DIG CORPORATION THREE-YEAR WARRANTY

DIG CORPORATION warrants these products to be free from defects in material and workmanship for a period of three years from date of purchase. This warranty does not cover damage resulting from accident, misuse, neglect, modification, improper installation or subjection to line pressure in excess of 50 lbs. per square inch. This warranty shall extend only to the original purchaser of the product for use by the purchaser. This warranty shall not cover batteries or any malfunction of the product due to battery failure. The obligation of DIG CORPORATION under this warranty is limited to repairing or replacing at its factory this product which shall be returned to the factory within three years after the original purchase and which on examination is found to contain defects in material and workmanship.

DIG CORPORATION SHALL IN NO EVENT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND; THE SOLE OBLIGATION OF DIG IS LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Unattended use for prolonged periods without inspection to verify proper operation is beyond the intended use of this product, and any damage resulting from such use shall not be the responsibility of DIG CORPORATION. There are no warranties which extend beyond the description on the face hereof. In the case of purchase of the product for use other than, for irrigation purposes, DIG CORPORATION hereby disclaims any implied warranties including any warranties of merchantability and fitness for a particular purpose. In the case of the purchase of the product for personal, family or household purposes, DIG CORPORATION disclaims any such warranties to the extent permitted by law. To the extent that any such disclaimer or implied warranties shall be ineffectual, then any implied warranties shall be limited in duration to a period of one year from the date of the original purchase for use by the purchaser. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

In order to obtain performance under this warranty, the unit must be returned to the factory, along with proof of purchase indicating original date of purchase, shipping prepaid, addressed as follows:

DIG CORPORATION, 1210 Activity Drive, Vista, CA 92081. Repaired or replaced units will be shipped prepaid to the name and address supplied with the unit returned under warranty. Allow four weeks for repairs and shipping time. Repair of damaged units not otherwise within warranty may be refused or done at a reasonable cost or charge at the option of DIG CORPORATION.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

1.800.322.9146 FAX: 760.727.0282

DIG water matters

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DIG water matters

INSTALLATION INSTRUCTIONS

Raised Bed Drip Watering System

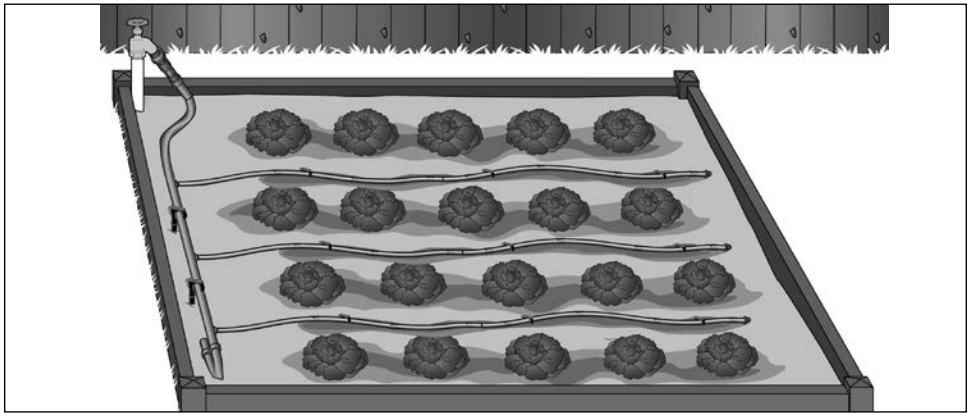
Model ML50

INTRODUCTION

Thank you for purchasing the DIG Model ML50 Raised Bed Drip Watering System. Please take the time to read through the enclosed instructions and follow them step by step. If you have any questions, please call our customer service line at 1.800.344.2281.

ABOUT YOUR ML50 KIT

DIG's ML50 Raised Bed Drip Kit is specially designed for planter boxes and vegetable garden layouts, offering a quick and simple solution for watering planter boxes or vegetables planted in rows. It contains 50' of 1/4" drip line with pre-inserted in-line drip emitters every 9" (total of 66 drip emitters) for installing a drip irrigation system with up to 10, 5' long rows. The pre-inserted emitter flow rates are .52 GPH @ 15 PSI, and .65 GPH @ 25 PSI.



INSTALLATION METHODS

When installing this kit, select one of the following two options:

Option 1: If installing the system before planting, then after completing the installation, turn the water on and water the soil for 45 minutes to a few hours depending on your soil type. Water movement through the soil is forced downwards by gravity and outwards by capillary action, producing a wetting pattern, characteristic of the soil type and the application rate of your dripline, so in clay soil you should water for a shorter time than in sandy soil. After watering, the soil around each dripper will be wet; plant the seed or plant in the center of the wetted area about two inches from the dripper.

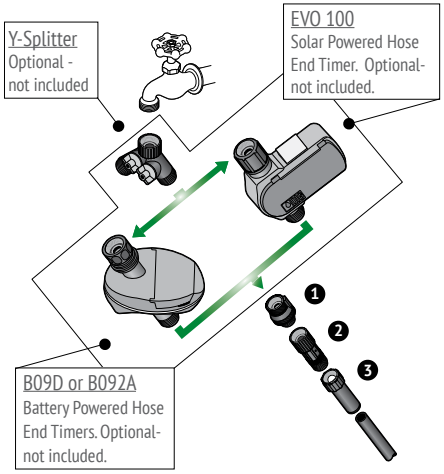
Option 2: If installing the system after the plants are planted, install the dripline along each row close to the plants, making sure that the dripline and the drippers do not touch the plants (to avoid rotting of the plant stems).

