



Winterize your Cottage in 10 Simple Steps.

WINTER PROOF™
Water System Antifreeze



Step 1

Turn off power to the water pump and hot water tank.

Turn off the power in the hot water tank to protect the heating elements from trying to warm water that is no longer there.



Step 2

Work on interior plumbing first.

Ideally, all the supply pipes will drain to one point, and the water supply lines will gradually slope down to a single set of drain valves. If your cottage isn't set up this way, you may have to crawl under the cottage to find out where all the pipes go and where the valves are located.



Step 3

Open drain valves and make sure all taps (inside & outside) are open.

Leave all valves and the taps open over the winter so that any remaining water can drain out.



Step 4

Attach an air compressor to the drain valve.

If you think there may still be water in the line from improper drainage or sagging pipes, blow any excess water back through the open taps.



Step 7

If you have a submersible pump, leave it in the water during the winter.

A drain valve installed on the waterline just above the lake's high-water level will let you drain the line from the cottage to where the pipe enters the water, decreasing the chances of freezing and cracking over the winter.



Step 6

If you have a jet pump, remove the drain plug.

Drain the water between the pump and the pressure or gravity tank. The priming plug should also be removed and stored in a safe place. Add 500 mL of WinterProof™ Water System Antifreeze to the jet-pump case to protect the casing and impeller inside it from freezing. Disconnect the waterline to the pump and pull it onto the shore. Disconnect the foot valve and store it in a secure place to prevent any damage.



Step 5

Drain the pressure/gravity tank and hot water tank.

If the pressure tank is located somewhere other than below your cottage, make sure the line to the cottage is also drained. The pressure tank relies on a rubber diaphragm to create and hold the pressure to push water through the plumbing lines. If water is left inside the holding tank, it will freeze and possibly destroy this rubber diaphragm, making the tank useless.



Step 8

Winterize the toilet.

Flush the toilet to get as much of the water out of the tank and bowl as possible. Some water will be left at the bottom that should be removed with a small cup or a sponge. Add 1 to 2 litres of WinterProof™ antifreeze to the bowl to prevent any remaining water from freezing and cracking the toilet, and to stop sewer gas from venting back through the toilet trap. Add another litre of WinterProof™ antifreeze to the tank and make sure the bottom rubber flapper in the tank is tied in the up position to prevent it from sitting in the plumbing antifreeze.



Step 9

Winterize the sink & tub.

Pour 500 mL of WinterProof™ antifreeze down every sink and tub drain.

It is normal for the product to become 'slushy' and freeze in sub-zero temperatures but it will not damage the system.



Step 10

Winterize the shower.

Pour 1 litre down the shower-stall drains. The traps under the drains hold water that prevents sewer gas from coming up through the drains. If left unprotected, the pooled water in the traps may freeze and crack the traps.



Stop Ice Cold.
With BurstGuard™ -50°C Guarantee



Winterize your Above Ground Pool in 10 Simple Steps.

WINTER PROOF™
Water System Antifreeze



Step 1 Check and balance the water chemistry.

A few days before closing your pool, test the water for pH, total alkalinity, calcium hardness and chlorine. It's important to get the water balanced in order to prevent any corrosion or scale buildup during the winter.



Step 2 Clean all the surfaces of the pool.

Clean the pool before winterizing. Brush and vacuum the sides and floor. Use a clarifier to make the water crystal clear. Lower the water level while vacuuming (set filter to waste to bypass the filter). Clean the tile line to remove any oil and scum.



Step 3 Add winterizing chemicals.

Using winterizing chemical kits are an easy way to help protect the water quality. Follow the kit instructions carefully. If you own a larger size above ground pool, consider adding more algaecide and shock.



Step 4 Clean the filter system.

Clean the filter, skimmer, and pump basket. Remove all unused chlorine product from the chlorinator. Spray cartridge filter elements and D.E. (diatomaceous earth) grids with cleaner and rinse with a garden hose. Then backwash the sand filters.



Step 7 Add water system antifreeze.

Repairs can be extra costly if pool waterlines or drain pipes freeze and burst. Pool antifreeze prevents any water that might be left in the lines from freezing and cracking the pipes. Add WinterProof™ Water System Antifreeze with the BurstGuard™ -50°C Guarantee to plumbing and install threaded winter plugs to the return fittings to keep water out of lines.

It is normal for the product to become 'slushy' and freeze in sub-zero temperatures but it will not damage the system.



Step 6 Clear the plumbing lines.

Pool plumbing lines should be cleared because water left in the lines can freeze and expand causing the pipes to crack or burst. Using an air compressor or shop vac, blow water out of system by forcing air down the skimmer and through the plumbing.



Step 5 Lower the water to prevent ice damage.

Lower the water level below the returns and skimmer. Do not completely drain above ground pools because hydrostatic pressure can cause damage.



Step 8 Close the filter system.

Remove all drain plugs from the pump, filter tank and any other pool equipment. Follow the manufacturers' instructions for the equipment. Place all drain plugs in a pump basket for easy storage.



Step 9 Add air pillows.

Inflate the air pillow or pillows if you have a larger pool. Tie off the pillow or pillows in the center of the pool. Air pillows help to shed water toward the edge of the pool for easy removal. They also allow forming ice to crack inward in order to prevent damage to the pool's shell or structure.



Step 10 Cover the pool.

Pull the winter cover over the pool surface. Secure it with the cable and winch under the top ledge of the pool. In high-wind areas, we suggest using a winter cover seal or plastic wrap material that is wrapped around the pool to prevent the wind from getting under the cover.



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Winterize your Inground Pool in 10 Simple Steps.

WINTER PROOF™
Water System Antifreeze



Step 1

Clean all the surfaces of the pool.

