

PART NUMBER: 00-64002 & 00-64005

# INSTALLATION INSTRUCTIONS

If you need any assistance or if you have questions about this item, call our Tech Help Line at (254) 848-4300. Do not use this product without filling it with water or immediate damage can result. All Hot Water Bottle Baths are leak tested before shipping.

#### **Tools Needed for Installation:**

Wrench

Philips Screwdriver



### Step 1:

If you choose to mount your bottle bath using the attached tabs do so and then install your drain barb fitting (included) using Loctite or Teflon tape.



# Step 2:

Check the hot box to ensure it is clean of any debris, and close the drain valve.



## Step 3:

For p/n: 00-64002, fill the box with 3.8 to 4 gallons of water. For p/n: 00-64005, fill the box with 4.8 to 5 gallons of water. Always fill so that the waterline is above heating element and thermometer probe.

**Note:** Never turn on the hotbox without water in it.





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## Step 4:

Plug the box into a 110V outlet. When the unit turns on, it will display the current water temperature.



## Step 5:

To enter the programming menu, press and hold the button labeled 'SET'.



# Step 6:

The first option is to select degrees Fahrenheit or Celsius. Press the up and down buttons to select either F or C. Press 'SET' to save the setting and move to the next step.



### Step 7:

Press the up or down buttons to select the temperature you want the water to be. Press 'SET' when you are on the desired temperature. See the Temperature vs Nitrous Pressure chart at the back of these instructions for more information.



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### Step 8:

The option labeled DIF is to set the acceptable variance from the set temperature. Setting this option to '1' will keep the water within 1 degree of the set temperature. Use the up and down buttons to select the desired variance, and press 'SET' to save the setting.



### Step 9:

The last option is to set the mode of the thermostat. This needs to be set to 'H1' for heat mode. Press the 'SET' button to save the setting and return to the home screen. After all programming options have been set, the heater will turn on.



### Step 10:

To lock the settings on the thermostat, remove the face of the thermostat and flip the switch located on the back of the face.



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### **General Maintenance**

This section will outline general maintenance for your Hot Water Bottle Bath. During maintenance, please ensure that your Hot Water Bottle Bath is unplugged in order to avoid serious injury or death due to electrical shock.

### Step 1:

Use a Phillips Screwdriver to remove the 4 screws on the face of the thermostat.



### Step 2:

Remove the face of the thermostat very carefully to avoid damaging any wires or connections.



### Step 3:

When the control box is open, the wiring should look exactly like the wiring in this picture. In the event your heater isn't working properly, ensure that the wires are connected correctly.

**Upper right junction** - Black wire from heater element and black wire from power cord

**Upper middle junction** - Red jumper wire

**Lower right junction** - White wire from power cord and red jumper wire from upper middle junction

Lower middle junction - red wire from heater

**Lower right ground screw** - green wire from power cord



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# **Heater Element Replacement**

## Step 1:

Use the above steps to remove the front cover. With the front cover loose unscrew the heating element wires (red and black) and set aside the cover. This will give room to remove the heating element.



## Step 2:

Using a 1 1/2" wrench or crescent wrench loosen and remove the damaged heating element.



# Step 3:

Gently clean the threads in the hot water bath (wire brush or similar) may be used but do not damage the threads.



### Step 4:

Apply lubricant (Vaseline or similar) to the gasket of the new heating element. Reverse the steps making sure that the wires are secured to the element and the thermostat wires are reinstalled as pictured. Fill and test the hotbox.

### **Heater Specifications:**

110-120VAC 14A Max Draw

1500 Watts 3.8-4.0 Gallon Capacity