INSTALLATION

Begin your installation at the water source by attaching the backflow preventer to your faucet ❶, then attach the 25-PSI preset pressure regulator ❷ to the backflow preventer. Connect the poly tubing to the hose adapter and attach it ❸ to the pressure regulator.

If you wish to automate the system, you can use a DIG battery or solar operated controller (model B09D/B092A or EVO 100), available online or in a store near you.

Next, lay down your 1/2" poly tubing. If you plan to leave it above the ground, allow the poly tubing to sit in the sun before installation; this will make it easier to work with. Use the 1/2" stakes to secure the poly tubing into the ground. If preferred, cover the poly tubing with mulch to hide it. This is purely aesthetic and is not necessary. Do not cover the end of the poly tubing; allow it to remain on the surface for periodic flushing.



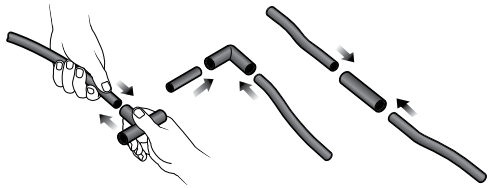
Option one, for planter boxes: Near the planter, connect a 1/2" tee and add an additional section of poly tubing to the top of the planter. To the end of the poly tubing, add a 1/2" elbow as well as another piece of 1/2" tubing perpendicular to the vegetable row.

Option two, for vegetable rows: Lay out the poly tubing perpendicular to the vegetable rows. The 1/2" poly tubing is used as the main line to deliver the water to the 1/4" dripline. Make sure to extend the 1/2" poly tubing an extra foot past the last row.

Dripline layout: Lay out the 1/4" dripline near each row of vegetables or between two narrow rows (6"-10" apart) and secure the dripline into the ground using a 1/4" tubing stake (included). Leave the end of the 1/4" dripline open to flush the line as shown in step 4.

Connecting and installing 1/2" fittings:

To install your 1/2" fittings, cut the poly tubing with a hand pruner or scissors, being careful to keep dirt from entering the line. Push the poly tubing into the fitting, wiggling it as you apply force.



Connecting 1/4" fittings:

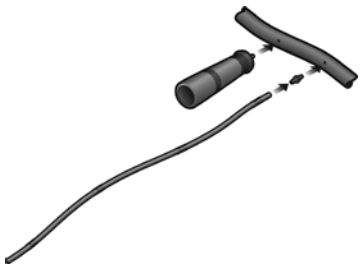
1. Force a barb into the end of the 1/4" micro tubing by pushing it in while moving it from side to side.

To connect the end of 1/4" micro tubing to 1/2" poly tubing:

2. Punch a hole in the 1/2" poly tubing with the punch tool.

3. Insert the open side of the barb into the hole in the 1/2" poly tubing.

TIP: To ease installation, warm the ends of the micro tubing in a cup of hot tap water for 20 seconds prior to barb installation.

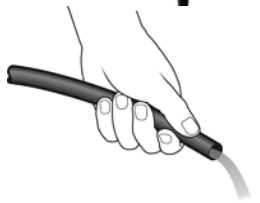


Secure the tubing:

Use the stakes to secure the poly tubing and dripline to the ground.

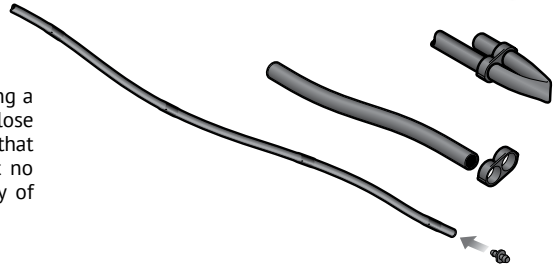
Flush the line:

Before turning the system on for the first time, leave all 1/2" poly tubing ends and 1/4" dripline ends open. Turn on the water and allow it to run freely for a few minutes. This will flush out any dirt or debris that may be in the line.



Close the end of the poly tubing and dripline:

Close the end of the 1/2" poly tubing by using a "figure 8" hose end and use a goof plug to close off the end of the 1/4" dripline. Check to see that the dripline is operating correctly and that no leakage is occurring from the fittings or any of the connections.



For detailed information, see the DIG Drip Guide or go to www.digcorp.com/dripguide to download the PDF.

WATERING SCHEDULE

Open the faucet for 45 minutes to one hour every two to three days, depending on your location, weather and soil type. Faster draining, lighter soils will need to be irrigated more frequently than heavy, soild soil with high clay content. After a few days, check the soil and the health of the plants, and adjust the watering schedule as needed. If you have an irrigation controller and additional time is required, adjust the irrigation controller program with a longer watering duration and/or additional start times.

CONTENTS


(1) 3/4" Backflow Preventer with FHT x MHT


(1) 3/4" FHT Preset Pressure Regulator at 25 PSI


(1) 3/4" FHT Swivel Adapter with Screen


(1) 50' of 1/2" Poly Tubing .600 ID x .700 OD


(1) 50' of 1/4" Dripline with 9" Spacing


(1) 1/2" Compression Couplings


(4) 1/2" Compression Tees


(4) 1/2" Compression Elbows


(4) 1/2" Tubing Holder Stakes


(10) 1/4" Tubing Holder Stakes

(15) 1/4" Barbs


(10) Goof Plugs


(1) Hole Punch


(4) Figure "8" Hose Ends