PoolBurg freeze guide

# How to winterize your Glacier pool cooler

### For Glacier GPC series pool coolers

A Glacier cooler chills the pool by spraying water past a fan. Water collects in the basin at the bottom, where a small pump sits. For winter the cooler needs three things: off, drained and covered.

**You run the cooler by hand, with valves**

**Follow every step**

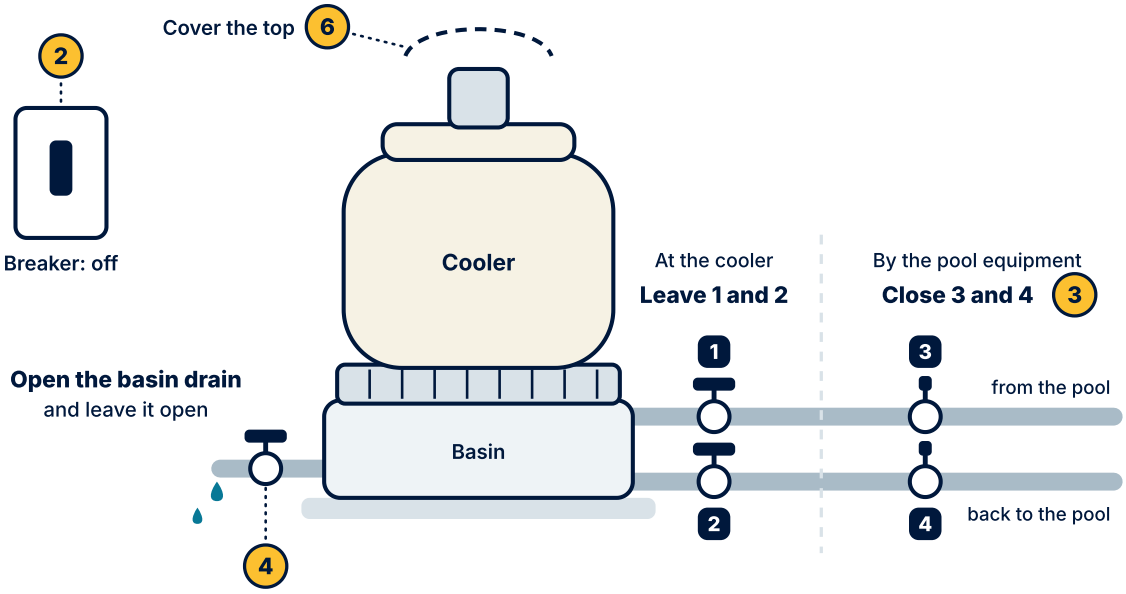
Steps 1 to 6, in order.

**An app or a control panel runs the cooler**

**Skip the valves**

Do steps 1 and 2, then steps 4, 5 and 6. The motorized valves close on their own when the cooler is off.

**You need:** A garden hose · A cover or a tarp




The gold numbers match the steps. The dark squares are the valve numbers Glacier uses. Your pipes may run a different way.

## Shut it down for winter

**Step 1 — Turn the cooler off**

By hand: switch the fan off at the cooler. By app or control panel: set cooler or chiller mode to Off.

**Step 2 — Cut the power**

Switch off the breaker for the cooler, so the fan and the basin pump cannot start over the winter.

### 3 Step 3 — Close valves 3 and 4

These are the two shut-off valves on the pipes between your pool equipment and the cooler: one on the pipe going in, one on the pipe coming back. Close both. Leave valves 1 and 2 alone. Those are the two small valves at the cooler that your installer set and marked, and moving them changes how the cooler runs.

> If your cooler has motorized valves, they close when the cooler is off. Check that both show closed.

### 4 Step 4 — Open the basin drain

It is the 1-inch ball valve low on the left side of the basin. Open it and leave it open all winter. Rain then runs straight out, and the basin pump never sits in water.

### 5 Step 5 — Rinse the basin

With the drain open, hose the leaves and dirt out of the basin, most of all around the small pump.

### 6 Step 6 — Cover the top

Put a cover or a tarp over the fan to keep leaves out. Take it off before you run the cooler again.

**Your pool pump and the rest of your equipment keep running as normal. In a freeze, protect them with the pool equipment guide.**

## Start it again in summer

### 7 Step 7 — Uncover and clean

Take the cover off. Clear leaves from the fan guard and the basin, and hose the cooler down.

### 8 Step 8 — Close the basin drain

The cooler cannot fill with the drain open.

### 9 Step 9 — Switch the breaker on

Power is back at the cooler, but leave it off for one more step.

### 10 Step 10 — Start it

By hand: start the pool pump, open valves 3 and 4, then switch the fan on. By app or control panel: set cooler mode to On.

### 11 Step 11 — Give it enough water

With a variable-speed pump, run it at high speed while the cooler is on. At low speed the spray arms stop and the cooler does not cool.

> If the spray arms do not turn, or water spills out of the top, switch the cooler off and call or text (469) 277-9893. Do not adjust valves 1 and 2 yourself.

## Do not

- **Do not move valves 1 and 2.**
- **Do not leave water sitting in the basin over the winter.**
- **Do not reach inside the cooler unless the power is off.**
- **Do not set anything on top of the cooler, or block its sides, while it runs.**

## Found a crack, or want us to do it?

Call or text **(469) 277-9893** and send a photo of what you see. We repair and replace pumps, filters, heaters, heat pumps, chillers and Glacier coolers.

These steps fit most setups in Texas. Yours may differ. If something here does not match what you see, stop and text us a photo.

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