2370	1580	1185	948	790	593	474	379
1/4K-22	1.0	10.0	1500	1000	750	600	500	375	300	240
	1.5	12.2	1830	1220	915	732	610	458	366	293
	2.0	14.1	2115	1410	1058	846	705	529	423	338
	3.0	17.3	2595	1730	1298	1038	865	649	519	415
1/4K-24	1.0	10.9	1635	1090	818	654	545	409	327	262
	1.5	13.3	1995	1330	998	798	665	499	399	319
	2.0	15.4	2310	1540	1155	924	770	578	462	370
	3.0	18.9	2835	1890	1418	1134	945	709	567	454

Tip	bar	CAPACITY ONE NOZZLE IN/min	I/ha $\triangle$ 150 cm							
			4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h
			1.0	1.5	2.0	3.0				
1/4K-27	1.0	12.3	1230	820	615	492	410	308	246	197
	1.5	15.1	1510	1007	755	604	503	378	302	242
	2.0	17.4	1740	1160	870	696	580	435	348	278
	3.0	21.3	2130	1420	1065	852	710	533	426	341
3/8K-30 TK-30 QCK-30	1.0	13.7	1370	913	685	548	457	343	274	219
	1.5	16.8	1680	1120	840	672	560	420	336	269
	2.0	19.4	1940	1293	970	776	647	485	388	310
	3.0	23.7	2370	1580	1185	948	790	593	474	379
3/8K-35	1.0	16.0	1600	1067	800	640	533	400	320	256
	1.5	19.6	1960	1307	980	784	653	490	392	314
	2.0	22.6	2260	1507	1130	904	753	565	452	362
	3.0	27.7	2770	1847	1385	1108	923	693	554	443
[3/8K, 1/2K]-40 QCK-40	1.0	18.2	1820	1213	910	728	607	455	364	291
	1.5	22.3	2230	1487	1115	892	743	558	446	357
	2.0	25.7	2570	1713	1285	1028	857	643	514	411
	3.0	31.5	3150	2100	1575	1260	1050	788	630	504
3/8K-45	1.0	20.5	2050	1367	1025	820	683	513	410	328
	1.5	25.1	2510	1673	1255	1004	837	628	502	402
	2.0	29.0	2900	1933	1450	1160	967	725	580	464
	3.0	35.5	3550	2367	1775	1420	1183	888	710	568
1/2K-50 QCK-50	1.0	22.8	2280	1520	1140	912	760	570	456	365
	1.5	27.9	2790	1860	1395	1116	930	698	558	446
	2.0	32.2	3220	2147	1610	1288	1073	805	644	515
	3.0	39.5	3950	2633	1975	1580	1317	988	790	632
1/2K-60 QCK-60	1.0	27.3	2730	1820	1365	1092	910	683	546	437
	1.5	33.4	3340	2227	1670	1336	1113	835	668	534
	2.0	38.6	3860	2573	1930	1544	1287	965	772	618
	3.0	47.3	4730	3153	2365	1892	1577	1183	946	757
1/2K-70	1.0	31.9	3190	2127	1595	1276	1063	798	638	510
	1.5	39.1	3910	2607	1955	1564	1303	978	782	626
	2.0	45.1	4510	3007	2255	1804	1503	1128	902	722
	3.0	55.3	5530	3687	2765	2212	1843	1383	1106	885
[1/2K, 3/4K]-80 QCK-80	1.0	36.5	3650	2433	1825	1460	1217	913	730	584
	1.5	44.7	4470	2980	2235	1788	1490	1118	894	715
	2.0	51.6	5160	3440	2580	2064	1720	1290	1032	826
	3.0	63.2	6320	4213	3160	2528	2107	1580	1264	1011
[1/2K, 3/4K]-90	1.0	41.0	4100	2733	2050	1640	1367	1025	820	656
	1.5	50.2	5020	3347	2510	2008	1673	1255	1004	803
	2.0	58.0	5800	3867	2900	2320	1933	1450	1160	928
	3.0	71.0	7100	4733	3550	2840	2367	1775	1420	1136
3/4K-100 QCK-100	1.0	45.6	4560	3040	2280	1824	1520	1140	912	730
	1.5	55.8	5580	3720	2790	2232	1860	1395	1116	893
	2.0	64.5	6450	4300	3225	2580	2150	1613	1290	1032
	3.0	79.0	7900	5267	3950	3160	2633	1975	1580	1264
3/4K-110	1.0	50.1	5010	3340	2505	2004	1670	1253	1002	802
	1.5	61.4	6140	4093	3070	2456	2047	1535	1228	982
	2.0	70.9	7090	4727	3545	2836	2363	1773	1418	1134
	3.0	86.8	8680	5787	4340	3427	2893	2170	1736	1389
[1/2K, 3/4K]-120 QCK-120	1.0	54.7	5470	3647	2735	2188	1823	1368	1094	875
	1.5	67.0	6700	4467	3350	2680	2233	1675	1340	1072
	2.0	77.4	7740	5160	3870	3096	2580	1935	1548	1238
	3.0	94.7	9470	6313	4735	3788	3157			



