

INSTALLATION MATERIALS AND PROCEDURES

- Heatmor furnaces must be placed on a concrete pad. Depending on the model furnace it will require 13 to 20 eighty pound bags of concrete mix for a 4" thick pad. You may choose to elevate the furnace even more, but we do not recommend more than a 12" thick pad. The furnace pad should be independent of any pad in front of or around the furnace.
- The furnace is picked up from the top, you will need equipment for that or we can deliver and place the furnace on your pad. There should be an insulating pad/blanket [poly/bubble/bubble/foil or a product like "Reflexix" between the furnace and the pad, this protects the concrete from the heat and reflects heat back into the fire box. The inside of the fire box is sealed to the insulating blanket with fire caulking, and then filled up to the top of the ash pit with sand. Depending on the model furnace, you will need 10 to 21 sixty pound bags of sand around the ash pit. [It does not have to be "bagged", it is just easier]
- You will need a trench [minimum 18" deep x 6" plus wide] from the rear of the furnace to the structure to be heated. This trench will carry the electrical and water lines.
- The 1" PEX supply and return lines for the heat exchanger and the 3/4" PEX lines for the domestic hot water coil need to be run in an insulated pipe. Electrical wire for the 110 circuit on the furnace and possibly T-stat wire depending on your control method will also be run in this trench. We sell several types of this pipe, each with its own advantages; they will cost \$9.24 per linear foot and up. Allow the distance from the structure to be heated to the Heatmor and add 5 feet at each end [minimum]. Once inside the structure you can switch to regular PEX and insulate it with foam pipe insulation.
- Access to the furnace, hot water heater, electrical panel or power source will be required. A crawl space or basement makes this easier, but even if the building is on a slab a chase can be built.
- Heatmor furnaces can be hooked up to almost any existing heat system. If you do not have an existing heat system, we have alternative methods to provide you with warm comfortable heat from the Heatmor. A typical installation in a central heat and air system would involve a water to air heat exchanger inserted in your duct work near the air handler. These come in different size and price ranges from \$158.00 for a 60,000 BTU unit and up to \$452.50 for a 200,000 BTU unit.
- A typical package to hook up a single exchanger includes all-brass plumbing fittings, circulator pump, flanges, thermostat, and pump controls. A typical package will cost approximately \$550.00
- The domestic hot water coil [mounts in the rear of the Heatmor] is \$250.00. There are other methods of providing for the hot water, but we have found that this works best for most of our customers.
- The fittings package for the domestic hot water hook up is approximately \$162.00. Fittings required vary depending on your hot water tank and its location.
- We offer all of these and more. Prices included above are based on typical installations and current prices at the time of this writing, so are subject to change without notice. We offer complete or partial installations, and advice is available by phone almost anytime. This furnace will SAVE YOU MONEY! We are thrilled with ours, give us a call and come visit, Tom and Pat Young at 864-630-0937.

S. T. [Tom] Young