

Antelco Group of Companies

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ANTELCO®

Dawn

Putting Water Where it Counts!®



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Rotor Rain™ *Plus* Mini Sprinkler

antelco.com

Rotor Rain™ *Plus* Mini Sprinkler

A high performance and featured range of mini sprinklers with a profiled double frame to maximise water distribution.

Features

- Anti-insect spinner design.
- Easy turn field disassembly.
- Color coded flow rates.
- Quick action frame removal for ease of field disassembly.
- 21° trajectory
- Long field life bearing and spinner.
- Standard or Deflector spinner for close in watering of young trees.
- Suspension hole for trellis applications.
- Available in 3/8" or 1/2" male threaded inlets.



Applications

Orchards, row crops, smaller vegetable plots, greenhouses and nurseries.



Rotor Rain™ *Plus* with Deflector 3/8" Male Thread



Rotor Rain™ *Plus* 1/2" Male Thread

Ordering Information - Rotor Rain™ *Plus* 3/8"

Nozzle Size & Color	Part Number Standard Spinner	Part Number w/Deflector Spinner	Pack Quantity	Packs Per Carton	Carton (lbs)
0.031" Brown	22015	22115	50	20	25.7
0.035" Dark Blue	22025	22125	50	20	25.7
0.043" Gray	22035	22135	50	20	25.7
0.047" Black	22045	22145	50	20	25.7
0.055" Orange	22055	22155	50	20	25.7
0.063" Red	22065	22165	50	20	25.7
0.071" Light Blue	22075	-	50	20	25.7
0.079" Yellow	22085	-	50	20	25.7
0.091" Purple	22095	-	50	20	25.7
0.098" Olive	22105	-	50	20	25.7

Ordering Information - Rotor Rain™ *Plus* 1/2"

Nozzle Size & Color	Part Number Standard Spinner	Part Number w/Deflector Spinner	Pack Quantity	Packs Per Carton	Carton (lbs)
0.031" Brown	21935	21975	50	18	27.1
0.035" Dark Blue	21945	21985	50	18	27.1
0.043" Gray	21955	21995	50	18	27.1
0.047" Black	21965	22005	50	18	27.1
0.055" Orange	22335	22395	50	18	27.1
0.063" Red	22345	22405	50	18	27.1
0.071" Light Blue	22355	-	50	18	27.1
0.079" Yellow	22365	-	50	18	27.1
0.091" Purple	22375	-	50	18	27.1
0.098" Olive	22385	-	50	18	27.1

Specifications

	Rotor Rain™ <i>Plus</i> 3/8"	Rotor Rain™ <i>Plus</i> 1/2"
UV STABILIZED MATERIALS	FRAME SPINNER NOZZLE acetal nylon acetal	acetal nylon acetal
BASE/CONNECTION TYPE: INLET	thread 3/8" BSPM	thread 1/2" MNPT

Recommended riser tubing sizes

Install on 5 mm Micro tubing

0.031" Brown	0.035" Dk. Blue	0.043" Gray	0.047" Black	0.055" Orange
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Install on 10 mm or 13 mm tubing

0.063" Red	0.071" Lt. Blue	0.079" Yellow	0.091" Purple	0.098" Olive
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Easy turn field disassembly