# TurfJet Wide Angle Flat Fan Spray Nozzles

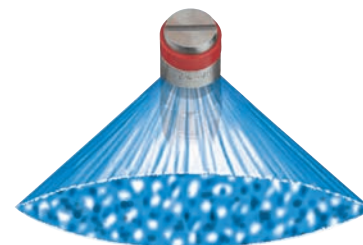
## Typical Applications:

See selection guide on page 4 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" (50–100 cm).
- Spraying pressure — 25–75 PSI (1.5–5 bar).

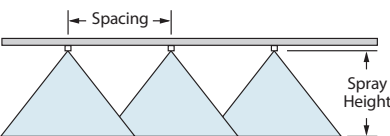


### QJ4676-90-1/4-NYR

- 90° fitting attaches to Quick TeeJet bodies—1/4" 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

Spacing	Optimum Spray Height
50 cm	60 cm*
75 cm	75 cm*
100 cm	100 cm*

\*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:

- 1/4TTJ04-VS — Stainless Steel with VisiFlo® color-coding
- 1/4TTJ06-VP — Polymer with VisiFlo color-coding

NOZZLE	DROPSIZE	CAPACITY ONE NOZZLE IN /min	I/ha $\triangle$ 100cm												
			4 km/h	5 km/h	6 km/h	7 km/h	8 km/h	9 km/h	10 km/h	12 km/h	16 km/h	20 km/h	25 km/h	30 km/h	35 km/h
1/4TTJ02 (50)	1.5 UC	0.56	84.0	67.2	56.0	48.0	42.0	37.3	33.6	28.0	21.0	16.8	13.4	11.2	9.6
	2.0 UC	0.65	97.5	78.0	65.0	55.7	48.8	43.3	39.0	32.5	24.4	19.5	15.6	13.0	11.1
	3.0 XC	0.79	119	94.8	79.0	67.7	59.3	52.7	47.4	39.5	29.6	23.7	19.0	15.8	13.5
	4.0 XC	0.91	137	109	91.0	78.0	68.3	60.7	54.6	45.5	34.1	27.3	21.8	18.2	15.6
	5.0 XC	1.02	153	122	102	87.4	76.5	68.0	61.2	51.0	38.3	30.6	24.5	20.4	17.5
1/4TTJ04 (50)	1.5 UC	1.12	168	134	112	96.0	84.0	74.7	67.2	56.0	42.0	33.6	26.9	22.4	19.2
	2.0 UC	1.29	194	155	129	111	96.8	86.0	77.4	64.5	48.4	38.7	31.0	25.8	22.1
	3.0 UC	1.58	237	190	158	135	119	105	94.8	79.0	59.3	47.4	37.9	31.6	27.1
	4.0 UC	1.82	273	218	182	156	137	121	109	91.0	68.3	54.6	43.7	36.4	31.2
	5.0 UC	2.04	306	245	204	175	153	136	122	102	76.5	61.2	49.0	40.8	35.0
1/4TTJ05 (50)	1.5 UC	1.39	209	167	139	119	104	92.7	83.4	69.5	52.1	41.7	33.4	27.8	23.8
	2.0 UC	1.61	242	193	161	138	121	107	96.6	80.5	60.4	48.3	38.6	32.2	27.6
	3.0 UC	1.97	296	236	197	169	148	131	118	98.5	73.9	59.1	47.3	39.4	33.8
