

User Manual of Product 1:

Rain Bird 1ZEHTMRP Premium Pro-Grade Electronic Digital Hose End Timer/Controller, One Zone/Station, Battery Operated, Brass Inlet/Outlet

User Manual of Product 2:

Rain Bird FCKIT-1PK Drip Irrigation Easy Fit Faucet Connection Kit for 1/2" Tubing, Includes Pressure Regulator and Filter,black



Landscape Dripline System

***Water
Connections***

***Emitter
Tubing***

Tubing

***Fittings &
Tools***



The Faster, Smarter Way to Drip Irrigate!

WHY *The Landscape Dripline System is Better.*

► **ADVANTAGES**



Fewer Weeds

Waters each plant, not the surrounding soil.



Faster Growth

Applies moisture directly to the root zone.



Longer Lasting Blooms

Proper watering promotes healthy plants.



Healthier Plants

Keeps water off foliage, so fungi cannot form.



Saves Water

*Irrigates precisely where you need it.
Eliminates overspray, less evaporation.*



**CHOOSE
WATER SOURCE**

CUT

CONNECT

Simplicity

*Three easy steps to create your
custom drip system.*

► **Precise watering for healthy, beautiful landscaping**

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Unlike soaker hoses, the Rain Bird® Landscape Dripline System is clog resistant and waters evenly from beginning to end over much longer distances — up to 300 feet! It connects easily to your faucet, garden hose, an existing underground sprinkler head or 1/2" riser.

This versatile system is simple to cut, connect and place without digging. It conforms to your landscaping and can be staked and covered with mulch. For plants that need extra water, you can insert Spot Watering Emitters, tapping off of the main 1/2" Tubing lines to reach trees, potted plants or other targeted areas.

Works like soaker hose — only better!



1/2" Emitter Tubing

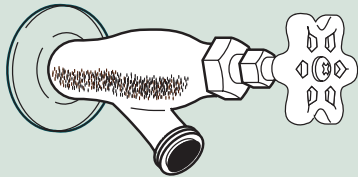
Spot Watering

The faster, smarter way to drip irrigate

WHAT Is Your Water Source?

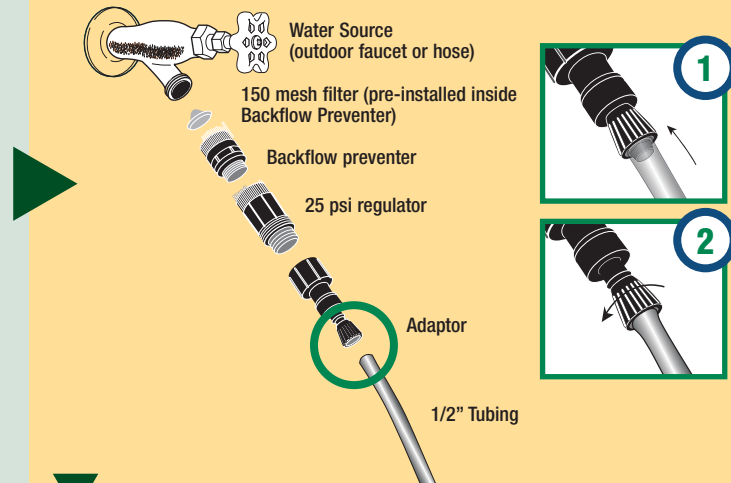
If You Have...

Outdoor Faucet



You Need...

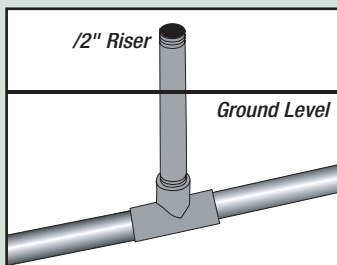
FC-KIT Faucet Connection Kit



- ***Simplest connection method***
- ***Multi-function kit ensures proper operation of your drip irrigation system***
- ***Includes backflow preventer, 25 psi regulator and 150 mesh filter***

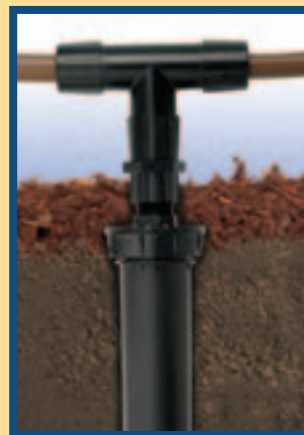
If You Have...

