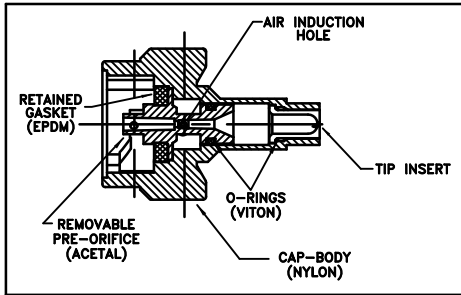
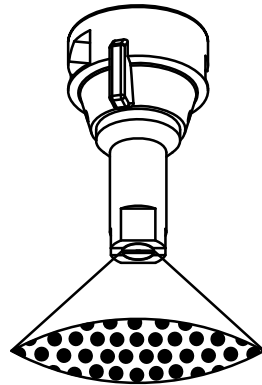


# AIC TeeJet® AIR INDUCTION FLAT SPRAY TIP/CAP WITH VisiFlo® COLOR CODING

SPRAY ANGLE	OPTIMUM SPRAY HEIGHT	
	50 cm SPACING	75 cm SPACING
110°	50 cm	75 cm



AIC110-V- SPRAY TIP (CROSS SECTION VIEW)



TAPERED FLAT SPRAY PATTERN

## FEATURES:

- ONE PIECE TIP/CAP CONSTRUCTION WITH SEPARATE REMOVABLE PRE-ORIFICE FOR EASE OF USE.
- TIP INSERT OFFERED IN STAINLESS STEEL (VS), POLYMER (VP), AND CERAMIC (VK). CERAMIC (VK) VERSION ALSO FEATURES A CERAMIC PRE-ORIFICE INSERT.
- CAPS, PRE-ORIFICES, & POLYMER TIP INSERTS FEATURE VISIFLO COLOR CODING.
- TIP INSERT PRODUCES TAPERED EDGE FLAT SPRAY PATTERN FOR UNIFORM COVERAGE IN BROADCAST SPRAYING.
- LARGE DROPLETS ARE PRODUCED THROUGH THE USE OF A VENTURI AIR ASPIRATOR, RESULTING IN LESS DRIFT.
- IDEAL FOR SPRAYERS EQUIPPED WITH AUTOMATIC CONTROL SYSTEMS.
- IMPROVED GASKET RETENTION.
- SUGGESTED SPRAY PRESSURE RANGE: 2-8 BAR.

## TYPICAL APPLICATIONS:

- EXCELLENT FOR PRE-EMERGE SURFACE APPLIED HERBICIDES- MINIMUM SPRAY PRESSURE OF 2 BAR.
- EXCELLENT FOR POST-EMERGE SYSTEMIC HERBICIDES- MINIMUM SPRAY PRESSURE OF 2 BAR.
- GOOD FOR POST-EMERGE CONTACT HERBICIDES-TYPICAL PRESSURE OF 5.5 BAR AND HIGHER.

### DROPLET SIZE CATEGORIES



Droplet size classifications are based on BCPC specifications and in accordance with ASABE Standard S-572.1 at the date of printing. Classifications are subject to change.

