



Installation Guidelines

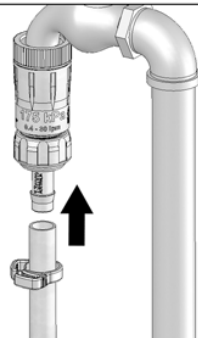
The following are recommended guidelines for installation practices for Antelco Micro Irrigation system.

INSTALLING A PRESSURE REGULATOR TO A TAP OR TAP TIMER

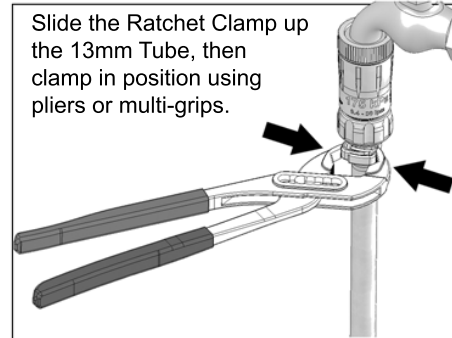
Screw the Pressure Regulator on to your tap then screw the Nut & Tail on to the end of the regulator.



Slip a Ratchet Clamp over one end of your 13mm Tube, then push the end of the Tube onto the barb on the Tap Adaptor.

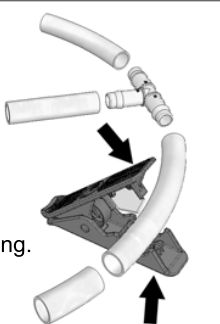


Slide the Ratchet Clamp up the 13mm Tube, then clamp in position using pliers or multi-grips.



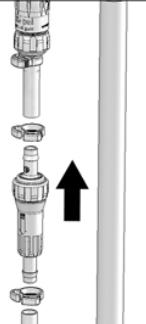
CUTTING TUBE

Use a red Antelco Tube Cutter when you need to cut your Tube to insert a fitting. Keep fingers clear of the sharp blade. This tool will also cut 4mm Micro Tubing.



INSTALLING A FILTER

For easy access, install your Filter just below the Nut & Tail. Cut the Tube, then push the Filter barbs into the Tube. Make sure the arrow on the Filter points downwards. Use Ratchet Clamps over each end of the Filter and clamp in position using pliers or multi-grips.



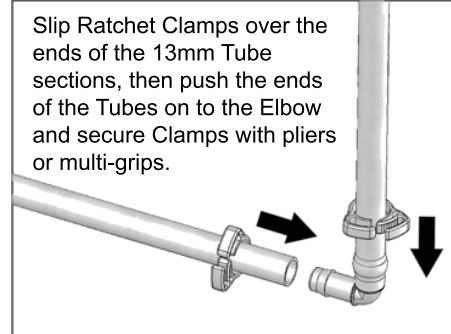
CLEANING A FILTER

To clean the Filter, unscrew the nut and remove the internal screen from the Filter body. Wash the screen with running water, then insert back into the Filter body, and screw the nut back on top.

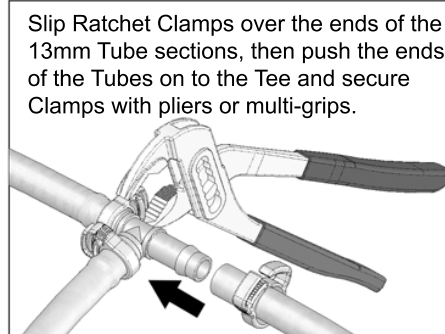


INSTALLING 13MM TEES AND ELBOWS

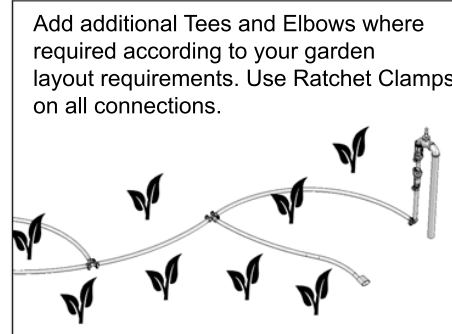
Slip Ratchet Clamps over the ends of the 13mm Tube sections, then push the ends of the Tubes on to the Elbow and secure Clamps with pliers or multi-grips.