Rotor Rain™ *Plus* Mini Sprinkler



Two stage watering for targeted application



Removable Deflector Tab for two stage watering



Rotor Rain™ *Plus* Stake Assembly with 24" Tube & Self Piercing Adapter

Performance Chart

Nozzle Size & Color	Pressure (psi)	Flow (gph)	Tested at 8" above ground		
			Diameter (ft)	Stream Height (ft)	Deflector Diameter (ft)
0.031" Brown	15	5.8	12	1.0	5.2
	20	6.6	14	1.2	
	25	7.7	16	1.3	
	30	8.5	17	1.4	
	35	9.2	18	1.4	
0.035" Dark Blue	15	7.4	16	1.3	5.2
	20	9.0	18	1.6	
	25	10.0	19	1.7	
	30	11.1	19	1.8	
	35	11.9	20	1.8	
0.043" Gray	15	11.6	16	0.8	5.4
	20	13.5	18	1.0	
	25	15.3	19	1.3	
	30	16.6	19	1.2	
	35	18.0	20	1.2	
0.047" Black	15	14.3	19	1.2	7.2
	20	16.4	20	1.3	
	25	18.5	20	1.3	
	30	20.1	20	1.3	
	35	21.7	20	1.3	
0.055" Orange	15	18.8	20	1.2	6.9
	20	21.9	20	1.3	
	25	24.8	21	1.4	
	30	27.2	21	1.5	
	35	29.6	21	1.5	
0.063" Red	15	25.4	21	1.2	6.2
	20	29.3	23	1.3	
	25	33.0	24	1.5	
	30	36.5	24	1.4	
	35	39.1	25	1.3	
0.071" Light Blue	15	32.2	22	1.6	N/A
	20	37.8	25	1.6	
	25	42.3	26	1.7	
	30	46.5	27	1.8	
	35	50.2	27	1.7	
0.079" Yellow	15	39.9	28	2.8	N/A
	20	46.5	32	2.9	
	25	52.0	34	3.2	
	30	57.3	35	3.3	
	35	62.1	35	3.3	
0.091" Purple	15	53.4	29	2.2	N/A
	20	62.3	32	2.3	
	25	70.0	33	2.4	
	30	77.4	34	2.5	
	35	84.0	34	2.5	
0.098" Olive	15	63.9	30	1.8	N/A
	20	73.4	34	2.5	
	25	82.4	35	2.5	
	30	90.6	36	2.4	
	35	98.3	35	2.3	

Ordering Information - Rotor Rain™ *Plus* 3/8" Stake Assembly with 24" Tube & Adapter

Nozzle Size & Color	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
0.031" Brown - Standard Spinner	56175	10	8	11.7
0.035" Dark Blue - Standard Spinner	56185	10	8	11.7
0.043" Gray - Standard Spinner	56195	10	8	11.7
0.047" Black - Standard Spinner	56205	10	8	11.7
0.055" Orange - Standard Spinner	56215	10	8	11.7
0.063" Red - Standard Spinner	56225	10	8	11.7
0.031" Brown w/ Deflector Spinner	56275	10	8	12.5
0.035" Dark Blue w/ Deflector Spinner	56285	10	8	12.5
0.043" Gray w/ Deflector Spinner	56295	10	8	12.5
0.047" Black w/ Deflector Spinner	56305	10	8	12.5
0.055" Orange w/ Deflector Spinner	56315	10	8	12.5
0.063" Red w/ Deflector Spinner	56265	10	8	12.5

Rotor Rain™ *Plus* Pressure Compensating

The Rotor Rain™ *Plus* Pressure Compensating sprinkler provides even sprinkler performance for all sprinklers on the same lateral line over long rows and on undulating terrain, delivering a more even application of water, fertilizers and chemicals through each sprinkler

Features

- Pressure compensating for consistent output with varying inlet pressures.
- Aerofoil frame profile for strength and distribution uniformity.
- Snap-off deflector option for young trees.
- 21° trajectory
- Suspension hole for trellis applications
- Color coded bases for easy flow rate identification.
- Easily disassembled for in-field maintenance.
- High grade silicone diaphragm for long service life.



Applications

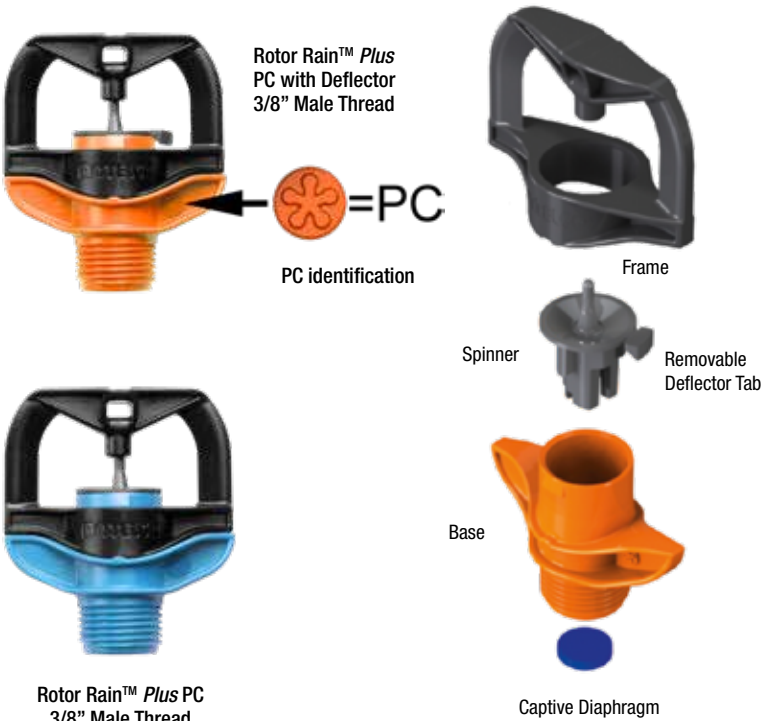
Orchards and row crops where input pressure varies or terrain is undulating.

