

# REHP Water Temperature Sensors

## REPLACEMENT INSTRUCTIONS

Kit Name	EHPWH Water Temperature Sensors
Kit Part Number	105002069
Compatible Rinnai Products	Rinnai Heat Pump Water Heater: All REHP Series Models

**WARNING** Failure to correctly assemble the components according to these instructions may result in electric shock, injury, or death.

### CAUTION

To protect yourself from harm, follow the steps below before proceeding.

- Antistatic gloves must be worn.
- Disconnect the electrical power supply by turning off the electricity at the circuit breaker.
- Turn off the water by closing manual ball valves for the hot and cold water connections at the appliance.

## Items Inside Product Box

Before installation, please make sure all parts are located inside the product box.

Table 1

Item #	Item	Qty
1	Water Temperature Sensor	1

Figure 1



### TOOLS/MATERIALS REQUIRED

- Phillips Head Screw Driver
- Adjustable Wrench / Socket Wrench
- Electrical Tape

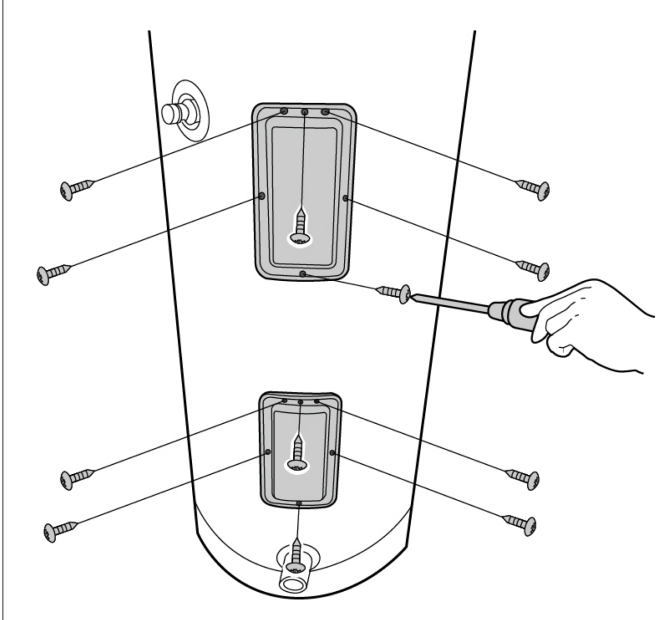
## Instructions

1. Antistatic gloves must be worn to protect yourself from harm.
2. Disconnect the electrical power supply by turning off the electricity at the circuit breaker.
3. Turn off the water by closing manual valves for the hot and cold water connections at the appliance.
4. Use a Phillips head screw driver to remove 6 screws located on the cover (ECO)/ cover (electric heater) (Figure 2). Keep the removed cover safe to be reinstalled in step 9.
5. Use a Phillips head screw driver to remove a screw securing plastic insulation cover to gain access of element heater (Figure 3). Keep the cover safe to be reinstalled in step 8.

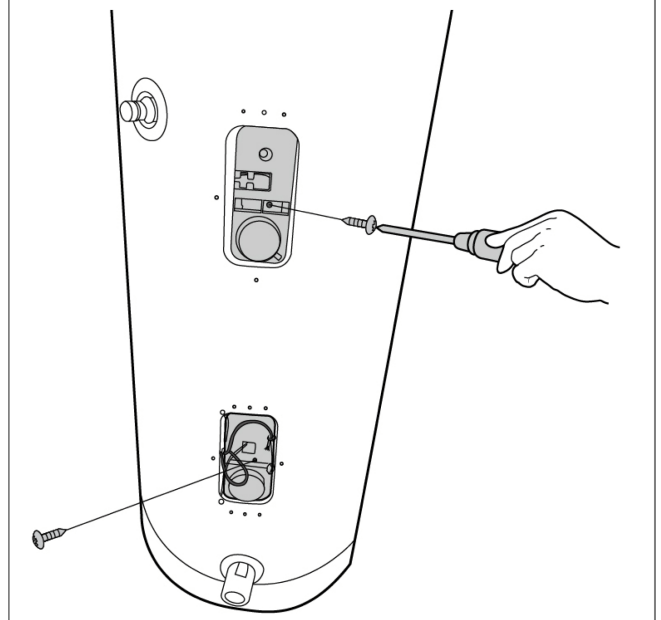
### IMPORTANT

This appliance has two water temperature sensors located on the front side of it. One located close to upper element heater and second located close to lower element heater. Follow this instruction to replace either one of the water temperature sensors. The product box includes only one water temperature sensor. If both sensors need to be replaced, order 2 quantities.

**Figure 2**



**Figure 3**

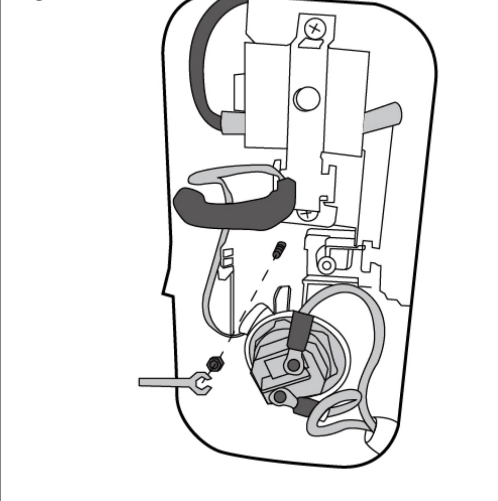


6. Remove the insulation piece located on top side of element heater to gain access of temperature sensor. Use a socket wrench / adjustable wrench to remove the nut securing temperature sensor to the tank (Figure 4). Keep the nut safe to be reinstalled in step 7. To disconnect connector of temp sensor, remove electrical tape and disconnect.

**CAUTION**

DO NOT try to apply excessive force while removing a water temperature sensor. The threaded rod from the tank holding the temperature sensor could break with excessive force, making the appliance unusable.

**Figure 4**



## Water Temperature Sensor Reassembly

7. Reinstall new temperature sensor and secure it using a nut (Figure 4). Ensure to reconnect connector and insulate it using electrical tape.
8. Install back the plastic insulation cover using a screw (Figure 3).
9. Reinstall the cover (TCO)/ cover (electric heater) using 6 screws on the appliance (Figure 2).
10. Turn on the water by opening manual valves for the hot and cold water connections at the appliance.
11. Reconnect the electrical power supply by turning on the electricity at the circuit breaker.
12. Ensure that the appliance runs fine. May need to open one of the faucets in the house to fire up the appliance.