Fahrenheit FFH Small Wall Heater

• The following pictorial is a step by step installation guide. It will show the installation in a new construction situation, but the basic steps are the same for existing construction. Read the owners manual for the installation that matches your specific needs.
WARNING

• Before installing this electric heater read and understand the instruction manual.

• The following minimum clearances must be maintained:
  – Heater to floor – 4.5 in. (114mm)
  – Heater to adjacent wall – 4.5 in. (114mm)
  – Heater to ceiling – 12 in. (305mm)
Installation Instructions

• Verify the Nameplate rated VOLTAGE & AMPERAGE prior to installation.
• Size the wire and breaker for the amp load of the heater.
Step 1

- Note: For new construction installation the edge of the back box must be installed flush with the finished surface.

1. Determine which side of the back box is to be mounted against the stud.
2. Bend the tabs at the rear corners out 90 degrees. This will square the back box with the wall stud.
Step 2

- Remove the knockout (KO) in the upper left of the back box

- Install a cable clamp in the knockout (not provided)
Step 4

• Insert power cable through the cable clamp and allow at least 6” of wire to enter the back box.

• Tighten the cable clamp so the wire is snug and held in place. (Do not over tighten)

Note: If you are using a two wire with a ground for a 240 volt heater, place a piece of black electrical tape at the end of the white wire to show it is a hot lead and not a neutral wire.
Step 5

• Connect the green ground wire from the back box to the ground wire of the power cable with a wire nut.
This heater is equipped with a Clip-N-Fit board. You can permanently change the wattage output of the heater as desired. Read the instruction manual to determine available wattages and how to adjust.

The adjustment is made by clipping one or both of the wires (red and or blue).
Step 7

- Locate the two pigtail wires from the thermostat. These wires will be used to connect the power supply to the heater.

Note: In new construction, do not install the heater into back box until the finished wall is complete.
Step 8

- Connect the RED wire from the thermostat to the WHITE wire (w/black marker) from the power cable, using wire nut included.
Step 9

• Connect the BLACK wire from the thermostat to the BLACK wire from the power cable, using wire nut include.
Step 10

- Once you have the wire connections made and checked, tuck the wires neatly into the top of the back box and insert the inner frame.
- Using the screws provided tighten the inner frame to the back box.
Step 11

- Verify the unit has been installed with the arrow pointing up.
- The fan blade will be at the bottom when installed correctly.
Step 12

- Install the grille with the painted screws provided
- Install the knob onto the shaft of the thermostat.
Test Procedure/Operational Guide

- Adjust the thermostat to the full counterclockwise position (off).
- Turn on the power at the main disconnect.
- The heater should be off, nothing operating.
- Turn the thermostat to the full clockwise position.
- The fan and the elements will come on and blow hot air.

» continued
Test Procedure/Operation Guide

• To adjust the thermostat, turn the knob to the full on position and let the unit run until the room reaches a comfortable temperature.

• Turn the thermostat counterclockwise slowly until you hear (or feel) a click. Stop adjusting the thermostat at that point.

• The unit will now cycle on and off as needed to maintain that temperature in the room.