



SNE AGSPRAY

All agricultural spray and care equipment



PERFORMANCE SPRAYING
FOR OVER 40 YEARS





AUSTRALIA & NEW ZELAND





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COMBO-JET® ALL-IN-ONE TIP/CAPS

Wilger drift reduction tips offer the largest variety of flow & droplet size

Combo-Jet tips use a modern pre-orifice & closed chamber design that produces significantly less drift, creating solid mass droplets, for maximum spray velocity and more meaningful spray. Without needing consistent air induction for drift reduction, Combo-Jet spray tips have become the preferred tip for pulse width modulation (PWM) spraying systems.

Less plugging, as the path of flow always gets larger
40% longer strainer that snaps & seals into place

Spray tip & cap are held together as one piece

SR / MR / DR / UR
50% 75% 90% 90%+
Drift Reduction Series

Super long-lasting stainless steel spray tip



5 SERIES OF SPRAY TIPS

for a sliding scale of droplet size
The preferred spray tips for PWM spray systems



The main reason why Wilger manufactures 5 different series of spray tips (ER, SR, MR, DR & UR) across different flow rates, is to effectively give the spray applicator a sliding scale of droplet size (and flow) to best match their ideal application, ranging from an ER's fine droplet size, to an UR's ultra course droplet.

PATENTED

COMBO-JET® UR

Dual-chamber series spray tips

The next level of drift reduction. The UR series of spray tips produce an extremely coarse spray for applications that ultimately require drift control over coverage. The UR series of spray tip do not use air induction and are completely compatible with all PWM spray systems.




NEW

	ER SERIES EXTENDED RANGE	SR SERIES SMALL REDUCTION	MR SERIES MID-RANGE REDUCTION	DR SERIES HIGH REDUCTION	UR SERIES ULTRA REDUCTION
Spray Tip Design	Conventional Flat Fan	Pre-orifice Drift Reduction	Pre-orifice Drift Reduction	Pre-orifice Drift Reduction	Dual Chamber Drift Reduction
Spray Quality @40PSI	Medium	Coarse	Extremely Coarse	Extremely Coarse	Ultra-Coarse
Droplet Size1 @40PSI	Smallest (246µ VMD¹)	Medium (371µ VMD¹)	Large (474µ VMD¹)	Very Large (529µ VMD¹)	Ultra-Coarse
% <141µ² % <600µ³	20% of volume < 141µ 94% of volume < 600µ	8% of volume < 141µ 89% of volume < 600µ	4% of volume < 141µ 74% of volume < 600µ	2% of volume < 141µ 64% of volume < 600µ	UR spray tips are specialty spray tips, designed for certain chemical applications that require exceptional drift reduction. They are not be to be replaced with other spray tip series that are not approved to be on the chemical label. Always follow up-to-date label information.
Drift Potential	Most likely to drift	Lower drift potential	Major reduction	Least likely to drift	
Coverage	Best	Excellent	Very good	Good	

¹Based on an XX110-06 nozzle @ 40 psi (2.75 BAR)
²Droplets smaller than 141µ are more likely to drift. 141µ is used as a standard for estimating driftable fines.
³Droplets smaller than 600µ provide better coverage. Droplets > 600µ consume more spray volume, reducing overall coverage.

