SioGreen

Infrared Tankless Water Heaters

The first innovation in Heating Water in over 100 Years!

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SioGreen Infrared Tankless Water Heaters

This is the Bottom Line…

SioGreen Inc. has developed and patented the world's only electric tankless water heater to use a clean **Quartz Tube** heat exchanger and **Infrared Energy**. And in the absence of metal heating elements, the ***SioGreen*** tankless water heaters are…

MAINTENANCE FREE!

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SIOGREEN INFRARED TANKLESS WATER HEATERS

Over 10 years of R&D and 70 product improvements

The SioGreen Timeline

- 2008 - The original design concept was developed
- 2008 - Patent was applied for on the Nano-Tech carbon coated Quartz Tube Heat Exchanger
- 2014 – Patent was issued
- 2018 – Final production Pro Series model introduced to the market
- After thousands of installations since 2018, less than 1% return rate

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Tested and Certified

SioGreen Quartz Infrared Electric Tankless Water Heaters have been tested and certified by some of the leading testing facilities in the world and are in compliance with all US and Local Building Codes.

Tested and Certified to DOE CFR Title 10 Energy Standards
Conforms to NSF/ANSI/CAN STD 372
Complies with UL 499 CSA C22.2 No. 64-10 E212625
Listed with California Energy Commission

WRAS APPROVED PRODUCT

MET c us

ETL SANITATION LISTED Intertek

CE

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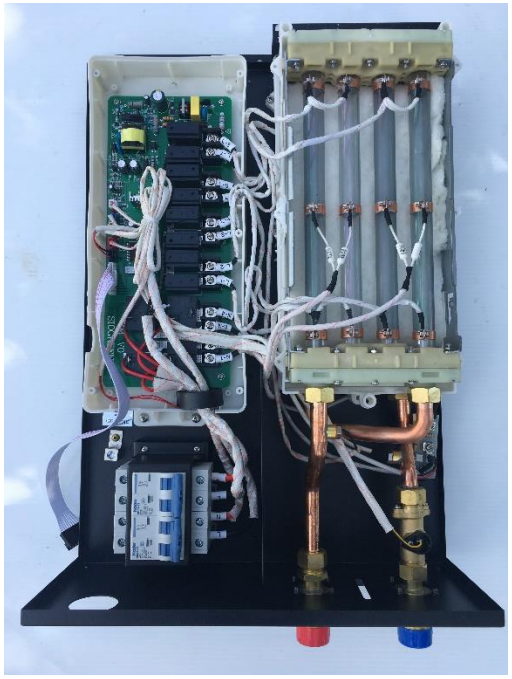
SioGreen INFRARED TANKLESS WATER HEATERS

Simple – Clean - Compact



Sio 18 Pro Flex Whole House Unit
20” H x 14” W x 6” D

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Take the lead and join the SioGreen team today.

SioGreen
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www.siogreenpro.com

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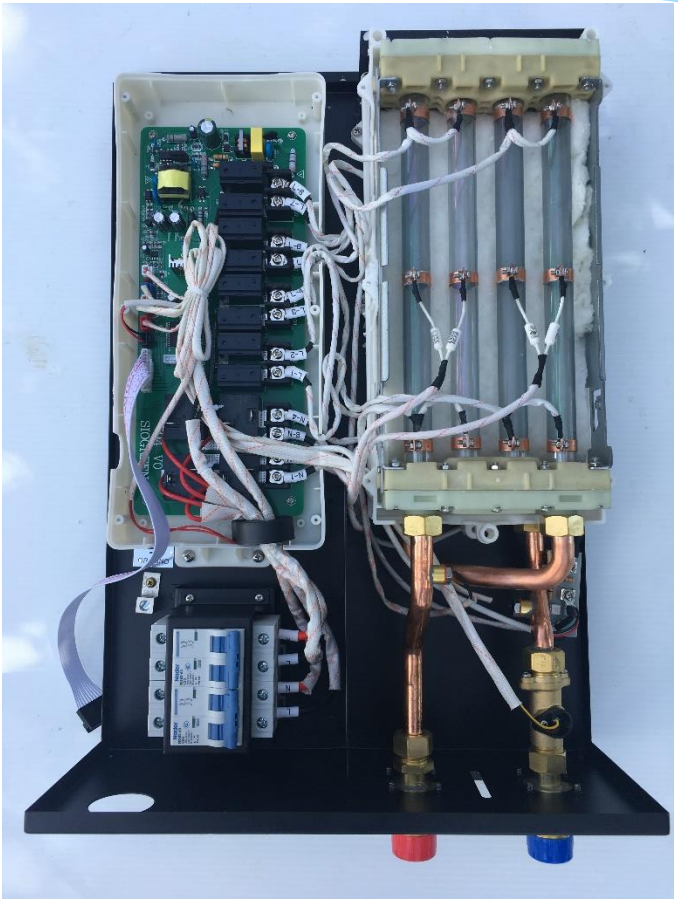
Let's Look Under the Hood and See How it Works



