

# Programming

If the preset values are inappropriate for installation then the unit will need to be reprogrammed. Once new values are stored they are permanently written into the memory and will be retained even when there is disruption to the power supply. To change the settings on the thermostat you need to enter the programming mode.

## 1. To enter the programming mode

Press the TEST button and wait for the lights to stop flashing. Once the lights have stopped flashing press AWAY > NEXT > HWC in quick succession. If performed correctly the HWC light will come on and the display will flash the set temperature of the Rinnai INFINITY® (in this case 75) and then Pr9 (to indicate you are in programming mode).

**TEST**  
STORE

**AWAY**  
-

**NEXT**  
NEXT

**HWC**  
+

75 Pr9

## 2. To unlock the display

Press NEXT. The 'BIOSAFE' light will come on and the display will flash OFF and then Pr9. Press NEXT again. The 'AWAY' light will come on and the display will flash 1 and then Pr9. Press the minus '-' (AWAY button) to change from 1 (locked) to 0 (unlocked) and press STORE (TEST button).

**NEXT**  
NEXT

OFF Pr9

**NEXT**  
NEXT

1 Pr9 - 1 → 0

**TEST**  
STORE

## 3. To adjust SET OFF and SET ON

Press NEXT to cycle through TANK, SET OFF and SET ON. Use the minus '-' and plus '+' (HWC and AWAY buttons) to increase or decrease the SET OFF and SET ON temperatures. Remember that SET OFF should always be higher than SET ON. Once finished press STORE, wait for the lights to stop flashing, and press AWAY > NEXT > HWC in quick succession to change to adjusting the settings on the other side of the screen.

**NEXT**  
NEXT

- +

**TEST**  
STORE

**AWAY**  
-

**NEXT**  
NEXT

**HWC**  
+

## 2. To lock the display

Press NEXT and NEXT again (AWAY light will flash) and press the plus '+' button (HWC button) to select 1 (locked), and press STORE to save all the settings. It is important to relock the screen as this will stop anyone else from tampering with the settings.

**NEXT**  
NEXT

**NEXT**  
NEXT

+ 0 → 1

**TEST**  
STORE

## What to do if you don't get the screen you want

Always default back to pressing TEST, waiting for the lights to stop flashing, and press AWAY > NEXT > HWC in quick succession. This should move you from one side of the screen to the other. If no buttons are pressed for approximately a minute the system will go back to the standard display.



The Rinnai INFINITY® must be set to produce water at a temperature to at least 10 °C higher than the SET OFF/SET ON values on the controller. Failure to observe this requirement can cause premature system failure, which is not covered by warranty.