

# Winterization, Maintenance, & Storage Tips



*"Do I have to take my aeration/fountain system out of the water in the winter?"*

This is going to be one of the most popular questions our customers will be asking you over the next couple of months. They will be focusing on how to actually remove their aerator, maintain and store it. Here are some answers:

If you live in a region of the country that experiences long periods of cold weather it may be necessary to take the aerator out of the water. Know that damage caused to the unit due to freezing in will NOT be covered under warranty. For our recommendations, refer to the side bar at right. ➡ ➡ ➡

## Maintenance

Even though Otterbine units are virtually maintenance free, once the system is successfully removed a quick visual inspection should be performed. Glance over the float and spin the impeller to make sure the bearings are free. To ensure that the unit is in prime condition when it is re-installed, this is the ideal time for an oil change where applicable. In order to uphold some warranties and for optimal functioning, Otterbine recommends an oil change after the third running season.

## Winter Storage

### Oil Cooled Units:

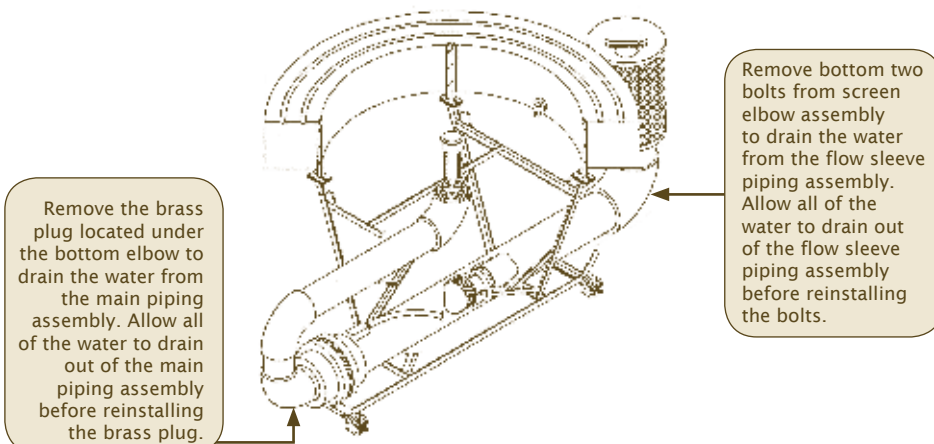
(Aerating Fountains (C3), Large Aerating Fountains, Concept 2, Aqua Series)

The unit/float should never be stored in an upside down position (float down), this could create oil leakage. For proper storage stand the unit/float upright or tilted on its side with the bulkhead connection facing upward.

### Water Cooled Units:

(Giant Fountains, Instant Fountains)

Due to the water lubricated motor, the motor and pump must be stored in a heated area that stays above 32 degrees Fahrenheit/0 degrees Celsius. For Giant Fountains you will need to remove water from piping for storage and/or winterization. (Refer to illustration below, or in the service manual for complete instructions.)



## WINTER TIPS

### Remove These Units From Water In Winter

Otterbine recommends that you winterize and take the following units out of the water in the winter if you live in freezing climates:

#### Aerating Fountains/C3:

- › Rocket
- › Comet
- › Phoenix
- › Tri-Star
- › Constellation
- › Genesis
- › Equinox

#### Large Aerating Fountains:

- › Orion
- › Apollo
- › Venus
- › Equinox

#### Industrial Aerators/C2:

- › Triton Aspirator

**Giant Fountains:** All Patterns  
**Instant Fountain**

### Units That *Can* Remain In Water During Winter\*

The following units can stay in the water, however they should be run a minimum of 12hrs a day, preferably 24hrs a day to avoid freezing in and damaging the motor/pump. (NOTE: If you experience severe weather for prolonged periods we suggest that you remove and store the unit.)

#### Aerating Fountains:

- › Sunburst
- › Gemini
- › Saturn

#### Large Aerating Fountains:

- › Neptune
- › Starburst

#### Industrial Aerators:

- › High Volume
- › Triton Mixer
- › Sub-Triton Mixer
- › Sub-Triton Aspirator
- › Air Flo 2

#### Aqua Series

*\* If power is shut down and the unit is frozen in, you must wait until the ice clears to turn it back on or severe motor damage may occur.*