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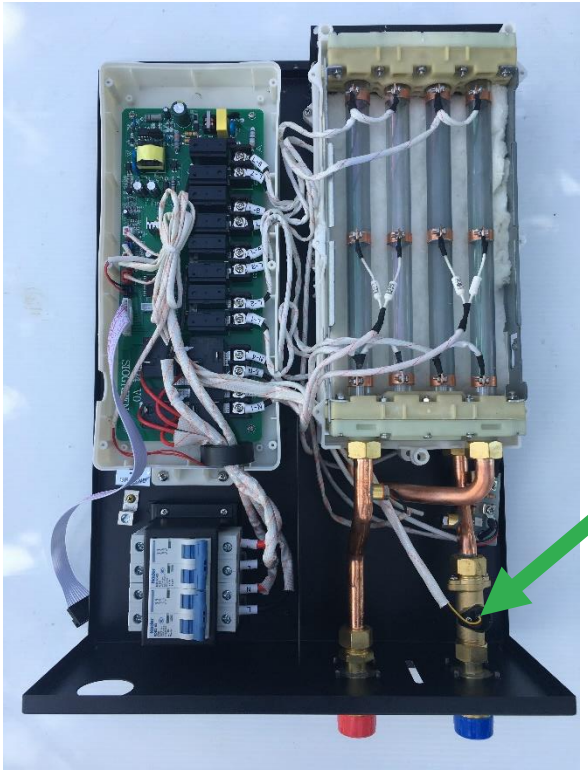
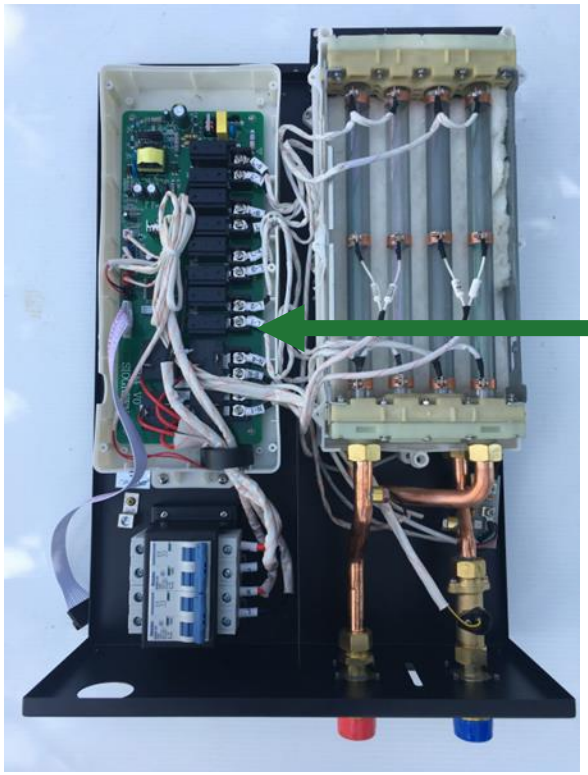
SIOGREEN INFRARED TANKLESS WATER HEATERS

