

Radiant **GUARD**

Protecting Your Energy Costs

Installation for Hot Water Heaters (R-Value 4.5)

Please read and follow all of the steps below to ensure proper installation.

Products Suggested:

- Radiant GUARD™ **FOIL** or **WHITE Bubble** radiant barrier insulation

Materials Needed:

- Tape measure
- Utility knife
- Scissors
- Aluminum tape

Installation Instructions:

1. Measure the diameter of the water heater. Cut the **Radiant GUARD™** bubble insulation into three 2" wide strips making sure the strips are the proper length to wrap completely around the heater twice (these will be used as "spacers"). Place the 2" spacer strips (doubled) around the tank at the top, middle and bottom. These spacers provide a 5/8" reflective air space between the tank and the jacket and provide maximum insulation benefits.
2. Wrap the heater with insulation with a 48" vertical dimension. Cut material to proper length so the ends just meet. Tape the vertical seam. If the water heater is taller than 48", repeat the above wrapping process on the exposed heater section and tape the seams.
3. For electric water heaters only: Cut out a circular piece of insulation to cover the top of the heater. Place on top of the water heater cutting slits for wires, pipes and relief valve. Tape the top to the insulation with aluminum foil tape. **DO NOT USE TOP ON GAS HEATERS.**
4. Trim around pressure valve. Cut insulation on both sides of thermostat housing to create a flap type cover for easy access.



NOTE: Gas Heaters: Recommended for gas water heater only if the owners or operating manual provides instructions for insulating the water heater.

NOTE: Electric Heaters: Check to be sure the heater is wired to meet local building specifications

NOTE: All Heaters: Review your owner's manual and follow any installation instructions it provides for insulating a water heater