



### Onion Tank Installation & Use

Onion tanks are often used for emergency water supply or aqua farming. We strive to build the easiest to use, most durable and innovative products on the market today. Portable Tank Group self supporting onion tanks are a **lightweight frameless portable water tank** and **requires no assembly** to operate the tank itself.

**Please follow the instructions below** for installation and use:

1. Determine the location you will be setting up your tank. Make sure the area is free of sharp objects such as pointed rocks, sticks or other foreign debris. If needed cover level ground to protect tank. The tank is stable itself.
2. If a ground cover is required spread it out in the chosen area for the tank and secure it at the corners.





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3. Please be aware of that the heavy duty foam collar [onion tank](#) is for immediate use but requires more space. The heavy duty air collar tank has a higher response time, requires less space but needs additional accessories to pump up the air collar. Both tank styles can be quickly filled by one person with a standard 2 1/2" hose.
4. Remove your self supporting tank from the storage bag, unroll it in the first direction then the other direction. Last, center the tank on the ground cover.
5. Pull all wrinkles out of the tank base or tank floor by pulling at the base seam, away from the tank's center.
6. Be sure all fittings are closed or plugged.
7. The foam filled collar will stand up by itself. The air filled collar must be filled with air BEFORE any water is put in the tank. That will allow the sides to float which in turn raises the side level of the tank in unison with the water level. Please handle the air collar with care. They are made from the same material as the tank so they are very durable but not indestructible.





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8. To fill the air filled collar you can use a wide variety of equipment:
  - a. Old SCBA units (self contained breathing apparatus) if the tank is being used strictly for firefighting. You can use them as an air supply or the firefighting trucks may be air equipped.
  - b. A simple air hose fitted with a tire inflator chuck.
  - c. A leaf blower.
  - d. A shop vacuum cleaner in reverse for blowing.
  - e. Or any other air device. With the valves Portable Tank Group provides, basically any air device can be used. In an extreme emergency the air filled collar could be inflated by mouth.
  
9. Your self supporting [onion tank for emergency water storage](#) is now ready to be filled.
  
10. To fill the tank you will need some sort of fill device, either a charged hose from a pump, truck or hydrant that can connect to the coupling or filled directly from the top opening of the tank. Also a fire tank truck can dump the water in the tank from its dump chute.

Note: The tanks sides are self rising and will automatically raise with the level of the water.





### Onion Tank Care & Use

#### Draining & Storing your [Onion Tank](#):

1. To drain open valve or remove plugs or caps, whichever applies.
2. You may push down on the side of the tank to speed up the draining process.
3. After draining the tank first you deflate the air collar. The air collar could be deflated before draining but remember, with this action you could lose the control of where the water is directed.
4. Once empty spread the base out if not already done and roll the tank in one direction to create a cigar like shape.
5. Next roll the tank from one end to the other, creating a coil, then roll it back into the storage bag.

The material your tank is made of is mildew and rot resistant. If used with water it does not need to be 100 % dry before storage.

#### Maintenance

1. Keep bearing grooves free from dirt and debris.
2. Occasionally inspect gasket for anywhere, replace when needed.
3. Inspect threads for any damage. Some minor thread damage can be filed.

Portable Tank Group fittings are guaranteed to perform as expected or they will be replaced at no charge.

