

# HEART OF THE GARDEN KIT

## (KHEART)

You have just purchased the heart of a drip irrigation system. This mainline tubing kit has everything you need to get started from the faucet to your plantings. To begin watering, all you need to do is add any of the emitters or sprayers from our Add-On Kits or from our catalog. **Kit includes:**



### Instructions:

This kit provides one hundred feet of tubing. If the plants to be watered are a great distance from the faucet, use a hose or purchase more tubing to extend the system. This kit is not a complete drip irrigation system in itself. Although the punch and goof plugs are provided, it needs to be supplemented with one of the Heart Add-on Kits or individual emitters chosen from the DripWorks Catalog. To assemble this kit:

1. Connect the filter to the faucet or end of a hose.
2. Connect the pressure regulator to the outlet of the filter.
3. Attach the Easy Loc Female Hose Beginning (ELFH) to the 1/2" tubing.  
*To use an Easy Loc Fitting: Turn the collar counter clockwise until it tightens up to the body of the fitting. Slide the tubing over the barb as far as it will go toward the body of the fitting. Turn the collar clockwise over the tubing until the collar is tight. (See page 31 in catalog for pictures.)*
4. Connect the ELFH to the regulator and then unroll the mainline tubing.  
(If you leave the tubing in the sun for a few minutes it will uncurl and lay flat.)
5. Stake down the tubing where needed with the Hold Downs (SUHD).
6. Once the mainline is in place, a Tee (ELT) can be inserted at any point.  
(Use pruners or scissors to cut the tubing.)
7. Use the yellow punch (PUY) to punch a hole in the top or side of the mainline tubing where you want to insert an emitter, sprayer or 1/4" Micro tubing. Use a straight twisting motion to make a clean hole. You will usually hear a pop. It is easier to punch holes at cooler times during the day or run cold water through the tubing first.
8. When the chosen emitters have been inserted, turn the water on and flush the lines.
9. Close the 1/2" mainlines with Figure 8 Ends (CF8). To use CF8's, slide one loop approximately 8" onto the tubing, kink the tubing 4" from the end, and slide the other hole of the Figure 8 up onto the loose tubing end.

One Easy Loc Coupler (ELC) and ten Goof Plugs (14GP2) are provided in this kit as repair items. If you accidentally cut your mainline tubing or need to connect two straight lines of 1/2" tubing, use the ELC. The Goof Plugs are for holes punched in the wrong places with the yellow punch.

### MAINTENANCE:

Inspect the system regularly. Filters need to be cleaned periodically. Unscrew the filter body and inspect the screen after the first couple of waterings to gauge how often it must be cleaned.

Mainline tubing can be left out all year if drained, but the filter and regulator should be removed if they will be exposed to freezing temperatures. Faucet mounted timers should also be taken in at the end of the season.