Installation Guide

Pressure Compensating Drip Kit

Pressure Compensating Spike Emitters

ANTELCO®

KIT CONTENTS

x5	PC Drip Spike 0.5 gph (2 lph) Red	x10	PC Drip Spike 1 gph (4 lph) Black	x5	PC Drip Spike 2 gph (8 lph) Green	x1	Goof (Repair) Plugs (rack of 10)
x20	Joiner 0.16” (4 mm)	x10	Tee 0.16” (4 mm)	x1	Key Punch	x1	Flexible Tube 1/4” (4 mm) - 60ft. (20 m) Roll

1 PLANNING YOUR SYSTEM

- Plan your layout before installation — decide where the tubing will run, where cuts will be made, and where emitters will be positioned.
- Identify your water source and measure the distance to your garden to ensure you have enough tubing for the installation.
- Position emitters close to the plant root zone for efficient and targeted watering.
- Consider plant spacing and water requirements when placing emitters to ensure even coverage.
- Avoid running tubing across paths or high-traffic areas where it may be damaged.



! NOTE: For best results, install a filter to help prevent blockages and maintain optimum performance.

PERFORMANCE CHART

Pressure		Flow					
kPa	psi	2 lph	0.5 gph	4 lph	1 gph	8 lph	2 gph
100	15	2.3	0.62	4.3	1.11	7.8	2.08
150	20	2.3	0.61	4.4	1.14	8.0	2.13
200	30	2.3	0.62	4.6	1.21	8.2	2.19

Pattern



Drip

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Choose the right solution for your plants - from pots and containers to garden beds and large areas.

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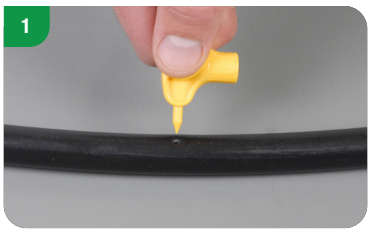
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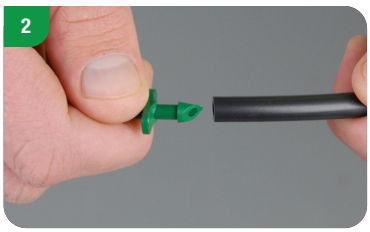
PRO TIPS!

- Plan your watering schedule — watering early morning or late afternoon helps reduce evaporation and improve water efficiency.
- Use a pressure regulator on the garden faucet, or on your hose timer if installed, to ensure correct operating pressure.

2 CONNECT TO 1/2” (13 MM) I.D SUPPLY TUBE



Use the Key Punch supplied to create a clean hole in the Supply Tubing (lateral) where the emitter is required.



Push the Feeder Tube firmly onto one end of the Joiner.



Insert the other end of the Joiner into the pre-punched hole in the Supply Tubing and push firmly into place.



Cut the Feeder Tube to the desired length based on the distance to the plant.



Push the cut end of the Feeder Tube onto the barbed inlet of the Dripper Spike.



If you change the emitter position or need to block a hole, insert a Goof Plug into the opening.

3 INSTALLING EMITTERS



Insert the Dripper Spike into the soil near the plant, positioning it to effectively water the root zone.



To redirect the tube, use a Tee fitting to branch off the Feeder Tube and connect additional Drippers.

PRO TIP!

Adjust watering frequency based on your soil type and weather conditions. Sandy soils dry out faster than clay soils.

