

Putting Water Where it Counts![®]



Rotor Rain[®] Mini Sprinkler

Made in Australia

antelco.com

Rotor Rain[®] Mini Sprinklers

Low trajectory larger droplet mini sprinkler available in a range of flow rates and thread types.

Features

- C-frame design for high distribution uniformity.
- Full flow flipper suspended between two bearings for reliable performance.
- 23° trajectory
- Colour coded nozzles to identify flow rates.
- Break-off spray deflector.
- UV stabilised materials for long life.
- Available in 3/8" or 1/2" male threaded inlets.
- Stake assemblies includes self piercing adaptor for easy installation into lateral tubing. **NEW**



Applications

Vines, row and tree crops such as nuts, citrus and apples. **Accessories:** Rotor Stakes and adaptors.



Ordering Information - Rotor Rain[®] 3/8" Male Thread

| Nozzle Size & Colour | Order Code | Pack Quantity | Packs Per Carton | Carton (kg) |
|----------------------|------------|---------------|------------------|-------------|
| 0.9 mm Black | 20625 | 50 | 28 | 11.8 |
| 1.0 mm White | 20635 | 50 | 28 | 11.8 |
| 1.2 mm Brown | 20645 | 50 | 28 | 11.8 |
| 1.5 mm Green | 20335 | 50 | 28 | 11.8 |
| 1.7 mm Blue | 20315 | 50 | 28 | 11.8 |
| 1.9 mm Grey | 20345 | 50 | 28 | 11.8 |
| 2.0 mm Yellow | 20395 | 50 | 28 | 11.8 |
| 2.1 mm Olive | 20385 | 50 | 28 | 11.8 |
| 2.4 mm Red | 20355 | 50 | 28 | 11.8 |
| 2.6 mm Orange | 20375 | 50 | 28 | 11.8 |
| 2.8 mm Purple | 20365 | 50 | 28 | 11.8 |

Ordering Information - Rotor Rain[®] 1/2" Male Thread

| Nozzle Size & Colour | Order Code | Pack Quantity | Packs Per Carton | Carton (kg) |
|----------------------|------------|---------------|------------------|-------------|
| 0.9 mm Black | 20655 | 50 | 20 | 11.4 |
| 1.0 mm White | 20665 | 50 | 20 | 11.4 |
| 1.2 mm Brown | 20675 | 50 | 20 | 11.4 |
| 1.5 mm Green | 20535 | 50 | 20 | 11.4 |
| 1.7 mm Blue | 20515 | 50 | 20 | 11.4 |
| 1.9 mm Grey | 20545 | 50 | 20 | 11.4 |
| 2.0 mm Yellow | 20595 | 50 | 20 | 11.4 |
| 2.1 mm Olive | 20585 | 50 | 20 | 11.4 |
| 2.4 mm Red | 20555 | 50 | 20 | 11.4 |
| 2.6 mm Orange | 20575 | 50 | 20 | 11.4 |
| 2.8 mm Purple | 20565 | 50 | 20 | 11.4 |

Specifications

| | Roto Rain [®] 3/8" | Roto Rain [®] 1/2" |
|-----------------------------|---|-----------------------------|
| UV STABILISED MATERIALS | FRAME FLIPPER NOZZLE acetal nylon acetal | acetal nylon acetal |
| BASE/CONNECTION TYPE: INLET | thread 3/8" BSPM | thread 1/2" MNPT |



* Refer to pages 42 & 43 for Sprinkler Accessories.

