

# Pre-Season Water System Preparation

Follow this guide to prepare your leisure vehicle for the new season

## Why should I follow this Guide?

Over the winter months bacteria can grow in your water system. Particles of minerals and dirt gather in joins and any undrained areas. To check the system hasn't suffered any frost damage over the winter and floods your van.

## After following this guide, change your water filter

If you have a Whale AquaSmart system, change your Whale WF3000 Water Filter.  
If you have an in line filter in your plumbing system, Whale recommend you your plumbing system, Whale recommend you use **WF1230 Aquasource Water Filter**.

Close all drain valves in your van's water system.

Re-attach your shower head.

Ensure all taps and showers are positioned over sinks and drains.

Check condition of leisure battery, if it is below 12V please connect to mains electricity supply.

**M'HOME** Rinse out fresh and waste water tanks with water, add a non-caustic cleaning and purifying agent  
**C'VAN** Add a non-caustic cleaning and purifying agent to the fresh water tank.

Completely fill your fresh water tank with tap water.

Leave the hot tap that is furthest away from the water heater fully open, close all remaining taps and showers.

Turn on isolation switch for water pump, normally found on the control panel or in a menu within the control panel's software.

You should hear the pump running or the pressure coming from the open hot tap.

Water will pop and splash as it comes from the hot tap, it will take some time for a flow of water to arrive as the water heater needs to fill up first.

Once an even flow is achieved, work back towards the water heater, opening the next furthest away hot tap until all have been opened and there is a smooth water flow.

The next stage is to close all hot water taps and open the cold water taps in the same order as the hot taps, beginning at the furthest away cold tap.

When an even flow is achieved through all the taps in your van close all the taps.  
The pump should turn off (after a few seconds if it is a pressurised system).

Remain in your van after the pump has stopped and inspect all the taps and shower heads for leaks.  
You may need to dry them down first to spot any leaks). If there is access to the underside of the taps check for water leaks.

## Have you found a water leak?

NO

YES

While checking the taps and showers you may hear the pump turn on and off a few times.  
If you hear this, turn on and off all the taps for 10 seconds individually to remove any trapped air from the system.

If there is a water leak coming from the connections on the underside of the tap try to push them home or tighten them with a spanner depending on the connections.  
If the leak originates from a crack or an unknown source check the rest of the taps and showers before turning off the water pump.  
Then drain the water system as the water pressure will continue to escape through the leak and will cause water damage to your van.  
Contact your local dealer to rectify the leak(s).

If the pump continues to run intermittently for short bursts this can indicate a leak as pressure is being lost.  
Follow all the water pipes and check if there is any water leaking from joints or if a pipe is burst.

Should you find a leak at a joint, tighten the joint or push the pipe fully into the Quickfit fitting to dry up the water and wait to see if the problem persists

If you find a burst pipe or damaged tap/shower we recommend that you contact your nearest Caravan/Motorhome dealer.

After the cleaning agent has remained in the system for the required time, purge the system by running 2 or 3 full tanks of water through the system using all taps and showers in the mixed position.

Change your filter.

Finally your system is ready for use.

If you have successfully carried out this guide please check your water heater is functioning correctly, to do this please follow the manufacturers instructions.  
Enjoy the new season.

**Note: These pre-season tips are intended as a general guide only. For servicing and product advice for your specific vehicle, contact Whale Support:**  
Tel: +44 (0)28 9127 0531 Fax: +44 (0)28 9146 6421  
Email: info@whalepumps.com

# Getting Ready for the Winter

Follow this guide to prepare your leisure vehicle for winter

## Do you own a Caravan or Motorhome?

Ensuring that all water is removed from the caravan/ motorhome's pipework, taps and appliances will reduce the risk of frost damage occurring. Frost damage can occur when water left in the system freezes and expands, causing pipework and appliances to split, crack or burst.

Ideally position caravan/motorhome so the drain valves are at the lowest point i.e. tilt the caravan/motorhome or park on a slope.

Turn the pump off.

Open all taps/mixers in the mid position, including the external shower (if fitted).

Remove shower handset (including the external shower, if fitted) and shake water out.

Open water heater drain valve and leave open.

Open on board tank drain valve (if present) and leave open.

Where grey waste tanks are fitted, remove all sink plugs and open the drain tap.

Open any other drain points (if present).

External water components - shake water out of pump/AquaSource/AquaSmart filter assembly and store inside the van.

Internal pump - turn on and allow to run to expel additional water for 2 minutes.

If internal pump is accessible disconnect outlet pipe and turn on pump to purge water into an adequate basin. Only reconnect pump when water system is to be used.

**Before following this guide**, ideally carry out this procedure prior to moving the caravan/motorhome to its winter storage location. (The movement of the vehicle will encourage residual water to drain from the system).

## USER TIP

If mains electric hook up is available and a Whale Space Heater is fitted select 500w electric (-) and set temperature to frost protection.

## USER TIP

Fully drain /empty holding tank and flush tank of toilet in accordance with the manufacturer's instructions.

## USER TIP

Ensure the gas is turned off at the bottle.

## USER TIP

Do not close the fridge door tightly, leave ajar to prevent mildew forming.

## USER TIP

To maintain the battery periodically charge throughout the winter.

\*Please note: Where 'wet' heating systems are fitted, please refer to the manufacturer's instructions for winterising. These winterising tips are intended as a general guide only.

For servicing and product advice for your specific vehicle, please contact Whale Customer Support:

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