

# RAINWATER COLLECTION SYSTEM

## USER INSTRUCTIONS

Read these instructions and general information to properly and safely unpack and setup your rainwater collection system. You are responsible for the safe and proper installation and use of the product

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## 214 US Gal (810L) Horizontal

Rainwater Collecting Tank System

214 US Gal (810L)  
Rotational molded PE tank  
Flexible downspout  
Submersible Sump Pump  
Leaf-catcher  
Drain with Plug  
Spigot  
Inlet Pipe  
Access Cover  
Overflow Elbow



RTS Rainwater Collecting System provides an efficient, economical and unique way to store rainwater.

Rainwater stored in the collecting tank is mostly used for watering landscapes and gardens.

Using the collected rainwater can have a significant impact on your water bill and reduce your dependency on the municipal water supply, especially during the hot, dry summer months.

## Installation Instructions



1. If packaged in a box, open the box carefully tipping the tank on its side. Remove the manway cover by rotating it as indicated on the lid. Remove components inside of tank.

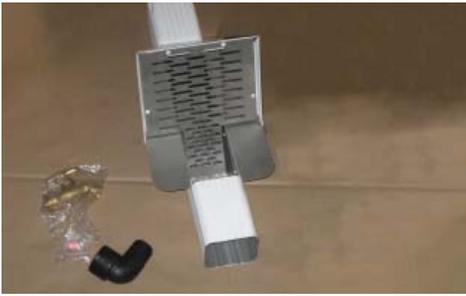
**note:** do not use a sharp object to open the box in order to avoid damaging the tank or other components.



2. Remove the submersible pump in the tank by pulling the flexible hose. Take the pump out of its cardboard box and hold on to any documentation for later reference.



3. Place the pump back into the tank as shown. Ensure that the flexible hose is completely inside the tank.



4. Open the leaf catcher box and ensure none of the components are missing or damaged. The box should contain the following: (a) leaf catcher, (b) brass spigot, (c) overflow elbow and (d) small roll of Teflon tape. Instructions will also be included in this box.



5. A location should be selected close to an existing downspout and relatively close to the house to prevent obstruction and ease of installation. Be aware of the dimension of each tank, and ensure that there is more than enough space for the tank to be permanently placed into that location.



6. Clear the location from obstructions and even out the area with a spade, shovel or rake, depending on the existing surface. The ground below the tank must be level to prevent the tank from slopping. It is suggested the grade be slightly tilting in towards the building so that the tank leans just slightly towards the building and not away from it.



7. The best solution for placing the tank is to have a solid base which can be made of large patio stones / walkway stones or to pour a concrete base. Lay the stones into place providing enough area for the footing of the tank.



8. Level the stones to ensure that the tank sits flat and does not tilt and risk tipping. Adjust as required. Check for final level and place the tank in position.



9. Position the tank leaving at least 3 inches of space from the wall. Be aware that the spigot goes on the bulkhead that is attached to the pump and flexible hose. Check for clearance on all sides and be sure the tank is not creating an obstruction for anything else.



10. Using the provided roll of teflon tape, wrap 2 layers of tape on threads of the spigot and the overflow elbow to ensure proper installation and seals.



11. Attach the spigot to the bulkhead connected to the pump inside the tank and hand tighten. Using an adjustable wrench, tighten the spigot another full rotation after hand tightening.



12. The other bulkhead at the top edge of the tank in used for the overflow. Attach the overflow elbow and hand tighten. A hose can be attached to redirect water overflow.



13. Place the access cover / lid in place and lock into position.



14. Locate the existing downspout that you will be using and remove sections of the downspout so that the remaining pipe is at least 1ft. higher than the top of the tank. Place the leaf catcher in position with the grate facing up, and using a 1/8" drill bit, drill through the leaf catcher and the downspout.



15. Using the provided screws attach the leaf catcher to the downspout. Use two screws at this connection.



16. Place the square end of the flexible downspout in place and using a 1/8" drill bit and the provided hardware, attach the flexible downspout to the leaf catcher. Use two screws at this connection.



17. Attach a hose to the spigot if desired and plug the pump electrical chord into a GFI outlet for operation.

Note: Ensure that the unit is unplugged when not in use.