



# AQL-CHEM

## Winterizing Instructions

### **IMPORTANT**

**Do not allow probe tips to dry out.**

In one hour of dry air, probes will be permanently damaged.

**Do not over-tighten probes in probe cell.**

Too much stress on the plastic can eventually cause cracking and leaks.

## Winterizing

The AQL-CHEM probes must be protected from freezing conditions. If the pool is winterized, plan to remove, clean and store the probes (using the supplied probe caps) as part of the normal pool winterizing process. The Probe Cell and related plumbing must be drained as well. BNC connectors should be capped with the included protective covers.

## Probe Cleaning

The probes should be clean and free from oil before storing. To clean the probes, turn off input power to the Aqua Rite Pro or Pro Logic. Disconnect the probe connectors from the communication box, unscrew the probe and carefully remove them from the Probe Cell. Clean the reference junction (the white ring at the bottom of the probe body) with a soft toothbrush and regular tooth paste. A household liquid dishwashing detergent may also be used to remove any oil. Rinse with fresh water, and store the probes in water with the supplied probe caps.

## Probe Caps

Fill the probe caps with enough water so that the probe tips will be submerged while the probes are stored.

## Probe Storage

Store the probes with the supplied probe caps in a location that will not be subjected to freezing temperatures.

## Spring Startup

Refer to the back page for specific information on how to install probes in the Spring.

Hayward Industries  
400 Connell Drive, Suite 6100  
Berkeley Heights, NJ 07922  
Phone: (908) 355-7995  
[www.hayward.com](http://www.hayward.com)



# HAYWARD®

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#### 1. Checklist:

- Ensure probe cell is plumbed into the suction and return lines properly – the return line enters the left valve, the suction line enters the right valve.
- Ensure pump and filter are operational and system is ready to circulate.
- Have Teflon tape available
- Pliers or adjustable wrench may be required to remove probe storage caps.

#### 2. To hydrate the probe cell, pour a glass of water into the probe ports. This fills the cell and makes it safe to install the probes.

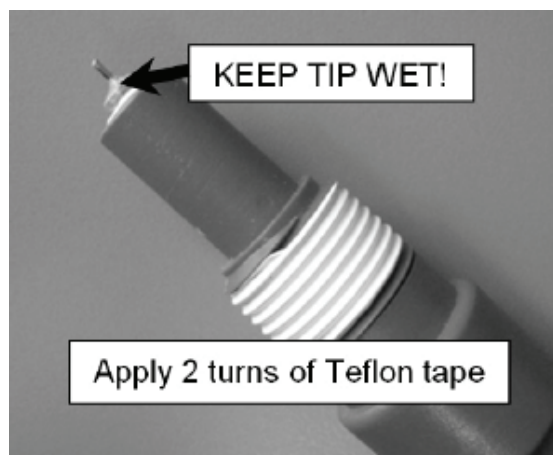
#### 3. Unpack probe and remove probe storage cap by hand. If a tool is required, only grip the cap, not the probe body.

#### 4. Save probe storage caps for future off-season storage of probes.

#### 5. Clean off any existing Teflon tape and Wrap 2 turns of new Teflon tape on the probe threads.

#### 6. Gently hand-tighten probes in probe cell. Do not grip the probes with a tool. Do not over-tighten or the probe cell may crack over time!

#### 7. Open inlet and outlet valves, operate filter pump and verify water movement in cell. If probe leaks, do not tighten more—instead remove and re-apply new Teflon tape.



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