COMBO-JET® 80° SPRAY TIPS

Tip Cap Size	Flow Rate USGPM	PSI	Application Rate - US Gallons/Acre @ 20"								Spray Classification, VMD (in µ; %<141µ (% Driftable Fines); %<600µ (% of Small Droplets))												Spray Tip, Part # & MSRP						
			Sprayer Speed - Miles/Hour								ER 80° Series				SR 80° Series				MR 80° Series				DR 80° Series				Description	Part #	MSRP
			5	7.5	10	12.5	15	17.5	20	Cat	VMD	<141	<600	Cat	VMD	<141	<600	Cat	VMD	<141	<600	Cat	VMD	<141	<600				
005	0.043	30	2.6	1.7	1.3	 TIP WIZARD Reminder: Comprehensive rate & speed charts for any nozzle spacing is available on Tip Wizard.				F	149	41%	100%	Not sure which nozzle strainer to use? Use 100 Mesh for tip sizes smaller than -02. Use 50 Mesh for tip sizes from -02 to -06.				M	236	17%	100%	C	276	11%	100%	ER80-005	40270-005	\$15.24	
	0.050	40	3.0	2.0	1.5					F	137	55%	100%					F	201	26%	100%	M	230	19%	100%	-	-	-	
	0.056	50	3.3	2.2	1.7					F	128	63%	100%					F	178	33%	100%	F	200	25%	100%	MR80-005	40290-005	\$22.49	
	0.061	60	3.6	2.4	1.8					F	121	68%	100%					F	161	39%	100%	F	178	31%	100%	DR80-005	40280-005	\$17.51	
0067	0.058	30	3.4	2.3	1.7					F	180	35%	100%					F	211	24%	100%	C	308	9%	100%	ER80-0067	40270-007	\$15.24	
	0.067	40	4.0	2.6	2.0					F	153	45%	100%					F	182	33%	100%	M	267	13%	100%	-	-	-	
	0.075	50	4.4	3.0	2.2					F	141	52%	100%					F	162	40%	100%	M	239	17%	100%	MR80-0067	40290-007	\$17.51	
	0.082	60	4.9	3.2	2.4					F	131	58%	100%					F	148	46%	100%	M	218	20%	100%	DR80-0067	40280-007	\$17.51	
01	0.09	30	5.1	3.4	2.6	2.1	1.7	1.5	1.3	F	156	41%	100%	M	233	21%	97%	M	218	23%	97%	C	312	10%	94%	ER80-01	40270-01	\$10.27	
	0.10	40	5.9	4.0	3.0	2.4	2.0	1.7	1.5	F	143	49%	100%	F	199	29%	97%	F	191	30%	97%	C	274	14%	96%	SR80-01	40288-01	\$16.23	
	0.11	50	6.6	4.4	3.3	2.7	2.2	1.9	1.7	F	134	56%	100%	F	176	36%	98%	F	173	36%	97%	M	248	17%	98%	MR80-01	40290-01	\$16.23	
	0.12	60	7.3	4.8	3.6	2.9	2.4	2.1	1.8	F	128	62%	100%	F	159	41%	98%	F	159	40%	97%	M	229	19%	99%	DR80-01	40280-01	\$16.23	
015	0.13	30	7.7	5.1	3.9	3.1	2.6	2.2	1.9	F	180	29%	100%	M	262	16%	95%	C	323	10%	94%	VC	418	4%	87%	ER80-015	40270-015	\$10.27	
	0.15	40	8.9	5.9	4.5	3.6	3.0	2.5	2.2	F	167	34%	100%	M	230	22%	96%	C	283	14%	96%	C	380	6%	90%	SR80-015	40288-015	\$16.23	
	0.17	50	10.0	6.6	5.0	4.0	3.3	2.8	2.5	F	158	39%	100%	F	207	26%	97%	M	256	17%	97%	C	353	7%	92%	MR80-015	40290-015	\$16.23	
	0.18	60	10.9	7.3	5.5	4.4	3.6	3.1	2.7	F	151	42%	100%	F	191	30%	97%	M	236	20%	98%	C	332	8%	94%	DR80-015	40280-015	\$16.23	
02	0.17	30	10.3	6.9	5.1	4.1	3.4	2.9	2.6	F	170	34%	100%	M	257	16%	95%	C	326	8%	94%	XC	454	3%	80%	ER80-02	40270-02	\$10.27	
	0.20	40	11.9	7.9	5.9	4.8	4.0	3.4	3.0	F	161	38%	100%	M	233	20%	96%	C	298	11%	94%	VC	419	4%	84%	SR80-02	40288-02	\$16.23	
	0.22	50	13.3	8.9	6.6	5.3	4.4	3.8	3.3	F	155	42%	100%	M	216	24%	97%	C	277	14%	95%	VC	394	5%	87%	MR80-02	40290-02	\$16.23	
	0.24	60	14.5	9.7	7.3	5.8	4.8	4.2	3.6	F	150	45%	100%	F	203	27%	98%	M	262	16%	95%	C	375	6%	88%	DR80-02	40280-02	\$16.23	
025	0.22	30	12.9	8.6	6.4	5.1	4.3	3.7	3.2	F	209	23%	100%	C	296	11%	93%	VC	425	5%	81%	XC	460	3%	77%	ER80-025	40270-025	\$10.27	
	0.25	40	14.9	9.9	7.4	5.9	5.0	4.2	3.7	F	194	28%	100%	M	268	15%	94%	C	382	6%	85%	VC	430	4%	81%	SR80-025	40288-025	\$16.23	
	0.28	50	16.6	11.1	8.3	6.6	5.5	4.7	4.2	F	182	31%	100%	M	248	18%	95%	C	353	8%	87%	VC	408	5%	83%	MR80-025	40290-025	\$16.23	
	0.31	60	18.2	12.1	9.1	7.3	6.1	5.2	4.5	F	174	34%	100%	M	233	20%	96%	C	330	9%	89%	C	391	6%	85%	DR80-025	40280-025	\$16.23	
03	0.26	30	15.4	10.3	7.7	6.2	5.1	4.4	3.9	F	228	23%	99%	C	344	9%	89%	VC	432	5%	81%	XC	481	3%	72%	ER80-03	40270-03	\$10.27	
	0.30	40	17.8	11.9	8.9	7.1	5.9	5.1	4.5	F	215	26%	99%	C	309	12%	91%	C	390	7%	85%	VC	447	4%	77%	SR80-03	40288-03	\$16.23	
	0.34	50	19.9	13.3	10.0	8.0	6.6	5.7	5.0	F	205	29%	99%	C	285	15%	92%	C	360	8%	88%	VC	422	5%	80%	MR80-03	40290-03	\$16.23	
	0.37	60	21.8	14.5	10.9	8.7	7.3	6.2	5.5	F	197	32%	99%	M	266	17%	93%	C	337	9%	89%	C	403	6%	83%	DR80-03	40280-03	\$16.23	
04	0.35	30	20.6	13.7	10.3	8.2	6.9	5.9	5.1	M	230	21%	99%	C	344	7%	87%	VC	420	5%	80%	XC	543	2%	62%	ER80-04	40270-04	\$10.27	
	0.40	40	23.8	15.8	11.9	9.5	7.9	6.8	5.9	M	216	24%	99%	C	310	10%	89%	C	385	7%	84%	XC	507	3%	68%	SR80-04	40288-04	\$16.23	
	0.45	50	26.6	17.7	13.3	10.6	8.9	7.6	6.6	F	206	26%	99%	C	286	12%	91%	C	360	9%	86%	XC	480	4%	72%	MR80-04	40290-04	\$16.23	
	0.49	60	29.1	19.4	14.5	11.6	9.7	8.3	7.3	F	198	28%	99%	M	267	14%	92%	C	341	10%	88%	XC	460	4%	75%	DR80-04	40280-04	\$16.23	
05	0.43	30	25.7	17.1	12.9	10.3	8.6	7.3	6.4	M	267	16%	95%	C	381	7%	83%	XC	504	3%	68%	XC	574	2%	56%	ER80-05	40270-05	\$10.27	
	0.50	40	29.7	19.8	14.9	11.9	9.9	8.5	7.4	M	248	20%	95%	C	342	10%	86%	VC	466	4%	73%	XC	538	2%	62%	SR80-05	40288-05	\$16.23	
	0.56	50	33.2	22.1	16.6	13.3	11.1	9.5	8.3	M	235	22%	95%	C	314	12%	87%	VC	438	5%	77%	XC	512	3%	67%	MR80-05	40290-05	\$16.23	
	0.61	60	36.4	24.2	18.2	14.5	12.1	10.4	9.1	M	224	25%	95%	C	293	14%	89%	VC	417	6%	79%	XC	492	3%	70%	DR80-05	40280-05	\$17.51	
06	0.52	30	30.9	20.6	15.4	12.3	10.3	8.8	7.7	C	296	17%	91%	VC	420	5%	81%	XC	526	2%	64%	XC	596	1%	51%	ER80-06	40270-06	\$10.27	
	0.60	40	35.6	23.8	17.8	14.3	11.9	10.2	8.9	C	279	20%	91%	C	390	7%	84%	XC	492	3%	70%	XC	564	2%	57%	SR80-06	40288-06	\$16.23	
	0.67	50	39.8	26.6	19.9	15.9	13.3	11.4	10.0	C	267	22%	90%	C	368	8%	86%	VC	468	4%	73%	XC	540	2%	61%	MR80-06	40290-06	\$17.51	
	0.73	60	43.6	29.1	21.8	17.5	14.5	12.5	10.9	M	257	24%	90%	C	351	9%	88%	VC	448	5%	76%	XC	521	3%	64%	DR80-06	40280-06	\$17.51	
08	0.69	30	41.2	27.4	20.6	16.5	13.7	11.8	10.3	C	317	17%	90%	UC	490	8%	59%	UC	540	6%	63%	UC	619	3%	52%	ER80-08	40270-08	\$10.27	
	0.80	40	47.5	31.7	23.8	19.0	15.8	13.6	11.9	M	286	21%	93%	XC	449	9%	66%	UC	500	8%	69%	UC	585	4%	58%	SR80-08	40288-08	\$17.51	
	0.89	50	53.1	35.4	26.6	21.3	17.7	15.2	13.3	M	264	23%	94%	XC	417	10%	71%	XC	470	9%	73%	UC	559	5%	62%	MR80-08	40290-08	\$17.51	
	0.98	60	58.2	38.8	29.1	23.3	19.4	16.6	14.5	F	247	26%	95%	XC	390	11%	74%	XC	448	10%	76%	UC	539	5%	65%	DR80-08	40280-08	\$17.51	
10	0.87	30	51.4	34.3	25.7	20.6	17.1	14.7	12.9	XC	405	12%	82%	UC	512	7%	55%	UC	546	5%	62%	UC	611	4%	52%	ER80-10	40270-10	\$11.84	
	1.00	40	59.4	39.6	29.7	23.8	19.8	17.0	14.9	C	371	14%	84%	XC	472	8%	63%	UC	513	6%	67%	UC	582	5%	57%	SR80-10	40288-10	\$17.51	
	1.12	50	66.4	44.3	33.2	26.6	22.1	19.0	16.6	C	346	16%	86%	XC	441	9%	67%	UC	489	7%	70%	UC	561	6%	60%	MR80-10	40290-10	\$17.51	
	1.22	60	72.7	48.5	36.4	29.1	24.2	20.8	18.2	M	328	18%	87%	XC	415	10%	71%	XC	470	8%	72%	XC	544	6%	63%	DR80-10	40280-10	\$17.51	
125	1.08	30	64.3	42.9	32.2	25.7	21.4	18.4	16.1	XC	413	11%	81%	UC	509	7%	55%	UC	585	5%	56%	UC	624	4%	50%	ER80-125	40270-125	\$11.84	
	1.25	40	74.3	49.5	37.1	29.7	24.8	21.2	18.6	VC	383	13%	83%	XC															