*Existing
Rain Bird 1800®
spray head or
any 1/2" riser*



You Need...

RC-KIT Riser Connection Kit



- Replace an underground irrigation spray head or mount on any riser
- Sized for easy conversion of a Rain Bird® 1806 pop-up spray head
- Also connects to other standard 1/2" irrigation fittings
- All-in-one unit includes filter, 30psi regulator and swivel tee

▶ Important

To ensure proper operation of your Landscape Dripline System, one of the above water supply connection kits must be used. Both kits include:

- Pressure regulator to avoid excess flow
- Back-flow preventer to stop water from flowing back into your home's system
- Filter to trap rust and sediment, helping to keep emitters flowing trouble-free
- Easy, leak-proof connections

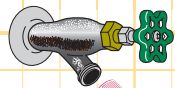


Minimum operating pressure for a drip system is 15psi, maximum is 25-30 psi. The FCKIT and RCKIT each contain a 25-30 psi regulator to reduce higher pressures. These connection kits also incorporate a 150-200 mesh filter to protect the tubing emitters.

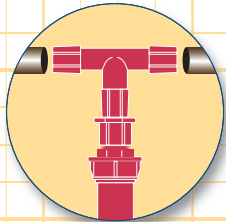
CAUTION: Not using the pressure regulator and filter may damage your system.

The faster, smarter way to drip irrigate

CUT & CONNECT



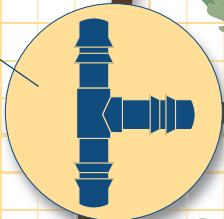
Faucet Connection Kit



Riser Connection Kit

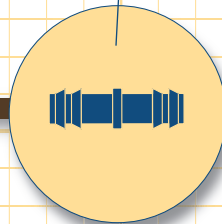
- Optional water source using Riser Connection Kit (RC-KIT).

1/2" Barbed Tee

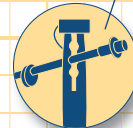


1/2" Tubing

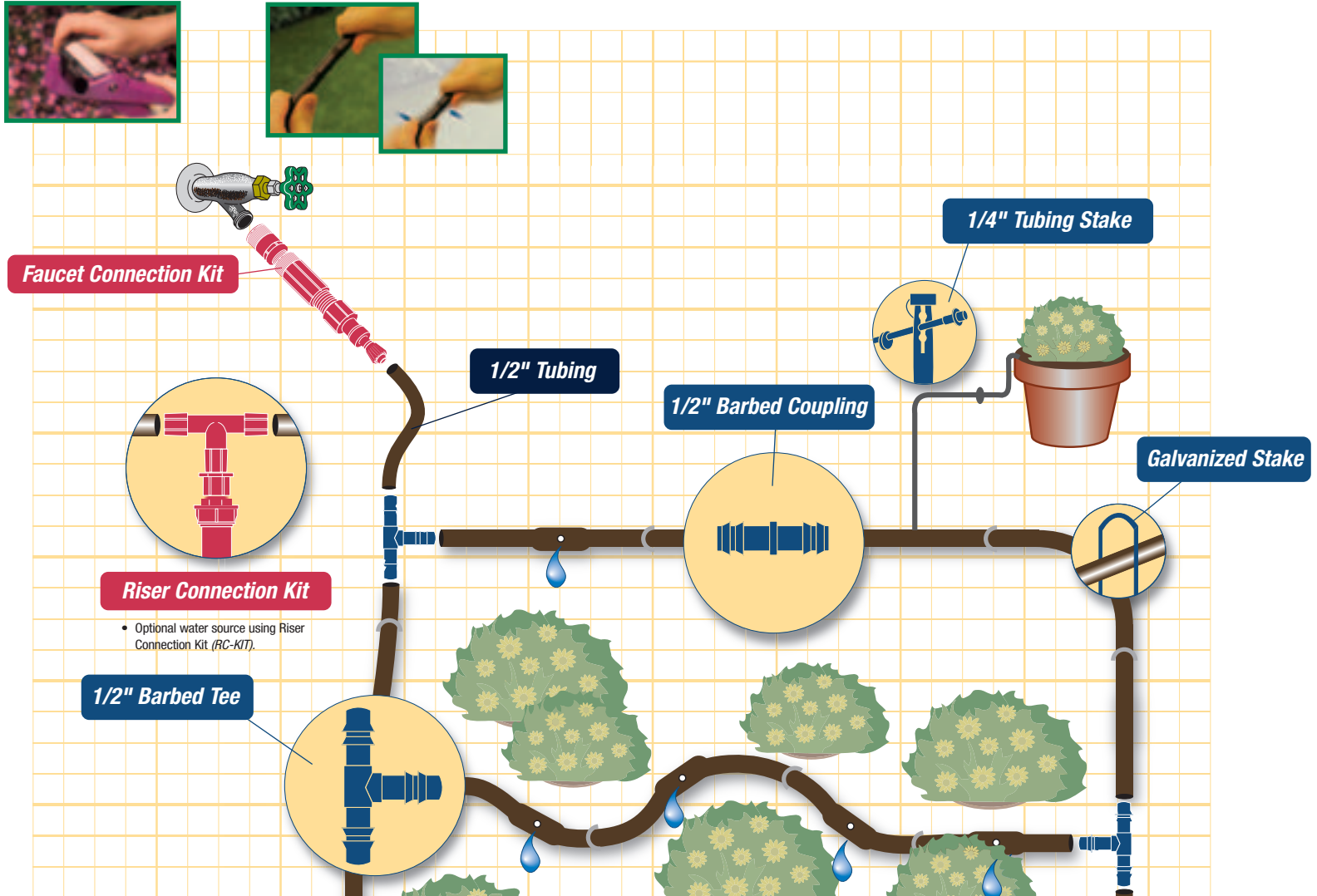
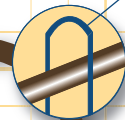
1/2" Barbed Coupling

