

WARRANTY

DIG CORPORATION warrants these products to be free from defects in material and workmanship for a period of two 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 150 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 BEING 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 two years 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.

CUSTOMER SERVICE:

1-800-322-9146 FAX: 760-727-0282



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Printed in the USA



INSTALLATION INSTRUCTIONS

Drip and Soaker Vegetable Watering Systems

Models ST100 and ST100AS

INTRODUCTION

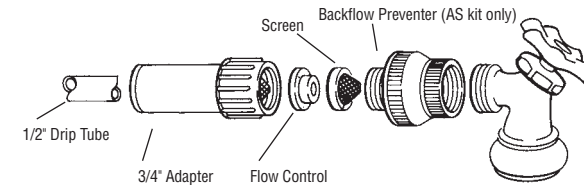
Thank you for purchasing DIG Model ST100 or ST100AS Drip and Soaker Vegetable Watering Kit.

Please take the time to read through the enclosed instructions and to follow them step-by-step. If you have any questions, please call our customer service line at 1-800-322-9146. Use the ST100 or ST100AS Drip and Soaker Watering Kit to efficiently use water while maximizing water at the root zone resulting in an abundant crop.

INSTALLATION

The Drip and Soaker Watering Kit can be installed easily either above or below the ground. It is designed mainly for use in vegetable gardens, but can be easily transformed for situations where plants are in rows.

Begin your installation at the water source by attaching the backflow preventer to the faucet (if included). Next, insert the flow control then the screen into the swivel adapter and thread the swivel adapter into the backflow preventer. If the backflow preventer is not included, connect the swivel adapter directly to the faucet, and connect the compression side to the 1/2" drip tube by pushing and wiggling the 1/2" drip tube into the adapter end.



CONNECTING DRIP SOAKER TAPE TO 1/2" DRIP TUBE

Option1 single row: Use # 77 connector to have one line of drip soaker tape. Connect the drip tube to the compression side of the #77 connector by pushing and wiggling the 1/2" drip tube into the adapter end. Connect the Drip and Soaker tape to the other end by turning the ring counter clockwise to expose the barb, push the Drip and Soaker Hose over the barb, and thread the ring clockwise to lock in place.



Option 2 multiple rows: you may add additional 1/2" drip tube to the 5' section enclosed and use the 1/2" drip tube as the main line running perpendicular to the vegetable garden rows. Near each row punch a hole in the 1/2" drip tube and insert the barbed end of the #29 reducer into the 1/2" drip tube. Connect the Drip and Soaker Hose to the other end of the #29 reducer by turning the ring counter clockwise to expose the barb, then push the Drip and Soaker Hose over the barb, and thread the ring clockwise to lock in place.

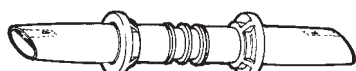
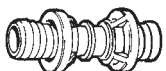


CONNECTING OR ENDING DRIP SOAKER TAPE

After connecting the Drip and Soaker Hose to the 1/2" drip tube we recommend flushing the system to make sure that all debris are out before closing the end of the line. Flush the system by turning the water on for a minute or so, then close the ends of the drip tube and the ends of the Drip and Soaker Hose by inserting the #28 hose end into the Drip and Soaker Hose and pulling the ring forward to secure.

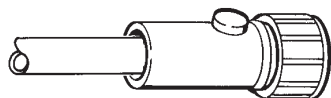
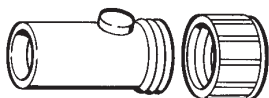


To connect two pieces of Drip and Soaker Hose together use a #27 Connector by inserting the #27 connector into the Drip and Soaker Hose and pulling the ring forward to secure.

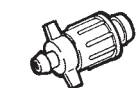
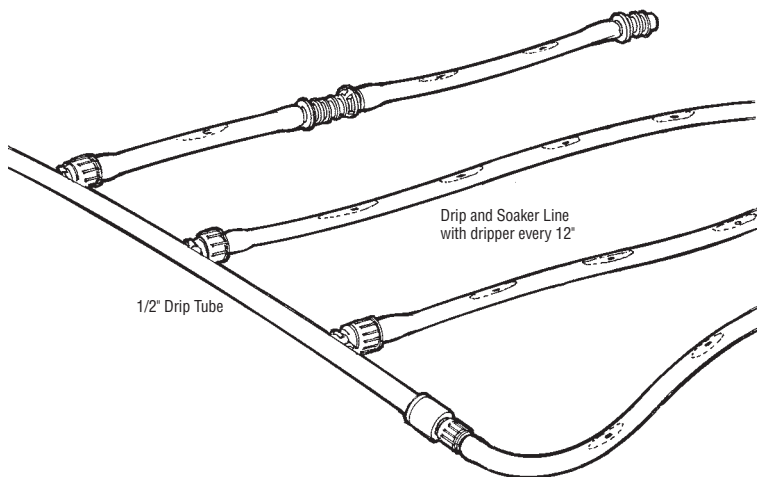