COMBO-JET® 110° SPRAY TIPS

ASABE Spray Classification (ASABE S572.1 Standard)

Spray quality is categorized based on Dv0.1 and Dv0.2 droplet sizes.

Objective testing data (by 3rd party), from spray spectrum recording equipment (without wind tunnel use), has been used to classify spray quality for this chart. Extra data (e.g. VMD, etc.) can vary between testing equipment and method, and is provided as an educational resource only. **More information @ Wilger.net.**

Tip used up to 110° on certified on-Phase Doctor Parts and/or PPS®. Tip used over 110° on certified on-Magnum.

Fine (F)

Medium (M)

Coarse (C)

Very Coarse (VC)

Extremely Coarse (XC)

Ultra Coarse (UC)

VMD (Volume Median Diameter)


Size of the median droplet (in µ) for a sprayed volume. Half of the volume is made up of droplets smaller than VMD, with half made up of droplets larger.

% <141µ (% Driftable Fines)

Percentage of volume which is likely to drift. As wind conditions and boom height increase, observed spray drift will increase substantially.

% <600µ (% of Small Droplets)

Percentage of volume which is made up of 'small' droplets, useful for coverage. As % of useful droplets lowers, overall coverage is reduced.

Tip Cap Size	Flow Rate US gpm	PSI	Applied Rate - US Gal/Acre						Spray Classification, VMD (in µ); %<141µ (% Driftable Fines); %<600µ (% of small droplets)												Spray Tip Description, Part #, & MSRP												
			Sprayer Speed - Miles/Hour						ER 110° Series				SR 110° Series				MR 110° Series				DR 110° Series				UR 110° Series*				Description	Part #	MSRP		
			5	7.5	10	12.5	15	20	Cla	VMD	<141	<600	Cla	VMD	<141	<600	Cla	VMD	<141	<600	Cla	VMD	<141	<600	Cla	VMD	<141	<600					
01	0.09	30	5.1	3.4	2.6	2.1	1.7	1.3	F	140	51%	100%	 <div>PRO TIP: For easier spray tip selection Comprehensive rate & speed charts for any nozzle spacing is available on Tip Wizard. Download Tip Wizard for free on any smartphone/tablet, or use it at www.wilger.net</div>	F	133	56%	100%	C	322	11%	94%	C	366	7%	92%	-	-	-	-	ER110-01	40281-01	\$10.27	Snap-in Strainer Sizing: 100 mesh strainer (#40251-00) for up to -02 50 mesh strainer (#40250-00) for -02 to -06
	0.10	40	5.9	4.0	3.0	2.4	2.0	1.5	F	128	59%	100%		F	124	62%	100%	C	277	16%	97%	C	328	10%	94%	-	-	-	-	ER110-015	40281-015	\$10.27	
	0.11	50	6.6	4.4	3.3	2.7	2.2	1.7	F	128	59%	100%		F	187	32%	98%	M	247	20%	99%	C	301	12%	95%	-	-	-	-	SR110-015	40287-015	\$16.23	
	0.12	60	7.3	4.8	3.6	2.9	2.4	1.8	F	134	55%	100%		F	177	34%	98%	M	225	23%	99%	C	281	14%	96%	-	-	-	-	MR110-015	40291-015	\$16.23	
015	0.13	30	7.7	5.1	3.9	3.1	2.6	1.9	F	145	47%	100%	F	160	39%	100%	C	315	12%	95%	VC	431	5%	82%	-	-	-	-	DR110-015	40286-015	\$16.23		
	0.15	40	8.9	5.9	4.5	3.6	3.0	2.2	F	139	52%	100%	F	199	28%	98%	C	277	16%	97%	C	328	10%	94%	-	-	-	-	ER110-02	40281-02	\$10.27		
	0.17	50	10.0	6.6	5.0	4.0	3.3	2.5	F	134	55%	100%	F	187	32%	98%	M	247	20%	99%	C	301	12%	95%	-	-	-	-	SR110-02	40287-02	\$16.23		
	0.18	60	10.9	7.3	5.5	4.4	3.6	2.7	F	131	58%	100%	F	177	34%	98%	M	225	23%	99%	C	281	14%	96%	-	-	-	-	MR110-02	40291-02	\$16.23		
02	0.17	30	10.3	6.9	5.1	4.1	3.4	2.6	F	160	39%	100%	M	219	23%	99%	C	315	12%	95%	VC	431	5%	82%	-	-	-	-	DR110-02	40286-02	\$16.23		
	0.20	40	11.9	7.9	5.9	4.8	4.0	3.0	F	151	45%	100%	F	206	26%	99%	C	279	15%	97%	VC	392	7%	87%	-	-	-	-	ER110-03	40281-03	\$10.27		
	0.22	50	13.3	8.9	6.6	5.3	4.4	3.3	F	144	49%	100%	F	196	29%	99%	M	254	19%	97%	C	361	8%	90%	-	-	-	-	SR110-03	40287-03	\$16.23		
	0.24	60	14.5	9.7	7.3	5.8	4.8	3.6	F	138	52%	100%	F	188	31%	99%	M	235	21%	98%	C	336	9%	92%	-	-	-	-	MR110-03	40291-03	\$16.23		
025	0.22	30	12.9	8.6	6.4	5.1	4.3	3.2	F	186	29%	100%	M	236	20%	98%	C	350	9%	91%	VC	434	5%	80%	NEW UR110-025 More information to come in 2020. Visit website for most up-to-date charts.	ER110-025	40281-025	\$10.27					
	0.23	35	13.9	9.3	6.9	5.6	4.6	3.5	F	183	30%	100%	M	228	21%	98%	C	334	10%	92%	VC	414	6%	83%		SR110-025	40287-025	\$16.23					
	0.25	40	14.9	9.9	7.4	5.9	5.0	3.7	F	181	30%	100%	M	222	23%	98%	C	320	11%	93%	VC	398	7%	86%		MR110-025	40291-025	\$16.23					
	0.28	50	16.6	11.1	8.3	6.6	5.5	4.2	F	176	30%	100%	F	211	25%	98%	C	296	13%	95%	C	370	8%	89%		DR110-025	40286-025	\$16.23					
03	0.31	60	18.2	12.1	9.1	7.3	6.1	4.5	F	173	31%	100%	F	203	27%	98%	C	277	15%	96%	C	347	9%	92%	UR110-025	40292-025	\$27.70	NEW UR110-03 More information to come in 2020. Visit website for most up-to-date charts.	ER110-03	40281-03	\$10.27		
	0.26	30	15.4	10.3	7.7	6.2	5.1	3.9	F	183	31%	99%	C	303	11%	95%	VC	394	6%	86%	XC	479	4%	74%	SR110-03	40287-03	\$16.23						
	0.28	35	16.7	11.1	8.3	6.7	5.6	4.2	F	178	33%	99%	C	290	13%	95%	C	376	8%	89%	XC	460	4%	77%	MR110-03	40291-03	\$16.23						
	0.30	40	17.8	11.9	8.9	7.1	5.9	4.5	F	173	35%	98%	C	279	15%	96%	C	360	9%	91%	VC	443	5%	80%	DR110-03	40286-03	\$16.23						