Slip Ratchet Clamps over the ends of the 13mm Tube sections, then push the ends of the Tubes on to the Tee and secure Clamps with pliers or multi-grips.

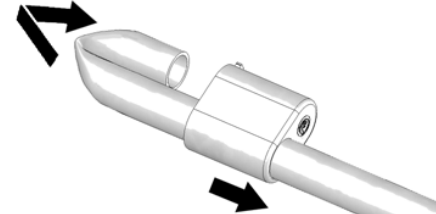


Add additional Tees and Elbows where required according to your garden layout requirements. Use Ratchet Clamps on all connections.



INSTALLING END SLEEVES

Seal the end of your 13mm Tube by sliding the End Sleeve on to the end of your Tube, then fold approximately 40mm of the end of the Tube back over on itself.

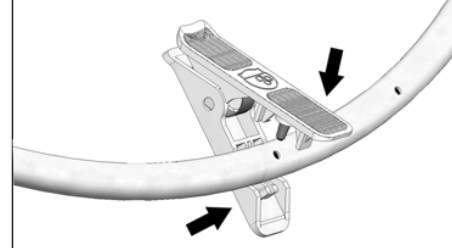


Slide the End Sleeve back over the bent end of the 13mm Tube to hold it in the folded position. If you need to flush dirt out of your lines, you can slide the End Sleeve off again to clean the Tube.



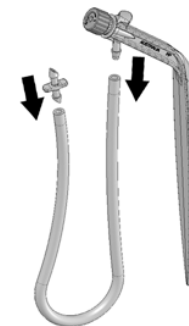
PUNCHING HOLES IN 13mm TUBE

Create holes in the sides of your 13mm Tube using the yellow Antelco Tube Punch.



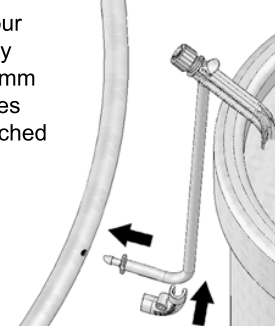
INSTALLING POTSTREAM™ DRIPPERS

Cut a length of 4mm Micro Tube to suit the location of your pot plant, then push a 4mm Joiner into one end of the tube and a Potstream into the other.



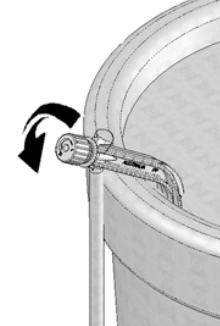
Connect to your 13mm Tube by pushing the 4mm joiner into holes you have punched in the Tube.

Clip on a Tidy Bow Elbow to keep tube neatly beside your pots.



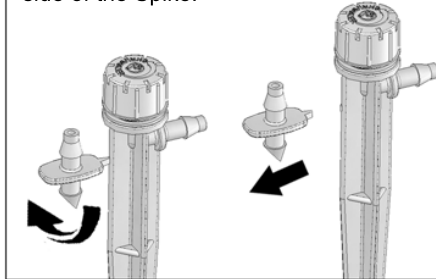
Adjust the water application rate to suit the size of pot or plant type by rotating the knob.

The knob can also be fully closed to stop the flow.



INSTALLING SHRUBBLER®, SPECTRUM™ OR BUBBLER SPIKES

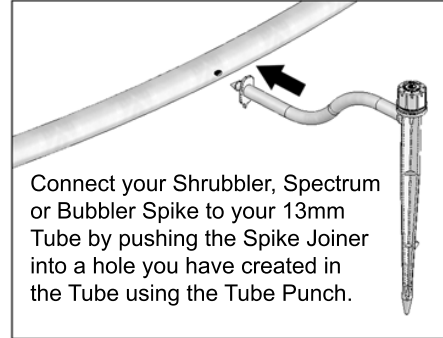
Twist off the Spike Joiner attached to the side of the Spike.



Cut 4mm Micro Tube to a suitable length for each plant location. Push the Spike Joiner into one end of the Tube, then push the Shrubbler, Spectrum or Bubbler Spike into the other end of the Tube.

