

# users guide

## classic

Your Ideal users guide

**m3050**

**m5080**

When replacing a part on this appliance, use only spare parts that you can be assured conform to the safety and performance specification that we require. Do not use reconditioned or copy parts that have not been clearly authorised by Ideal Boilers.

**i** BOILERS *Ideal*  
ENGINEERED FOR PEACE OF MIND

## **classic m (Natural Gas Models Only)**

**classic m3050 ..... G.C. Appliance No. 41- 391- 50**

**classic m5080 ..... G.C. Appliance No. 41- 391- 51**

**Destination Countries:** GB, IE

### ***Introduction***

The **classic m** is a wall mounted, room sealed, non condensing boiler featuring full sequence automatic spark ignition and fan assisted combustion.

### ***Safety***

#### **Current Gas Safety (Installation & Use) Regulations or rules in force.**

In your own interest, and that of safety, it is the law that this boiler must be installed by a CORGI registered installer, in accordance with the above regulations.

*It is essential that the instructions in this booklet are strictly followed, for safe and economical operation of the boiler.*

#### ***Electricity Supply***

The appliance must be efficiently earthed.

Supply 230 V - 50 Hz. The fusing should be 3A.

Connection must be made in a way that allows complete isolation of the electrical supply - such as a double pole switch, having a 3mm (1/8") contact separation in both poles, or a plug and socket serving only the boiler and system controls. The means of isolation must be accessible to the user after installation.

### ***Important Notes***

- This appliance must not be operated without the casing correctly fitted and forming an adequate seal.
- If the boiler is installed in a compartment then the compartment **MUST NOT** be used for storage purposes.
- Under **NO** circumstances should any of the sealed components on this appliance be used incorrectly or tampered with.
- If it is known or suspected that a fault exists on the boiler then it **MUST NOT BE USED** until the fault has been corrected by a CORGI registered installer.

### ***Minimum Clearances***

Clearances of **165mm (6 1/2")** above, **100mm (4")** below, **5mm (1/4")** at the sides and **450mm (17 3/4")** at the front of the boiler casing must be allowed for servicing.

### ***To light the boiler (Refer to Frame 1)***

1. CHECK THAT THE ELECTRICITY SUPPLY TO THE BOILER IS OFF.
2. Set the mains on/off switch (A) to off and the CH thermostat knob (C ) to maximum.
3. Switch on the electricity supply to the boiler and check that all external controls, e.g. programmer, room thermostat, etc are on.
4. Set the mains on/off switch to ON.

The boiler will commence the ignition sequence, supplying heat to the system when required.

All CORGI Registered Installers carry a CORGI ID card, and have a registration number. Both should be recorded in your **Benchmark** Log Book. You can check your installer by calling CORGI direct on 0156 372 300.

**THE LOG BOOK SHOULD BE COMPLETED AFTER EACH SERVICE AND KEPT WITH THESE INSTRUCTIONS.**



## Operation

In normal operation the control unit display (F) will show the codes:

**O - Standby** (no demand for heat)

**C - Heat demand being supplied.**

During *ignition* the LED (E) will flash.

During *normal running* the LED will remain illuminated.

**Note.** If the boiler fails to light after 3 attempts the fault code 'L' 'F' will be displayed.

Press and hold the reset button (D) for 2 seconds then release. The boiler will repeat the ignition sequence. If the boiler fails to light consult a CORGI registered installer.

## Control of water temperature

The boiler controls the central heating radiator temperature to a maximum of 82°C, adjustable via the CH thermostat knob (C).

Approx CH flow temperatures for the boiler thermostat settings are:

Knob Setting	Flow Temperature	
	°C	°F
Minimum	66	150
	71	160
	77	170
Maximum	82	180

Set the mains on/off switch (A) to OFF.

## 2. For longer periods

Set the mains on/off switch (A) to OFF. Switch the electricity supply to OFF. For longer periods the entire system should be drained, including the domestic hot water supply.

## To relight the boiler

Repeat the procedure detailed in 'To light the boiler'.

## Frost Protection

If no frost protection is provided and frost is likely during a short absence from home leave the heating controls (if fitted) at a reduced temperature setting.

For longer periods the entire system should be drained.

If the system includes a frost thermostat then, during cold weather, the boiler should be turned OFF at the time switch (if fitted) ONLY. The mains supply should be left switched ON, with the boiler thermostat left in the normal running position.

## Boiler Overheat Thermostat

This thermostat will shut down the boiler in the event of overheating. Should this occur a fault code 'L' 'A' will be displayed. Press the reset button (D) and the boiler will relight. If the fault recurs turn off the boiler and consult a CORGI registered installer.

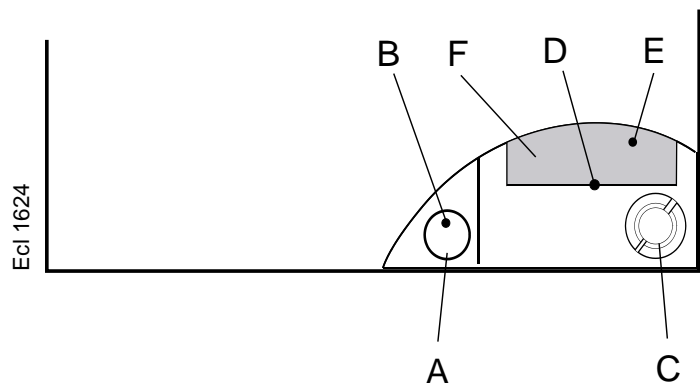
## To shut down the boiler

### 1. For short periods

## 1 BOILER CONTROLS

### Legend

- A Boiler on/off switch
- B "Mains on" LED
- C CH thermostat knob
- D Reset button
- E LED
- F Display



**CAUTION.** To avoid the possibility of injury during the installation, servicing or cleaning of this appliance care should be taken when handling edges of sheet steel components.

## **Escape of gas**

Should a gas leak or fault be suspected contact your local gas supplier without delay.

*Do NOT search for gas leaks with a naked flame.*

## **Cleaning**

For normal cleaning simply dust with a dry cloth.

To remove stubborn marks and stains use a damp cloth and mild detergent.

DO NOT use abrasive cleaning materials.

## **Maintenance**

The appliance should be serviced at least once a year by a CORGI registered installer.



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

Caradon Plumbing Ltd. is a member of the Benchmark initiative and fully supports the aims of the programme. Benchmark has been introduced to improve the standards of installation and commissioning of central heating systems in the UK and to encourage the regular servicing of all central heating systems to ensure safety and efficiency.

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