	4.0 UC	2.27	341	272	227	195	170	151	136	114	85.1	68.1	54.5	45.4	38.9
	5.0 UC	2.54	381	305	254	218	191	169	152	127	95.3	76.2	61.0	50.8	43.5
1/4TTJ06 (50)	1.5 UC	1.68	252	202	168	144	126	112	101	84.0	63.0	50.4	40.3	33.6	28.8
	2.0 UC	1.94	291	233	194	166	146	129	116	97.0	72.8	58.2	46.6	38.8	33.3
	3.0 UC	2.37	356	284	237	203	178	158	142	119	88.9	71.1	56.9	47.4	40.6
	4.0 UC	2.74	411	329	274	235	206	183	164	137	103	82.2	65.8	54.8	47.0
	5.0 UC	3.06	459	367	306	262	230	204	184	153	115	91.8	73.4	61.2	52.5
1/4TTJ08	1.5 UC	2.23	335	268	223	191	167	149	134	112	83.6	66.9	53.5	44.6	38.2
	2.0 UC	2.58	387	310	258	221	194	172	155	129	96.8	77.4	61.9	51.6	44.2
	3.0 UC	3.16	474	379	316	271	237	211	190	158	119	94.8	75.8	63.2	54.2
	4.0 UC	3.65	548	438	365	313	274	243	219	183	137	110	87.6	73.0	62.6
	5.0 UC	4.08	612	490	408	350	306	272	245	204	153	122	97.9	81.6	69.9
1/4TTJ10	1.5 UC	2.79	419	335	279	239	209	186	167	140	105	83.7	67.0	55.8	47.8
	2.0 UC	3.23	485	388	323	277	242	215	194	162	121	96.9	77.5	64.6	55.4
	3.0 UC	3.95	593	474	395	339	296	263	237	198	148	119	94.8	79.0	67.7
	4.0 UC	4.56	684	547	456	391	342	304	274	228	171	137	109	91.2	78.2
	5.0 UC	5.10	765	612	510	437	383	340	306	255	191	153	122	102	87.4
1/4TTJ15	1.5 UC	4.19	629	503	419	359	314	279	251	210	157	126	101	83.8	71.8
	2.0 UC	4.83	725	580	483	414	362	322	290	242	181	145	116	96.6	82.8
	3.0 UC	5.92	888	710	592	507	444	395	355	296	222	178	142	118	101
	4.0 UC	6.84	1026	821	684	586	513	456	410	342	257	205	164	137	117
	5.0 UC	7.64	1146	917	764	655	573	509	458	382	287	229	183	153	131

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for drop size classification, useful formulas and other information.



## 150° Series Stainless Steel and Brass

Suggested for post-directed application with hose drops.

### How to order:

Specify tip number and material.

