

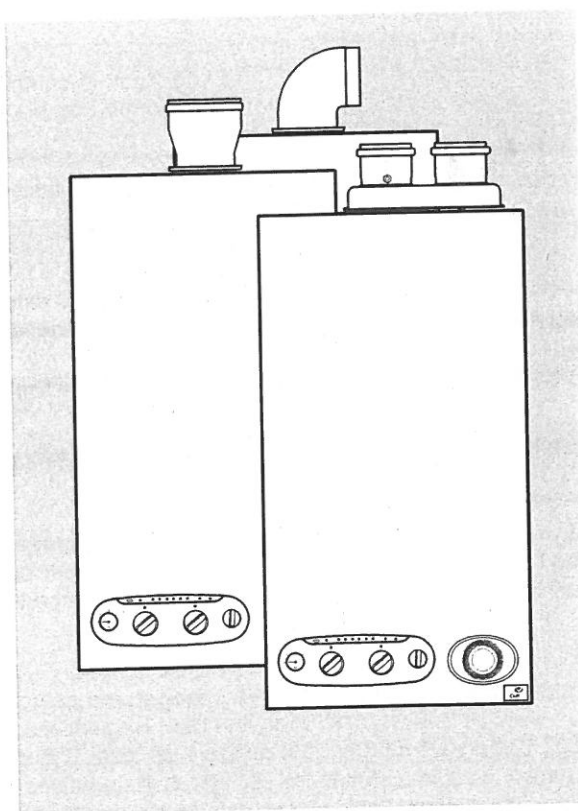
Britony combi SE

COMBINATION BOILER

Heating and Instantaneous Domestic Hot Water
Fanned Flue system

Installation and Operating instructions

These instructions Must Be Left With The Appliance.



Manufactures N°

200906812037.31
200906812027.31
200906813037.31
200906813027.31

Model Type

Britony SE 80 Nat
Britony SE 80 L.P.G.
Britony SE 100 Nat
Britony SE 100 L.P.G.

Gas Council N°

47 - 980 - 16
47 - 980 - 18
47 - 980 - 17
47 - 980 - 19




Control panel

19. Two position Selector switch


O = Switched OFF

I = Switched ON

20.  = Domestic hot water temperature adjustment

21.  = Heating flow temperature adjustment


22. Heating temperature indicator lights


23.  Green indicator - Power ON

24.  Orange indicator - Burner ON

25.  Red indicator - Lock out / flame failure

26 "RESET" Reset button

27.  Pressure gauge

28.  -- DHW mode indicator

29.  -- Heating mode indicator

Isolating Taps

(taps shown in Open position)

30. CH Flow isolating valve

31. Gas service tap

32. Water service tap

33. CH Return isolating valve

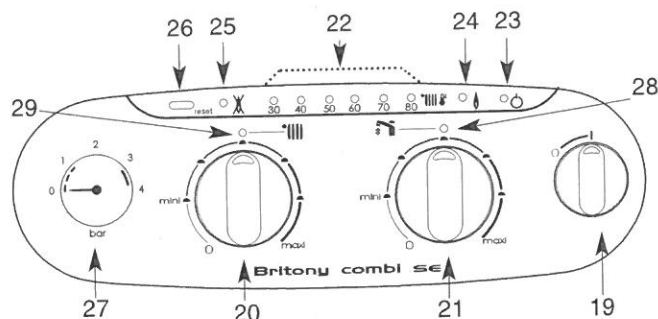


Fig. 22

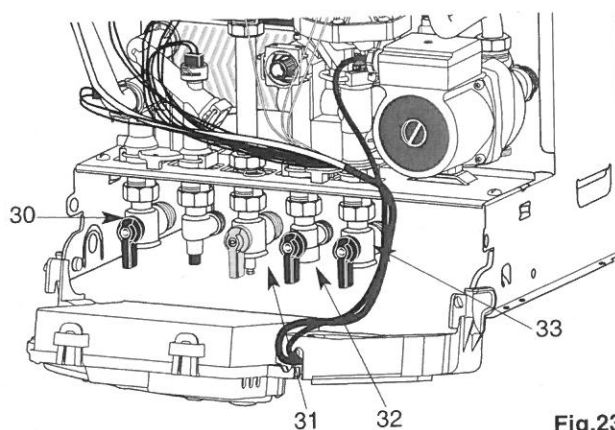





Fig. 23




Switching on

- 1) Check that the gas service tap is opened at the gasmeter and main power is on.
- 2) Check that pressure in central heating system is above 0.7 bar and below 1.5 bar with the pressure gauge  27.
- 3) Open the gas tap 31.
- 4) The boiler is now ready to use.


Hot Water

- 1) Turn main switch 19 to position I. The green "power on" indicator  will light.
Turn the DHW thermostat clock wise 21. The DHW indicator will light 28.
- 2) Turn on a hot water tap, the orange "burner on" indicator  will light 24 and the water will become hot.

Heating

- 1) Turn main switch 19 to on position I. The green "power on" indicator  will light 23.
Turn the CH thermostat clockwise 20. The CH indicator will light 29.
- 3) If the room thermostat (if fitted), the boiler temperature control  and the clock (if fitted) are all calling for heat, the orange "burner on" indicator  will light and the heating will be on.