Rotor Rain® Stake Assembly with 600 mm Tube & Self Piercing Adaptor

Performance Chart - Rotor Rain®

| | Pressure (kPa) | Flow (lph) | Tested 0.2 m above ground | | |
|----------------------|----------------|------------|---------------------------|-------------------|------------------------|
| | | | Diameter (m) | Stream Height (m) | Deflector Diameter (m) |
| 0.9 mm Black | 100 | 30 | 3.5 | 0.3 | |
| | 150 | 37 | 3.9 | 0.3 | 2.2 |
| | 200 | 43 | 4.1 | 0.3 | |
| | 250 | 48 | 4.3 | 0.4 | |
| 1.0 mm White | 100 | 35 | 4.4 | 0.4 | |
| | 150 | 43 | 5.5 | 0.4 | 2.5 |
| | 200 | 50 | 6.1 | 0.4 | |
| | 250 | 57 | 6.3 | 0.5 | |
| 1.2 mm Brown | 100 | 54 | 4.5 | 0.4 | |
| | 150 | 66 | 5.6 | 0.4 | 2.2 |
| | 200 | 77 | 6.2 | 0.4 | |
| | 250 | 86 | 6.3 | 0.4 | |
| 1.5 mm Green | 100 | 77 | 7.8 | 0.5 | |
| | 150 | 94 | 8.7 | 0.5 | 2.8 |
| | 200 | 110 | 9.1 | 0.6 | |
| | 250 | 120 | 8.5 | 0.7 | |
| 1.7 mm Blue | 100 | 100 | 8.6 | 0.7 | |
| | 150 | 125 | 9.3 | 0.7 | 2.8 |
| | 200 | 145 | 9.6 | 0.8 | |
| | 250 | 163 | 9.3 | 0.9 | |
| 1.9 mm Grey | 100 | 125 | 8.9 | 0.7 | |
| | 150 | 153 | 10.2 | 0.8 | 2.8 |
| | 200 | 178 | 9.8 | 0.8 | |
| | 250 | 200 | 10.0 | 0.9 | |
| 2.0 mm Yellow | 100 | 147 | 10.0 | 0.6 | |
| | 150 | 183 | 11.0 | 0.8 | 3.0 |
| | 200 | 215 | 11.2 | 0.9 | |
| | 250 | 240 | 11.0 | 1.0 | |
| 2.1 mm Olive | 100 | 168 | 10.7 | 0.7 | |
| | 150 | 205 | 11.6 | 0.8 | 3.0 |
| | 200 | 235 | 11.8 | 0.9 | |
| | 250 | 265 | 11.4 | 0.9 | |
| 2.4 mm Red | 100 | 195 | 11.0 | 0.6 | |
| | 150 | 240 | 12.5 | 0.9 | 3.2 |
| | 200 | 280 | 12.5 | 1.0 | |
| | 250 | 315 | 12.1 | 1.0 | |
| 2.6 mm Orange | 100 | 245 | 10.9 | 0.7 | |
| | 150 | 300 | 11.9 | 0.8 | 3.2 |
| | 200 | 350 | 12.1 | 0.9 | |
| | 250 | 395 | 12.0 | 1.0 | |
| 2.8 mm Purple | 100 | 265 | 11.2 | 0.8 | |
| | 150 | 330 | 12.8 | 0.9 | 4.0 |
| | 200 | 385 | 13.0 | 1.0 | |
| | 250 | 430 | 12.4 | 1.1 | |

Ordering Information - Rotor Rain® Stake Assembly w/ 600 mm Tube & Adaptor

| Nozzle Size & Colour | Order Code | Pack Quantity | Packs Per Carton | Carton (kg) |
|----------------------|------------|---------------|------------------|-------------|
| 0.9 mm Black | 43805 | 10 | 10 | 7.0 |
| 1.0 mm White | 43885 | 10 | 10 | 7.0 |
| 1.2 mm Brown | 43825 | 10 | 10 | 7.0 |
| 1.5 mm Green | 43835 | 10 | 10 | 7.0 |

Recommended riser tubing sizes

Install on 5 mm Micro tubing

| | | | |
|--------------|--------------|--------------|--------------|
| 0.9 mm Black | 1.0 mm White | 1.2 mm Brown | 1.5 mm Green |
|--------------|--------------|--------------|--------------|

Install on 10 mm or 13 mm tubing

| | | | | | | |
|-------------|-------------|---------------|--------------|------------|---------------|---------------|
| 1.7 mm Blue | 1.9 mm Grey | 2.0 mm Yellow | 2.1 mm Olive | 2.4 mm Red | 2.6 mm Orange | 2.8 mm Purple |
|-------------|-------------|---------------|--------------|------------|---------------|---------------|

Sprinkler Accessories

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



Sprinkler Adaptor

Perfect for suspended trellis wire installations, the sprinkler adaptor is available in 5 mm, 10 mm, and 13 mm barb sizes, or pre-assembled with 4 mm ID tube in 600 mm, 900 mm, and 1200 mm tube lengths.



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 Adaptor

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

Collar Pipe Sprinkler Adaptor

Designed for 20 mm uPVC or Galvanised riser installations (26.7 mm OD), this adaptor is available in 5 mm, 10 mm, and 13 mm barb sizes.