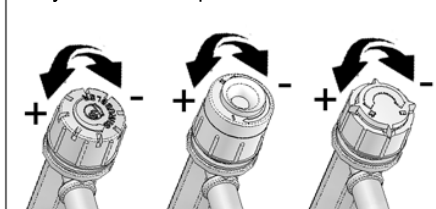


Connect your Shrubbler, Spectrum or Bubbler Spike to your 13mm Tube by pushing the Spike Joiner into a hole you have created in the Tube using the Tube Punch.



INSTALLING ASTA® DRIP SPIKES

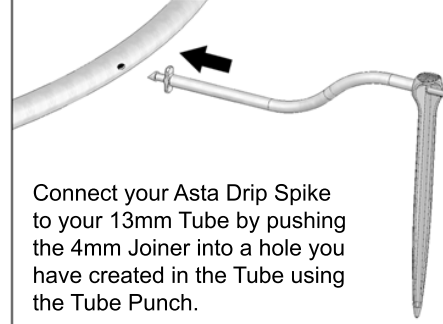
Adjust the water application rate of your Shrubbler, Spectrum or Bubbler Spike by rotating the cap. The cap can also be fully closed to stop flow.



Cut 4mm ID Tube to a suitable length for each plant location. Push a 4mm Joiner into one end of the Tube, then push the other end of the Tube onto the Asta Drip Spike.

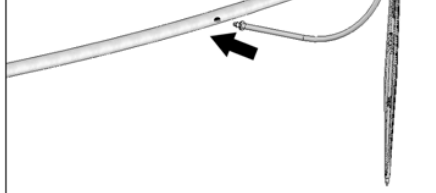


Connect your Asta Drip Spike to your 13mm Tube by pushing the 4mm Joiner into a hole you have created in the Tube using the Tube Punch.

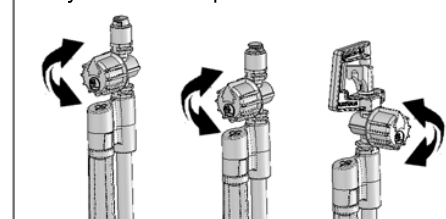


INSTALLING 90°, 180° AND 360° VARI-JET™ SPIKES

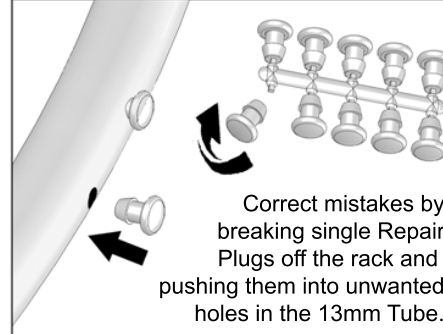
Connect your Vari-Jet™ Spike to your 13mm Tube by pushing the 4mm Joiner into a hole you have created in the Tube using the Tube Punch.



Adjust the water application rate of your Vari-Jet™ 90°, 180° or 360° Spikes by rotating the knob. The knob can also be fully closed to stop flow.



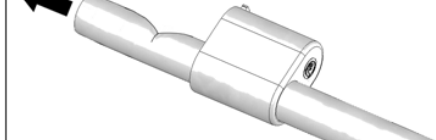
REPAIRING WRONGLY PUNCHED HOLES



Correct mistakes by breaking single Repair Plugs off the rack and pushing them into unwanted holes in the 13mm Tube.

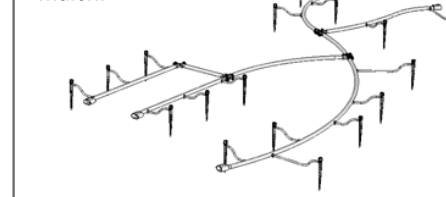
FLUSHING THE SYSTEM

After completing your irrigation installation, slide the End Sleeves off each end of tube and turn on the water supply to flush out any dirt or other contaminants that may have entered the system. Then fold the tube ends back over and retain with the End Sleeves.



INSPECTING THE SYSTEM

After flushing your system and resealing the tube ends, turn the water back on and check for leaks before covering with mulch.



RESTRAINING THE SYSTEM