04	0.34	50	19.9	13.3	10.0	8.0	6.6	5.0	F	165	37%	98%	M	260	17%	97%	C	333	10%	93%	VC	414	6%	84%	UR110-03	40292-03	\$27.70	UR tips are specialty spray tips to produce ultra coarse spray. Refer to chemical label for maximum pressures, speeds and application information.	ER110-04	40281-04	\$10.27		
	0.37	60	21.8	14.5	10.9	8.7	7.3	5.5	F	159	39%	97%	M	244	19%	97%	C	311	12%	94%	C	391	6%	86%	SR110-04	40287-04	\$16.23						
	0.35	30	20.6	13.7	10.3	8.2	6.9	5.1	M	225	22%	97%	C	314	11%	94%	VC	416	5%	84%	XC	510	3%	69%	MR110-04	40291-04	\$16.23						
	0.37	35	22.2	14.8	11.1	8.9	7.4	5.6	M	220	23%	100%	C	300	12%	95%	VC	395	6%	87%	XC	488	4%	73%	DR110-04	40286-04	\$16.23						
05	0.40	40	23.8	15.8	11.9	9.5	7.9	5.9	F	215	24%	96%	C	288	14%	95%	C	377	7%	89%	VC	469	4%	76%	UR110-04	40292-04	\$27.70	UR tips are specialty spray tips to produce ultra coarse spray. Refer to chemical label for maximum pressures, speeds and application information.	ER110-05	40281-05	\$10.27		
	0.45	50	26.6	17.7	13.3	10.6	8.9	6.9	F	196	26%	96%	M	269	16%	96%	C	346	8%	92%	VC	438	5%	80%	SR110-05	40287-05	\$16.23						
	0.49	60	29.1	19.4	14.5	11.6	9.7	7.3	F	209	28%	96%	M	253	17%	96%	C	321	9%	94%	VC	412	6%	83%	MR110-05	40291-05	\$16.23						
	0.43	30	25.7	17.1	12.9	10.3	8.6	6.4	M	226	22%	95%	C	355	8%	91%	XC	486	3%	72%	XC	530	2%	63%	DR110-05	40286-05	\$16.23						
06	0.47	35	27.8	18.5	13.9	11.1	9.3	6.9	M	220	24%	95%	C	338	10%	93%	XC	464	4%	75%	XC	516	2%	66%	UR110-05	40292-05	\$27.70	UR tips are specialty spray tips to produce ultra coarse spray. Refer to chemical label for maximum pressures, speeds and application information.	ER110-06	40281-06	\$10.27		
	0.50	40	29.7	19.8	14.9	11.9	9.9	7.4	F	212	26%	95%	C	322	11%	93%	VC	445	5%	78%	XC	503	3%	68%	SR110-06	40287-06	\$16.23						
	0.56	50	33.2	22.1	16.6	13.3	11.1	8.3	F	202	28%	95%	C	296	13%	95%	VC	412	6%	82%	XC	482	3%	72%	MR110-06	40291-06	\$16.23						
	0.61	60	36.4	24.2	18.2	14.5	12.1	9.1	F	194	30%	95%	C	275	15%	96%	C	386	7%	85%	XC	465	3%	74%	DR110-06	40286-06	\$16.23						
08	0.52	30	30.9	20.6	15.4	12.3	10.3	7.7	M	261	18%	94%	VC	416	6%	84%	XC	507	3%	68%	XC	565	2%	57%	UR110-06	40292-06	\$27.70	UR tips are specialty spray tips to produce ultra coarse spray. Refer to chemical label for maximum pressures, speeds and application information.	ER110-07	40281-07	\$10.27		
	0.56	35	33.3	22.2	16.7	13.3	11.1	8.3	M	253	19%	94%	C	392	7%	87%	XC	490	4%	71%	XC	546	2%	61%	SR110-07	40287-07	\$16.23						
	0.60	40	35.6	23.8	17.8	14.3	11.9	8.9	M	246	20%	94%	C	371	8%	89%	XC	474	4%	74%	XC	529	2%	64%	MR110-07	40291-07	\$17.51						
	0.67	50	39.8	26.6	19.9	15.9	13.3	10.0	M	235	22%	95%	C	337	10%	92%	VC	448	4%	78%	XC	501	3%	68%	DR110-07	40286-07	\$17.51						
10	0.73	60	43.6	29.1	21.8	17.5	14.5	10.9	M	225	24%	95%	C	308	12%	93%	VC	427	5%	81%	XC	478	3%	71%	UR110-07	40292-07	\$27.70	UR tips are specialty spray tips to produce ultra coarse spray. Refer to chemical label for maximum pressures, speeds and application information.	ER110-08	40281-08	\$10.27		
	0.69	30	41.2	27.4	20.6	16.5	13.7	10.3	C	290	17%	93%	XC	453	6%	67%	UC	531	4%	53%	UC	614	3%	40%	SR110-08	40287-08	\$17.51						
	0.75	35	44.5	29.6	22.2	17.8	14.8	11.1	M	276	19%	94%	XC	429	7%	71%	UC	506	5%	57%	UC	590	3%	44%	MR110-08	40291-08	\$17.51						
	0.80	40	47.5	31.7	23.8	19.0	15.8	11.9	M	264	20%	95%	XC	408	7%	74%	UC	483	5%	61%	UC	569	4%	47%	DR110-08	40286-08	\$17.51						
125	0.89	50	53.1	35.4	26.6	21.3	17.7	13.3	M	244	22%	95%	VC	374	9%	79%	XC	446	6%	67%	UC	534	4%	51%	UR110-08	40292-08	\$27.70	UR tips are specialty spray tips to produce ultra coarse spray. Refer to chemical label for maximum pressures, speeds and application information.	ER110-09	40281-09	\$11.84		
	0.98	60	58.2	38.8	29.1	23.3	19.4	14.5	F	228	23%	96%	C	346	10%	82%	XC	416	7%	70%	UC	506	4%	55%	SR110-09	40287-09	\$17.51						
	0.87	30	51.4	34.3	25.7	20.6	17.1	12.9	C	325	14%	90%	XC	470	6%	62%	UC	523	4%	53%	UC	609	5%	41%	MR110-09	40291-09	\$17.51						
	0.94	35	55.6	37.0	27.8	22.2	18.5	13.9	C	310	15%	91%	XC	445	7%	67%	UC	499	5%	56%	UC	586	5%	57%	DR110-09	40286-09	\$17.51						
15	1.00	40	59.4	39.6	29.7	23.8	19.8	14.9	C	298	17%	92%	XC	424	7%	70%	XC	478	5%	59%	UC	584	5%	45%	UR110-09	40292-09	\$27.70	UR series is not commercially available in the UR110-125 size.	ER110-10	40281-10	\$11.84		
	1.12	50	66.4	44.3	33.2	26.6	22.1	16.6	M	277	19%	93%	XC	388	8%	75%	XC	442	6%	64%	UC	565	6%	49%	SR110-10	40287-10	\$17.51						
	1.22	60	72.7	48.5	36.4	29.1	24.2	18.2	M	260	21%	94%	VC	358	9%	79%	XC	413	6%	67%	UC	550	6%	52%	MR110-10	40291-10	\$17.51						
	1.08	30	64.3	42.9	32.2	25.7	21.4	16.1	XC	383	10%	76%	XC	471	5%	62%	UC	618	4%	39%	UC	647	3%	35%	DR110-10	40286-10	\$17.51						
20	1.25																																

