



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>

Product Info

June/2020

1. Gas Heaters: UHS

Details on recent changes made to wiring configuration

2. Gas Heaters: H500FD

Correct Part number for high limit is not listed in Buyers Guide

3. Lights: UCL320/160

Make sure you leave a minimum 2" cord length on returns

4. Lights: WFB100 Bubbler

Not designed for fiberglass or vinyl pools

5. Controls: OmniLogic

HL-Base MSP update

6. Controls: OmniPL

The new OmniPL controller should **never** be disassembled

Changes to UHS Heaters 06/2020

Beginning June 1 2020 all UHS heaters will be built with the following changes

- High and low voltage wiring terminal blocks have been eliminated
- Wiring connections will be made with wire nuts that are included with heater
- High voltage wiring will be in a junction block that comes from the factory on the left side of the heater, but that is convertible to the right side.
- Low voltage (automation) wiring harness will come in the vinyl pouch along with the wire nuts, fuses, low voltage entry grommet, and wiring diagram.
- To connect automation you will plug in the low voltage harness to the ICB and the wires from the automation can enter the heater from either the left or the right side.
- Gas line connections can only be made on the left side of the heater.

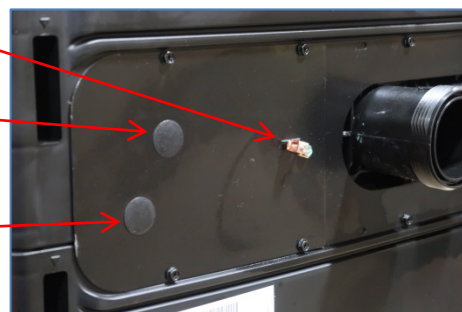


Left Side

Bonding lug-can be moved to other side

Low Voltage entry

High Voltage entry
Attach strain relief here



