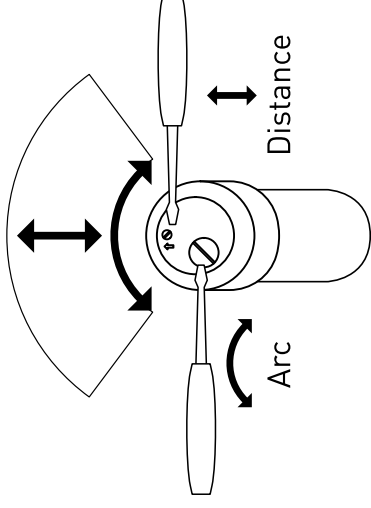


STEP 9

Adjust Your Sprinklers

Watch each sprinkler head as it rotates to ensure desired coverage. You can also improve your coverage by moving sprinkler heads, or adjusting the sprinkler with a flat head screw driver.

See the enclosed Saturn III, Gear Drive Sprinkler manual for complete instructions on how to adjust the sprinkler head.

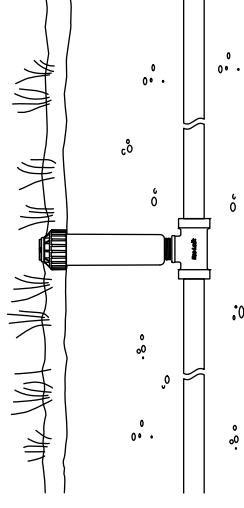


STEP 10

Digging

Once you are satisfied with your system coverage, it is time to dig down to bury the pipe.

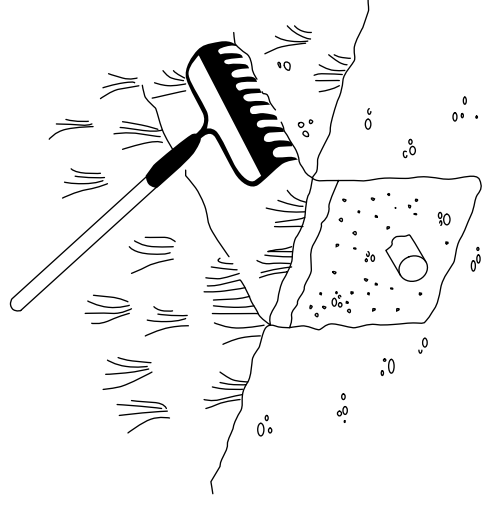
- Start by removing your sod, dig down a few inches in rectangular or square shapes and pry up your sod. Set the sod aside so that it can be put back in place later.
- Dig down through your soil a total of eight inches. The top of the sprinkler head should be level with the ground.
- Auto-Drains should be installed at the lowest elevation point in the system so that water can properly drain from it. Dig the auto-drain locations deeper than the rest of your pipe.



STEP 11

Clean Up

Bury your trenches. Shovel and rake soil back into the trench it came from, making sure to compact your trench so soil will not settle and create a trip hazard in your yard. Replace sod back over your trenches. Clean up any extra material from your yard.



STEP 12

Program Your Timer

See the included timer instruction manual on how to program your timer.

Complete Sprinkler

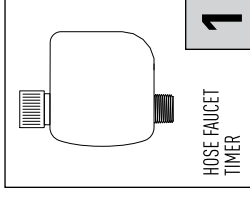
For instructions in Spanish, visit Para instrucciones en español, visit [www.horngardens.com](#)

⚠ WARNING: Check Local Code It is important that you check your local and permit requirements for sprinkler installation in most areas dial 8-1-1. Call day or night.

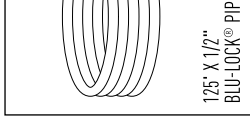
⚠ CAUTION:

In order to keep your drinking water safe from the possibility of water flowing back into your home's water supply, a backflow device may be required. The home's backflow device may be damaged or harmed caused by the installation of this product.