Example: TQ150-03-SS – Stainless Steel



	bar	CAPACITY ONE NOZZLE IN l/min	I/ha  50cm							
			4 km/h	6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h
TQ150-01-SS (100)	1.5	0.28	84.0	56.0	42.0	33.6	28.0	24.0	21.0	18.7
	2.0	0.32	96.0	64.0	48.0	38.4	32.0	27.4	24.0	21.3
	2.5	0.36	108	72.0	54.0	43.2	36.0	30.9	27.0	24.0
	3.0	0.39	117	78.0	58.5	46.8	39.0	33.4	29.3	26.0
TQ150-01-SS (100)	3.5	0.42	126	84.0	63.0	50.4	42.0	36.0	31.5	28.0
	1.5	0.42	126	84.0	63.0	50.4	42.0	36.0	31.5	28.0
	2.0	0.48	144	96.0	72.0	57.6	48.0	41.1	36.0	32.0
	2.5	0.54	162	108	81.0	64.8	54.0	46.3	40.5	36.0
TQ150-01-SS (100)	3.0	0.59	177	118	88.5	70.8	59.0	50.6	44.3	39.3
	3.5	0.64	192	128	96.0	76.8	64.0	54.9	48.0	42.7
	1.5	0.56	168	112	84.0	67.2	56.0	48.0	42.0	37.3
	2.0	0.65	195	130	97.5	78.0	65.0	55.7	48.8	43.3
TQ150-02-SS (100)	2.5	0.72	216	144	108	86.4	72.0	61.7	54.0	48.0
	3.0	0.79	237	158	119	94.8	79.0	67.7	59.3	52.7
	3.5	0.85	255	170	128	102	85.0	72.9	63.8	56.7
	1.5	0.83	249	166	125	99.6	83.0	71.1	62.3	55.3
TQ150-03-SS (100)	2.0	0.96	288	192	144	115	96.0	82.3	72.0	64.0
	2.5	1.08	324	216	162	130	108	92.6	81.0	72.0
	3.0	1.18	354	236	177	142	118	101	88.5	78.7
	3.5	1.27	381	254	191	152	127	109	95.3	84.7
TQ150-04-SS (50)	1.5	1.12	336	224	168	134	112	96.0	84.0	74.7
	2.0	1.29	387	258	194	155	129	111	96.8	86.0
	2.5	1.44	432	288	216	173	144	123	108	96.0
	3.0	1.58	474	316	237	190	158	135	119	105
TQ150-04-SS (50)	3.5	1.71	513	342	257	205	171	147	128	114
	1.5	1.39	417	278	209	167	139	119	104	92.7
	2.0	1.61	483	322	242	193	161	138	121	107
	2.5	1.80	540	360	270	216	180	154	135	120
TQ150-05-SS (50)	3.0	1.97	591	394	296	236	197	169	148	131
	3.5	2.13	639	426	320	256	213	183	160	142
	1.5	1.68	504	336	252	202	168	144	126	112
	2.0	1.94	582	388	291	233	194	166	146	129
TQ150-06-SS (50)	2.5	2.16	648	432	324	259	216	185	162	144
	3.0	2.37	711	474	356	284	237	203	178	158
	3.5	2.56	768	512	384	307	256	219	192	171
	1.5	2.23	669	446	335	268	223	191	167	149
TQ150-08-SS (50)	2.0	2.58	774	516	387	310	258	221	194	172
	2.5	2.88	864	576	432	346	288	247	216	192
	3.0	3.16	948	632	474	379	316	271	237	211
	3.5	3.41	1023	682	512	409	341	292	256	227
TQ150-09-SS (50)	1.5	2.51	753	502	377	301	251	215	188	167
	2.0	2.90	870	580	435	348	290	249	218	193
	2.5	3.24	972	648	486	389	324	278	243	216
	3.0	3.55	1065	710	533	426	355	304	266	237
TQ150-09-SS (50)	3.5	3.83	1149	766	575	460	383	328	287	255

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for useful formulas and other information.

## TeeJet® Off-Center Flat Spray Tips — Smaller Capacities

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

See page 71 for swivels and hose drops.

### How to order:

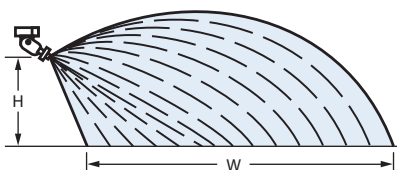
Specify tip number and material.

