



110° COMBO-JET® Spray Tips

Charts For Standard Sprayers

Nozzle Spacing: 20" Application Units: US Gallons/Acre

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Tip Cap No.	Flow Rate USGPM	PSI	US Gallons / Acre @ 20"								Spray Classification; VMD (Droplet Size in µ); %<141µ (Drift %); %<600µ (Small Droplets)															Spray Tip & Part No.																
			@ Sprayer Speed - Miles / Hour								ER110 Series			SR110 Series			MR110 Series			DR110 Series			UR110 Series			Spray Tip	Part #															
			5	7.5	10	12.5	15	17.5	20	Class	VMD	<141	Class	VMD	<141	Class	VMD	<141	Class	VMD	<141	Class	VMD	<141	UR Tip Usage			Strainer Part #														
04	0.24	15	14.5	9.7	7.3	5.8	4.8	4.2	3.6	M	251	16%	98%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ER110-04	40281-04							
	1.88	90	111	74	56	45	37	32	28	F	282	15%	88%	C	287	9%	84%	XC	440	6%	63%	UC	527	6%	49%	-	-	-	-	-	-	-	-	-	-	SR110-04	40287-04					
	05	0.31	15	18	12.1	9.1	7.3	6.1	5.2	4.5	M	262	15%	95%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MR110-04	40291-04					
		0.75	90	45	30	22	18	14.9	12.7	11.1	F	174	35%	95%	M	228	19%	97%	C	327	8%	89%	VC	427	4%	79%	UC	-	-	-	-	-	-	-	-	-	-	DR110-04	40286-04			
		06	0.37	15	22	14.5	10.9	8.7	7.3	6.2	5.5	C	297	11%	94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	UR110-04	40292-04			
			0.90	90	53	36	27	21	17.8	15.3	13.4	F	204	28%	95%	M	245	15%	96%	C	380	6%	86%	VC	427	4%	77%	UC	-	-	-	-	-	-	-	-	-	-	-	50 Mesh Strainer [Blue]	40250-00	
			08	0.49	15	29	19	15	12	10	8	7	M	353	11%	88%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50 Mesh Strainer [Blue]	40250-00		
				1.20	90	71	48	36	29	24	20	18	VF	191	27%	97%	C	284	12%	87%	C	349	8%	77%	XC	442	5%	61%	UC	-	-	-	-	-	-	-	-	-	-	-	ER110-08	40281-08
				10	0.61	15	36	24	18	15	12	10	9	C	389	7%	86%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MR110-08	40291-08
					1.50	90	89	59	45	36	30	25	22	F	223	24%	95%	C	292	11%	85%	C	348	7%	74%	UC	515	6%	41%	UC	-	-	-	-	-	-	-	-	-	-	-	DR110-08
12.5					0.77	15	45	30	23	18	15	13	11	C	448	7%	64%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	UR110-08	40292-08
					1.88	90	111	74	56	45	37	32	28	F	282	15%	88%	C	287	9%	84%	XC	440	6%	63%	UC	527	6%	49%	-	-	-	-	-	-	-	-	-	-	-	-	UR series spray tips are currently commercially available in -04 to -10 sizes.

Droplet Categories as per ASABE S572.1 Classification (2009-current)
 ■ Extremely Fine ■ Very Fine ■ Fine ■ Medium ■ Coarse ■ Very Coarse ■ Extremely Coarse ■ Ultra Coarse
 *Droplet categories: The above chart is based on the ASABE Standard 572.1. Refer to chemical label to verify which ASABE S572.1 categories should be followed.

110° COMBO-JET® Spray Tips Charts For PWM Sprayers

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Tip Cap No.	Flow Rate USGPM	BOOM PSI	TIP PSI	Sprayer Speed Range (Rounded)				Spray Classification; VMD (Droplet Size in µ); %<141µ (Drift %); %<600µ (Small Droplets)															Tip-Cap & Part No.											
				@ US Gallons/Acre on 20" Spacing				ER110 Series				SR110 Series				MR110 Series				DR110 Series				UR110 Series			Tip-Cap	Part #						
				5 GPA	10 GPA	15 GPA	20 GPA	Class	VMD	<141	<600	Class	VMD	<141	<600	Class	VMD	<141	<600	Class	VMD	<141	<600	Class	UR Tip Usage	Strainer not req'd								
04	0.24	15	14	4-14	2-7	1-5	1-4	M	254	15%	98%	-	-	-	-	-	-	-	-	-	-	-	-	-	UR tips are specially spray tips to produce ultra coarse spray. Refer to chemical application label for maximum pressures, speeds and application information.	ER110-04	40281-04							
	05	0.34	30	28	5-20	2-10	1-5	1-4	M	243	18%	97%	C	355	7%	91%	-	-	-	-	-	-	-	-	-	-	UR tips are specially spray tips to produce ultra coarse spray. Refer to chemical application label for maximum pressures, speeds and application information.	SR110-04	40287-04					
		06	0.38	25	23	6-24	3-12	2-8	2-6	M	231	21%	95%	C	367	7%	90%	XC	501	3%	69%	-	-	-	-	-	-	-	UR tips are specially spray tips to produce ultra coarse spray. Refer to chemical application label for maximum pressures, speeds and application information.	MR110-05	40291-05			
			08	0.48	40	36	7-28	4-14	2-9	2-7	M	217	25%	95%	C	334	10%	93%	VC	459	4%	76%	XC	513	3%	66%	UC	UR	Refer to chemical application label for maximum pressures, speeds and application information.	DR110-05	40286-05			
				10	0.58	60	54	9-35	4-17	3-12	2-9	F	198	29%	95%	C	287	14%	95%	C	400	6%	83%	XC	475	3%	73%	UC	UR	Refer to chemical application label for maximum pressures, speeds and application information.	UR110-05	40292-04		
					125	0.63	70	63	9-37	5-19	3-12	2-9	F	192	31%	95%	M	269	15%	96%	C	378	7%	85%	XC	460	4%	75%	UC	UR	Refer to chemical application label for maximum pressures, speeds and application information.	50 Mesh Strainer [Blue]	40250-00	
						15	0.67	80	72	10-40	5-20	3-13	2-10	F	186	32%	95%	M	253	17%	97%	C	359	7%	87%	VC	448	4%	77%	UC	UR	Refer to chemical application label for maximum pressures, speeds and application information.	50 Mesh Strainer [Blue]	40250-00

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