

UK

ENSURE THAT THESE INSTRUCTIONS ARE LEFT
FOR THE USER AFTER COMPLETION OF THE
BENCHMARK SECTION

Dewy 30/50 HE WM

User instructions



Please read the Important Notice within
this guide regarding your boiler warranty



IMPORTANT NOTICE

For the first year all of our appliances are protected by our manufacturer's guarantee which covers both parts and labour.

As you would expect from Sime Ltd, it is our aim to provide our valued customers with the best in after sales and service.

To take advantage of any extended warranty offered, all you have to do is to adhere to these 3 simple conditions:

- The installation must be carried out to Manufacturers/Benchmark Standards by a Gas Safe Registered Engineer, and recorded in the installation manual.
- The appliance must be registered with both Sime Ltd and Gas Safe within 30 days of installation.
- The appliance must be serviced annually, by either Sime Ltd or a Gas Safe registered engineer- ensuring that the Benchmark service record in the installation manual is completed.

Failure to comply with the above will result in only the 12 month warranty being offered.

In the absence of any proof of purchase, the 12 month warranty period will commence from the date of manufacture of the boiler as shown on the appliance data plate.

Code Of Practice

For the installation, commissioning and servicing
of domestic heating and hot water products

Benchmark places responsibilities on both manufacturers and installers.* The purpose is to ensure that customers** are provided with the correct equipment for their needs, that it is installed, commissioned and serviced in accordance with the manufacturer's instructions by competent persons and that it meets the requirements of the appropriate Building Regulations. Installers are required to carry out work in accordance with the following:

Standards of Work

- Be competent and qualified to undertake the work required.
- Install, commission, service and use products in accordance with the manufacturer's instructions provided.
- Ensure that where there is responsibility for design work, the installation is correctly sized and fit for purpose.
- Meet the requirements of the appropriate Building Regulations. Where this involves notifiable work be a member of a Competent Persons Scheme or confirm that the customer has notified Local Authority Building Control (LABC), prior to work commencing.
- Complete all relevant sections of the Benchmark Checklist/Service Record when carrying out commissioning or servicing of a product or system.
- Ensure that the product or system is left in a safe condition and, whenever possible, in good working order.
- Highlight to the customer any remedial or improvement work identified during the course of commissioning or servicing work.
- Refer to the manufacturer's helpline where assistance is needed.
- Report product faults and concerns to the manufacturer in a timely manner.

Customer Service

- Show the customer any identity card that is relevant to the work being carried out prior to commencement or on request.
- Give a full and clear explanation/demonstration of the product or system and its operation to the customer.
- Hand over the manufacturer's instructions, including the Benchmark Checklist, to the customer on completion of an installation.
- Obtain the customer's signature, on the Benchmark Checklist, to confirm satisfactory demonstration and receipt of manufacturer's instructions.
- Advise the customer that regular product servicing is needed, in line with manufacturers' recommendations, to ensure that safety and efficiency is maintained.
- Respond promptly to calls from a customer following completion of work, providing advice and assistance by phone and, if necessary, visiting the customer.
- Rectify any installation problems at no cost to the customer during the installer's guarantee period.



*The use of the word "installer" is not limited to installation itself and covers those carrying out installation, commissioning and/or servicing of heating and hot water products, or the use of supporting products (such as water treatment or test equipment).

**Customer includes householders, landlords and tenants.

The Benchmark Scheme

Sime Ltd is a licensed member of the Benchmark Scheme which aims to improve the standards of installation and commissioning of domestic heating and hot water systems in the UK and to encourage regular servicing to optimise safety, efficiency and performance.

Benchmark is managed and promoted by the Heating and Hotwater Industry Council.
For more information visit www.centralheating.co.uk

Please ensure that the installer has fully completed the Benchmark Checklist in the use and maintenance section of the installation instructions supplied with the product and that you have signed it to say that you have received a full and clear explanation of its operation.

The installer is legally required to complete a commissioning checklist as a means of complying with the appropriate Building Regulations (England and Wales).

All installations must be notified to Local Area Building Control either directly or through a Competent Persons Scheme.

A Building Regulations Compliance Certificate will then be issued to the customer who should, on receipt, write the Notification Number on the Benchmark Checklist.

This product should be serviced regularly to optimise its safety, efficiency and performance.