NOTE: 'SR, MR, DR, UR spray tips include pre-orifice(s). Pre-orifices are not interchangeable between different spray tips of different series.

STRAINERS

Combo-Jet snap-in tip strainers



40250-00 / Combo-Jet Tip Strainer – 50 Mesh Blue

Wilger snap-in strainers are a simple solution to help minimise clogging on a nozzle outlet and ultimately achieve a better application.



40251-00 / Combo-Jet Tip Strainer – 100 Mesh Green

By snapping in a strainer with an appropriate mesh size for your application you can reduce the amount of blocked or clogging nozzles.

HOW TO REMOVE STRAINERS FOR CLEANING

Easy & thorough spray tip cleaning



TO CLEAN STAINLESS TIP
Pull strainer (with pre-orifice)
up and out



TO CLEAN PLASTIC PRE-ORIFICE
Push strainer sideways to
release from pre-orifice



ER SERIES
Push strainer sideways to
remove



TO USE/REPLACE STRAINER
Push strainer down to
snap in strainer

ADAPTORS

Wilgers wide range of adaptor caps to suit any boom sprayer



40204-00 / Square Lug to Combo-Jet Adaptor

Wilgers Square lug to Combo-Jet adaptor caps allow the **LARGEST RANGE** of drift reduction tips to be used on sprayers with conventional square lug bodies.

40202-00 / Hardi to Combo-Jet Adaptor

The Wilger Hardi to Combo-Jet adaptor cap, which adapt Hardi bodies & outlets to Combo-Jet tips.



40205-00 / Agrifac to Combo-Jet Adaptor

Wilgers **NEW** Agrifac to Combo-Jet adaptor cap, which adapt world leading drift reduction tips by Wilger to Agrifac sprayers.

FERTILISER STREAMER CAP ASSEMBLIES



40433-047 | Combo-Jet Fertiliser Cap 3-Hole @ 0.0469"

Fertiliser streamer cap, available in multiple orifice diameters and two or three hole combinations.



40433-067 | Combo-Jet Fertiliser Cap 3-Hole @ 0.067"

Fertiliser streamer cap, available in multiple orifice diameters and two or three hole combinations.



40285-XX | Pre-Orifice for Steamer Cap Assemblies

Combo-Jet metering orifice's for specific application rates.



40247 | 40248 | 40249

Optional pre-orifice strainer to prevent clogging & blocked caps.

HOW TO ORDER

For streamer cap assembly, order:

1. Metering Orifice (40285-XX series)*
2. Streamer cap (2 or 3 hole, sized to orifice)
3. O-ring seal (40260-00 or 40260-V0)
- Optional** 4. Strainer (based on orifice size)



NEW



COMBO-RATE® DOUBLE-DOWN TURRET

BE BETTER COVERED IN 2020

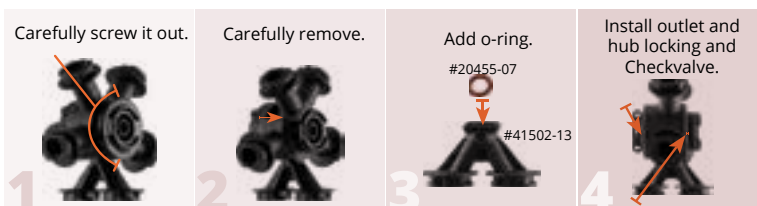
Spraying with two tips straight down is proving to meet a lot of productivity and efficacy gains that are needed for applications that struggle to get adequate coverage, even with higher water rates.