Right Side



Left Side

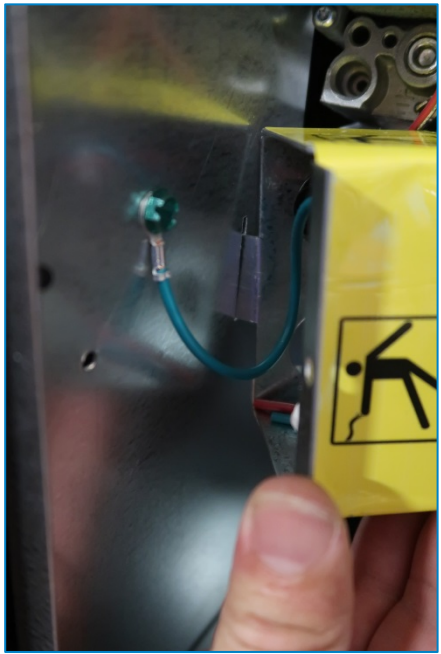
Low Voltage entry

High Voltage entry



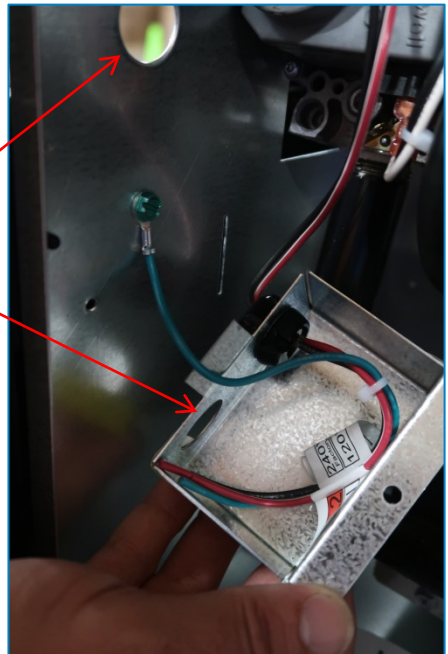
High Voltage Junction Box

Changes to UHS Heaters 06/2020

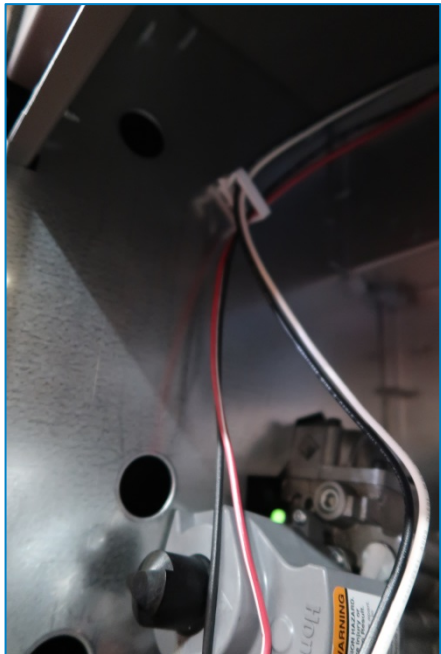


High Voltage Junction Box

High Voltage wires entry and routing



High Voltage Junction Box

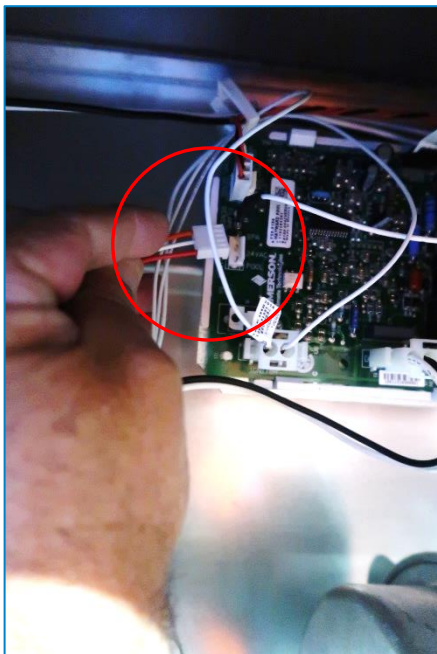


When relocating junction box to right side remove high voltage wires from wire retainer clip



High Voltage Junction Box relocated to right side

Changes to UHS Heaters 06/2020



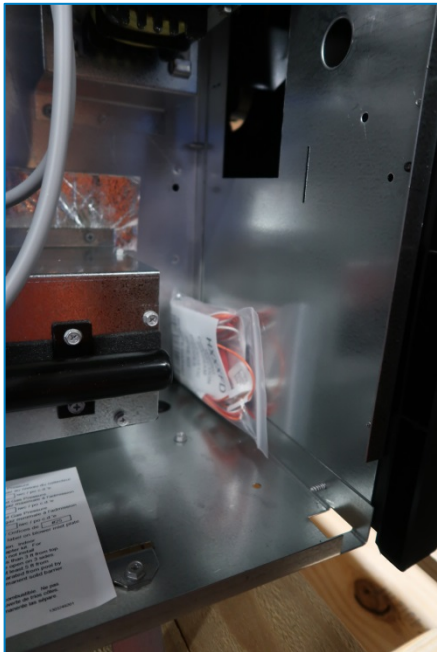
Low voltage wiring connection on ICB



Low voltage wiring entrance grommet installed



Low voltage wire labels



Accessory pouch location



Accessory pouch contents

High Limit Kit for H500 heaters missing in 2020 Buyer's Guide

The High Limit Kit for H500 heaters is not listed in the 2020 buyer's guide.

- The correct High Limit for H500 heaters (residential and ASME) is **FDXLHLI1500**
- The key difference in this kit is that one of the limits is set for 145°F and one is set for 135°F.
- All other UHS heaters have two 135°F limits in the kit.

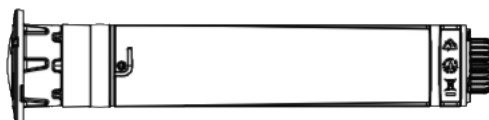
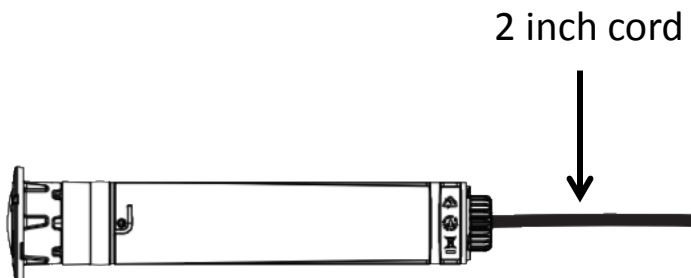
H500 High Limit Kit part # FDXLHLI1500

All other UHS heaters part # FDXLHLI1930

320/160 UCL Accent Returns

When sending back defective 320/160 accent lights, it is important to leave at least 2 inches of cord length.