Example: OC-02 – Brass  
OC-SS06 – Stainless Steel



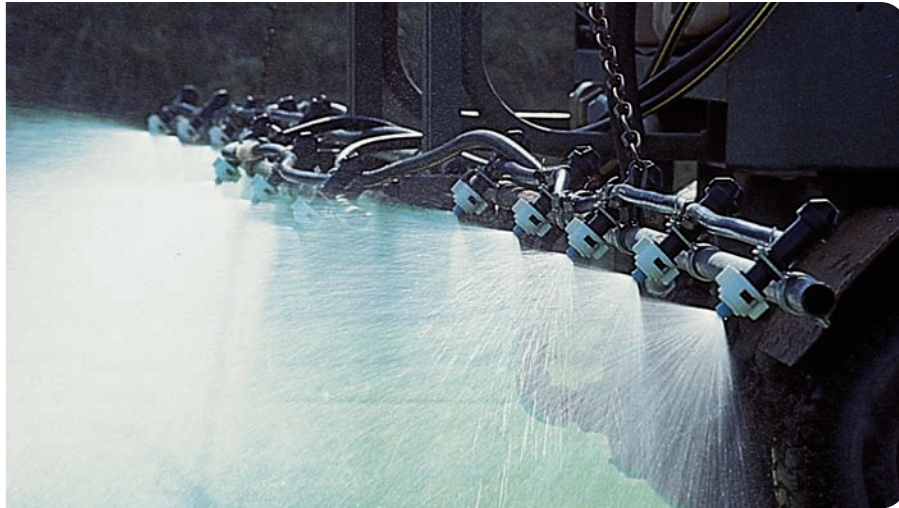
	bar	CAPACITY ONE NOZZLE IN l/min	HEIGHT = 45 cm							HEIGHT = 60 cm			
			"W" cm	I/ha				"W" cm	I/ha				
				4 km/h	6 km/h	8 km/h	10 km/h		4 km/h	6 km/h	8 km/h	10 km/h	
OC-01 (100)	2.0	0.32	147	32.7	21.8	16.3	13.1	165	29.1	19.4	14.5	11.6	
	3.0	0.39	152	38.5	25.7	19.2	15.4	170	34.4	22.9	17.2	13.8	
	4.0	0.45	157	43.0	28.7	21.5	17.2	175	38.6	25.7	19.3	15.4	
OC-02 (50)	2.0	0.65	172	56.7	37.8	28.3	22.7	190	51.3	34.2	25.7	20.5	
	3.0	0.79	177	66.9	44.6	33.5	26.8	195	60.8	40.5	30.4	24.3	
	4.0	0.91	182	75.0	50.0	37.5	30.0	198	68.9	46.0	34.5	27.6	
OC-03 (50)	2.0	0.96	195	73.8	49.2	36.9	29.5	203	70.9	47.3	35.5	28.4	
	3.0	1.18	203	87.2	58.1	43.6	34.9	210	84.3	56.2	42.1	33.7	
	4.0	1.36	208	98.1	65.4	49.0	39.2	215	94.9	63.3	47.4	38.0	
OC-04 (50)	2.0	1.29	231	83.8	55.8	41.9	33.5	236	82.0	54.7	41.0	32.8	
	3.0	1.58	236	100	66.9	50.2	40.2	238	99.6	66.4	49.8	39.8	
	4.0	1.82	238	115	76.5	57.4	45.9	241	113	75.5	56.6	45.3	
OC-06 (50)	2.0	1.94	251	116	77.3	58.0	46.4	274	106	70.8	53.1	42.5	
	3.0	2.37	256	139	92.6	69.4	55.5	279	127	84.9	63.7	51.0	
	4.0	2.74	259	159	106	79.3	63.5	281	146	97.5	73.1	58.5	
OC-08 (50)	2.0	2.58	254	152	102	76.2	60.9	279	139	92.5	69.4	55.5	
	3.0	3.16	259	183	122	91.5	73.2	284	167	111	83.5	66.8	
	4.0	3.65	264	207	138	104	83.0	287	191	127	95.4	76.3	
OC-12	2.0	3.87	259	224	149	112	89.7	287	202	135	101	80.9	
	3.0	4.74	264	269	180	135	108	292	243	162	122	97.4	
	4.0	5.47	266	308	206	154	123	294	279	186	140	112	
OC-16	2.0	5.16	335	231	154	116	92.4	360	215	143	108	86.0	
	3.0	6.32	350	271	181	135	108	370	256	171	128	102	
	4.0	7.30	363	302	201	151	121	375	292	195	146	117	

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for useful formulas and other information.



