

## **turtledrain instapump instructions**



### **Instructions – Set Up**

1. Remove instapump from carton and check for any damage to the unit.
2. It is important to use a good quality hose that won't kink or collapse. We recommend using a composite reinforced rubber/vinyl hose or a hose with an abrasion-resistant rubber covering, a rigid collar at the faucet end and machined-brass couplings.
3. If your hose does not use O-rings on the ends, replace both washers with an O-ring supplied with your instapump unit. You may use a small amount of lubricant on each washer to make hand tightening of hose connections tight.

### **Instructions – Operating the Pump, Using a Siphon**

1. After set-up, fasten hose to instapump securely and place instapump in the deepest part of the pond.
2. For optimum siphon action, place the discharge end of the hose at a level approximately six (6) feet below the bottom of the pump; e.g. over the edge of a roof, into a drain/sewer, etc. Exercise caution when placing the hose over a roof edge so as not to create a hazardous situation.
3. Activate the pump by foot or hand. When using your foot, make sure shoes are clean of dirt, sand, rocks, etc. (particles may fall off and lodge between the plunger and pump body, which may decrease pump performance).
4. Press down on the pump with slow and steady movement. We recommend **1** pump per **3** feet of hose.
5. Activate the plunger by foot or hand. When using your foot, make sure shoes are clean of dirt, sand, rocks, etc. because particles may fall off and lodge between the plunger and pump body, which may decrease pump performance.
6. Watch for water through the clear U-tube to confirm if water is flowing steady and on its own.
7. Once water is flowing freely through the hose it will continue until the pond is drained to approximately 1/8". The small amount of water remaining will evaporate or can be easily removed with a broom or squeegee.
8. When finished, you can drain another pond or simply disconnect the hose from the instapump and store for later use.
9. Clean the instapump by turning it upside-down and running water through the drain opening. You may stop when water seems to flow clearly and clean.

**Visual Instructions:** [turtledrain.com/itworks.html](http://turtledrain.com/itworks.html)