The cord is needed to allow for testing of the returned light(s). Light(s) that are returned with no cord cannot be powered on and will limit the testing that can be done.



ColorLogic Bubbler - WFB100

A reminder regarding WFB100 installations.

- The Hayward ColorLogic Bubbler (WFB100) **cannot** be installed in fiberglass or vinyl swimming pools.
- Hayward does **not** manufacture Bubblers for fiberglass or vinyl pools.
- The WFB100 is specifically designed for "Gunite/Concrete" Pool construction.

HL-Base MSP Update

MSP & Firmware

HL-Base MSPs manufactured after May 14, 2020 ship with a new LCD(HLX-LCD0520).

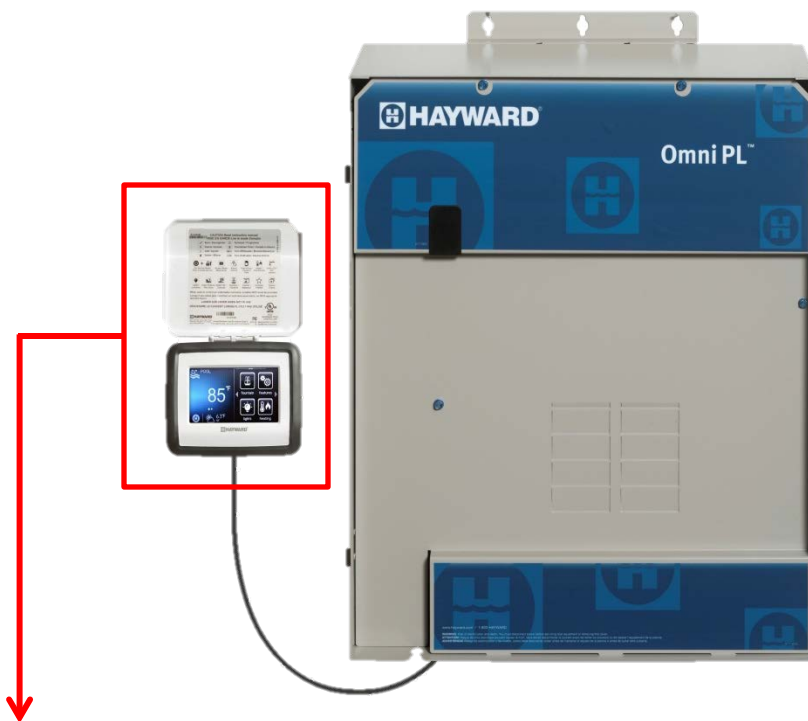
- MSPs manufactured after May 14, 2020 ship with Omni firmware R3.2.2.
- R3.2.2 is similar to R3.2.0, but the new LCD requires firmware R3.2.2 to function.
- MSPs manufactured after May 14, 2020 should never be downgraded to firmware R3.2.0 or lower.
- Firmware R3.2.2 is backwards compatible, and can be installed on all OmniLogic MSPs.
- MSPs manufactured after May 14, 2020 can only use firmware R3.2.2 or higher.

New LCD Information

A change has been made to the OmniLogic's (HL-Base) LCD. We have switched to a new manufacture for the LCD in the HL-Base MSP. The part number for the new LCD is **HLX-LCD0520**.

- If the HL-Base was manufactured prior to May 14, 2020 continue to use **HLX-LCD** for a replacement LCD screen.
- HL-Base manufactured after May 14, 2020 will use the new LCD screen with the part number **HLX-LCD0520**. If a replacement LCD is needed, use only **HLX-LCD0520**.
- HLX-LCD0520 is not backwards compatible with units manufactured prior to May 14, 2020.
- HLX-LCD cannot be installed in MSPs manufactured after May 14, 2020.

OmniPL Controller Update



- The new OmniPL controller should **never** be disassembled.
- If you need to splice or extend the communication cable, do so from the exposed end of the cable.
- An extended communication cable will be available to order by the end of July 2020.