Ordering Information - Rotor Rain™ *Plus* PC 3/8" Male Thread

Nozzle Size & Color	Part Number Standard Spinner	Part Number w/Deflector Spinner	Pack Quantity	Packs Per Carton	Carton (lbs)
0.031" Brown	32215	32315	50	20	25.7
0.035" Dark Blue	32225	32325	50	20	25.7
0.043" Gray	32235	32335	50	20	25.7
0.047" Black	32245	32345	50	20	25.7
0.055" Orange	32255	32355	50	20	25.7
0.063" Red	32265	32365	50	20	25.7
0.071" Light Blue	32275	32375	50	20	25.7
0.079" Yellow	32285	32385	50	20	25.7
0.091" Purple	32295	32395	50	20	25.7
0.098" Olive	32305	32405	50	20	25.7

Specifications

Roto Rain™ <i>Plus</i> 3/8"		
UV STABILIZED MATERIAL	FRAME SPINNER NOZZLE DIAPHRAGM	acetal nylon acetal silicone rubber
BASE/CONNECTION TYPE: INLET		thread 3/8" BSPM



Performance Chart

Nozzle Size & Color	Pressure (psi)	Flow (gph)	Tested 10" above ground		
			Diameter (ft)	Stream Height (ft)	Deflector Diameter (ft)
0.031" Brown PC	20	5.7	17	1.6	5.2
	35	7.2	20	1.8	
	50	7.0	20	1.9	
	60	6.5	19	1.8	
0.035" Dark Blue PC	20	7.3	19	1.8	5.6
	35	9.0	21	2.1	
	50	8.8	20	2.0	
	60	8.3	19	1.8	
0.043" Gray PC	20	10.9	19	1.8	6.6
	35	12.8	24	2.1	
	50	12.7	23	2.0	
	60	12.3	21	2.0	
0.047" Black PC	20	13.4	20	2.0	7.2
	35	15.2	26	2.3	
	50	14.8	25	2.2	
	60	13.9	25	2.1	
0.055" Orange PC	20	17.2	22	2.1	7.2
	35	18.0	24	2.3	
	50	17.6	24	2.1	
	60	16.6	23	2.1	
0.063" Red PC	20	19.8	23	2.1	7.2
	35	21.5	24	2.3	
	50	20.7	24	2.1	
	60	19.6	23	2.1	
0.071" Light Blue PC	20	21.4	18	1.8	7.2
	35	23.7	20	2.0	
	50	23.2	18	1.9	
	60	22.6	17	1.8	
0.079" Yellow PC	20	23.5	20	1.9	4.0
	35	24.4	19	2.0	
	50	25.3	20	2.0	
	60	25.3	20	1.9	
0.091" Purple PC	20	25.4	16	1.6	3.9
	35	26.9	16	1.6	
	50	27.1	16	1.6	
	60	26.6	16	1.6	
0.098" Olive PC	20	32.6	17	1.9	4.2
	35	35.4	18	2.0	
	50	36.1	18	2.0	
	60	35.6	18	1.9	

