

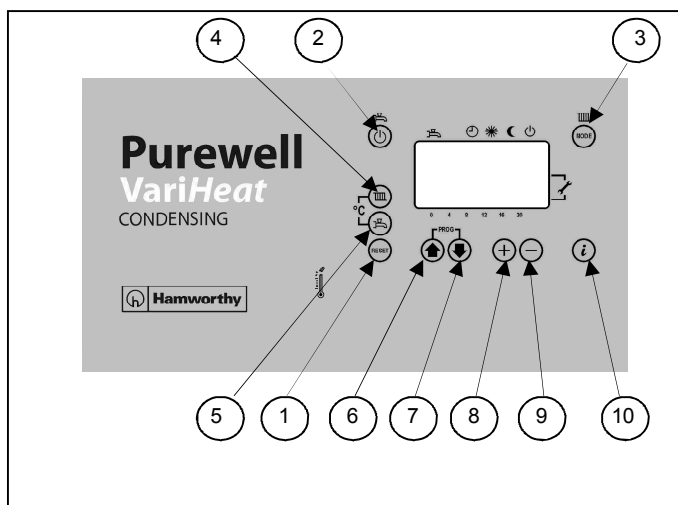
PUREWELL VariHeat (c & he Models)

INSTRUCTIONS FOR USE

Note:- This boiler is for use on Natural Gas (2nd Family) I_{2H} only. Only a competent person must carry out any adjustments.

WARNING: All installations MUST conform to the relevant Gas Safety and Building Regulations. It is law that all gas appliances are installed and maintained by competent persons in accordance with the above regulations.

This appliance must only be used for the purpose and under the conditions, for which it is designed. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instructions concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.



1) Boiler off - based on 'On/Off' button

Button	Function
1	Reset Lockouts
2	Not Used
3	Selection of Operating Mode
	Automatic (time control)
	Continuous ' Normal' temperature
	Continuous ' Reduced ' setback temperature
	Standby - boiler off.
4	Adjustment of boiler or room temperature
5	Not used
6, 7	Selection of operating parameter
8, 9	Adjustment of parameter value
10	Select Information display screens

The boiler display screen provides various levels of access to view and change the performance parameters of the boiler.

A code is used to access the various security levels of the program.

The User can change parameters relating to time clock, boiler program timings and boiler temperature setpoint.

In addition, the User can view performance data and reset specific lockouts. Should a lockout occur, a code will flash alternatively with the time of day, indicating the fault.

Should a fault code appear which cannot be reset, or a fault code repeatedly occurs, contact Hamworthy Heating for assistance. Do not continue to operate or use the boiler as this may cause damage to the controls.

LIGHTING INSTRUCTIONS

Carry out the following procedure for each boiler.

- 1) Ensure the electrical mains supply to the boiler module is switched on and that any external controls are calling for heat (Time clock, BMS etc.).
- 2) Use the Mode Button (3) to select the desired operating mode.
- 3) The boiler should go through it's sequence and finish at the default screen shown above.
- 4) By using the Info button (10) the boiler status can be viewed. To return to the default screen press Mode button (3).
- 5) To change the clock time (24hrs) press 'Prog' button (6) or (7). Set the clock to the desired time by pressing the value button (8) or (9). Having set the time press the Mode button (3) followed by the Info button (10).
- 6) To set/change the program timings, press 'Prog' button (6) or (7). To select the desired switching times press the 'Prog' button (6) or (7) scrolling

through the three switching periods. Adjust the on/off time by pressing the value button (8) or (9). Having set the time press the Mode button (3) to return to the default screen.

- 7) To change the temperature set point press the flow temperature button (4). To increase / reduce the set point, press of the button (8) or (9) respectively. This will change the set point in increments of 1.0° C. Once the desired temperature has been reached, store the setting by pressing the 'Mode' button (3).

Note: if the new set point is not entered, then the system will revert to the original setting on the next power off.

If no button is pressed for about 8 minutes, the screen will automatically return to the default display.

Lockouts - should safety critical failures occur, a lockout situation will result causing the boiler to shutdown. An error code will be displayed on the screen flashing alternatively with the time of day. The error code provides an indication of the lockout.

Should a lockout occur, press the Reset button to reset the lockout.

Should a Overheat lockout occur, the overheat thermostat in the display facia will require re-setting. The reset push button can be accessed by a hole in the display facia. Use a pen or small screw driver to depress the button. **To reset an Overheat condition, the boiler must be allowed to cool down.**

If the problem persists, seek expert advice from your installer or Hamworthy Heating Ltd.

Shutting Down the Boiler

To shut the boiler off for short periods i.e. 2 to 3 days, carry out the following procedure for each module of the boiler -

- 1) Push the Mode button (3) until the Standby mode is selected
- 2) Alternatively the boiler can be put into setback operation by selecting the 'Reduced' mode.

Note:- During periods of intense cold weather, do not switch off the boiler module electrical mains supply, this will permit the system frost thermostat to function and protect the system.

To shut the boiler off for longer periods i.e. during summer periods, carry out the following procedure for each module of the boiler -

For service or spares please contact:-

Hamworthy Heating Limited
Wessex House
New Fields Business Park
Stinsford Road
Poole, Dorset BH17 0HH

- 1) Switch the boiler module off as described above.
- 2) Turn the main gas service valve off.

Note:- During periods of intense cold weather and with the boiler shut down for prolonged periods, the complete system should be drained (including the boiler). A notice should be placed on the boiler highlighting the fact that the system has been drained down.

The gas service valve should not be used, except in emergencies, or for long periods of shutdown or during servicing.

Additional Safety Advice

- 1) Do not block or obstruct ventilation grilles.
- 2) Do not block or modify the condensate discharge.
- 3) If at any time a gas leak is suspected, turn OFF the gas supply - **DO NOT use a naked flame** - contact your nearest Gas Board immediately. Generally their telephone number can be located under **GAS** in your local telephone directory.
- 4) If you consider the boiler to be malfunctioning, turn it OFF and seek expert advice.
- 5) To ensure safe and efficient operation at all times, it is essential that the boiler is serviced regularly. Contact your installer or Hamworthy Heating Ltd. for advice.
- 6) Do not attempt to fire the boiler without first checking for correct water circulation. Consult the Installation Manual for information.

Cleaning

To keep the casing clean wipe with a damp cloth, do not use abrasive cleaning materials. **DO NOT** use jets or sprays of water when cleaning area around boiler module controls fascia.

Note:- When cleaning the casing take care not to touch the flue of the appliance as this could be at a very high temperature and contact could cause injury.

Servicing

This appliance should be serviced on an annual basis, preferably by a Hamworthy appointed person.

Phone Number	01202 662500
Fax Number	01202 662522
Service	01202 662555
Spares	01202 662525
Technical	01202 662505