CONNECTING AND ENDING THE 1/2" DRIP TUBE

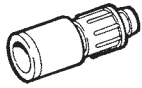
After flushing the system, connect the end cap to the 1/2" drip tube by pushing and wiggling the 1/2" drip tube into the adapter end. Make sure that the threaded end cap is threaded firmly.



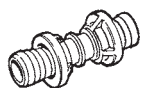
DRIP AND SOAKER HOSE LAYOUT WITH 1/2" DRIP TUBE



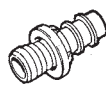
#29 Reducer



#77 1/2" Connector to Drip Soaker Hose

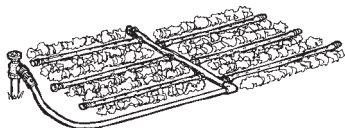


#27 Connector

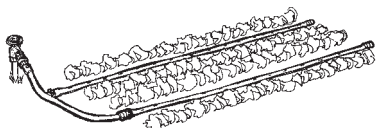


#28 Hose End

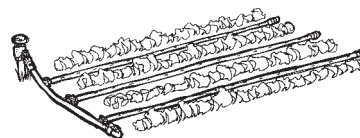
DIFFERENT LAYOUTS OF DRIP AND SOAKER HOSE



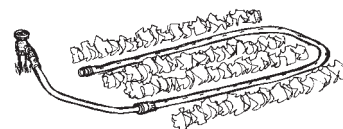
Installation method using the 1/2" drip tube as the main line and the Drip Soaker Hose line install between the rows or on each row using #29 Reducer



Installation method for two rows using #29 Reducer and #77 Connector, and the Drip Soaker Hose line install between the rows



Recommended: Installation method using the 1/2" drip tube as the main line and the Drip Soaker Hose line install between the rows or on each row using #29 reducer for a multiple rows



Installation method using the 1/2" drip tube and the #77 adapter installed with one line of Drip and Soaker Hose. Using this method the Drip Soaker Hose line can be used between the rows with a minimum requirement of 3' radius when making a curve. A 3' radius ensures water will flow through the Drip and Soaker Hose line.

DESIGN TIPS

The flow control enclosed in this kit is used for runs of up to 100'. If you are expanding the kit with additional Drip and Soaker Hose line, remove the flow control. If after removing, water pressure is above 25 PSI, add #4 25 PSI pressure regulator.

- If the rows are less than two feet apart, install one line of Drip and Soaker Hose line between every two rows.
- If the rows are more than two feet apart, install the Drip and Soaker Hose line on each row.
- A minimum of 3' radius is required when making a curve with Drip and Soaker Hose line. This method is suggested when running one line of Drip and Soaker Hose every other row.
- A single line of Drip and Soaker Hose should not exceed 300' long.
- The recommended depth for burying the Drip and Soaker Hose is 4"-6" below the ground.

WATERING SCHEDULE

	Length of Watering	Hot	Warm	Cool
Vegetable Germination	1 hour	twice daily	once a day	every two days
Seedlings	45 minutes	every day	every 2 days	every 3-4 days
Producing Plants	1 hour	every day	every 2 days	every 3-4 days

Plants require different amounts of water depending on plant maturity, temperatures, wind and soil type. Use this chart as a guide, and your own experience to determine time and duration of watering.

We suggest reviewing your watering schedule every few weeks and making adjustment as needed

KIT CONTAINS

- | | |
|---|---|
| 1-100' Drip and Soaker Tape Line | 1-drip tube to Drip and Soaker Tape connector |
| 1-5' x 1/2" drip tube | 5-Drip and Soaker Tape reducer |
| 1-Swivel Adaptor with Screen and Flow Control | 1-Drip and Soaker Tape connector |
| 1-Backflow Preventer (ST100AS only) | 5-Drip and Soaker Tape ends |
| 1-End Cap for 1/2" drip tube | 1-Punch |

*** Free Bonus Booklet** – How to Plant a 20' x 20' Vegetable Garden. Contains full instructions on soil types, seed varieties and installation of your drip and soaker vegetable watering system.