

Tip Charts

RAC X SwitchTips

(LTXxxx)



		ORIFICE SIZE - INCHES																								
		.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.051	.055	.061	.065	.071
Fan Width	2-4 (51-102)		109	111		115		217	219	221		225	227		231		235									
	4-6 (102-152)	207	209	211	213	215	217	219	321	323	325	327	329	331			335									
	6-8 (152-203)		309	311	313	315	317	319	321	323	325	327	329	331			335									
	8-10 (203-254)		409	411	413	415	417	419	421	423	425	427	429	431	433	435		439	441	443	445	451	455			
	10-12 (254-305)		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	551	555	561		
	12-14 (305-356)			611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	651	655	661	665	671
	14-16 (356-406)							817	819	821																
16-18 (406-XXX)																										
Flow Rate (gpm)		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63	1.8	1.98	2.17	2.79	3.25	4.0	4.53	5.41
Flow Rate (lpm)		.20	.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18	6.83	7.51	8.23	10.57	12.29	15.12	17.17	20.48

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate
 Example: for a tip with a .015 orifice and a 6 in (152 mm) pattern, order LTX315

WideRAC RAC X SwitchTips

(WRxxxx)



		ORIFICE SIZE - INCHES									
		.021	.023	.025	.027	.029	.031	.033	.035	.037	.039
Fan Width	24 (610)	1221	1223	1225	1227	1229	1231	1233	1235	1237	1239
	Flow Rate (gpm)	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63
	Flow Rate (lpm)	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate
 Example: for a tip with a .027 orifice and a 24 in (610 mm) pattern, order WR1227

WideRAC Conversion

RAC 5 or RAC X	WideRAC
415 or 515	1221 or 1223
417 or 517	1223 or 1225
419 or 519	1225 or 1227
421 or 612	1229 or 1231
523 or 623	1233 or 1235
525 or 625	1235 or 1237

When you use WideRAC, be sure to increase the flow rate of the tip to ensure the same mil build and rate of application (arm speed). Also, make sure your airless sprayer can support the larger tip size.

Fine Finish RAC X SwitchTips

(FFTxxx)



		ORIFICE SIZE - INCHES			
		.008	.010	.012	.014
Fan Width	2-4 (51-102)	108	110	112	
	4-6 (102-152)	208	210	212	214
	6-8 (152-203)	308	310	312	314
	8-10 (203-254)		410	412	414
	10-12 (254-305)		510	512	514
	12-14 (305-356)			612	614
	Flow Rate (gpm)		.07	.11	.15
Flow Rate (lpm)		.26	.41	.59	.80

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate
 Example: for a tip with a .010 orifice and a 8 in (203 mm) pattern, order FFT410

RAC 5 SwitchTips

(286xxx)



		ORIFICE SIZE - INCHES																							
		.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.043	.045	.051	.055	.063	.065		
Fan Width	2-4 (51-102)		109	111	113	115		119	121							235									
	4-6 (102-152)	207	209	211	213	215	217	219	211	223	225					235									
	6-8 (152-203)		307	309	311	313	315	317	319	321	323	325	327		331										
	8-10 (203-254)		409	411	413	415	417	419	421	423	425	427	429		433	435	439	443		451	455				
	10-12 (254-305)		509	511	513	515	517	519	521	523	525	527	529	531	533	535		543		551	555	563			
	12-14 (305-356)		609	611	613	615	617	619	621	623	625	627	629	631	633	635		645		651	655				
	14-16 (356-406)								721	723	725														
	16-18 (406-457)						815	817	819	821															
	18-20 (457-508)							917																	
	Flow Rate (gpm)		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.63	1.98	2.17	2.79	3.25	4.26	4.53	
Flow Rate (lpm)		.20	.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	6.18	7.51	8.23	10.57	12.29	16.13	17.17		

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate
 Example: for a tip with a .011 orifice and a 6 in (152 mm) pattern, order 286311

LineLazer RAC 5 SwitchTips

(LL5xxx)



		ORIFICE SIZE - INCHES												
		.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	
Line Width	2 (51)	213	215	217	219									
	4 (102)		315	317	319	321	323	325	327	329	331	333	335	
	4-8 (102-204)			417	419	421	423	425	427	429	431		435	
	8-12 (204-305)					621	623	625	627	629	631		635	
	Flow Rate (gpm)		.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31
Flow Rate (lpm)		.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate
 Example: for a tip with a .015 orifice and a 4 in (102 mm) pattern, order LL5215.
 Fan width of a spray pattern is measured at 6 in (152 mm) from the surface