For canopy crop spraying, it allows more meaningful spray to get down to target, maximising spray velocity into the canopy, lessening the potential for drift.

The double-down turret can be retro-fitted onto ANY existing Combo-Rate turrets by swapping out a regular outlet (or plug).

RETROFITTABLE

on existing combo-rate turrets



STACKING TURRETS

Combo-Rate stacking turrets for multiple outlet and nozzle combinations



41535-00 / 5-Outlet Turret Body PWM (No Nut)

Combo-Rate standard front mount multi-outlet turret for PWM applications.



41535-32 | 3+2-Outlet Turret, 3x Radialock + 2x Square Lug Outlets PWM (No Nut)

Combo-Rate multi-outlet turret, with three radialock & two square lug outlets.

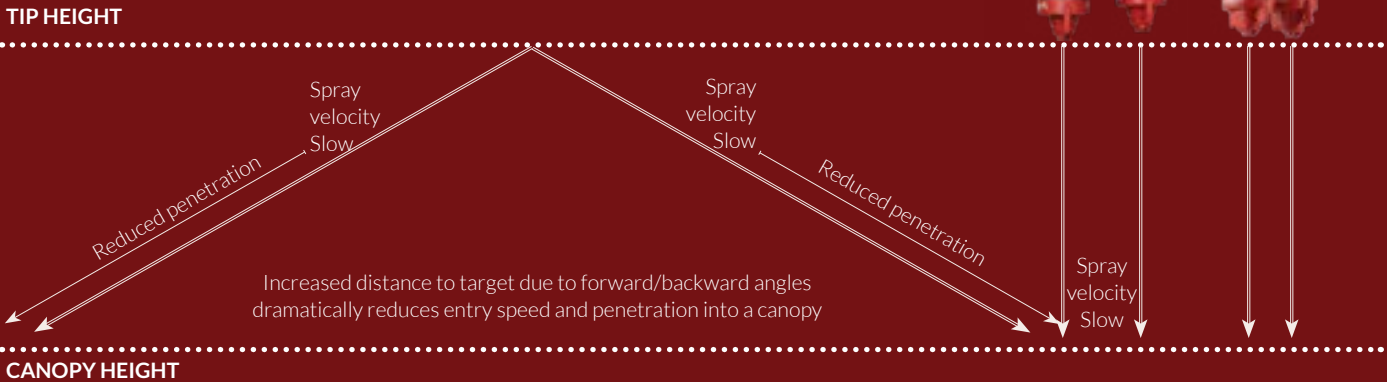


40440-00 Wye Splitter

INCREASING CANOPY PENETRATION & COVERAGE

Using two spray tips straight down can provide better penetration through thick canopies, allowing for better coverage. Why use two nozzles straight down, and not a multi-angle spray tip? Further distance to target means less penetration.

What about spraying vertical dense canopy?
Spraying a vertical target is different than spraying into a canopy. Spraying forward/backward with more effective to cover vertical targets at suitable boom heights.



STACKING NOZZLE BODIES

Combo-Rate stacking nozzle bodies designed to be used with most booms



41344-00 | Combo-Rate II Nozzle Body 3/4\" Boom 3/8\" Inlet

Compact & durable boom clamps make boom installation and removal easy, and can be supplied without the nut for PWM applications.



41338-00 | Combo-Rate II Nozzle Body 1\" Boom 3/8\" Inlet PWM (No Nut)

Compact & durable boom clamps make boom installation and removal easy, and can be supplied without the nut for PWM applications.

STACKING THRU/END BODIES

Combo-Rate Stacking Thru & End Bodies



41111-00 | Combo-Rate Thru Body Manual On/Off Diaphragm Check Valve

Thru-Body assemblies for use with stacking bodies and boom saddles.



41110-00 | Combo-Rate End Body Manual On/Off Diaphragm Check Valve

Thru-Body assemblies for use with stacking bodies and boom saddles.

FLUSH VALVES

Wilger boom end flush valves are engineered for sprayers



25176-00/V0 | Boom End Flush Valve 1" NPT Female (Viton)

Wilger boom end flush valves are engineered for sprayers.

With the perfect full drain, compact and chemically resistant flush valve, it fits perfectly with today's sprayers.

The QN SST flush valve fits onto quick nut stainless steel tube male thread fittings.

25175-00/V0 | Boom End Flush Valve QN SST

Wilger boom end flush valves are engineered for sprayers.

With the perfect full drain, compact and chemically resistant flush valve, it fits perfectly with today's sprayers.

QN SST flush valve that fits onto a 1/2" NPT with an attached adaptor.



25175-13 | Flush Valve Long Handle



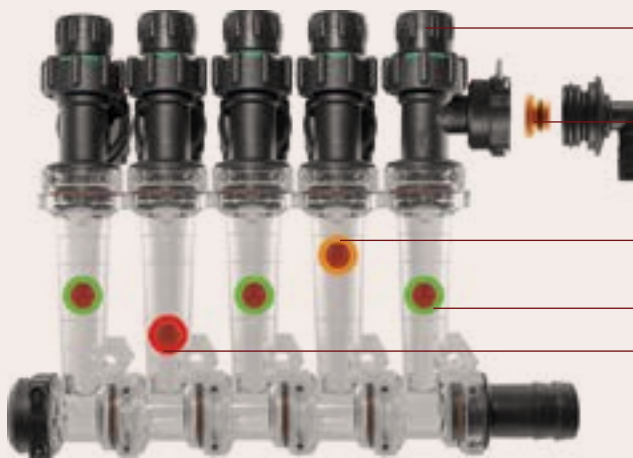
Wilger now has a boom end flush valve (BEFV) with a longer handle, which also gives a clearer indication when the valve was in open/closed position.

The new flush valve handle is completely retro-fittable to existing flush valves shorter handles, and can be easily replaced.

FLOW VIEW INDICATORS

Flow Indicators are used on Planting Equipment & Sprayers to illustrate any flow blockages

Without using electronics, the flow view indicators are a simple set-up-and-go system that ensures you can see plugs or burst lines, ensuring you can maintain a consistent liquid application.



MANUAL ON/OFF CHECK VALVES

Easy to turn off for maintenance or convert equipment to mid-row banding

LARGER METERING ORIFICES

Consistent metering & easier handling and cleaning

BALL SUSPENDED HIGHER

Indicates excess flow or leak

DESIRED FLOW

BALL SUSPENDED LOWER

Indicates blockage or plug

Example Flow Indication Overlay Colors for visual purposes only



**20460-00 | Flow View Indicator
- Standard Flow**

Wilger visual ball flow indicators let you identify any plugs or leaks so you can resolve the issue immediately.



