

THERMOROSI, innovative technologies in the production of wood and pellet burning heating appliances

THERMOROSI have been established in the UK for well over 25 years. During this time **Bosky cookers and boilers** have been sold extensively across the country. Over the years the company has become a major player in the European heating market employing the very latest high tech manufacturing systems in the production of their innovative and comprehensive range of wood and pellet burning appliances. This literature covers four automatic wood pellet boilers comprising:

Two decorative versions, with heat output to both water and space and two fully cased utility versions, with the majority of heat output to water.

The decorative versions are classified as **ECOTHERM H₂O** available as the **ECOTHERM H₂O 18** and the **ECOTHERM H₂O 34**.



- Output to Water (Max) _____ 12.5kW (42,650 btu's)
 Output to Space (Max) _____ 2.5kW (8,530 btu's)
 Output Total _____ 15kW (51,180 btu's)
 Integrated Pellet Hopper _____ 43kg Capacity
- Auto Ignition
 - Fully Programmable
 - Wireless Remote Control
 - Full System Boiler
 - Up to 90% Efficient
 - CE Marked
 - Voice Function with a variety of Warning Messages



- There are three versions of the **H₂O 18**:
1. Decorative tiles, known as - **Rectangoli** (Illustrated)
 2. Coloured steel side panels, known as - **Metalcolour**
 3. All black, known as - **Easy** (Illustrated)

There is only one version of the **H₂O 34**

The cased versions are classified as **ECOTHERM COMPACT** available as the **ECOTHERM COMPACT 18** and the **ECOTHERM COMPACT 32**. All these boilers are equipped with automatic ignition systems. They can be programmed to come on and go off automatically. They are all system boilers with integrated expansion vessels, water circulating pumps and associated valves and controls. All the boilers meet the highest standards in Europe regarding safety and emissions.



Pellet boilers require regular user attention. Before purchasing a pellet boiler, potential users should make sure that they are fully familiar with the manufacturer's user and maintenance requirements. The H₂O decorative appliances need a light door glass cleaning on a daily basis.

USE ONLY PELLETS MADE TO CEN/TS1496 EUROPEAN PELLET STANDARD



H₂O 34 is a larger version of the **H₂O 18**. Unlike the 18 the 34 is not controlled by the ALADINO but has the option of a programmable room stat and on board controls.

- Output to Water _____ 5.5 to 24kW (18,776 to 81,888 btu's)
 Output to Space _____ 5kW (17,060 btu's)
 Output Total _____ 29kW (98,949 btu's)
 Integrated Pellet Hopper _____ 43kg
- Large Ashpan
 - Auto Ignition
 - Programmable On-Off Times
 - Full System Boiler
 - Up to 90% Efficient
 - CE Marked
 - Voice Function with a variety of Warning Messages



The **ECOTHERM COMPACT 32** is a cased boiler designed to put most of its output to water. This provides an extra 4kW of water heating output above the **H₂O 34** with less heat radiated to space.

- Output to Water _____ 6.5 to 28kW (22,178 to 95,536 btu's)
 Output to Space _____ .5kW (1,706 btu's)
 Integrated Pellet Hopper _____ 65kg (Optional 1 or 2 x 100kg Hoppers)

- 3 Ashpans
- Auto Ignition
- Programmable On-Off Times
- Full System Boiler
- Up to 90% Efficient
- CE Marked
- Voice Function with a variety of Warning Messages



The **ECOTHERM COMPACT 18** is a cased boiler designed to put most of its output to water. This provides an extra 2kW of water heating output above the **H₂O 18** with less heat radiated to space.

- Output to Water _____ 14.5kW (49,474 btu's)
 Output to Space _____ .5kW (1,706 btu's)
 Output Total _____ 15kW (51,180 btu's)
 Integrated Pellet Hopper _____ 43kg (Optional 1 or 2 x 100kg Hoppers)

- Large Ashpan
- Auto Ignition
- Programmable On-Off Times
- Full System Boiler
- Up to 90% Efficient
- CE Marked
- Voice Function with a variety of Warning Messages



In addition to a built-in pellet storage capacity of 65 kilos, model **COMPACT 18** and **32** can have one or two, optional, extra pellet storage hoppers of 100kg capacity each, fitted on the right, left, or both sides of the boiler, increasing the fuel capacity up to a maximum of 265 kilos. This will allow the boilers to run for a much longer period before refuelling is required.

- COMPACT 18**
 Run time on minimum power - 331 running hours
 Run time on maximum power - 75 running hours
- COMPACT 32**
 Run time on minimum power - 159 running hours
 Run time on maximum power - 41 running hours

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