When there is a need for hot water while the heating is on, it is only necessary to turn on a hot tap. The heating will be interrupted momentarily while the hot water is being delivered. The boiler will switch back automatically to heating when the tap is turned off.

Note: If the boiler has been turned off for some time the first attempt to light it may result in a lockout . If this happens press the reset button 25 and the boiler will light.

To Turn Boiler Off Completely

- 1) Turn the selector switch 19 to the off position O.
- 2) Turn the gas tap 31 OFF.

1. General layout

The mechanical clock covers a 24 hour period. Each tappet represents 15 minutes **A** (fig. 25). An override switch is located on the clock **B** (fig 25).

2. To set the time

To set the time of day, grasp the outer edge of the dial and turn slowly clockwise until the correct time is lined up with the arrow **C** (fig. 25).

3. To Set the "On" and "Off" times

The clock uses a 24hours system. e.g. 8 = 8.00 am and 18 = 6.00 pm "ON" periods are set by sliding all tappets between the "ON" time and the "OFF" time to the outer edge of the dial. The tappets remaining at the centre of the dial are the "OFF" periods.

4. To select function mode

Put the selector switch **B** to symbol ☉ to control the boiler by the clock. Put the switch **B** to «I» to select permanent operation or to «0» to turn heating off permanently.

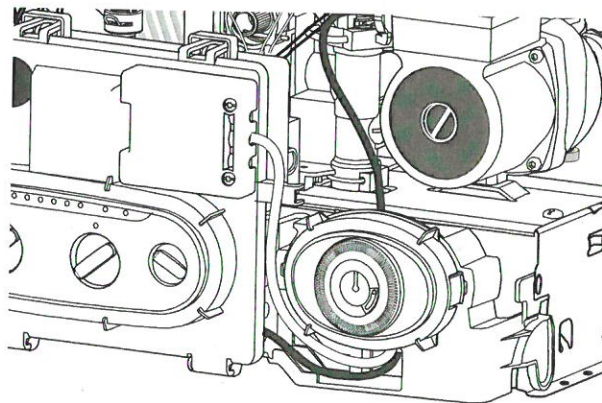


Fig. 24

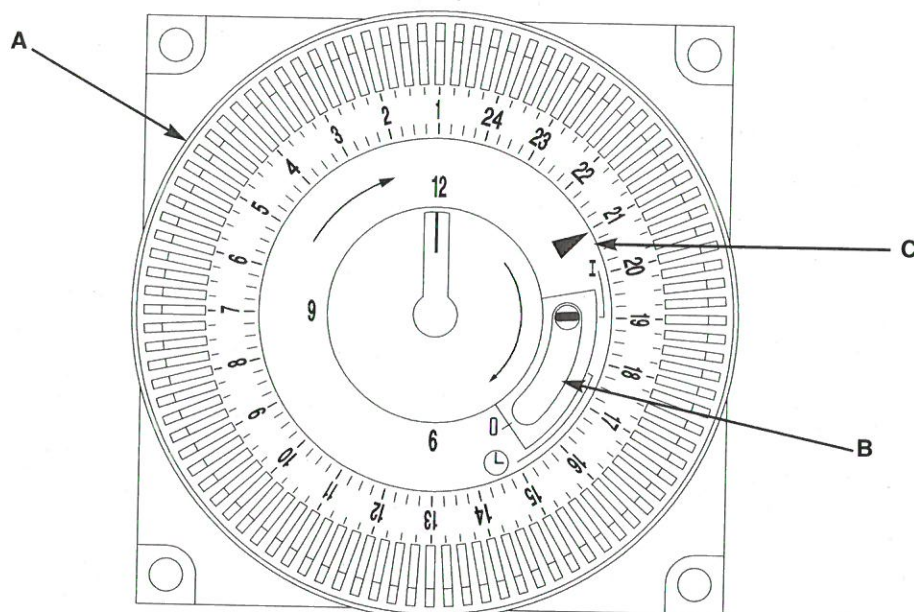


Fig. 25

Incorrects functions is signalled by leds (rep 22) display flashing correspond with chart below.

CODE						FAULT
30	40	50	60	70	80	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Overheat sensor switch open.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Overheating defect without lock out.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	No flame detection.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ionisation printed circuit board faulty.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Antifrost mode on (pump in operation).
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Antifrost mode on (burner and pump in operation).
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Domestic hot water thermistor faulty (open circuit).
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Domestic hot water thermistor faulty (short circuit).
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Central heating thermistor flow faulty (open circuit).
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Central heating thermistor flow faulty (short circuit).
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Low water pressure in the Central Heating circuit.
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Fan on but does not activate air pressure switch.
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Fan off but air pressure switch fails to return to off position.

Notes

This appliance is suitable for Natural gas or LPG. A gas conversion must be made by a competent person.
Chaffoteaux & Maury are continuously improving their products and therefore reserve the right to change specifications without prior notice and accepts no liability for any errors or omission in the information contained in this document.

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