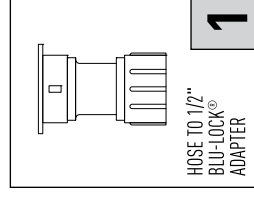
One Zone Kit Product List



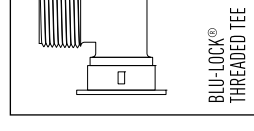
HOSE FAUCET
TIMER



1/2" X 1/2"
BLU-LOCK® PIP



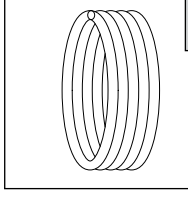
HOSE TO 1/2"
BLU-LOCK®
ADAPTER



BLU-LOCK®
THREADED TEE

2-Zone Kit Additional Product

If you purchased the Complete 2-Zone Kit, you will also need:



SATURN
GEAR DRIVE

STEP 1

Test Your Pressure

Attach the pressure gauge to the desired hose faucet, turn water on to find out how much pressure is available.

If pressure exceeds 80 psi it is recommended to use a pressure reducer.

If pressure is below 35 psi, please note that this system may not work as designed.

STEP 2

Determining Sprinkler Head Spacing

Your available pressure will determine how far your sprinkler heads will spray water. Use this chart to help you determine how far apart to space your heads.

Distances are approximate and based on the Orbit recommended, U-shaped, design.

Performance will vary based on your design, and whether or not you choose to use all of the sprinkler heads in the kit. The spacing is based on the .75 nozzle provided with the kit. Distance will vary if the nozzle is changed.

STEP 3

Prepare the Blu-Lock Pipe

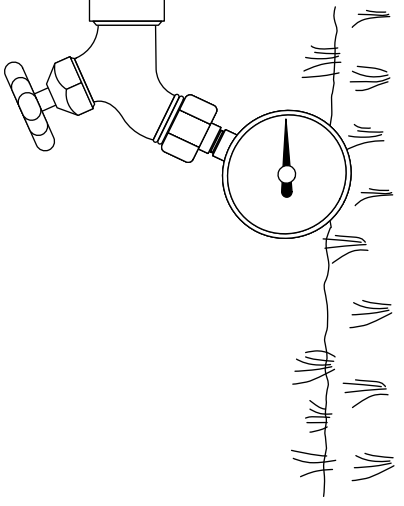
- Unroll the 125' coil of pipe, making sure not to kink the pipe in the process.
- Let the pipe rest in the sun for approximately one hour (depending on how warm it is outside), which will make the pipe easier to put into place.

While you are waiting for the pipe, you can move on to the next few steps.

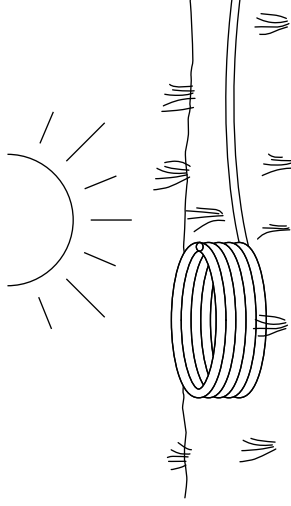
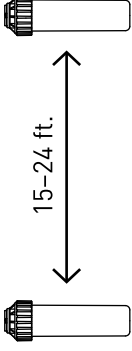
STEP 4

Design Your System

For optimal coverage and health of your plants, locate each sprinkler so that the spray distance reaches adjacent sprinklers. Ideally the sprinkler heads' spray



Spacing Chart		
35 psi	50 psi	75 psi
15 ft.	21 ft.	24 ft.



STEP 5

Connect the Timer

Connect the timer to the desired hose faucet, turn water on to find out how much pressure is available.

STEP 6

Cut the Pipe

Cut the pipe where tees, elbows, and couplings are located. Mark the Blu-Lock pipe with a marker before installing the fittings. This will ensure that the pipe stays coiled, it will stay in place.

STEP 7

Connect the Fittings

Connect the Blu-Lock pipe to the timer, tees, elbows, and couplings. Make sure to push the pipe into the fittings using the marking you made. Heads and auto-drains to Auto-drains allow water to drain from the system. To winterize your irrigation system, use a winterizer if you live in an area with freezing temperatures.

STEP 8

Test Your System

Above ground, place your pipe in the desired location. Start by placing the pipe on the ground so they will be able to perform this task.

Look for leaks. Blu-Lock fittings are removed in case adjustments are needed. Be sure that your water is off when you twist the pipe, and leave the water on. If water is leaking, turn the water off.

Design for head-to-head coverage

Recommended Sprinkler System Design

