

**40%
ENERGY
SAVINGS**



THERMAL-WAVE FURNACE

TECHNOLOGIES

- Patented by DTI
- 5 year warranty
- CSA certification

THERMAL-WAVE

- Hydronic Furnace
- Forced air furnace, with a heat coil located in the air plenum and operating in full compatibility with the air conditioning coil
- Heated floors
- Heating fans
- Heating water in a tank, as an option with the use of a dedicated Heat Exchanger

CAPACITIES – 10KW

- Able to service up to 3,000 Square feet of heated floors
- Able to maintain a temperature of 170° F in an air plenum to condition a volume of air from 960 cubic feet/min at 128° F and heating a surface of 3,000 square feet with a forced air system

DIMENSIONS

- W: 16.75" L: 16.75" H: 20.75"
W: 43 cm L: 43 cm H: 53 cm

WEIGHT

- 70 lbs. / 32 kg

AVAILABLE MODELS

3kW / 4kW / 6kW / 8kW / 10 kW



VERIFIED SAVINGS

You can replace a traditional 20kW boiler by a 10kW Thermal-Wave boiler and ensure the same level of comfort. You can count on 40% energy savings for the heating portion of your electric bill, as verified Durham College, in tests conducted in a real house, as opposed to a laboratory environment. This third party verification was entirely funded by the National Research Council (NRC), as part of the Industrial Research Assistance Program (IRAP). The Thermal-Wave was also shown to be more efficient than natural gas and propane.

ADVANTAGES **40% SAVINGS**

- Simple to install
- Reduced operating costs and maintenance
- Clean and comfortable heat without internal combustion

The Thermal-Wave boiler is a "Whole Home or Condominium heating system" designed for the residential, commercial, small homes and cottage markets. Considering space heating represents more than 50% of a yearly electric bill in most of the country, we all strive to reduce the cost of heating. The boiler has been designed to use a minimal amount of electricity to produce a sustained and comfortable source of high efficiency heat.

The Thermal-Wave is a compact hydronic furnace which connects directly to the existing plumbing and becomes the high efficiency heat source of choice for home heating. This heat source is very versatile because it can be used with forced air heating systems through the use of coil located in the air plenum, with hydronic baseboards, heated floors, heating fans and even for heating a water tank through a separate heat exchanger.

The Thermal-Wave connects to the 220/240 Volts electrical panel and the boiler uses 24 Volts Direct Current (DC) to heat the water. The resultant thermal energy is created by conduction in a thermal chamber of optimal size which ensures maximum surface contact between the specialized DC elements and the water. The water circulates with a pump, creating currents of convection in a coil for forced air systems or in a closed circuit for hydronic heating.

SPECIFICATIONS

- 220/240 Volts AC 60 HZ to 24 Volts DC
- Capacity: 10 kW
- Powder coated steel enclosure
- Total amperage: 46 amps.

FOR MORE INFORMATION, CONTACT:

WAVSolution

Dany Vachon - President

☎ 1 855 WAV-SOLU

✉ info@WAVSolution

🌐 WAVSolution.com

📌 @WAVSolution



effectosg.com