

Large Drip Tape Kit (KDT3-T) Assembly Instructions

Congratulations on purchasing a DripWorks all-inclusive kit, the easiest way to get a complete drip irrigation system setup to fit your gardening needs. Drip tape is ideal for straight, flat rows. The only tools required are a pair of scissors or pruners.

Important Notes:

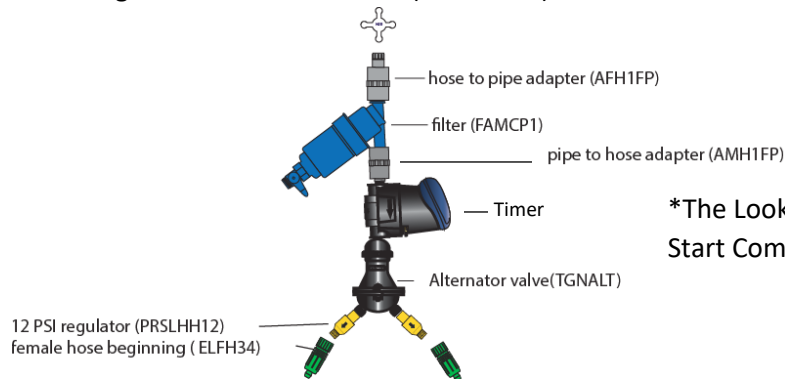
***The pressure regulator in this kit requires a minimum of .5 GPM (30 GPH) to regulate the water pressure to the 12 PSI needed for the drip tape. Use at least 150' of drip tape in your system to meet this minimum flow rate. Using less may cause leaking at fittings and possibly damage the drip tape.**

***This is a high-flow system designed to connect to a 1" mainline. If needed, an optional hose thread adapter (AFH1FP) has been included. To achieve full capacity, it requires a minimum flow rate of 8 GPM (in manual mode) and a maximum 6 GPM (if automated). The maximum amount of drip tape per zone is 2,400' (manual) and 1,800' max (automated).**

System Start

This portion of the kit includes the Galcon timer, filter, pressure regulator (2), Galcon Alternator Valve, hose start fittings (2), repair couplers, adapter fittings, Teflon tape, end fittings, goof plugs, hold down stakes, and a roll of mainline tubing.

1. Connect the filter (FAMCP1) to the faucet using the hose to 1" pipe adapter (AFH1FP) adapter.
2. Connect the 1" pipe by hose adapter (AMH1FP) to the outlet of the filter (FAMCP1).
3. Connect the Galcon timer (TGNHFK) to the 1" pipe by hose adapter (AMH1FP). You will use the adapters included with the timer.
4. Connect the Galcon Alternator Valve (TGNALT) to the Galcon timer (TGNHFK).
5. Connect the pressure regulators (PRSLHH12) to the Galcon Alternator Vales outlets.
6. Connect the barbed ends of the female hose starts (ELFH34) to the mainline (34100).
7. Connect the female hose starts (ELFH34) to the pressure regulators (PRSLHH12).
8. Unroll the mainline tubing (34100) through the area to be watered.
9. Close the mainline tubing with an end fitting (ELMC34).
10. Secure the tubing with hold down stakes (SUHD-100).

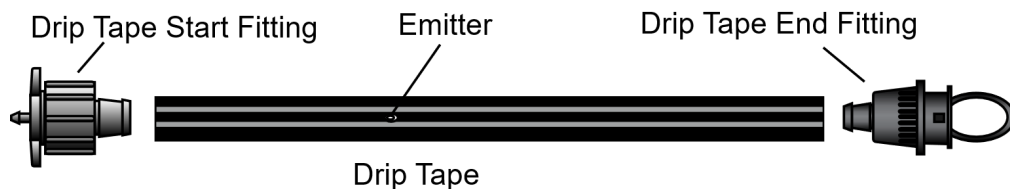


***The Look of the System Start Components May Vary**

Drip Tape

The KDT3-T Kit comes with a 4000' roll of low-flow Toro Aqua-Traxx drip tape. Each side of the Galcon Alternator Valve (zone) can support up to 1,800' of low-flow, 8" spaced drip tape. In addition to the drip tape, this portion of the kit includes a punch, drip tape start and end fittings, and drip tape couplers.

1. Use the punch to make holes in the mainline where each row of drip tape will begin.
2. Lay the drip tape (TAZ1508L) out—striped side up—where desired, making sure that one end reaches the mainline tubing.
3. Attach the large, barbed end of a drip tape start fitting (LSB) to each length of drip tape and turn the start fitting's locking collar clockwise to *tighten.
4. Insert the small, barbed ends of the drip tape start fittings into the punched holes.
5. Close each length of drip tape with a Drip Tape end fitting (LSPLUG).



*Some leakage may occur out of the drip tape start fittings. A quarter turn with pliers will tighten the locking collar.

Run one watering zone at a time.

If you have any other questions about our products or about installing your drip system, please contact us at 800-522-3747 or via email at support@dripworks.com or visit our store at DripWorks, 190 Sanhedrin Circle, Willits, CA 95490