WATERING

Open the system valve for 45 minutes to 1 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 soils with high clay content. After a week or two, 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 longer watering duration and/or additional start times.

KIT CONTENTS

Qty	Part Description
1	1/2" FPT x 3/4" MHT conversion adapter
1	3/4" FHT x MHT 25-PSI pressure regulator
1	50' of 1/2" PC dripline with 1 GPH dripper every 18"
1	3/4" FHT swivel adapter with screen
5	1/2" drip tubing holder stakes
1	1/2" hose end with 3/4" FHT cap
1	Instruction manual

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Vista, CA 92081
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INSTALLATION INSTRUCTIONS
GD50 PC DRIPLINE KIT

INTRODUCTION

Thank you for purchasing DIG's Model GD50 PC Dripline Watering Kit. Please take the time to read through the enclosed instructions and follow them step by step. If you have any questions, please e-mail them to dig@digcorp.com or call our customer service at 1-800-344-2281.

GENERAL DESCRIPTION

This manual covers how to design and install a reliable and cost effective dripline system for residential landscapes and gardens. Irrigating plants with drip systems promotes efficient water use and protects natural resources. Drip irrigation utilizes low flow rates, measured in gallons per hour (GPH), and is a more efficient method of delivering water. Perfect for "do-it yourselfers", low-volume systems are easy to install and require no glues or special tools. They also offer complete system design flexibility and promote healthy landscapes by maintaining the correct moisture level in the soil as well as the benefit of reduced water waste.

ABOUT YOUR PC DRIPLINE KIT

DIG's model GD50 PC Dripline Kit contains all the parts needed to retrofit a 1/2 inch sprinkler riser into a drip irrigation system covering up to 150 square feet of planted area. The kit can be extended to a maximum of 600 feet with additional PC dripline with the same spacing and flow rate.

DIG's model GD50 PC Dripline Kit can be used to apply water directly to the root zone area of the plant, reducing water waste from evaporation and run off, pest problems, and weed growth. The kit contains pressure compensating, self-cleaning drippers for even uniformity from each dripper along the line between 10 to 45 PSI ensuring a constant flow rate regardless of any elevation along the line. The PC dripline can be used to irrigate individual plants or closely spaced groups of plants within the layout. This kit can also be connected to a garden hose and contains all the parts required to install a complete system.

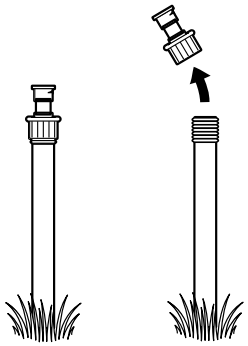
DIG's model GD50 PC Dripline Kit can be installed as a stand-alone system starting from a 1/2 inch sprinkler riser or standard outdoor faucet. The kit can be used to water trees, shrubs, vines, roses, flowerbeds, groundcover and narrow planting areas. It can also be installed next to foundations to prevent slab damage. Follow the steps suggested below to install an efficient drip irrigation system.

LAYOUT EXAMPLE

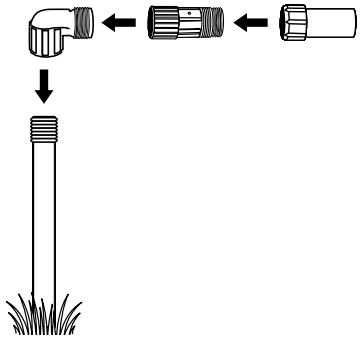
INSTALLATION STARTING FROM A 1/2" SPRINKLER RISER

Assess the areas to be watered. While large areas such as lawns are best watered by pop-up sprinklers, other areas, such as shrubs, trees, roses, groundcovers, individual plants or narrow odd shaped areas can be irrigated more efficiently by using the PC dripline.

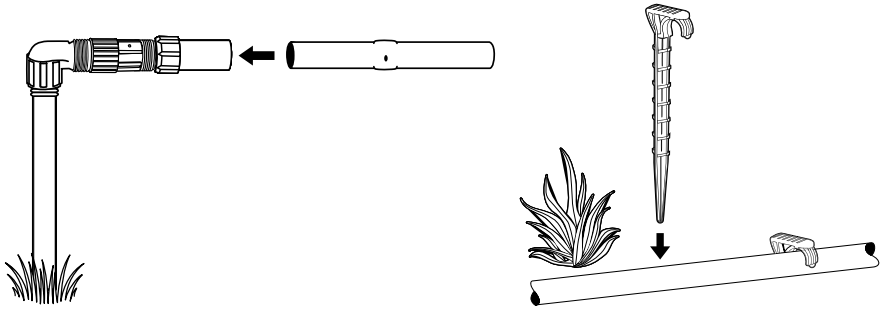
1. Remove all sprinkler heads from the 1/2 inch riser, sprinklers and cap all sprinkler risers not being used.



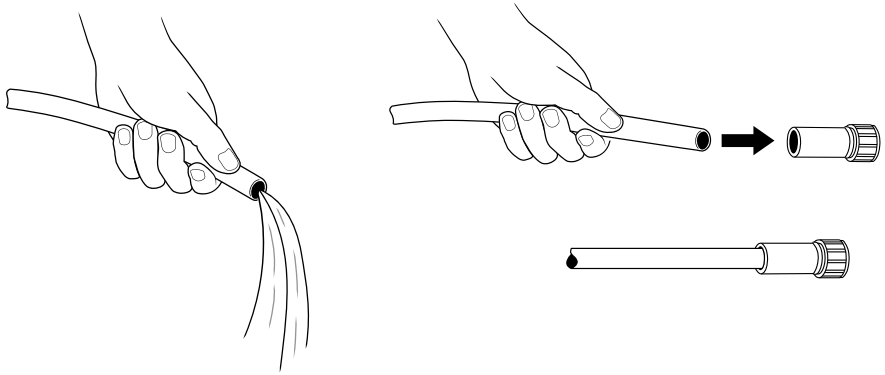
2. Turn the water on momentarily, and flush out the sprinkler riser used. Next thread the 1/2 inch conversion elbow adapter on to the riser and then connect the pressure regulator and swivel adapter.
   Note: The PC dripline can also be connected into a faucet by attaching the swivel adapter into the pressure regulator and threading the pressure regulator into the faucet.



3. Connect the PC dripline into the swivel adapter by forcing the end of the dripline into the adapter compression side while moving it from side to side and secure the PC dripline to the ground by installing the PC dripline holder stakes every 6 to 12 feet.



4. Turn the water on and flush the line thoroughly. Turn the water off and close the end of the line with the hose end connector forcing the end of the PC dripline into the adapter compression side while moving it from side to side



5. Pressure tests the system to identify leaks in all connections.

6. Open the system valve and make sure that the PC dripline provides the coverage desired, and if necessary, move the PC dripline closer to the plants.