

Warranty on pre-assembly panels and their components

- ❖ Thermolec Ltd. warrants its boiler tanks, heater elements and other boiler components to be free from defects in materials for a period of ten (10) years from the date of shipment from its factory. Subject to change without notice by the manufacturer.
- ❖ Under normal residential use, Thermo 2000 Inc. warrants its electric boiler tanks to be free from leaks for a period of fifteen (15) years from the date of purchase. All other parts and components are warranted to be free from defects in workmanship and materials for a period of two (2) years. Subject to change without notice by the manufacturer.
- ❖ HCW thermostats are warranted for a period of two (2) years from the date of purchase.
- ❖ HCW pumps are warranted for a period of two (2) years from the date of purchase.
- ❖ HCW air-to-water and water-to-water heat pumps all have different warranties on labour, parts, compressors and exchangers. For more information, please see the “Warranty” section of the equipment manual.
- ❖ HCW warrants its pre-assembled panels to be free from defects in workmanship for a period of one (1) year.
- ❖ Expansion tanks come with a warranty of five (5) years. Subject to change without notice by the manufacturer.
- ❖ All other products included in a pre-assembled panel come with a warranty of two (2) years.
- ❖ *Pre-assembled panel systems do not include high-voltage and low-voltage electrical connections. We recommend hiring a qualified systems control technician to install the low-voltage connections.*

Checks to complete before activating the system

Preliminary steps:

- ❖ Verify that all plumbing and electrical connections have been made.
- ❖ Fill the boiler and heating system with water.
- ❖ Check for leaks.
- ❖ Check the boiler’s temperature and pressure gauge. The pressure should be approximately 12 psi.
- ❖ Adjust the boiler’s temperature control(s) as needed.
- ❖ Turn the boiler service switch to ON.
- ❖ Adjust the household thermostat to generate a request for heat. The system pump should start up. Ensure that water is circulating through the system and that air is being removed through the bleeder valve.

Regular maintenance

Twice a year:

- Check that the automatic air vents and manual air vents are operating correctly. Regularly check that the system pressure and storage tank pressure are adequate.

Once a year:

- We recommend visually inspecting the boiler's electrical compartments to check for leaks in heater element flanges and for any signs of overheating in electrical components or wiring. Any required repairs should be made as soon as possible. Defective components should always be replaced with original parts.
- Always ensure the main power to the boiler has been turned off before starting an inspection.
- Close the necessary isolation valves and clean out the screen located on the heating return line, where applicable. Open the boiler drain valve to remove any deposits that may have accumulated. Stop once the water draining from the boiler turns clear. If the flow of water is weak or no-existent, the bottom of the boiler may be filled with sediment. If this is the case, close the isolation valves, remove the heater elements and clean the inside of the unit by spraying it with a strong stream of water.

WARNING

The warnings and instructions provided in this manual do not thoroughly cover all possible situations. Common sense, attention and care are other factors affecting the quality of the installation. They are required of the person responsible for setting up and servicing the equipment.

Any questions regarding the setup, maintenance or warranty of this equipment should be directed to the supplier.

Any misuse of the equipment or repairs made by persons other than authorized personnel, without the supplier's written consent, will void the warranty.