20490-00 | Flow View Indicator – Isolated Kit

Wilger isolated flow view indicators allow single bodies or nozzles to be monitored at any given time.



20640-31221 – Flow View Indicator – 4x Row Bank

Wilger flow view indicators can be supplied as a pre-assembled 4x row bank for ease of installation and setup.

ELECTRONIC ROW-BY-ROW FLOW MONITORING SYSTEM

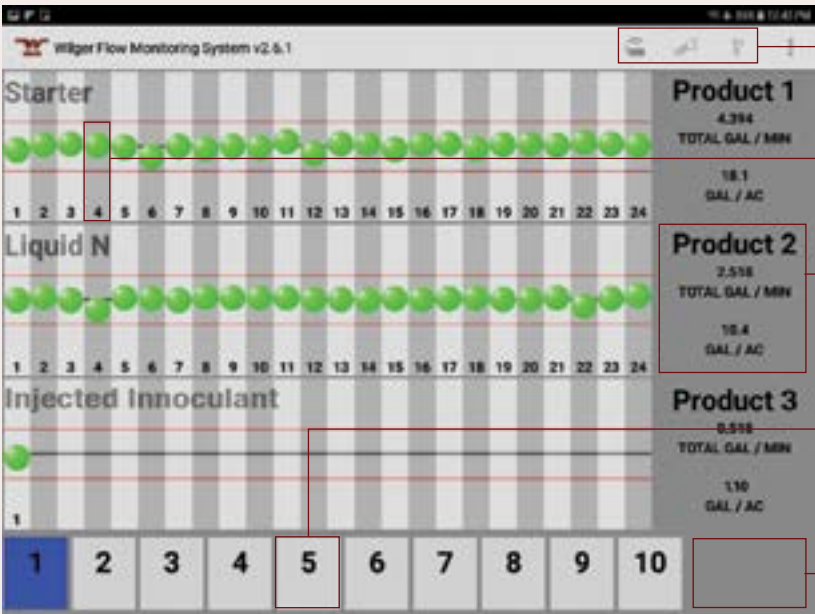
Introducing a New Row-by-Row Flow Monitoring System. It works like a charm!

One of the highest compliments you can give farm equipment is “It works.”

No fuss, no muss, it does the job it is supposed to do.

We are proud that for the last few years, applicators have had exactly that (and more) to say about the EFM system. The system worked when it was set up and ended up helping troubleshoot other equipment issues unrelated to the EFM system, saving unexpected downtime & costs.

With a customizeable app and interface based on user input, it will quickly pay itself off in value for the farm.



Simple menu and tools for setting up and customizing applications

Yellow/red balls & lines show alarm thresholds. Thresholds are customizable to any %.

Up to 3 different products/ rates can be monitored on one EFM system at the same time.

pp cycles through up to 10 sections (up to 72 sensors per page) at custom page cycle speeds.

Alarm button is mutable when sounding, and can also sound while app is running in the background.

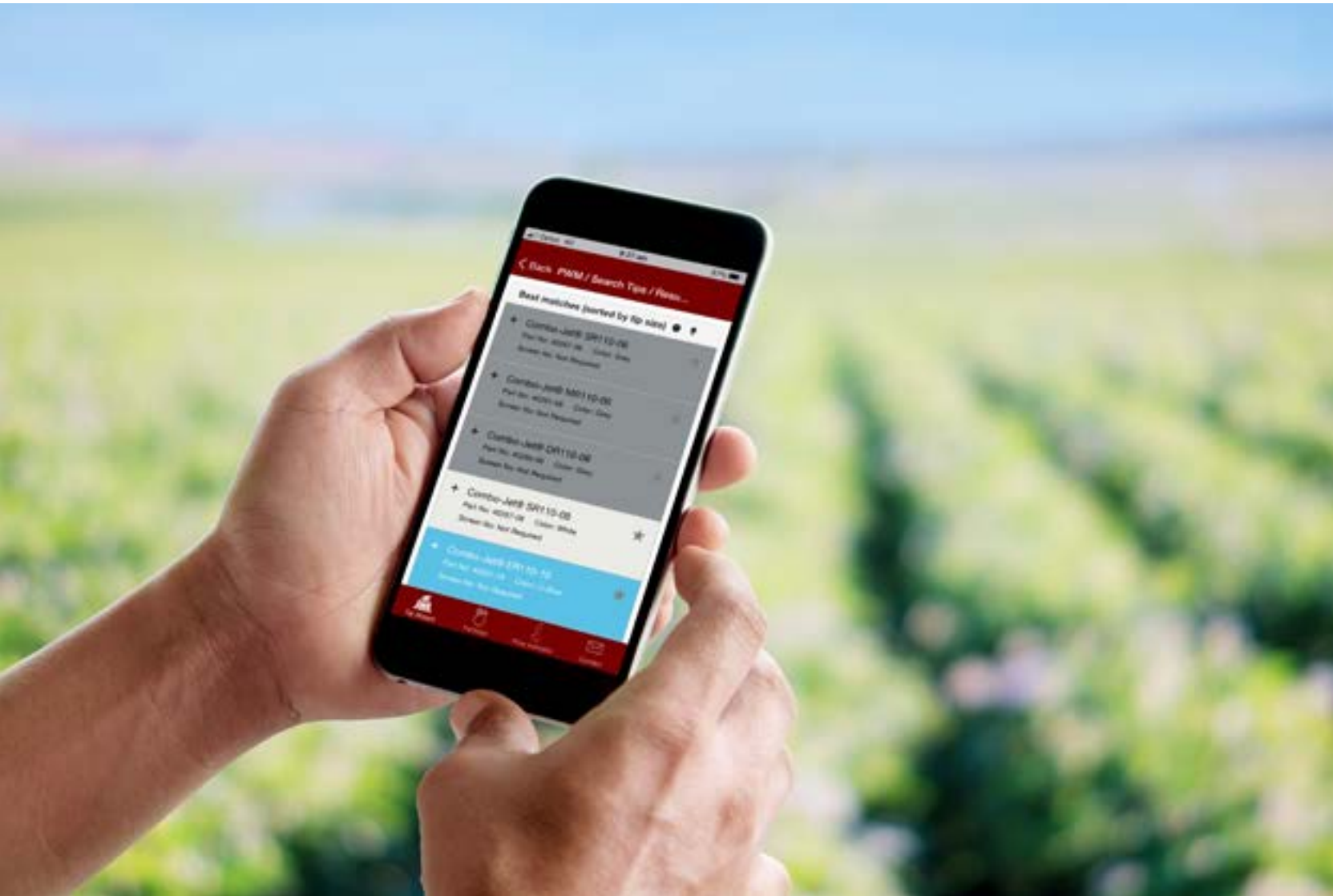
The EFM sensors are now available for an after-market installation system, which uses an android tablet in the cab to monitor the flow of up to ten sections, and up to 3 products.

