






AIC TeeJet® AIR INDUCTION FLAT SPRAY

BROADCAST NOZZLES

Typical Applications

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



FEATURES

- Produces a 110° tapered edge flat spray pattern for uniform coverage in broadcast spraying applications.
- Air induction spray tip, producing large air-filled droplets through the use of a Venturi air aspirator more resistant to drift.
- AI TeeJet nozzle molded into Quick TeeJet® cap provides automatic spray alignment.
- Available with a polymer insert holder with stainless steel (015–15 capacities), ceramic (025–05 capacities) or polymer (02–10 capacities) inserts.
- Includes tightly fitting gasket that stays put and assures a good seal. Replacement gasket part number: CP19438-1-EPR



SPRAY PATTERN




DROPLET SIZE CLASSIFICATION

			
C Coarse	VC Very Coarse	XC Extremely Coarse	UC Ultra Coarse




OPTIMUM SPRAY HEIGHT

20" SPACING	
 ANGLE	 HEIGHT
110°	20"

RECOMMENDED PRESSURE RANGE

 30–115 PSI

MATERIALS AVAILABLE

-  STAINLESS STEEL
-  POLYMER
-  CERAMIC

HOW TO ORDER

Stainless Steel with VisiFlo® color-coding
AIC 11004 - VS

A	I	C	1	1	0	0	4	-	V	S
Tip Type	Spray Angle	Capacity Size	Material Code							

Ceramic with VisiFlo color-coding
AIC 11003 - VK

A	I	C	1	1	0	0	3	-	V	K
Tip Type	Spray Angle	Capacity Size	Material Code							

Polymer with VisiFlo color-coding
AIC 11003 - VP

A	I	C	1	1	0	0	3	-	V	P
Tip Type	Spray Angle	Capacity Size	Material Code							

APPLICATION RATE FOR 20" SPRAY TIP SPACING

TIP PART NO. (STRAINER MESH SIZE)	PSI	DROP SIZE	CAPACITY ONE TIP IN GPM	CAPACITY ONE TIP IN OZ/MIN	GALLONS PER ACRE (GPA)								TURF APPLICATION GALLONS PER 1000 SQ. FT.			
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH
					AIC110015 (100)	30	XC	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6
40	XC	0.15	19	11.1		8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
50	VC	0.17	22	12.6		10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
60	VC	0.18	23	13.4		10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
70	VC	0.20	26	14.9		11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
80	C	0.21	27	15.6		12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
90	C	0.23	29	17.1		13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31
100	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33	
115	C	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34	
AIC11002 (50)	30	XC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	XC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	VC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	70	VC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	80	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	1.0	0.63	0.48	0.38
	90	C	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
100	C	0.32	41	24	19.0	15.8	11.9	9.5	7.9	6.3	4.8	1.1	0.73	0.54	0.44	
115	C	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46	
AIC110025 (50)	30	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40	XC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60	VC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	70	VC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45
	80	C	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	90	C	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
100	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54	
115	C	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57	
AIC11003 (50)	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	XC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	VC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	VC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	70	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	80	C	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	90	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
100	C	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.1	0.80	0.64	
115	C	0.51	65	38	30	25	18.9	15.1	12.6	10.1	7.6	1.7	1.2	0.87	0.69	
AIC11004 (50)	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	VC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	70	VC	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72
	80	C	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	90	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
100	C	0.63	81	47	37	31	23	18.7	15.6	12.5	9.4	2.1	1.4	1.1	0.86	
115	C	0.68	87	50	40	34	25	20	16.8	13.5	10.1	2.3	1.5	1.2	0.92	
AIC11005 (50)	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	XC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	70	VC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
	80	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	90	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
100	C	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1	
115	C	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2	
AIC11006 (50)	30	XC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	40	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	VC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	VC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
	70	VC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
	80	VC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
	90	C	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
100	C	0.95	122	71	56	47	35	28	24	18.8	14.1	3.2	2.2	1.6	1.3	
115	C	1.02	131	76	61	50	38	30	25	20	15.1	3.5	2.3	1.7	1.4	
AIC11008 (50)	30	XC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94
	40	XC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1
	50	XC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	VC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
	70	VC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	80	VC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5
	90	VC	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6
100	VC	1.26	161	94	75	62	47	37	31	25	18.7	4.3	2.9	2.1	1.7	
115	C	1.36	174	101	81	67	50	40	34	27	20	4.6	3.1	2.3	1.8	
AIC11010	30	XC	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	40	XC	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50	XC	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60	XC	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
	70	VC	1.32	169	98	78	65	49	39	33	26	19.6	4.5	3.0	2.2	1.8
	80	VC	1.41	180	105	84	70	52	42	35	28	21	4.8	3.2	2.4	1.9
	90	VC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
100	VC	1.58	202	117	94	78	59	47	39	31	23	5.4	3.6	2.7	2.1	
115	VC	1.70	218	126	101	84	63	50	42	34	25	5.8	3.9	2.9	2.3	
AIC11015	30	XC	1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8
	40	XC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
	50	XC	1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3
	60	XC	1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5
	70	VC	1.98	253	147	118	98	74	59	49	39	29	6.7	4.5	3.4	2.7
	80	VC	2.12	271	157	126	105	79	63	52	42	31	7.2	4.8	3.6	2.9
	90	VC	2.25	288	167	134	111	84	67	56	45	33	7.7	5.1	3.8	3.1
100	VC	2.37	303	176	141	117	88	70	59	47	35	8.1	5.4	4.0	3.2	
115	VC															