Begin by skimming the water with a pool skimmer to remove leaves and debris, and brush the walls with a pool brush. Clean the skimmer baskets and vacuum all surfaces.



Step 2

Check and balance the water chemistry.

Run the filter system and shock the water a few days before closing. After shocking the pool, check the water balance a few days later. The pH should be between 7.2 and 7.6. Increase or decrease pH levels accordingly.



Step 3

Backwash the filter to clean the filter element.

If you have a heater, turn it off. Turn off the filter and set the multi-port valve to BACKWASH. Turn the filter on and let it run for 3-5 minutes, until the water in the site glass is clean. Shut off the system and turn the valve to RINSE. Run the system for 30 seconds and then turn it off. Open the pressure relief valve near the pressure gauge.



Step 4

Lower the water to prevent ice damage.

Lower the water a few inches below the skimmers or decorative tile. With the filter off, turn the valve to WASTE. Close the skimmer valves and keep the main drain open. Then turn on the filter system until the water reaches the proper level. Turn off the system.



Step 7

Add water system antifreeze.

Repairs can be extra costly if pool waterlines or drain pipes freeze and burst. Pool antifreeze prevents any water that might be left in the lines from freezing and cracking the pipes. Remove the winterizing plugs in the skimmers and add about 2-3 litres per line of WinterProof™ Water System Antifreeze with the BurstGuard™ -50 °C Guarantee.

It is normal for the product to become 'slushy' and freeze in sub-zero temperatures but it will not damage the system.



Step 6

Clear the plumbing lines.

Pool plumbing lines should be cleared because water left in the lines can freeze and expand causing the pipes to crack or burst. Connect an air compressor to the pool pump. Using low pressure, force out the water in the lines through the skimmer, main drain and return lines. Close-off the skimmer and returns with winterizing plugs.



Step 5

Prepare filter elements for storage.

Cartridge and Diatomaceous Earth (D.E.) filter systems can be disassembled for winter storage. Sand filters do not need to be taken apart unless you are changing the sand.



Step 8

Close the filter system.

Remove the rest of the plugs on the filter system. Also remove the site glass and pressure gauge. Store them in the pump strainer basket inside the pump and cover the system.



Step 9

Drain pool heater.

If your pool has a heater, drain it completely before the first frost to prevent any damage from freezing water in the heater and piping.



Step 10

Cover the pool.

Check the cover to make sure it is in good condition. Clear out any pool accessories. Starting at one end of the pool, unfold the tarp and pull it over the pool without it falling in the water. During the off-season, remove any water, leaves and snow from the cover.



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Winterize your RV in 16 Simple Steps.

WINTER PROOF™
Water System Antifreeze



Step 1

Lower trailer to drain fresh water tank.

Lower the trailer slightly with the jack to allow better water flow out of the tank.



Step 2

Remove drain plug or tap to empty fresh water tank.

Remove the drain plug on the fresh water tank. This plug is fitted as original equipment. Your RV may already come with a drain valve or tap.



Step 3

Open taps to drain water... kitchen, bath sink, tub & toilet.

Open your kitchen sink taps, bathroom sink and shower taps to empty all remaining water down the drain. Flush the toilet. If you have an outside shower remember to drain that too.



Step 4

Ensure water heater is turned off.

Make sure your water heater is off. We don't want to empty the water heater with the propane on and ignite it.



Step 5

Drain water heater. Release pressure & remove anode knob.

Drain the water heater. Locate the water heater on the outside of your trailer and open the cover. Pull up the handle on the pressure relief valve to release any pressure.



Step 6

Apply Teflon tape to threads. Reinsert anode rod.

Re-insert the anode rod after the water heater is empty. It's a good idea to apply Teflon tape or appropriate fitting compound to the fitting threads to avoid leakage. Re-insert the anode rod and tighten it.



Step 12

Turn on pump for 15 seconds.

Turn on your pump for fifteen seconds to let the pump run dry. Don't overrun your pump when it's empty.



Step 11

Close valve from fresh water tank. Open pump suction line valve.

Close the valve from the fresh water tank so WinterProof™ Water System Antifreeze does not enter and then open the valve to the suction tube.



Step 10

Locate fresh water tank & pump suction tube.

Locate the fresh water tank and tube that will allow the pump to suck up antifreeze to winterize the system. If you do not have a suction tube you can purchase a winterizing kit at an RV service center.



Step 9

Close cold & hot water valves.

Close both the bottom and top valves to prevent WinterProof™ Water System Antifreeze from entering the water heater.



Step 8

Locate water heater & remove access panels.

You want to fill the water lines in the trailer with WinterProof™ Water System Antifreeze. However you do not want any antifreeze to enter the water heater.



Step 7

Connect sewer line. Drain black & grey water tanks.

Ensure that the black and grey water tanks are empty. Always empty the black water tank first then the grey water tank.



Step 13

Turn off all taps in kitchen & bathroom.

Turn off all your taps prior to filling the lines with WinterProof™ Water System Antifreeze.



Step 14

Place suction tube in antifreeze & turn on pump.

Place the suction tube into the jug of WinterProof™ Water System Antifreeze and turn on the pump. Exchange antifreeze jugs as they become empty.



Step 15

Turn on taps until antifreeze appears.

Turn on both the cold and hot water taps throughout until pink WinterProof™ Water System Antifreeze appears. You'll want about a cup of antifreeze to run into the toilet. Open the outside shower to fill this waterline with WinterProof™ Water System Antifreeze.



Step 16

Pour antifreeze into kitchen & shower/bathtub drains.

Pour about two cups of WinterProof™ into the kitchen and bathroom sinks and the shower or tub drains. Clean up any spilled antifreeze.

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