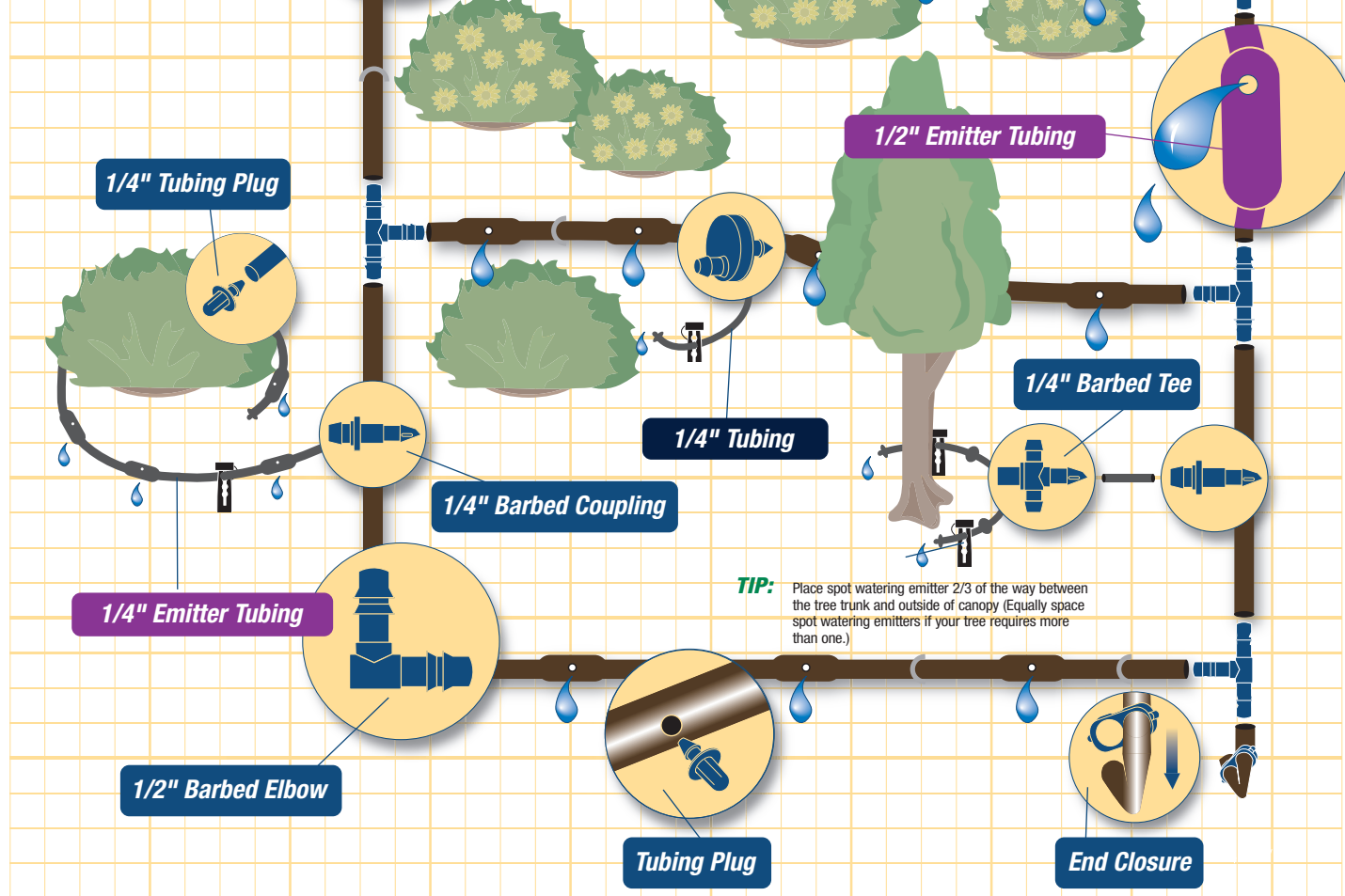


1/4" Tubing Stake



Galvanized Stake





• Plug holes with 1/4" Tubing Plug

• After flushing out system, use the Figure-8 End Closure to close the end of line.

The faster, smarter way to drip irrigate

CUT & CONNECT

► Using Spot Watering Emitters & 1/4" Tubing Stakes

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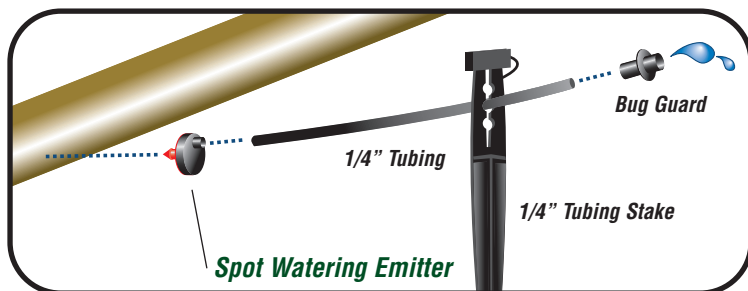
Tap off of 1/2" Tubing with Spot Watering Emitters and 1/4" Tubing. Black Spot Watering Emitters provide controlled flow of 1.0 GPH. Red Spot Watering Emitters are rated for 2.0 GPH. The tubing can be held in place with 1/4" Tubing Stakes. Place bug guard (attached to 1/4" Tubing Stake) at end to prevent bugs and debris from clogging tubing.

Ideal for:

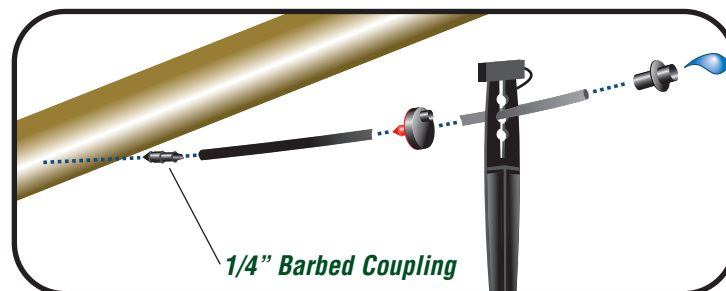
- Extending irrigation to widely spaced plants or trees
- Increasing flow to selected plants as needed anywhere in your landscaping

Spot Watering Emitter	Gallons Per Hour	Best For
 SW10-10PK (black)	1.0 GPH	Loamy Soils
 SW20-10PK (red)	2.0 GPH	Sandy Soils

► 1/4" Tubing Runs Less Than 5 Feet



► Extended Runs Greater Than 5 Feet



TIP For trees, place Spot Watering Emitter 2/3 of the way between tree trunk and outside of canopy. Larger trees require more than one emitter, equally spaced around trunk.

► **Landscape Dripline System Tools**

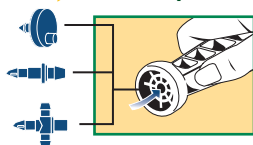
Emitter Tool ET-1PK

The easy way to add or remove Spot Watering Emitters, 1/4" barbed fittings and plugs.

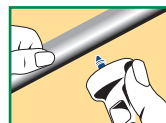


Opposite End

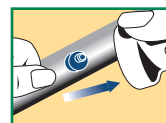
► **Insert Spot Watering Emitters and 1/4" Barbed Fittings.**



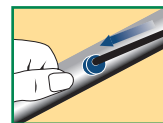
Place the fitting on end of tool.
(Use with Spot Watering Emitters, 1/4" Barbed Tees and 1/4" Barbed Couplings.)



