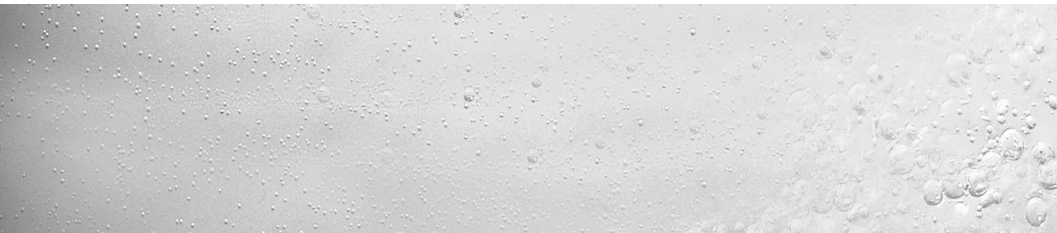


For the user / for the installer



Instructions for Use and Installation

time SWITCH 130



24 hour time clock

GB

GB Contents

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All Vaillant boilers have a built in frost thermostat. This time clock is not suitable for use with an external frost thermostat.

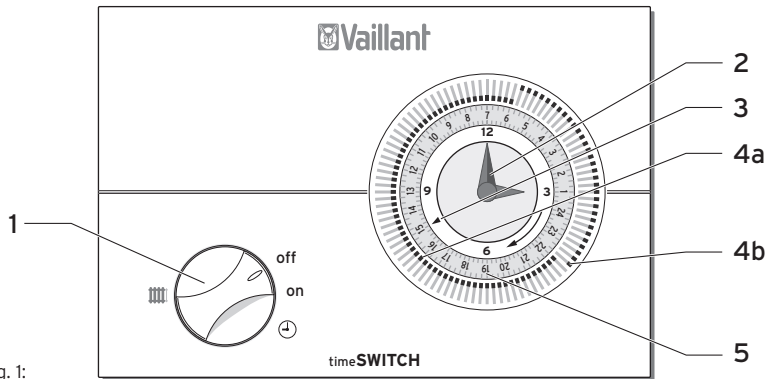


Fig. 1:



GB 1 Operating Summary

1 Operating mode switch

The time is controlled as follows:

Heating constantly off "off"

Heating constantly on "on"

Automatic heating programme "🕒"

2 Minute hand*

For showing and setting the time

3 Reference triangle*

Indicates the time of day

e.g. Fig. 1 "15.00"

4a Slide in the tappets

Tappet in = "on" = heating on

4b Slide out the tappets*

Tappet out = "off" = heating off

5 Time of day

The time of day can be read opposite the reference triangle (3). Please note that the time of day is given using a 24 hour clock.



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GB 2 Selecting of the operating mode

2.1 Selecting the operating mode

With the operating mode switch fig. 1 (1), you can change the operating mode of your heating system according to your requirements.

In position **"on"** , the heating is constantly on.

In position **"off"**, the heating is constantly off

In position ☺ , the heating operates automatically depending on the setting of the tappets.



3.1 Setting the timer

3.1.1 Reading time of day

The time of day can be read on the clock face below the reference triangle.

Note: The timer uses a 24 hour clock scale. 3pm is therefore 15:00.

3.1.2 Setting the timer

Turn the minute hand clockwise until the reference triangle coincides with the correct time of day.



GB 4 Programming heating periods

4.1 Setting the tappets

Set the tappets (4a) and (4b) as follows:

For heating on periods stick the tappets (4a) inwards.

For heating off periods stick the tappets (4b) outwards.

4.2 Setting the heating programme

Set the tappets (3) and (4) according to your heating requirements.



5.1 Weekend operation

If the heating is to be switched - on temporarily, e.g. during the weekend, turn the operating mode switch (1) to the position **"on"**. To return to automatic operation, turn the operating mode switch back to position ⌚.

5.2 Summer-time operation

Set the operating mode switch (1) to the **"off"** position. This turns off the heating system.

5.3 Operating and mains failure

The programmer contains no batteries. The timer stops if the mains power fails. However, the programme you have entered is retained. When the mains power returns, the heating programme re-starts automatically. The time of day must be corrected accordingly. Using the minutes hand (2) set the current time of day as previously described.



