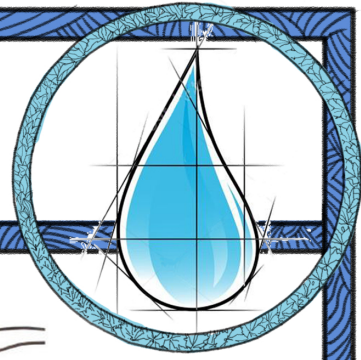


IRRIGATION INFORMATION



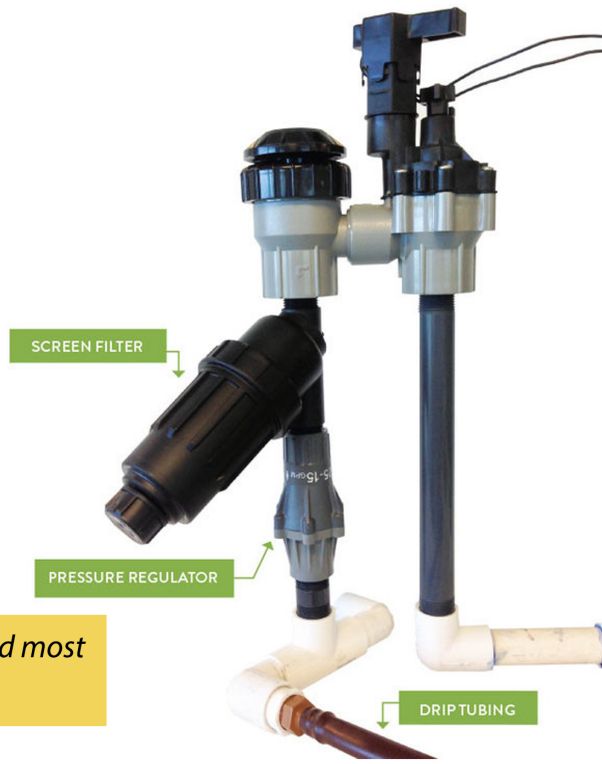
What is Drip Irrigation?

Drip irrigation is the slow and precise delivery of water to chosen plantings. It uses flexible polyethylene tubing with devices for dripping water (emitters) and low-volume sprays. The systems are easy to install, require almost no trenching, and just a few basic tools.

Drip irrigation maintains consistent moisture levels in the root zone of plants. Drip systems can be controlled by an automatic timer, making the process easy and consistent.

There are many different methods used to layout the driplines.

"Dripline" and "Point-source" are the easiest and most practical for homeowners.



Advantages:

- **Water conservation!** probably the main reason for installing a drip system. Drip irrigation gives you the ability to put water exactly where it's needed and keep paths and areas between plants dry, reducing water use.
- **Plant Health!** A drip system produces healthy, fast growing plants.
- **Consistency!** Drip watering keeps the moisture content of soil relatively constant and ensures that oxygen remains available to the root system.
- **Less run-off!** A traditional sprinkler system applies water faster than the soil can absorb, the extra water can only run off the surface. A drip system minimizes runoff by applying the water very slowly.
- **Simple!** A drip system is relatively simple to install. A little trenching is required and some careful valve assembly work, but the rest of the process is simplified by laying drip line above the soil surface rather than laying pipe below ground.
- **Convenience!** Wire your valves to a timer, set an irrigation program, kick back and smell the sages. This convenience is worth all the hard work!

2 layout methods of drip irrigation are explained in the following 2 pages.