

USER
INSTRUCTIONS
FOR THE

HALSTEAD

HALSTEAD
Best db

30/40/50/60/80

B R I T I S H M A D E B O I L E R S



CAST IRON

WALL MOUNTED

FAN ASSISTED BOILER

HALSTEAD
Best 60

Best 30 G. C. No. 41 333 50
Best 40 G. C. No. 41 333 51
Best 50 G. C. No. 41 333 52
Best 60 G. C. No. 41 333 53
Best 80 G. C. No. 41 333 56

CE EC 0087/AT/5342
0086

TO BE LEFT WITH THE USER

FOR USE WITH NATURAL GAS ONLY (G20)

SUPPLY PRESSURE 20 mbar

GAS SAFETY (INSTALLATION AND USE) REGULATIONS 1996 (AS AMENDED).

It is the law that all gas appliances are installed by a registered person, in accordance with the above regulations. Failure to install appliances correctly could lead to prosecution. It is in your own interest, and that of safety, to ensure that the law is complied with.

WARNING: It is essential that the appliance is correctly earthed. An electricity supply of 230V 50Hz is required, fused at 3 Amp. Should a fault on the appliance be known or suspected, the appliance should not be used until it has been corrected by a competent person. Read these instructions carefully before attempting to operate the appliance. Comply with all applicable warnings. Do not interfere with any sealed components, and use the appliance only in accordance with these instructions.

LOGBOOK

Please ensure that you have a Log Book supplied with your appliance. This Log Book should be completed by your installer(s) to verify that the correct installation and commissioning procedure was followed.

Failure to complete the logbook may result in difficulties should a problem arise with your appliance during the guarantee period.

This logbook forms part of the industry's **Benchmark** code of practice for the installation, commissioning and servicing of central heating systems.

All CORGI Registered Installers carry a CORGI ID card and have a registration number. Both should be recorded in your log book. You can check your installer is CORGI registered by calling CORGI on 01256 372300.

1 INTRODUCTION

The **Halstead Best db 30,40,50,60** and **80** are wall mounted, fan assisted balanced flue, natural gas boilers incorporating a cast iron heat exchanger. The appliance has the benefit of automatic direct burner ignition and electronic temperature control. It features an attractive white enamelled case with a removeable front panel, which when removed enables the appliance to be fitted within a standard kitchen wall unit. (Refer to Installation Instructions).

2 LIGHTING THE BOILER

Ensure that all secondary controls (timer, room thermostat and cylinder thermostat where fitted) are turned to maximum. Turn on the electrical supply and check the pump is working and is circulating water through the system.

If fitted, remove the front boiler panel by lifting it approximately 10mm then moving it away from the boiler.

Turn the boiler thermostat fully clockwise to its maximum setting. After a few seconds the boiler will light. The burner flame can be viewed through the viewing glass in the front of the sealed inner case.

Turn the boiler thermostat and all the external controls to their required setting. If the boiler fails to light, and the ignition reset neon illuminates, wait 15 seconds and reset the ignition by depressing the reset button once. Ensure all secondary controls are turned to maximum before attempting to reset ignition.

Refit the front panel.

3 TO TURN OFF THE BOILER

If you wish to switch off for short periods, turn the boiler thermostat knob fully anti-clockwise to the position marked 'O'. To restart, turn the knob clockwise to the required setting. If you wish to switch off for longer periods, turn the boiler thermostat knob fully anti-clockwise to the position marked 'O' and isolate the boiler and system from the electrical supply. Refer to section 5 for frost protection.

4 ELECTRICAL FAILURE

In the event of electrical failure the boiler will go out.

Normal operation of the boiler should continue when the supply is restored. However, should the boiler fail to re-light, check the warning neons on the boiler control panel.

If the ignition neon is illuminated allow 15 seconds then press the reset button to restart the boiler.

If the ignition and over-heat neons are illuminated allow the boiler to cool, switch the electrical supply off then on again, the over-heat neon will now be out, the ignition reset button can now be pressed to restart the boiler.

Should the boiler fail to light and the over-heat neon become illuminated again the boiler has not been allowed to cool sufficiently.

5 FROST PROTECTION

If the boiler is turned off during severe conditions, it is recommended that the whole heating system be drained. If in doubt ask your Service Engineer.

If a frost thermostat is fitted, leave the boiler with the boiler thermostat turned to position 1, and turn off the time control switch only.

6 OVER-HEAT NEON ILLUMINATION

When the over-heat neon is illuminated it shows that an over-heat situation has occurred.

The boiler may be restarted, provided it has been allowed to cool, by pressing the ignition reset.

The boiler may continue to run without further problems, although the over-heat neon will still be illuminated. Ensure all secondary controls are turned to maximum before attempting to reset the boiler.

A Service Engineer should be called to check the BOILER AND SYSTEM for any possible faults.

The over-heat neon will stay illuminated providing the permanent electrical supply to the boiler is maintained. It may be turned off by switching off the electrical supply to the boiler. When the electrical supply is switched on again the over-heat neon will be off.

7 MINIMUM CLEARANCES

The following MINIMUM CLEARANCES must be available for servicing the boiler:

Above the boiler case	200mm	8 in
At the right hand side	6mm	1/4 in
At the left hand side	6mm	1/4 in
Below the case	100mm	4 in
In front of the case	300mm	12 in

8 GENERAL CARE

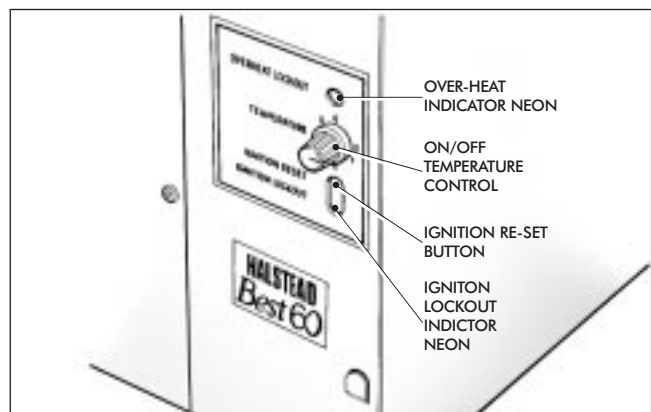
The front panel, being an enameled white finish should be cleaned with a damp cloth and mild detergent. Do not use abrasive cleaners.

9 ROUTINE SERVICING

To ensure continued efficient operation of the appliance, it is recommended that it is checked and serviced as necessary at regular intervals. The frequency of servicing will depend upon the particular installation conditions and usage but in general once a year should be adequate. It is the law that any service work must be carried out by a competent person such as British Gas or other CORGI registered personnel.

10 WARNING

If a gas leak is suspected or exists, turn the gas OFF at the incoming mains (adjacent to the meter). Do not operate any electrical switches. Do not operate any electrical appliances. Open all windows and doors. Do not smoke. Extinguish all naked lights. Contact the Gas Supplier Immediately.



HALSTEAD

British Made Boilers

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benchmark

The code of practice for the installation,
commissioning & servicing of central heating systems

HB 09-99-750740