Tip Charts

XHD RAC SwitchTips

(XHDxxx)



ORIFICE SIZE - INCHES

Fan Width	IN (MM)	ORIFICE SIZE - INCHES																					
		.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.049
2-4 (51-102)	107	109	111	113	115	117	119	121															139
4-6 (102-152)		209	211	213	215	217	219	221															239
6-8 (152-203)	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	343	345	347		449
8-10 (203-254)		409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439	441	443	445	447		549
10-12 (254-305)		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	547		649
12-14 (305-356)		609	611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	647		749
14-16 (356-406)			711	713	715	717	719	721	723	725	727	729	731	733	735	737	739	741	743	745	747		849
16-18 (406-457)				813	815	817	819	821	823	825	827	829	831	833	835	837	839	841	843	845	847		949
18-20 (457-508)									923	925	927		931	933	935	937	939						
Flow Rate (gpm)		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.74	.90	1.03	1.17	1.31	1.47	1.63	1.8	1.98	2.17	2.37	2.58
Flow Rate (lpm)		.20	.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18	6.83	7.51	8.23	8.98	9.76

ORIFICE SIZE - INCHES

Fan Width	IN (MM)	ORIFICE SIZE - INCHES												
		.051	.053	.055	.057	.059	.061	.063	.065	.067	.069	.071	.075	.081
2-4 (51-102)														
4-6 (102-152)														
6-8 (152-203)	351		355											
8-10 (203-254)	451		455	459	461	463	465	467		471		475	481	
10-12 (254-305)	551	553	555	557	561	563	565	567		571		575		
12-14 (305-356)	651		655	657	659	661	663	665	669	671		675		
14-16 (356-406)	751	753	755			761		767		771				
16-18 (406-457)	851		855			861	863	867						
18-20 (457-508)														
Flow Rate (gpm)		2.79	3.05	3.25	3.49	3.74	4.0	4.26	4.53	4.82	5.11	5.41	6.04	7.04
Flow Rate (lpm)		10.57	11.41	12.29	13.20	14.14	15.12	16.13	17.17	18.24	19.34	20.48	22.85	26.66

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate
 Example: for a tip with a .039 in orifice and a 10 in (254 mm) pattern, order GHD539

Contractor Flat Tips

(269xxx)



ORIFICE SIZE - INCHES

Fan Width	IN (MM)	ORIFICE SIZE - INCHES											
		.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.035
4-6 (102-152)	211	213	215	217	219			225	227				
6-8 (152-203)	311	313	315	317	319	321	323	325	327				
8-10 (203-254)	411	413	415	417	419	421	423	425	427			435	
10-12 (254-305)	511	513	515	517	519	521	523	525	527		531		
12-14 (305-356)		613	615	617	619	621	623	625	627		631	635	
14-16 (356-406)			715	717	719	721		725					
16-18 (406-457)			815		819	821			827	829	831		
18-20 (457-508)								925					
Flow Rate (gpm)		.12	.18	.24	.31	.38	.47	.57	.67	.74	.90	1.03	1.31
Flow Rate (lpm)		.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.98

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate
 Example: for a tip with a 0.011 in orifice and a 10 in (254 mm) pattern, order 269511

Fine Finish Flat Tips

(163xxx)



ORIFICE SIZE - INCHES

Fan Width	IN (MM)	ORIFICE SIZE - INCHES												
		.008	.010	.012	.014	.016	.018	.020	.022	.024	.026	.028	.030	.032
2-4 (51-102)	108	110												
4-6 (102-152)	208	210	212	214	216	218			224					232
6-8 (152-203)		310	312	314	316	318	320	322	324					432
8-10 (203-254)	408	410	412	414	416	418	420		424	426	428	430		
10-12 (254-305)		510	512	514	516	518	520	522	524	526	528	530		
12-14 (305-356)		610	612	614	616	618	620	622	624	626	628			
14-16 (356-406)			712	714	716	718			726					
16-18 (406-457)				814	816	818	820	822	824	826	828			832
18-20 (457-508)			912	914		918		922	924	926				
Flow Rate (gpm)		.07	.11	.15	.21	.27	.35	.43	.52	.62	.73	.84	.97	1.1
Flow Rate (lpm)		.26	.41	.59	.80	1.04	1.32	1.63	1.97	2.34	2.75	3.19	3.66	4.16

Water @ 2000 psi (138 bar, 13.8 MPa) - paints with a higher viscosity will decrease the flow rate
 Example: for a tip with a 0.010 in orifice and a 10 in (254 mm) pattern, order 163510