Tip Color VisiFlo	Tip No. (Strainer Screen Size)	Liquid Pressure (Bar)	Capacity 1 Nozzle (l/min)	Liters Per Hectare 50 cm Spacing				Liters Per Hectare 75 cm Spacing				Droplet Size Classi- fication
				8 km/hr	10 km/hr	12 km/hr	16 km/hr	8 km/hr	10 km/hr	12 km/hr	16 km/hr	
GREEN	AIC110015-VS (100 Mesh)	2.0	0.48	72.0	57.6	48.0	36.0	48.0	38.4	32.0	24.0	UC
		3.0	0.59	88.5	70.8	59.0	44.3	59.0	47.2	39.3	29.5	XC
		4.0	0.68	102	81.6	68.0	51.0	68.0	54.4	45.3	34.0	XC
		5.0	0.76	114	91.2	76.0	57.0	76.0	60.8	50.7	38.0	VC
		6.0	0.83	125	99.6	83.0	62.3	83.0	66.4	55.3	41.5	VC
		7.0	0.90	135	108	90.0	67.5	90.0	72.0	60.0	45.0	C
YELLOW	AIC11002-VS AIC11002-VP (50 Mesh)	2.0	0.65	97.5	78.0	65.0	48.8	65.0	52.0	43.3	32.5	UC
		3.0	0.79	119	94.8	79.0	59.3	79.0	63.2	52.7	39.5	XC
		4.0	0.91	137	109	91.0	68.3	91.0	72.8	60.7	45.5	XC
		5.0	1.02	153	122	102	76.5	102	81.6	68.0	51.0	VC
		6.0	1.12	168	134	112	84.0	112	89.6	74.7	56.0	VC
		7.0	1.21	182	145	121	90.8	121	96.8	80.7	60.5	C
VIOLET	AIC110025-VS AIC110025-VP AIC110025-VK (50 Mesh)	2.0	0.81	122	97.2	81.0	60.8	81.0	64.8	54.0	40.5	UC
		3.0	0.99	149	119	99.0	74.3	99.0	79.2	66.0	49.5	XC
		4.0	1.14	171	137	114	85.5	114	91.2	76.0	57.0	XC
		5.0	1.28	192	154	128	96.0	128	102	85.3	64.0	VC
		6.0	1.40	210	168	140	105	140	112	93.3	70.0	VC
		7.0	1.51	227	181	151	113	151	121	101	75.5	C
BLUE	AIC11003-VS AIC11003-VP AIC11003-VK (50 Mesh)	2.0	0.96	144	115	96.0	72.0	96.0	76.8	64.0	48.0	UC
		3.0	1.18	177	142	118	88.5	118	94.4	78.7	59.0	XC
		4.0	1.36	204	163	136	102	136	109	90.7	68.0	XC
		5.0	1.52	228	182	152	114	152	122	101	76.0	VC
		6.0	1.67	251	200	167	125	167	134	111	83.5	VC
		7.0	1.80	270	216	180	135	180	144	120	90.0	C
RED	AIC11004-VS AIC11004-VP AIC11004-VK (50 Mesh)	2.0	1.29	194	155	129	96.8	129	103	86.0	64.5	UC
		3.0	1.58	237	190	158	119	158	126	105	79.0	XC
		4.0	1.82	273	218	182	137	182	146	121	91.0	XC
		5.0	2.04	306	245	204	153	204	163	136	102	VC
		6.0	2.23	335	268	223	167	223	178	149	112	VC
		7.0	2.41	362	289	241	181	241	193	161	121	C
BROWN	AIC11005-VS AIC11005-VP AIC11005-VK (50 Mesh)	2.0	1.61	242	193	161	121	161	129	107	80.5	UC
		3.0	1.97	296	236	197	148	197	158	131	98.5	XC
		4.0	2.27	341	272	227	170	227	182	151	114	XC
		5.0	2.54	381	305	254	191	254	203	169	127	VC
		6.0	2.79	419	335	279	209	279	223	186	140	VC
		7.0	3.01	452	361	301	226	301	241	201	151	C
GRAY	AIC11006-VS AIC11006-VP (50 Mesh)	2.0	1.94	291	233	194	146	194	155	129	97.0	UC
		3.0	2.37	356	284	237	178	237	190	158	119	XC
		4.0	2.74	411	329	274	206	274	219	183	137	XC
		5.0	3.06	459	367	306	230	306	245	204	153	XC
		6.0	3.35	503	402	335	251	335	268	223	168	VC
		7.0	3.62	543	434	362	272	362	290	241	181	VC
WHITE	AIC11008-VS AIC11008-VP (50 Mesh)	2.0	2.58	387	310	258	194	258	206	172	129	UC
		3.0	3.16	474	379	316	237	316	253	211	158	UC
		4.0	3.65	548	438	365	274	365	292	243	183	XC
		5.0	4.08	612	490	408	306	408	326	272	204	XC
		6.0	4.47	671	536	447	335	447	358	298	224	VC
		7.0	4.83	725	580	483	362	483	386	322	242	VC
LIGHT BLUE	AIC11010-VS AIC11010-VP (50 Mesh)	2.0	3.23	485	388	323	242	323	258	215	162	UC
		3.0	3.95	593	474	395	296	395	316	263	198	UC
		4.0	4.56	684	547	456	342	456	365	304	228	XC
		5.0	5.10	765	612	510	383	510	408	340	255	XC
		6.0	5.59	839	671	559	419	559	447	373	280	VC
		7.0	6.03	905	724	603	452	603	482	402	302	VC
LIGHT GREEN	AIC11015-VS (50 Mesh)	2.0	4.84	726	581	484	363	484	387	323	242	UC
		3.0	5.92	888	710	592	444	592	474	395	296	UC
		4.0	6.84	1026	821	684	513	684	547	456	342	XC
		5.0	7.65	1148	918	765	574	765	612	510	383	XC
		6.0	8.38	1257	1007	838	629	838	670	559	419	VC
		7.0	9.05	1358	1086	905	679	905	724	603	453	VC

TABULATION BASED ON SPRAYING WATER AT 21° C.

## DESCRIPTION:

LITERS PER HECTARE TABULATION  
FOR AIC110 -V- TEEJET®  
AIR INDUCTION  
FLAT SPRAY TIP/CAP  
(METRIC)



# Spraying Systems Co.®

Spray Nozzles and Accessories  
P.O. Box 7900 - Wheaton, IL 60187-7901

Rev. No. 5

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DATA SHEET

**49720M**

SHEET OF