Press barbed point into side wall of 1/2" tubing.

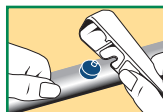


Pull tool away, leaving the fitting embedded in tubing.



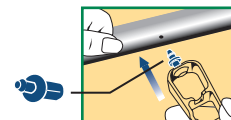
Push 1/4" Tubing onto the fitting.

► **Remove Spot Watering Emitters and barbed fittings from the side of 1/2" Tubing.**



Use side of tool.

► **Insert 1/4" Tubing Plugs.**



Seal holes made by Spot Watering Emitters and Fittings you have removed.

Tubing Cutter TC-1PK

Cut tubing cleanly and conveniently for fast installation.



Stainless steel blade

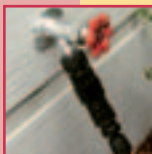
Ergonomic handle

The faster, smarter way to drip irrigate

► *Project Planning Checklist*

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Water Connections



Faucet Connection Kit

FCKIT-1PK

Connect system to any outdoor faucet

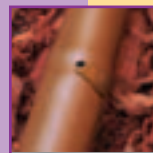


Riser Connection Kit

RCKIT-1PK

Convert an 1800™ spray head or a riser to a drip zone

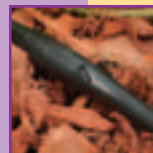
Emitter Tubing



1/2" Emitter Tubing - 100 ft.

ET63918-100

Place in planting areas

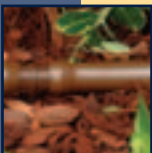


1/4" Emitter Tubing - 50 ft.

ET25512-50

Extend water to narrow planting areas or potted plants

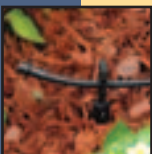
Tubing



1/2" Tubing - 100 ft.

T63-100

Run water to 1/2" Emitter Tubing

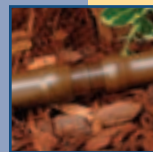


1/4" Tubing - 50 ft.

T22-50

Use with Spot Watering Emitters or to run water to Emitter Tubing

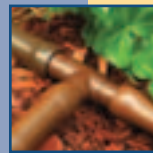
Fittings and Tools



1/2" Barbed Couplings

BC50-4PK

Connect 2 pieces of 1/2" tubing

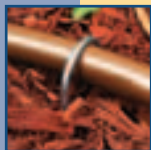


1/2" Barbed Tees

BT50-4PK

Connect 3 pieces of 1/2" tubing in a "T" shape

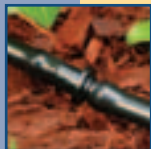
Fittings and Tools



Galvanized Stakes

GS50-10PK

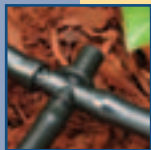
Secures 1/2" Tubing to the ground



1/4" Barbed Couplings

BC25-10PK

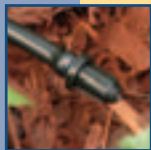
Connect 2 pieces of 1/4" Tubing or tap into the side of 1/2" Tubing



1/4" Barbed Tees

BT25-10PK

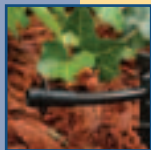
Connect 3 pieces of 1/4" Tubing in a "T" shape or tap into the side of 1/2" Tubing



1/4" Tubing Plugs

TP25-10PK

Use as an end closure for 1/4" Tubing or as a side plug for 1/2" Tubing



1/4" Tubing Stakes with Bug Guard

TS25-10PK

Stake 1/4" tubing at desired locations or secure Spot Watering Emitters



1/2" Barbed Elbows

BE50-4PK

Connect 2 pieces of 1/2" tubing in an "L" shape



1/2" End Closure

EC50-2PK

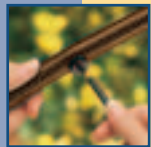
Use with 1/2" tubing to allow easy flushing and draining of the system



Spot Watering Emitters 1.0 GPH

SW10-10PK

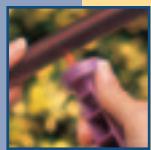
Add supplemental watering to individual plants



Spot Watering Emitters 2.0 GPH

SW20-10PK

Add supplemental watering to individual plants



Emitter Tool

ET-1PK

Multi-function tool simplifies adding or removing Spot Watering Emitters and Plugs



Tubing Cutter

TC-1PK

Stainless steel blade cuts drip tubing cleanly and conveniently