The service engineer should complete the relevant Service Record on the Benchmark Checklist after each service.

The Benchmark Checklist may be required in the event of any warranty work and as supporting documentation relating to home improvements in the optional documents section of the Home Information Pack.

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Dewy 30/50 HE WM:
Gas Council number 47-719-23

VERY IMPORTANT!

**PLEASE MAKE SURE YOUR BENCHMARK CHECKLIST IN THE
INSTALLATION GUIDE, IS FILLED IN CORRECTLY.
ALL GAS SAFE REGISTER INSTALLERS CARRY A ID CARD.
THE REGISTRATION NUMBER SHOULD BE
RECORDED ON THE CHECK LIST.
YOU CAN CHECK YOUR INSTALLER IS GAS SAFE
REGISTERED BY CALLING ON 0800 408 5577**

LIGHTING AND OPERATION

BOILER IGNITION (fig. 1)

Ensure the gas supply is turned on. Lower the control panel cover and activate the boiler by rotating the selector knob to the summer position (☼).

The lighting-up of the green led (⓪) will indicate that the apparatus is switched-on and ready.

- With the rotary switch in the summer position (☼) the boiler will start-up upon demand for domestic hot water, and run at full power to reach the selected temperature. The gas feeding pressure will then automatically vary to ensure that the required temperature is kept constant.
- With the rotary switch in the winter position (❄️) once the boiler has reached the value set on the heating potentiometer, it will start to modulate in auto-

matically in order to supply the required power output to the system. The operation of the boiler will be stopped through the intervention of the thermostat or "Logica Remote Control".

TEMPERATURE ADJUSTMENT (fig. 2)

- The D.H.W. temperature can be adjusted by turning the knob of the D.H.W. potentiometer (⚙️). When there is a demand for hot water the yellow led (⚡) lights-up. When there is no request for heating or D.H.W. production (the leds ⏏️ and ⚡ are off), the tank unit maintenance temperature will appear on the red led scale 35±80°C.
- The C.H. temperature can be adjusted by turning the knob of the C.H. potentiometer (⚙️).

meter (⏏️). The set temperature is indicated on the red led scale from 35±80°C and the yellow heating led lights up at the same time (⚡). If the temperature of the C.H. return water is lower than around 55° C, condensation of the combustion by-products is obtained, further increasing the efficiency of the thermal exchange.

TURNING THE BOILER OFF (fig. 1)

To turn the boiler off place the selector knob on the **OFF** position. If the boiler is not going to be used for a lengthy period it is advised to turn off the electricity supply, close the gas cock, and if the temperatures foreseen are low, empty the boiler and the hydraulic system to avoid avoid frost damage.

