HAYWARD®

Technical Updates for Pool Professionals

See below for this month's updates.

And visit our Support Center on Hayward.com for immediate access to Troubleshooting Guides, Quick Reference Guides, Manuals, Parts Diagrams, and Instructional Videos.

https://www.hayward-pool.com/shop/en/pools/support-center

Feb./2020

1. **Controls:** OmniLogic
   Low salt capability with OmniLogic

2. **Controls:** OmniLogic
   Information on OmniLogic Expansion Panel

3. **Robotic Cleaners:** AV600/AV650
   The motor box is not field serviceable

4. **Heat Pumps:** Heat Pump Analysis Program
   Where to find the heat pump cost analysis program on the Hayward website

Low-Salt with OmniLogic R3.2.0

Low-salt usage
OmniLogic systems running R3.2.0 are now capable of working with salt as low as **800ppm**.

Firmware
OmniLogic firmware R3.2.0 or higher must be installed on both the **MSP** and **MPP** to use the Low-Salt feature.

Cells
With the R3.2.0 firmware update, all current Hayward TurboCells (T-Cell3, T-Cell9, T-Cell15, T-Cell925 & T-Cell940) are capable of operating in Low-Salt mode.

Notes

- Only OmniLogic systems running R.3.2.0 or higher are capable of Low-Salt use

- The AquaRite with daughterboard is **not** capable of operating in Low-Salt mode

OmniLogic Exansion Panel

Features

The **HLEXPAND** adds the following features to your OmniLogic:

- Control up to 4 (expandable to 8 using HLRELAYBANK) high voltage (120/240V) relays. Two more relays (HLRELAY) can be added to the HLEXPAND for a total of 10

- Control up to 4 (expandable to 8 with HLIOEXPAND) automatic valve actuators

- Control up to 4 (expandable to 8 with HLIOEXPAND) heaters or low voltage equipment

- Inputs for up to 4 temperature sensors or external input devices (expandable to 8 with HLIOEXPAND)

- 100A electrical subpanel that can accommodate up to 12 circuit breakers

- Connection for Hayward TurboCell used to generate chlorine for an additional body of water

- 2 flow switch connections to detect water flow

- Inputs for HL-CHEM ORP and pH sensing kit for an additional body of water

Firmware

OmniLogic firmware R3.2.0 or higher must be installed in order to communicate with the Expansion Panel.

Availability

The Expansion panel is expected to release in Mid-February 2020.

The SKU for the Expansion Panel is **HLEXPAND**

AV6 motor box is not field serviceable
entire motor box should be replaced if not working

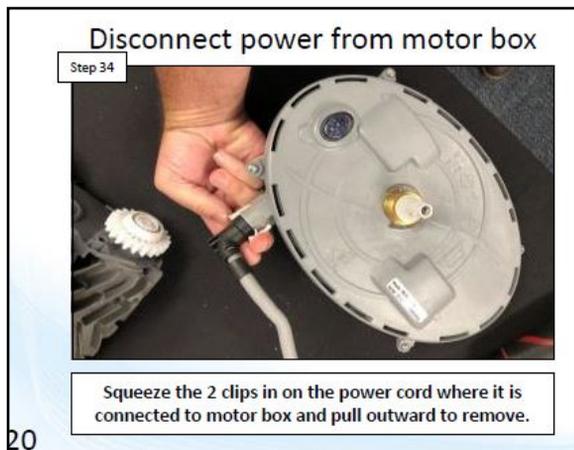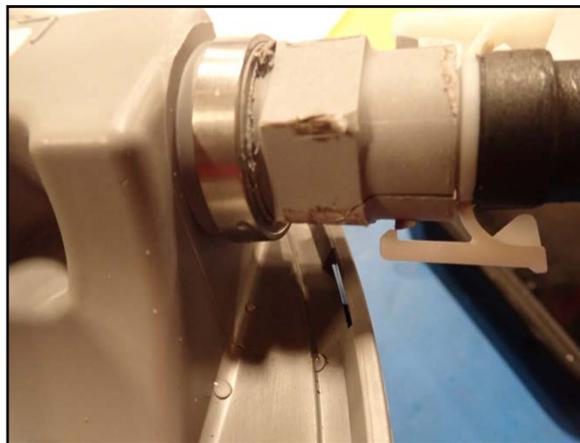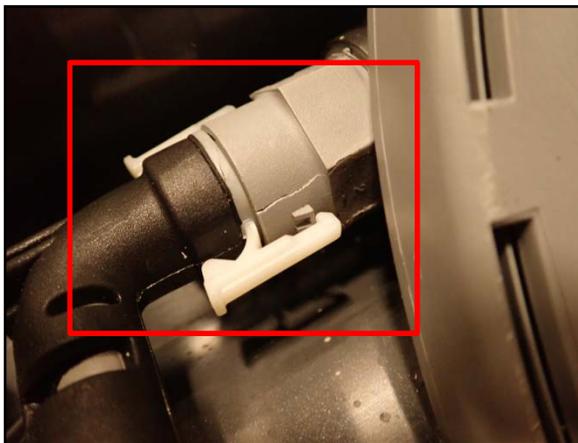We have had several AV6 motor boxes returned that show signs of attempts to open the motor box.
The motor box has no field serviceable parts in it. **Do not attempt to open**.
The cord attachment is a clip. (white clips in photo left)
The "nut" that the cord connects to is not removable. (photo right)
Attempts to open the motor box will almost always result in cracking it. (photo bottom)
All failed motor boxes should be returned to Clemmons for analysis.

Disconnect power from motor box
Step 34
Squeeze the 2 clips in on the power cord where it is connected to motor box and pull outward to remove.
20

Finding the Heat Pump Analysis Program on the Hayward Website

The heat pump analysis program that previously was on the heaters page of the Hayward Website has been moved.

- This tool will allow the user to input the size of their pool, what months they want it heated, where the pool is geographically located, and a few other bits of information
- Once the information is entered the customer will receive an email response that shows the cost of heating the pool with a heat pump, and compares that cost to the cost of heating with gas, and straight resistance (Cspa) heat.
- The email will also recommend Hayward heat pumps based on the size and location, and the desired temperature of the pool.
- Follow these steps to access the tool

Hover over Inground with your pointer/mouse

Then Click on Learn About Heaters

Scroll to bottom of page and click on "What Does It Cost To Heat My Pool With A Heat Pump?"

Scroll up and then click on "Click here to fill out the heat pump analysis form and review your results by email"