Step by Step
Step 1



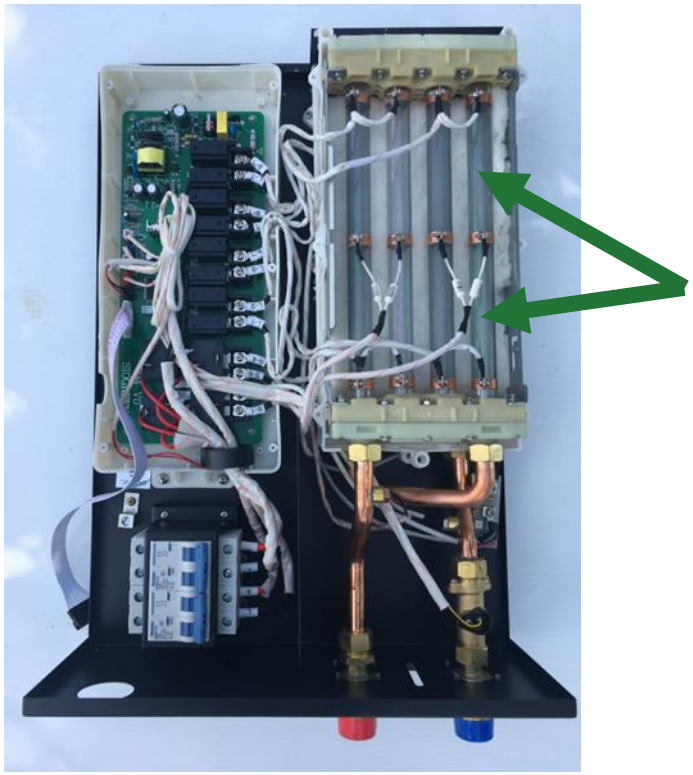
When hot water is in demand, the flow sensor relays the flow and activates the heater.

Step 2



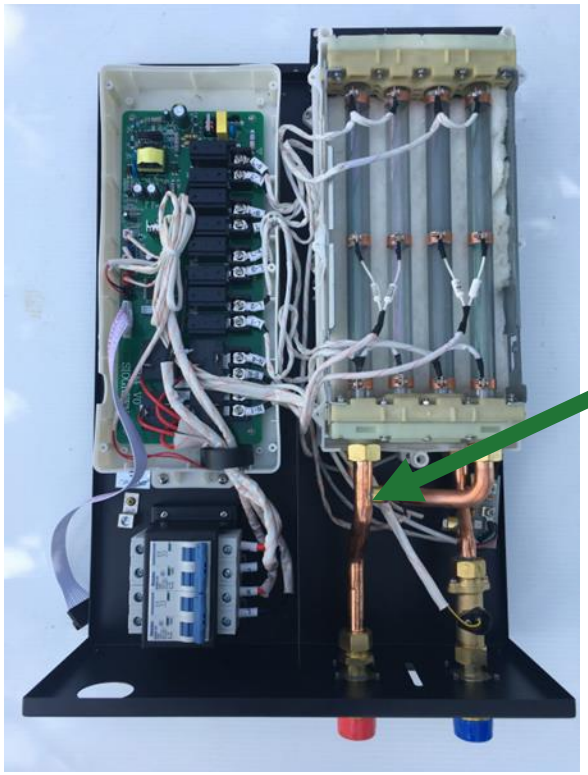
The temperature controller activates modulation to achieve required exit temperature.

Step 3



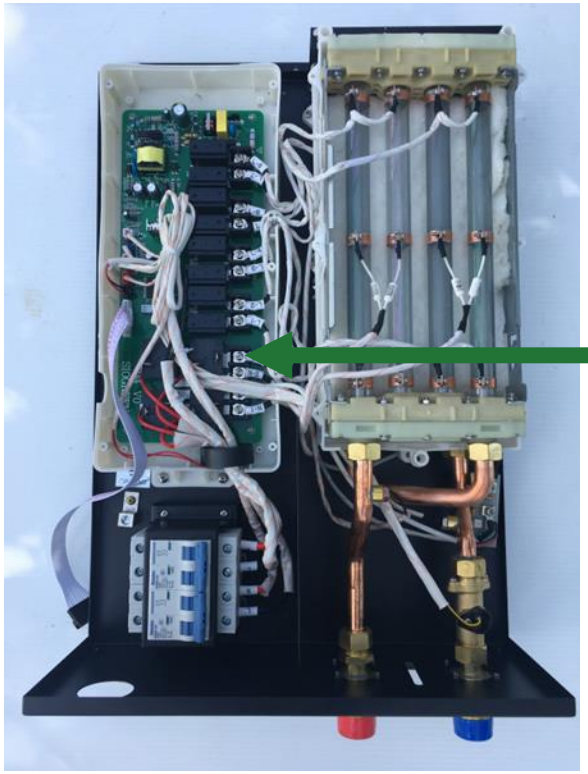
Each quartz tube has 2 sections. Water flows through each section of the sequential tubes and is progressively heated with infrared energy.