Ordering Information - Rotor Rain™ *Plus* PC Stake Assembly w/24" Tube & Adapter

Nozzle Size & Color	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
0.031" Brown - Standard Spinner	56325	10	8	11.7
0.035" Dark Blue - Standard Spinner	56335	10	8	11.7
0.043" Gray - Standard Spinner	56345	10	8	11.7
0.047" Black - Standard Spinner	56355	10	8	11.7
0.055" Orange - Standard Spinner	56365	10	8	11.7
0.063" Red - Standard Spinner	56375	10	8	11.7
0.071" Light Blue - Standard Spinner	56385	10	8	11.7
0.079" Yellow - Standard Spinner	56395	10	8	11.7
0.091" Purple - Standard Spinner	56405	10	8	11.7
0.098" Olive - Standard Spinner	56415	10	8	11.7
0.031" Brown w/ Deflector Spinner	56425	10	8	12.5
0.035" Dark Blue w/ Deflector Spinner	56435	10	8	12.5
0.043" Gray w/ Deflector Spinner	56445	10	8	12.5
0.047" Black w/ Deflector Spinner	56455	10	8	12.5
0.055" Orange w/ Deflector Spinner	56465	10	8	12.5
0.063" Red w/ Deflector Spinner	56475	10	8	12.5
0.071" Light Blue w/ Deflector Spinner	56485	10	8	12.5
0.079" Yellow w/ Deflector Spinner	56495	10	8	12.5
0.091" Purple w/ Deflector Spinner	56505	10	8	12.5
0.098" Olive w/ Deflector Spinner	56515	10	8	12.5

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Sprinkler Accessories

A range of accessories to install Rotor Rain™, and other industry standard 3/8" threaded micro sprinklers.



Sprinkler Adapter

Perfect for suspended trellis wire installations, this adapter comes in 5 mm, 10 mm, and 13 mm barb sizes.



Rotor Stake™

Rotor Stake™ is designed for securing 3/8" threaded micro mini sprinklers. The stake includes a retaining hole to keep tube firmly in place near the stake. The tube piercing point allows for hole punch installation.



Rod Stake Sprinkler Adapter

Ideal for 0.2" (5 mm) OD fibreglass or steel rod applications, available in 5 mm and 10 mm barb sizes.



Collar Pipe Sprinkler Adapter

Designed for 1.0" OD uPVC or Galvanized riser installations (26.7 mm OD), this adapter is available in 5 mm, 10 mm, and 13 mm barb sizes.



Rotor Rain™ Plus Socket Driver

Using a low speed torque controlled drill, simply slip the aluminium Socket Driver over sprinkler heads for easy installation into threaded stakes and risers.

Sprinklers Accessories

Ordering Information - Installation Tool

Description	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Socket Driver for Rotor Rain™ Plus	51905	1	180	37.9

Ordering Information - Rotor Stake™ 3/8" Female Thread

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Rotor Stake™ x 5 mm barb adapter	40555	25	6	11.2
Rotor Stake™ x 10 mm barb adapter	40515	25	6	11.4
Rotor Stake™ x 13 mm barb adapter	40535	25	6	11.7
Rotor Stake™ x 24" (5mm) tube & 0.16" barb Self Piercing Adapter	50695	15	6	11.7

Ordering Information - Sprinkler Adapter 3/8" Female Thread

Description	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Sprinkler Adapter 3/8" Female Thread x 5 mm	40755	50	40	15.0
Sprinkler Adapter 3/8" Female Thread x 10 mm	40715	50	34	14.7
Sprinkler Adapter 3/8" Female Thread x 13 mm	40735	50	30	13.6

Ordering Information - Collar Pipe Sprinkler Adapter 3/8" Female Thread

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Collar Pipe Sprinkler Adapter x 5 mm barb	40655	50	10	12.1
Collar Pipe Sprinkler Adapter x 10 mm barb	40615	50	10	12.3
Collar Pipe Sprinkler Adapter x 13 mm barb	40635	50	10	12.8

Ordering Information - Rod Stake Sprinkler Adapter 3/8" Female Thread

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Rod Stake Sprinkler Adapter 3/8" Female Thread x 5 mm barb	40815	50	35	15.6
Rod Stake Sprinkler Adapter 3/8" Female Thread x 10 mm barb	40855	50	24	12.3



Socket Driver for Rotor Rain™ Plus



Rotor Stake™



Rotor Stake™ with Tube and Self Piercing Adapter



Sprinkler Adapter



Collar Pipe Sprinkler Adapter



Rod Stake Sprinkler Adapter