GB 6 Installation instructions

6 Installation instructions

All electrical work shall be undertaken by a competent person and shall comply with BS 7671 (IEE Regulations).

- Turn off the boiler.
- Isolate the electrical supply to the boiler

- Release the time clock blanking plate from the control box.
- Locate the five pins on the rear of the programmer and gently push the programmer until it locks into position.
- Recommission the boiler.



7 Commissioning

Turn on the electrical supply to the boiler and timer and commission as detailed in the instructions for installation supplied with the boiler.



The CE Mark demonstrates that this timeclock fulfills the essential requirements of the Low Voltage Directive (73/23/EEC) and, in connection with Vaillant heating appliances, the essential requirements of the Electromagnetic Compatibility Directive (89/336/EEC).

We do not accept any liability for damage resulting from non-observance of these instructions.



GB 8 Technical data

Appliance type	24 hour time clock
Operating voltage	24 V DC
Current input	35 mA max
Weight	approx. 200 g
Protection class	IP 20
Type of enclosure	II
Permissible storage temperature	-25...+70°C





GB Fig. 2

- 7 Blanking plate
- 8 Installation recess
- 9 24h time clock

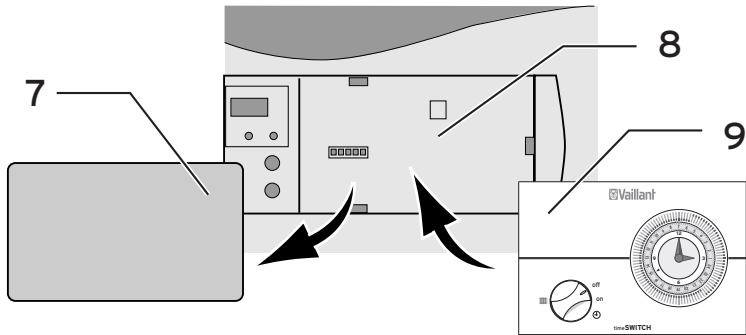


Fig. 2:



GB Fig. 3

10 Pins

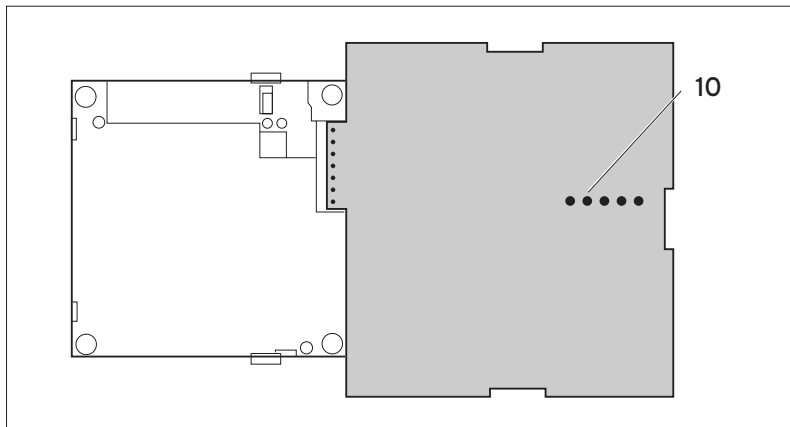


Fig. 3:



EC declaration of conformity

Name and Address of the manufacturer:

Valliant GmbH
Berghäuser Str. 40
42859 Remscheid

Identification of product:

Analogue timer

Identification of type:

timeSWITCH 130

The appliance types as described satisfies the essential requirements of the directives which apply to them:

Designed and built to the following standards:

73/23/EEC
"Directive on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits"

EN 60730

89/336/EEC

"Directive on the approximation of the law of the member states relating to electromagnetic compatibility."

EN 55014-1, EN 55014-2

Any change to the appliance and/or any use not according to the instructions will lead to the invalidation of this Declaration of Conformity

Remscheid, 2005-03-10
(place, date)

Program Manager
I.V.S. Pachner

Leader Certification
I.V. A. Num

VALLIANT 022005

Valliant GmbH

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EC declaration of conformity



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