

INTRODUCTION

The **THELIA 30 E** boiler is a wall mounted combination boiler providing central heating and instantaneous hot water.

The boiler is of the **II 2H3** category for use with Natural Gas (G20) as distributed in the United Kingdom, or Butane (G30), Propane (G31) or Towns gas (G130).

Boilers burning LPG or similar gases **MUST NOT** be fitted in basements or below ground level.

The boiler has a fan assisted balanced flue which both discharges the products of combustion to and draws the combustion air from the outside of the room.

The boiler is suitable for top outlet flue connection only but, can be fitted with horizontal flue, vertical flue or twin-pipe flue. Refer to flue catalogue for further details.

Both the central heating and domestic hot water temperature are user adjustable from the boiler control panel.

Domestic hot water demand always has priority over heating demand.

The boiler is designed for use as part of a sealed water central heating system with fully pumped circulation. The pump, expansion vessel and associated safety devices are all fitted within the boiler.

The boiler can be installed against either an external wall or on an adjacent inside wall, that is, the flue system will pass directly to the rear or to either side to the terminal fitted on the outside wall face.

The installation must be carried out by a competent person in accordance with the relevant requirements of The Building Regulations, The Water Byelaws, The Building Standards (Scotland) Regulations and any applicable local regulations.

These instructions should be carefully followed for the safe and economical use of your boiler.

Ancillary equipment

A range of flue accessories are available including vertical flues, twin-pipe flues, bends etc. For further information contact your supplier.

COMMISSIONING

Gas safety (Installation and Use) Regulations
In your interests and that of gas safety, it is the law that ALL gas appliances are installed and serviced by a competent person in accordance with the above regulations.

Gas leak or fault

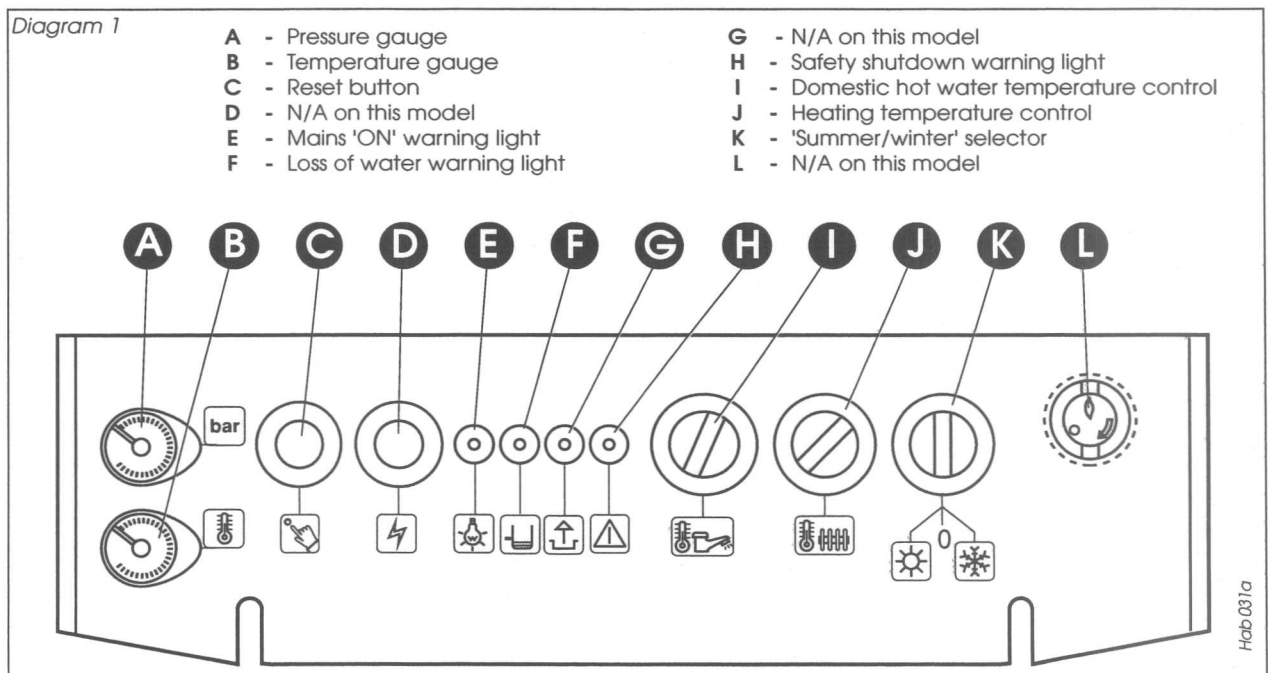
If a gas leak or fault exists or is suspected, turn the boiler off and consult the local gas supply company or your installation/service company.

Boiler controls

The control panel, located at the lower front of the boiler casing, **see diagram 1**, allows the boiler to be started, shut down, controlled and monitored during use.

Flue

Do not obstruct the outside terminal of the boiler.




CONTROLS AND LIGHTING

Starting the boiler

Before starting the boiler check that:

- The gas meter tap is open.
- The boiler gas service cock is open.
- The boiler is connected to the electrical supply and turned on.


Setting to SUMMER mode (Hot water only)

- Turn the OFF/Summer/Winter' switch (K) to the 'Summer'  position, **see diagram 1**.
- Turn the domestic hot water temperature control (I) to the desired setting, **see diagram 1**.

To obtain domestic hot water, open a hot water tap.

Hot water always has priority over central heating.

Setting to WINTER mode (Heating and hot water)

- Turn the OFF/Summer/Winter selector switch to (K) to the 'Winter'  position, **see diagram 1**.
- Turn the central heating temperature control (J) to the desired setting, **see diagram 1**.
- Turn the domestic hot water temperature control (I) to the desired setting, **see diagram 1**.
- Make sure that any external controls are calling for heat.

The heating system will begin to heat up.

To obtain domestic hot water, open a hot water tap.

Hot water always has priority over central heating.

DRAINING

Protection against freezing

If the boiler is to be out of use for any long periods during severe weather conditions, it is recommended that the whole system, including the boiler, be drained to avoid the risk of freezing.

If in doubt, consult your servicing company.

The **THELIA 30 E** boiler has a built in frost protection device that protects the boiler from freezing. If the boiler is to be left and there is a risk of frost, ensure that the gas and electrical supplies are left connected and that the OFF/Summer/Winter switch is left in the 'Summer' or 'Winter' position. The frost protection device will light the boiler when the temperature of the boiler water falls below 6°C. When the temperature reaches 16°C, the boiler stops.

Note: This device works irrespective of any room thermostat setting and only protects the boiler. Always ensure that adequate frost protection is given to the entire system where necessary.

Draining and filling

Caution: The boiler is installed as part of a sealed system which must only be drained and filled by a competent person.

Heating safety valve

CAUTION: A safety valve with a discharge pipe is fitted to this boiler.

The valve **MUST NOT BE TOUCHED** except by a competent person. If the valve discharges at any time, switch the boiler off and isolate it from the electrical supply. Contact your installation/service company.

SERVICING/MAINTENANCE

To ensure the continued efficient and safe operation of the boiler, it is recommended that it is checked and serviced at regular intervals. The frequency of servicing will depend upon the installation conditions and usage but, in general, once a year should be enough.

Cleaning

The boiler casing can be cleaned with a damp cloth followed by a dry cloth to polish. Do not use abrasive or solvent cleaners.

Boiler casing

CAUTION. Do not remove or adjust the casing in any way, as incorrect fitting may result in faulty operation. If in