

INSTALLATION INSTRUCTIONS

Model FS50

Vacation Drip Watering Kit



INTRODUCTION

THANK YOU for purchasing the DIG model FS50 Vacation Drip Watering Kit. 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. Use FS50 Vacation Drip Watering Kit to maximize your efficient use of water and have abundant growth in your planters or patio. If you decide to expand your system, all the necessary parts are available individually.

STEP-BY-STEP INSTALLATION

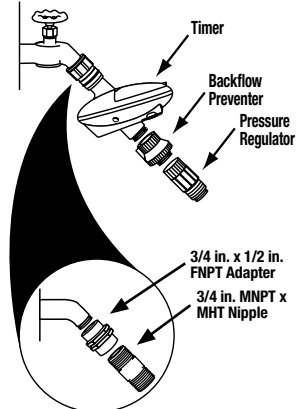
STEP 1: Connecting to a hose end or a faucet.

- Connect the timer to the faucet.
- Attach the backflow device to the timer.
- Attach the pressure regulator to the backflow device and move to step # 2.

STEP 1A: Connecting to a showerhead

If you are on vacation, you can water all your indoor plants by connecting the system to a showerhead.

- Remove the showerhead and connect the 1/2 in. FNPT side x 3/4 in. connector to the showerhead arm.
- Connect the 3/4 in. MNPT side x MHT nipple to the connector.
- Connect the timer to the faucet.
- Attach the backflow device to the timer.
- Attach the pressure regulator to the backflow device and move to step # 2.



OPTION 1: To apply water-soluble fertilizer, or if you are unsure of the water quality, we highly recommend us in. #12 - 1/2 in. filter/fertilizer applicator. It will remove debris that may otherwise clog the emitters and foggers. This unit should be installed after the backflow device.

STEP 2: Microtubing placement

- Unroll the 1/4 in. microtubing and lay it out in the area of the planters, containers and baskets to be watered.

STEP 3: Connect in. 3/4 in. FHT to microtubing

- Connect the 3/4 in. FHT x 1/4 in. adaptor to the microtubing by forcing the end of the microtubing into the fitting while moving the microtubing from side to side.
- Attach the 3/4 in. adaptor to the pressure regulator.

STEP 4: Microtubing installation

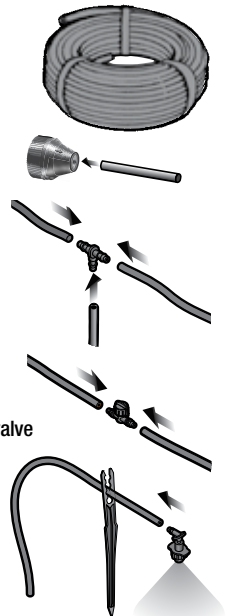
Near each container, basket or planter cut the microtubing and insert a 1/4 in. tee (soaking microtubing in hot water will ease installation). Make sure to leave the ends of the 1/4 in. microtubing open so you can flush the line before completion.

STEP 5: Connecting 1/4 in. fittings

- Run microtubing from the center of the containers to the 1/4 in. tee.
- Connect one end of the microtubing to the 1/4 in. tee.
- 2 in. to 4 in. from the 1/4 in. tee cut the microtubing and connect a 1/4 in. ball valve to allow a better control of flow rate for individual container needs.

STEP 6: Installing the drip emitters or foggers

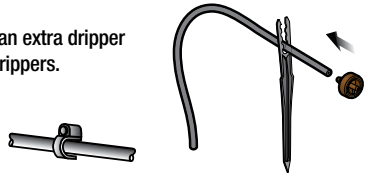
- Attach a drip emitter or fogger to the ends of the microtubing.
- Attach a 1/4 in. tubing holder stake to the microtubing close to the dripper.
- Put the 1/4 in. tubing holder stake near the plant.



NOTE: For containers measuring up to 15 in. use one dripper. 15 in. to 24 in. use one fogger. Containers larger than 24 in. use an extra dripper or fogger every 15 in. Larger containers may require additional drippers.

STEP 7: Secure microtubing

- a) Secure the microtubing to the containers or planter using C-clamps.



STEP 8: System starts up

- a) Turn the water on, and flush the line for 10 to 20 seconds to clean out any debris inside the system.
b) Close the end of the microtubing using the goof plug, or a dripper if you have a planter or basket at the end of the line.
c) Turn the water on again and adjust the flow on each group of drippers or foggers as needed by turning the knob on the ball valve.
d) Make sure that the system is working correctly without any leaks.

STEP 9: Programming

- a) Program the timer (see timer instruction)

Tip: program the timer for duration of 2 to 3 minutes, 2 to 3 days a week.

KIT CONTAINS:

- 1 - battery operated timer
 - 1 - backflow device
 - 1 - pressure regulator
 - 1 - 3/4 in. FHT microtubing adaptor
 - 1 - 3/4 in. x 1/2 in. FNPT adaptor for a showerhead
 - 1 - 3/4 in. FHT x MNPT nipple
 - 14 - .5 GPH drippers
 - 6 - 1 GPH drippers
 - 2 - foggers
 - 60 ft. of 1/4 in. microtubing
 - 22 - 1/4 in. tees
 - 20 - 1/4 in. tubing stake holders
 - 2 - fogger stake holders
 - 4 - 1/4 in. ball valves
 - 10 - C-clamps
 - 2 - goof plugs
- and instruction manuals for timer and kit

DIG CORPORATION 3 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 100 PSI. 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.

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