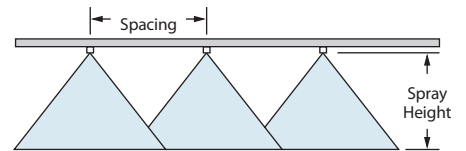


# FullJet® Wide Angle Full Cone Spray Tips



## Features:

- Large droplets to reduce drift.
- Excellent spray distribution over a range of pressures 15–40 PSI (1–3 bar).
- Ideal for use on rigs with sprayer controllers.
- Wide spray angle allows use on 40" (100 cm) spacings.
- Available in VisiFlo® color-coding system in all stainless steel or Celcon® with stainless steel vane.
- Can be used with CP25607-\* -NY for Quick TeeJet® connection. Reference page 64 for more information.

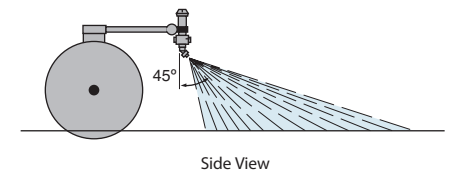


## Optimum Spray Height

50 cm	100 cm*
50 cm	50 cm*
75 cm	75 cm*
100 cm	100 cm*

FullJet nozzles should be angled 30°–45° from vertical for uniform spray distribution.

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



Nozzle	bar	CAPACITY ONE NOZZLE IN l/min	l/ha  50cm						l/ha  100cm					
			4 km/h	6 km/h	8 km/h	10 km/h	15 km/h	20 km/h	4 km/h	6 km/h	8 km/h	10 km/h	15 km/h	20 km/h
FL-5	1.0	1.19	357	238	179	143	95	71	179	119	89	71	48	36
	1.5	1.43	429	286	215	172	114	86	215	143	107	86	57	43
	2.0	1.69	507	338	254	203	135	101	254	169	127	101	68	51
	2.5	1.81	543	362	272	217	145	109	272	181	136	109	72	54
	3.0	1.97	591	394	296	236	158	118	296	197	148	118	79	59
FL-6.5	1.0	1.56	468	312	234	187	125	94	234	156	117	94	62	47
	1.5	1.89	567	378	284	227	151	113	284	189	142	113	76	57
	2.0	2.14	642	428	321	257	171	128	321	214	161	128	86	64
	2.5	2.34	702	468	351	281	187	140	351	234	176	140	94	70
	3.0	2.56	768	512	384	307	205	154	384	256	192	154	102	77
FL-8	1.0	1.90	570	380	285	228	152	114	285	190	143	114	76	57
	1.5	2.29	687	458	344	275	183	137	344	229	172	137	92	69
	2.0	2.60	780	520	390	312	208	156	390	260	195	156	104	78
	2.5	2.89	867	578	434	347	231	173	434	289	217	173	116	87
	3.0	3.15	945	630	473	378	252	189	473	315	236	189	126	95
FL-10	1.0	2.37	711	474	356	284	190	142	356	237	178	142	95	71
	1.5	2.86	858	572	429	343	229	172	429	286	215	172	114	86
	2.0	3.39	1017	678	509	407	271	203	509	339	254	203	136	102
	2.5	3.62	1086	724	543	434	290	217	543	362	272	217	145	109
	3.0	3.93	1179	786	590	472	314	236	590	393	295	236	157	118
FL-15	1.0	3.56	1068	712	534	427	285	214	534	356	267	214	142	107
	1.5	4.29	1287	858	644	515	343	257	644	429	322	257	172	129
	2.0	4.84	1452	968	726	581	387	290	726	484	363	290	194	145
	2.5	5.43	1629	1086	815	652	434	326	815	543	407	326	217	163
	3.0	5.90	1770	1180	885	708	472	354	885	590	443	354	236	177

**Note:** Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136–157 for useful formulas and other information.