

INSTALLATION AND OPERATING GUIDE

Congratulations! Your choice of the R.I.D. System provides you state of the art features. When used with our all natural environmentally safe products, we are confident you will enjoy many years of effortless treatment of your lawn.

INSTALLATION INSTRUCTIONS

Step 1: Turn off the main water supply before beginning work. See Figure 1.

EXAMPLE INSTALLATION DIAGRAM

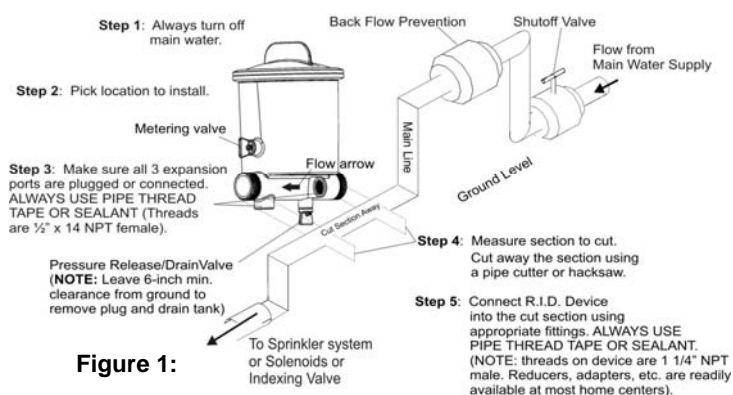


Figure 1:

Step 2: The R.I.D. system should be adequately supported and placed in a convenient location that is easily accessible and away from persistent sunlight. Select a location before the sprinkler systems solenoid or indexing valves and after the main line backflow prevention and manual master shutoff valve. See Figure 1. **Caution:** Be sure to install backflow prevention, as required by local code.

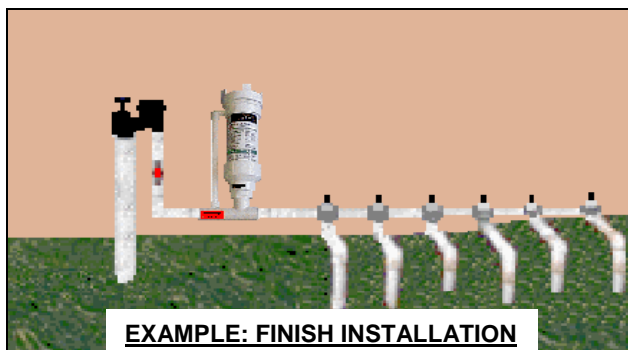
Step 3: In addition to meter and drain valves, there are 3 ports for adding an optional expansion tank (available at RidSystem.com). Two outlets (marked "OUT") on either side of the device are provided for convenience, depending which way the unit is facing. One return (marked "IN") is located on the bottom. These ports must be plugged or connected to an expansion device. Note: Threads are 1/2" x 14 NPT female. **ALWAYS USE A PIPE THREAD TAPE OR SEALANT ON THESE FITTINGS TO PREVENT LEAKS.**

Step 4: Carefully measure the main irrigation line and cut away using a pipe cutter or hacksaw. The R.I.D. device measures 9". **PRIOR TO CUTTING** be sure to factor the appropriate length of any fittings as well. See Figure 1. NOTE: The device will operate with 3/4" - 1 1/4" lines. Reducing pipe alternate approaches can be made by using appropriate reducers, adapters or threaded unions, available at most home centers.

Step 5: Connect the R.I.D. System into the cut section using appropriate fittings. The fittings on the R.I.D. System are 1 1/4" NPT male. **DO NOT OVERTIGHTEN** - tighten by hand or lightly tighten with pipe wrench only. **ALWAYS USE A PIPE THREAD TAPE OR SEALANT ON THESE FITTINGS TO PREVENT LEAKS.** If the fitting leaks, use more tape/sealant. NOTE: Reducers, adapters and other fittings are not included and must be purchased separately.