Step 4



The exit temperature sensor measures and adjusts flow to maintain constant exit temperature.

Step 5



Multiple relays in the Intelligent Computerized Internal Control monitors each section of each tube and applies the minimum amount of power necessary to achieve and maintain the preset exit temperature.

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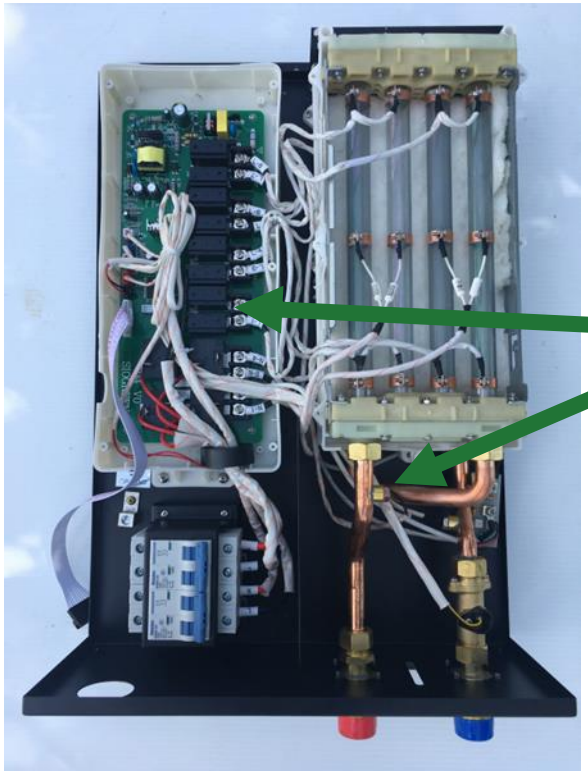
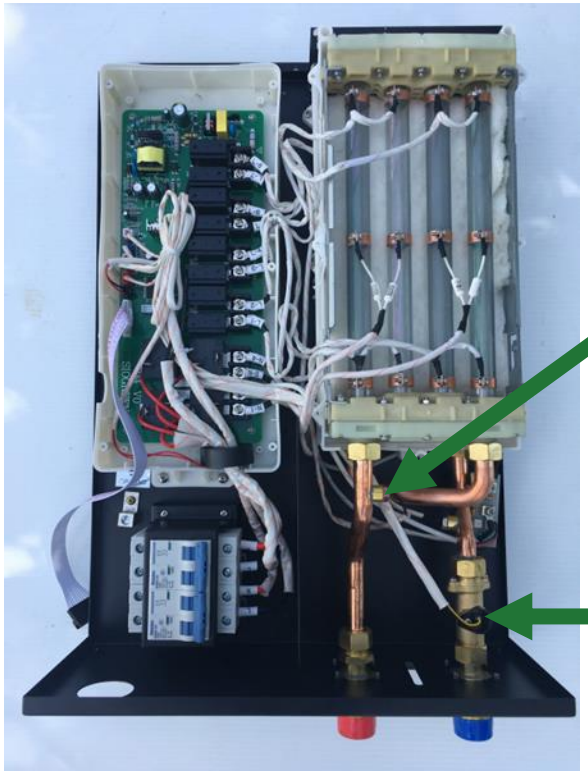
SIOGREEN INFRARED TANKLESS WATER HEATERS

Step 6



The temperature controller continues to monitor exit temperature preset and actual water temperature and feeds data to the modulator to adjust energy to the Quartz Tubes.

Step 7



When the preset exit temperature is achieved, the maximum flow is adjusted to maintain a continuous flow of heated water. These repetitive processes are monitored and adjusted in a matter of milliseconds.

When the flow sensor detects an absence of demand, the unit shuts down and goes into standby.

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