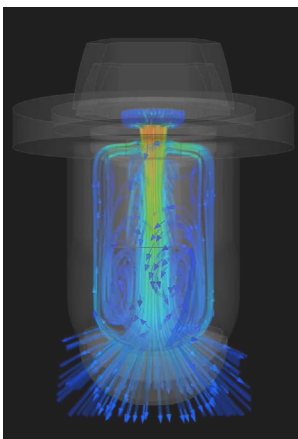




## Features & Benefits:

- Non-air induction, twin spray tip that produces highly drift-resistant droplets (XC, UC)
- Patent-pending recirculating design and concave exit orifice geometry provide optimal spray performance
- Specifically designed for use on sprayers equipped with Pulse Width Modulation (PWM) spray tip control
- Optimal for burndown, pre-emerge, and post-emerge systemic applications
- Twin spray pattern allows for improved coverage and canopy penetration
- Compact design fits into tight boom spaces and is less likely to be damaged during field use
- Acetal construction for long wear life and excellent chemical resistance
- Recommended operating pressure range: 1.5-7 bar (20-100 PSI)
- Nine available capacities cover a wide range of application rates and ground speeds
- Can also be used for non-PWM applications, where maximum drift control is desired
- Fits into standard flat spray cap - CP114440A-\*CE





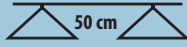
**AccuPulse Spray Tip**  
**APTJ-11004VP**