Socket Driver for Rotor Rain[®] Plus

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

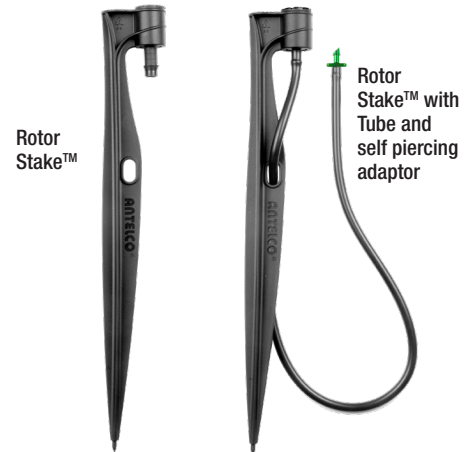
Ordering Information - Installation Tool

| Description | Order Code | Pack Quantity | Packs Per Carton | Carton (kg) |
|------------------------------------|------------|---------------|------------------|-------------|
| Socket Driver for Rotor Rain® Plus | 51905 | 1 | 180 | 17.2 |



Ordering Information - Rotor Stake™ 3/8" BSPF

| Type | Order Code | Pack Quantity | Packs Per Carton | Carton (kg) |
|--|------------|---------------|------------------|-------------|
| Rotor Stake™ 3/8" BSPF x 5 mm barb | 40555 | 25 | 6 | 5.1 |
| Rotor Stake™ 3/8" BSPF x 10 mm barb | 40515 | 25 | 6 | 5.2 |
| Rotor Stake™ 3/8" BSPF x 13 mm barb | 40535 | 25 | 6 | 5.3 |
| Rotor Stake™ 3/8" BSPF with 600 mm tube & self piercing adaptor | 40675 | 25 | 4 | 5.9 |
| Rotor Stake™ 3/8" BSPF with 900 mm tube & self piercing adaptor | 40685 | 25 | 4 | 6.9 |
| Rotor Stake™ 3/8" BSPF with 1200 mm tube & self piercing adaptor | 40695 | 25 | 3 | 6.0 |



Ordering Information - Sprinkler Adaptor 3/8" BSPF

| Description | Order Code | Pack Quantity | Packs Per Carton | Carton (kg) |
|--|------------|---------------|------------------|-------------|
| Sprinkler Adaptor 3/8" BSPF x 5 mm barb | 40755 | 50 | 40 | 6.8 |
| Sprinkler Adaptor 3/8" BSPF x 10 mm barb | 40715 | 50 | 34 | 6.7 |
| Sprinkler Adaptor 3/8" BSPF x 13 mm barb | 40735 | 50 | 30 | 6.2 |



Ordering Information - Collar Pipe Sprinkler Adaptor 3/8" BSPF

| Type | Order Code | Pack Quantity | Packs Per Carton | Carton (kg) |
|--|------------|---------------|------------------|-------------|
| Collar Pipe Sprinkler Adaptor x 5 mm barb | 40655 | 50 | 10 | 5.5 |
| Collar Pipe Sprinkler Adaptor x 10 mm barb | 40615 | 50 | 10 | 5.6 |
| Collar Pipe Sprinkler Adaptor x 13 mm barb | 40635 | 50 | 10 | 5.8 |



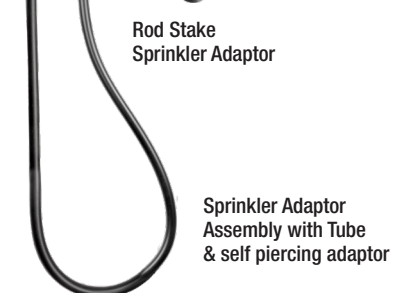
Ordering Information - Rod Stake Sprinkler Adaptor 3/8" BSPF

| Type | Order Code | Pack Quantity | Packs Per Carton | Carton (kg) |
|--|------------|---------------|------------------|-------------|
| Rod Stake Sprinkler Adaptor 3/8" BSPF x 5 mm barb | 40815 | 50 | 35 | 7.1 |
| Rod Stake Sprinkler Adaptor 3/8" BSPF x 10 mm barb | 40855 | 50 | 24 | 5.6 |



Ordering Information - Sprinkler Adaptor Assembly with Tube & Adaptor

| Type | Order Code | Pack Quantity | Packs Per Carton | Carton (kg) |
|--|------------|---------------|------------------|-------------|
| Sprinkler Adaptor Assembly 3/8" BSPF with 600 mm tube | 43195 | 25 | 12 | 8.1 |
| Sprinkler Adaptor Assembly 3/8" BSPF with 900 mm tube | 43205 | 25 | 8 | 9.2 |
| Sprinkler Adaptor Assembly 3/8" BSPF with 1200 mm tube | 43215 | 25 | 8 | 9.5 |



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