FYI: The metering and drain plugs that come with the R.I.D. System are straight thread and **DO NOT REQUIRE** pipe thread tape or sealant and should not be tightened all the way down.

Caution: Care must be taken insuring that anything placed into the device tank cannot flow into the water system. Although the system is equipped with built in air gap protection, an approved backflow device such as a, pressure vacuum breaker (PVB), or reduced pressure backflow (RP), *must* be installed upstream from the R.I.D. System as required by local laws. An example configuration is seen below. **IMPORTANT:** The R.I.D. System may operate under constant pressure not to exceed 75 PSI with flow rates between 6-25 GPM. **WARNING! DO NOT OVERTIGHTEN THE LID CLAMP!**



EXAMPLE: FINISH INSTALLATION

OPERATING INSTRUCTIONS

We only recommend using the R.I.D. System with our approved all natural R.I.D. labeled products. **Call or order online: 888-RID SYSTEM or www.RidSystem.com**

Step 1: Turn the water supply shutoff or backflow device valve to the off or closed position.

Step 2: Open the pressure release/drain valve on the bottom of the R.I.D. System allowing the water to drain from the bladder inside the device. Liquid is drained to release pressure for lid removal and to make room for new additive. NOTE: Some water may spray at initial pressure release.

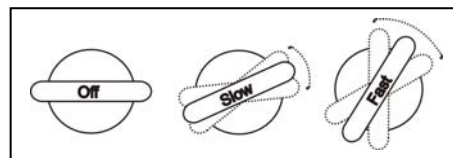
Step 3: While draining, loosen the clamp and remove the lid. When the inner bladder is drained, close the drain valve.

Step 4: With the drain valve closed, add one of our products making sure the tank is full. Once filled, replace the outside lid. Replace and tighten the clamp.

CAUTION! DO NOT OVER TIGHTEN!

Doing so may cause severe damage and void your warranty.

Step 5: Adjust the metering valve on the side of the device as needed. Slower settings are generally for maintenance applications. Faster settings are for knockdown or initial treatments. **NOTE:** The device meters at a maximum of approximately 2 oz. per gallon when fully opened (i.e. 12 o'clock position)



Step 6: **Slowly** turn the water supply shutoff or backflow device valve to the "on" or "open" position. Check for any leaks. If a leak is noted around the lid, make sure the o-ring is properly set in the channel and the clamp is adequately tightened.

Step 7: Use your sprinkler system as normal **OR** Run the sprinkler system manually to target specific zones **OR** To program the system and maximize benefits of fertilization and pest control we recommend:

FOR INITIAL OR KNOCKDOWN TREATMENTS: Run the sprinkler system manually on each zone to be treated for at least one minute with the metering device set in the "FAST" position. NOTE: Circular heads need to make at least one complete swing.

FOR MAINTENANCE TREATMENTS: Set the metering device on a slower setting. For responsible irrigation practices and to target adult pests when they are most active, program your irrigation controller to run each zone for a few minutes at dusk and a few minutes at dawn.

FYI: The amount of product used and how long it will last depends on a number of factors: including meter setting, size of area treated, flow rate/GPM, weather conditions, etc. but a single treatment can last up to several weeks. Larger sprinkler systems with multiple zones may require more frequent filling and might benefit from our optional expansion tank (available at www.RidSystem.com).

CAUTION: All products should be applied in accordance with manufacturer's label instructions and/or local laws. Do not apply in high wind or extreme weather conditions.

Step 8: When the bladder is fully expanded and little or no product is visible through the lid, the sprinkler system will continue to operate as normal and no product will be applied. Refill the R.I.D. System as needed.

WINTERIZING: Winterize the R.I.D. System by shutting off sprinkler system supply valve and opening drain valve on device. Once drained, insulate to prevent cracking. To purchase an optional insulated cover, visit: www.RidSystem.com

Precision engineering enables the device to effortlessly apply our all natural products instantaneously with the correct mixture ratio. With the **R.I.D. Systems'** patented design, you can tailor the products delivered to different parts of your lawn and landscape.