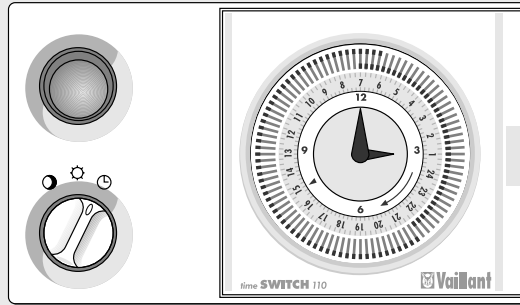


time **SWITCH** 110



Art.-No. 306 741

24 hour time clock

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



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I	Temporizzatore 24 ore	Istruzioni per l'uso	pagina 14 - 19
		Istruzioni per l'installazione	pagina 20 - 22
E	Reloj temporizador 24 horas	Instrucciones de uso	página 24 - 29
		Instrucciones de montaje	página 30 - 32
int		Abb., Fig., Afb.	Seite, page, Pag. 3, 34 ... 37



int Fig. 1

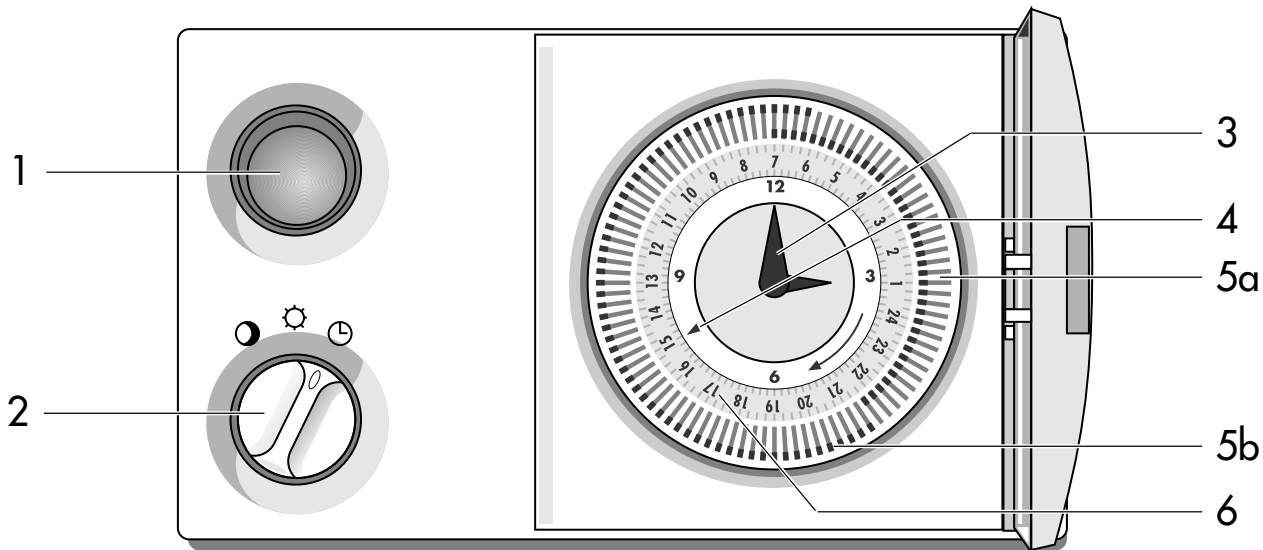


Fig. 1:

3



GB 1 Operating Summary

1 Indicator light

2 Operating mode switch

The time is controlled as follows:

Heating constantly off



Heating constantly on



Automatic heating programme



3 Minute hand*

For showing and setting the time

4 Reference triangle*

Indicates the time of day e.g. Fig. 1 "15.00"

5a Slide in the tappets*

Tappet in =  = heating on

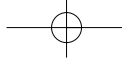
5b Slide out the tappets*

Tappet out =  = heating off

6 Time fo day

The time of day can be read opposite the reference triangle (4). Please note that the time of day is given using a 24 hour clock.

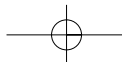
* The timer with the minute hand (3) and the tappets (5a, 5b) are accessible after opening the inspection window.



Contents **GB**



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3	Setting the timer	7
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GB 2 Selecting of the operating mode

2.1 Selecting the operating mode

With the operating mode switch fig. 1 (2), you can adapt the operating mode of your heating system according to your personal needs.

In position ☀, the heating is constantly on.

In position ○, the heating is constantly off

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

3 Setting the timer



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

Open the inspection window of 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 (5a) and (5b) as follows:

For heating on periods press the tappets (5a) inwards.

For heating off periods press the tappets (5b) outwards.



4.2 Setting the heating programme

Open the inspection window of the timer. Set the tappets (4) and (5) according for your heating requirements.


5 Special operating conditions **GB**



5.1 Weekend operation

If, for example, during the weekend, the heating is to be switched on temporarily, turn the operating mode switch (2) to the position . To return to automatic operation, turn the operating mode switch back to position .

5.2 Summer-time operation

Set the operating mode switch (2) to the  position. This turns off the heating system.

5.3 Operating and mains failure

For environmental protection reasons the programmer contains no batteries. The timer comes to a stand still if the mains power fails. However, the programme you have entered is retained. When the mains power returns, the heating programme continues automatically. The time of day must be corrected accordingly. Using the minutes hand (3) 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
- Open lower control cover (if fitted)
- Lower electronic control box by turning securing screws 90° and lowering fascia panel.
- Release the time clock blanking plate from the control box by pushing the retaining clip (situated on the right hand side, at the rear of the control box above the pressure gauge) to the left and pulling the blanking plate from the front of the control box.
- Raise and secure the control box into position.
- Locate the four pins on the rear of the programmer and gently push the programmer until it locks into position.
- Recommission the boiler.

7 Commissioning



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 the room thermostat fulfills the essential requirements of the Low Voltage Directive (73/23/EEC).

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



GB 8 Technical data

Appliance type

Article no.

Operating voltage

Current input

Dimensions: Width/Height/Depth

Weight

Protection class

Type of enclosure

Permissible storage temperature

24 hour time clock

306741

16...30 V DC

10 mA

148 mm/85 mm/29 mm

approx. 200 g

IP 20

II

-5...+60 °C