TIP WIZARD

Download free App for auto-rate controlled & pulse width modulation sprayers!

Tip Wizard has new features! ORS metering orifice calculator, flow indicator ball selector, and further improved Tip Wizard spray tip search.

Tip Wizard aims to lead the industry as the best spray tip calculator for broadcast applications.



REELTUFF™ WEED SPRAY HOSE

PATENTED

Manufactured remote control hose reels in Australia by ReelTech™

The REELTUFF reel is a world-patented, all Australian designed and manufactured direct drive hose reel. Featuring unmatched flexibility in size and capacity, adaptable Reel-In-Control™ remote and a unique Non-Belt/ Chain Safe-R-Reel™ gearbox that ensures a controlled speed during rewind. It offers superior craftsmanship and quality galvanised construction, which has been proven to withstand some of the harshest environments in Australia.

REELTUFF Hose Reels can be easily installed to many vehicles with 12V power supply including Utes, ATV's, Golf Buggies, etc., and can be customised to suit your specific needs. Use as a single unit or in a mirrored configuration for dual independent hose reel setup allowing multiple operators to cover large areas in half the time.

Use REELTUFF Hose Reels with your spray equipment to enjoy the outstanding safety features, and achieve more spraying in less time and effort than conventional methods using manual reels. Benefit from the Reel-In-Control™ automatic hose rewind at a single press of a button, and the motor drive capable of safely retrieving the hose even at full extension.



MOTOR

12V (DC) High Torque electric motor direct coupled to patented gearbox.

HOSE CONNECTIONS

- Stainless Steel fluid path with high pressure swivel
- Inlet/Outlet: 1/2" NPT Female connections
- Hose Capacity: Either 50m or 100m of 1/2" (12.7mm) O.D. Hose

WARRANTY

12 Months

PRODUCT SPECIFICATIONS

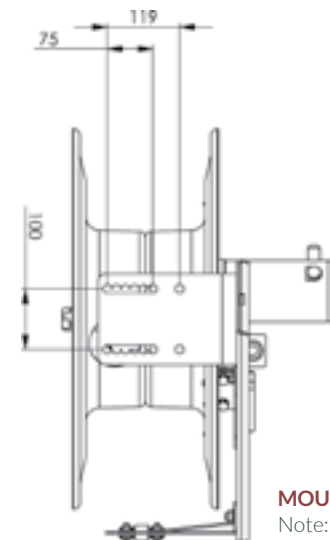
REELTUFF™ 12V HEAVY DUTY REMOTE CONTROL HOSE REEL					
PRODUCT	PART NUMBER	WIDTH/MM	HEIGHT/MM*	DEPTH/MM	WEIGHT/KG
100m Reel	147-ERT 15-220-650TGS3K-12V-SSI	445	695	680	55
50m Reel	447-ERT 15-220-475TGS3K-12V-SSI	445	545	565	45

* Dimension indicated does not include aerial height.

PRODUCT FEATURES	BENEFITS
HOT DIP GALVANISED Hot Dip Galvanised Discs & Frame as standard feature.	Offers superior corrosion and weather protection with ultimate scratch resistance over painted or powder coated reels.
STAINLESS STEEL FLUID PATH High Pressure Full Flow Swivel at no extra cost.	Ensures minimum pressure drop across the reel. Can be used with most types of chemicals, including herbicides, fungicides, pesticides, etc.
REEL-IN-CONTROL™ Wireless Long Range Remote Control comes standard. 915 MHz for AU 921 MHz for NZ	Featuring frequency hopping technology which offers powerful and reliable connection. Provides interference or jamming immunity in various undulating terrains. Allows for up to 8 transmitters to be used in the same area.
SAFE-R-REEL™ DIRECT DRIVE SYSTEM Reel Tech's patented 'Non-Belt/Chain' Safe-R-Reel™ gearbox as standard feature.	Ensures a controlled speed during rewind. The Non-Belt/Chain design makes it most reliable and safe with no maintenance required.
PIN-LOCK Comes standard to eliminate accidental unspooling of hose.	Positive locking of spool safely keeps hose & spray gun tightly on the reel when not in use and/or during transit.
50m or 100m Reels Optional 1/2" (12.7mm) O.D. and other width capacity are available upon request Hose and Spray Gun sold separately.	Ideal for roadside spraying and/or lawn maintenance of any size including parks, golf courses and urban landscapes.
FULL DISC CALL-OUT COLOUR DECALS Customisable decals available upon request	Decals can be colour coded or designed to your specifications.

EASY MOUNT COMPACT MODULAR REEL DESIGN

Fully customisable reel system. Choose from many optional features and accessories.



MOUNTING DIMENSIONS
Note: 13mm dia. holes

- Reels can be tailored specifically for the application to suit either new or after-market installations. Available options include:
- Lightweight Aluminium construction
 - Various drive options including 24V (DC) Electric, Air or Hydraulics
 - Auxiliary Manual Crank Rewind
 - EZI-DEPLOY™ - Auto De-clutching System
 - FlatWinder™ - Automatic Hose Layering System
 - Various Brake Systems and much more.

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These products may be protected by worldwide patents held by the author.

Warranty: The manufacturer will replace, repair or refund the purchase price of The Product at their option, free of charges, except transportation, if defective in their manufacture. Claims must be notified to the manufacturer in writing within 90 days of sale or shipment either of which occurs first. The Product should be returned to the place of purchase. This warranty is exclusive remedy and the Manufacturer/Distributor shall not be liable for consequential damages, injury or commercial loss. The Manufacturer/Distributor makes no warranty of fitness for a particular purpose and makes no other warranty, express or implied arising from the course of dealing or usage in trade. Specification subject to change without notice. Chemical, Temperature and pressure compatibility is the responsibility of purchaser, compatibility charts available at request. All spray nozzle / reel dimensions are approximate only and may vary from application to application and input variables. Technical assistance available. The company(s) assume no obligation / liability for any such assistance / advice, or any consequences occurring as a result of the application of such advice. Refer to our full T&C. © 2020 Spray Nozzle Engineering / Reel Tech & Associated entities Australia / New Zealand (The manufacturer).