



# Bushman Tank

## Installation Guide

Congratulations on your selection of a Bushman Tank.



Bushman is known around the world for its quality products. Your purchase of a Bushman tank demonstrates your commitment to water conservation.

Bushman has designed and manufactured your tank to give you long, trouble-free service. In the unlikely event that a manufacturing fault emerges, it will be fixed or replaced at no cost to you. Please see our limited warranty document for details.

The important information included in this Installation Guide will help you prepare for the arrival and installation of your Bushman tank. Remember, your tank must be installed correctly to ensure long life and so as to not void your warranty.

Be aware that the tank is a confined space. **DO NOT EVER ATTEMPT TO ENTER THE TANK.**



### SECURING YOUR TANK

When your tank arrives, please put at least 1" of water into the tank or otherwise secure it from being blown away by unexpected winds. Bushman takes no responsibility for tanks being damaged in this manner.

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### ABOVE GROUND TANK POSITIONING ON A PAD

1. Prepare a level area at least one foot larger than the diameter of your tank. Installation on a level surface is critical. Install 3-4" of crushed drainage rock (3/4" stones) and tamp to make level. Alternatively, a concrete pad or pavers can be used.
2. Locate your water tank near an existing downspout or water source. If installing your tank with a BCK-0001 first flush accessory kit (recommended) keep the tank within 6' of the water source. The BCK-0001 has precut lengths of pipe that are 6' long.
3. The tank is moved into position. If positioning requires a crane or other equipment, this cost is at the purchaser's expense.
4. The tank must be tied down to prevent it from being blown away. Adding an inch or two of water in the tank will help keep it secure.

## ABOVE GROUND TANK POSITIONING ON A STRUCTURE

1. Prepare a structure that has hardwood decking with gaps no greater than 1 inch. The decking should be supported structurally by bearers strong enough to prevent sagging of the decking when the tank is full.
  2. Locate your water tank near an existing downspout or water source. If installing your tank with a BCK-0001 first flush accessory kit (recommended) keep the tank within 6' of the water source. The BCK-0001 has pre-cut lengths of pipe that are 6' long.
  3. The tank must be lifted into place by crane or similar equipment (equipment hire is at purchaser's expense).
  4. The tank must then be tied down to the tank stand to prevent it from being blown away. Adding an inch or two of water in the tank will help keep it secure.
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## WINTERIZING YOUR TANK

The water in your storage tank system is at risk for freezing in the winter months, depending upon your climate and geography. Bushman recommends that you winterize your tank when there is the threat of freezing weather. The best solution is to drain your tank system. Be certain to drain any excess water from all hoses, and make sure any pump units are dry. Please note that our limited warranty programs do not cover any damage resulting from freezing conditions.

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## INSTALLATION

With the tank positioned on the pad or structure, install 3" SDR35 type pvc from the gutter or downspout into the pre-cut hole in the strainer lid on top of the tank. Alternatively downspout material could be used to convey the water into the tank through the same opening.



When installing the 3" pvc pipe or downspout be careful to keep the end of the pipe up above the screened basket under the lid. This gap will allow debris to flow out of the pipe and into the basket for removal later.



Next, locate the overflow extension screen (①) for your tank. Install it onto the tank overflow fitting (②) by pressing it on.



Next, locate the 3" white pvc 90 deg. elbow fitting (①). Glue this to the overflow extension with the appropriate glue for abs/pvc. After that measure and cut a length of 3" SDR-35 pvc pipe (②) that will convey the water coming out the overflow down and away from the building. (This pipe is optional and purchased separately at your own expense) An overflow pipe could also be connected back into area or french drain systems located on the property.



Your tank will require a drain valve to be installed to release the water from the tank. This item is purchased separately at your own expense. Here are a couple suggestions:

1. Add a ball valve (recommended) with a hose thread adapter.
2. Add a spigot.

Both of these connections will require an adaptor fitting or reducer to attach. If uncertain about what to do please take a picture of the black bulkhead fitting with you to the store for reference. The opening of the bulkhead on the bottom of the tank is 1" NPT.



Make sure any un-used discharge bulkhead fittings have the factory-provided plug installed and tightened with teflon tape to prevent leaks.



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## MAINTENANCE

### *Strainer basket cleaning:*

Remove the 3 screws holding the lid and strainer down on the top of the tank. Inspect the basket for debris, clean as required, and re-install.



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### *Overflow Extension Cleaning:*

Pull the press fit screened overflow extension fitting off the overflow. Inspect the screen for debris and clean as required. Re-install by pressing it back on the overflow.



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