**AccuPulse Tip/Cap**  
**Assembly -**  
**APTJ-11004VP-CE**











## APPLICATION INFORMATION

	 BAR	DROP SIZE	CAPACITY ONE NOZZLE IN l/min	 I/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
				APTJ-110015VP (100)	1.5	UC	0.45	135	108	90.0	77.1	67.5	54.0	45.0	33.8	30.0
2.0	UC	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
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	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
5.0	XC	0.71	213		170	142	122	107	85.2	71.0	53.3	47.3	42.6	34.1	28.4	24.3
6.0	XC	0.76	228		182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1
7.0	XC	0.81	243		194	162	139	122	97.2	81.0	60.8	54.0	48.6	38.9	32.4	27.8
APTJ-11002VP (100)	1.5	UC	0.60	180	144	120	103	90.0	72.0	60.0	45.0	40.0	36.0	28.8	24.0	20.6
	2.0	UC	0.67	201	161	134	115	101	80.4	67.0	50.3	44.7	40.2	32.2	26.8	23.0
	3.0	UC	0.78	234	187	156	134	117	93.6	78.0	58.5	52.0	46.8	37.4	31.2	26.7
	4.0	UC	0.87	261	209	174	149	131	104	87.0	65.3	58.0	52.2	41.8	34.8	29.8
	5.0	XC	0.95	285	228	190	163	143	114	95.0	71.3	63.3	57.0	45.6	38.0	32.6
	6.0	XC	1.01	303	242	202	173	152	121	101	75.8	67.3	60.6	48.5	40.4	34.6
	7.0	XC	1.07	321	257	214	183	161	128	107	80.3	71.3	64.2	51.4	42.8	36.7
APTJ-110025VP (100)	1.5	UC	0.75	225	180	150	129	113	90.0	75.0	56.3	50.0	45.0	36.0	30.0	25.7
	2.0	UC	0.84	252	202	168	144	126	101	84.0	63.0	56.0	50.4	40.3	33.6	28.8
	3.0	UC	0.98	294	235	196	168	147	118	98.0	73.5	65.3	58.8	47.0	39.2	33.6
	4.0	UC	1.09	327	262	218	187	164	131	109	81.8	72.7	65.4	52.3	43.6	37.4
	5.0	XC	1.19	357	286	238	204	179	143	119	89.3	79.3	71.4	57.1	47.6	40.8
	6.0	XC	1.27	381	305	254	218	191	152	127	95.3	84.7	76.2	61.0	50.8	43.5
	7.0	XC	1.35	405	324	270	231	203	162	135	101	90.0	81.0	64.8	54.0	46.3
APTJ-11003VP (50)	1.5	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	1.01	303	242	202	173	152	121	101	75.8	67.3	60.6	48.5	40.4	34.6
	3.0	UC	1.17	351	281	234	201	176	140	117	87.8	78.0	70.2	56.2	46.8	40.1
	4.0	UC	1.30	390	312	260	223	195	156	130	97.5	86.7	78.0	62.4	52.0	44.6
	5.0	XC	1.42	426	341	284	243	213	170	142	107	94.7	85.2	68.2	56.8	48.7
	6.0	XC	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1
	7.0	XC	1.60	480	384	320	274	240	192	160	120	107	96.0	76.8	64.0	54.9
APTJ-11004VP (50)	1.5	UC	1.20	360	288	240	206	180	144	120	90.0	80.0	72.0	57.6	48.0	41.1
	2.0	UC	1.34	402	322	268	230	201	161	134	101	89.3	80.4	64.3	53.6	45.9
	3.0	UC	1.56	468	374	312	267	234	187	156	117	104	93.6	74.9	62.4	53.5
	4.0	UC	1.74	522	418	348	298	261	209	174	131	116	104	83.5	69.6	59.7
	5.0	XC	1.89	567	454	378	324	284	227	189	142	126	113	90.7	75.6	64.8
	6.0	XC	2.03	609	487	406	348	305	244	203	152	135	122	97.4	81.2	69.6
	7.0	XC	2.15	645	516	430	369	323	258	215	161	143	129	103	86.0	73.7
APTJ-11005VP (50)	1.5	UC	1.48	444	355	296	254	222	178	148	111	98.7	88.8	71.0	59.2	50.7
	2.0	UC	1.66	498	398	332	285	249	199	166	125	111	99.6	79.7	66.4	56.9
	3.0	UC	1.96	588	470	392	336	294	235	196	147	131	118	94.1	78.4	67.2
	4.0	UC	2.20	660	528	440	377	330	264	220	165	147	132	106	88.0	75.4
	5.0	XC	2.40	720	576	480	411	360	288	240	180	160	144	115	96.0	82.3
	6.0	XC	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5
	7.0	XC	2.75	825	660	550	471	413	330	275	206	183	165	132	110	94.3
APTJ-11006VP (50)	1.5	UC	1.76	528	422	352	302	264	211	176	132	117	106	84.5	70.4	60.3
	2.0	UC	1.98	594	475	396	339	297	238	198	149	132	119	95.0	79.2	67.9
	3.0	UC	2.35	705	564	470	403	353	282	235	176	157	141	113	94.0	80.6
	4.0	UC	2.65	795	636	530	454	398	318	265	199	177	159	127	106	90.9
	5.0	XC	2.91	873	698	582	499	437	349	291	218	194	175	140	116	99.8
	6.0	XC	3.14	942	754	628	538	471	377	314	236	209	188	151	126	108
	7.0	XC	3.35	1005	804	670	574	503	402	335	251	223	201	161	134	115
APTJ-11008VP (50)	1.5	UC	2.34	702	562	468	401	351	281	234	176	156	140	112	93.6	80.2
	2.0	UC	2.64	792	634	528	453	396	317	264	198	176	158	127	106	90.5
	3.0	UC	3.14	942	754	628	538	471	377	314	236	209	188	151	126	108
	4.0	UC	3.55	1065	852	710	609	533	426	355	266	237	213	170	142	122
	5.0	XC	3.90	1170	936	780	669	585	468	390	293	260	234	187	156	134
	6.0	XC	4.22	1266	1013	844	723	633	506	422	317	281	253	203	169	145
	7.0	XC	4.51	1353	1082	902	773	677	541	451	338	301	271	216	180	155
APTJ-11010VP (50)	1.5	UC	2.90	870	696	580	497	435	348	290	218	193	174	139	116	99.4
	2.0	UC	3.28	984	787	656	562	492	394	328	246	219	197	157	131	112
	3.0	UC	3.92	1176	941	784	672	588	470	392	294	261	235	188	157	134
	4.0	UC	4.45	1335	1068	890	763	668	534	445	334	297	267	214	178	153
	5.0	XC	4.91	1473	1178	982	842	737	589	491	368	327	295	236	196	168
	6.0	XC	5.32	1596	1277	1064	912	798	638	532	399	355	319	255	213	182
	7.0	XC	5.69	1707	1366	1138	975	854	683	569	427	379	341	273	228	195
APTJ-11012VP (50)	1.5	UC	3.51	1053	842	702	602	527	421	351	263	234	211	168	140	120
	2.0	UC	3.97	1191	953	794	681	596	476	397	298	265	238	191	159	136
	3.0	UC	4.71	1413	1130	942	807	707	565	471	353	314	283	226	188	161
	4.0	XC	5.31	1593	1274	1062	910	797	637	531	398	354	319	255	212	182
	5.0	XC	5.84	1752	1402	1168	1001	876	701	584	438	389	350	280	234	200
	6.0	XC	6.31	1893	1514	1262	1082	947	757	631	473	421	379	303	252	216
	7.0	XC	6.73	2019	1615	1346	1154	1010	808	673	505	449	404	323	269	231

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). Drop Size data is in accordance with ISO 25358 Standard.

\* Due to the unique design of APTJ, flow and application rate values on this chart are specific to APTJ and differ from other flat spray rate charts.



 EXTREMELY FINE	 VERY FINE	 FINE	 MEDIUM	 COARSE	 VERY COARSE	 EXTREMELY COARSE	 ULTRA COARSE	Droplet Size Categories may vary with nozzle capacity, spray angle and spray pressure
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