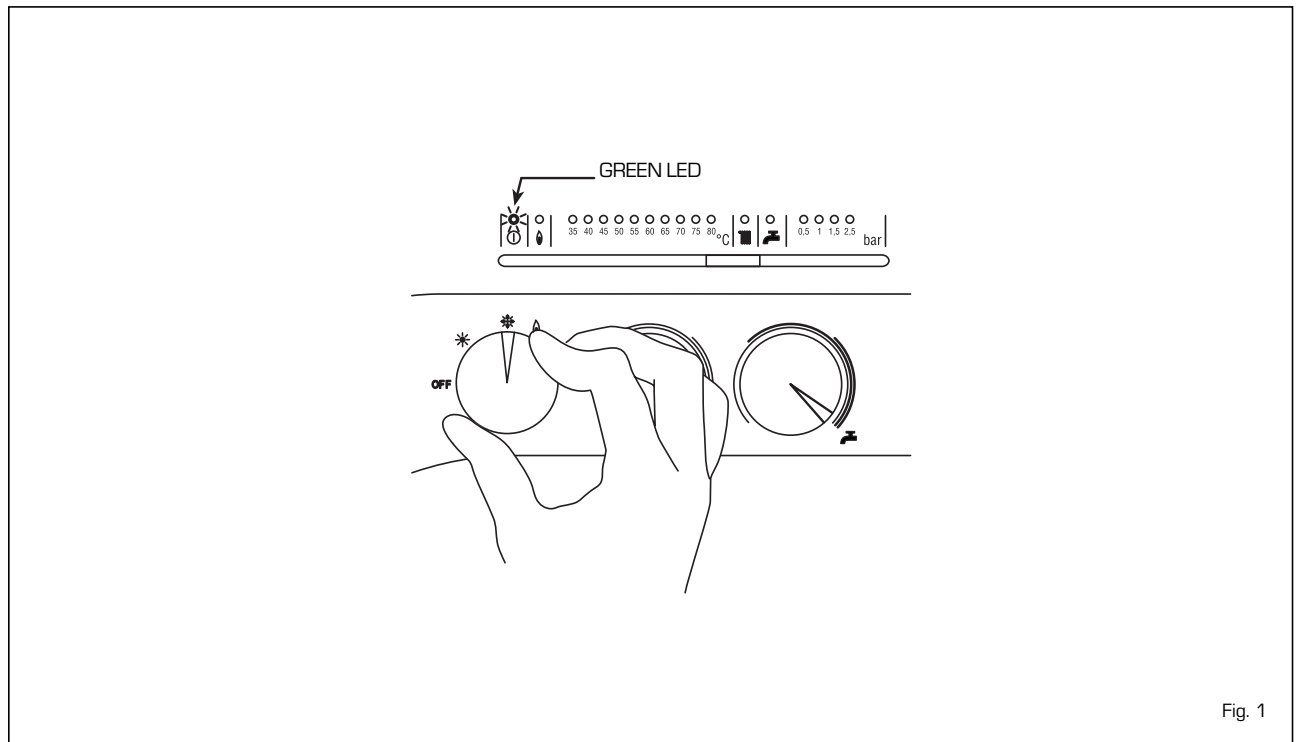


Fig. 1

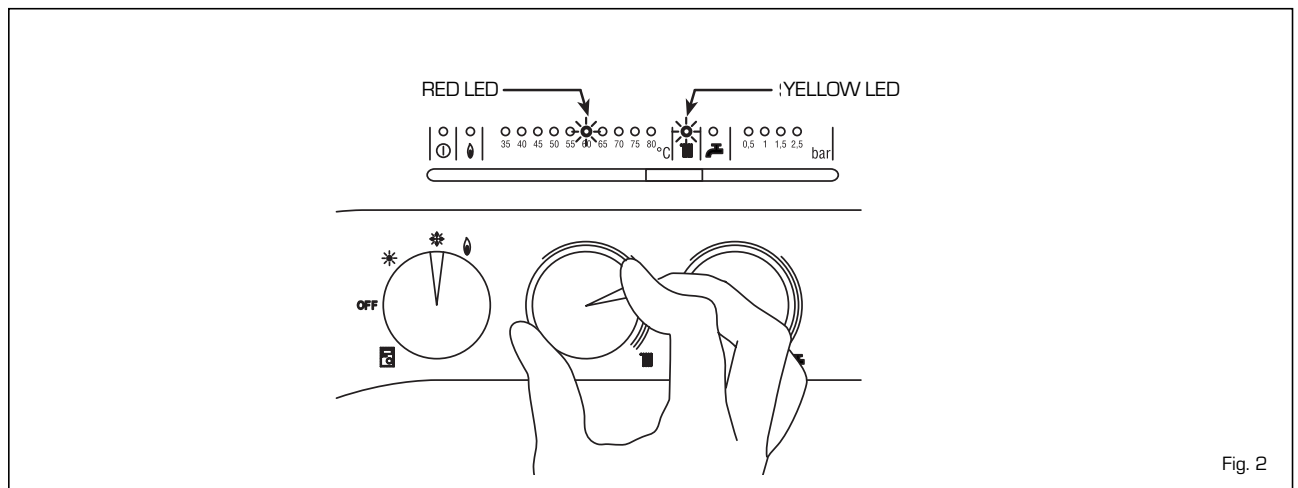


Fig. 2

GAS CONVERSION

Should it be necessary to convert the appliance to a different gas from the one for which the boiler has been equipped, approach the technical staff.


CLEANING AND MAINTENANCE




Preventive maintenance and checking of the efficient operation of the equipment and safety devices must be carried out exclusively by the authorized technical

staff. The boiler is supplied with an electric cable. Should this require replacement, contact exclusively with the authorized technical staff.

FAULT FINDING

- Ignition lock-out (fig. 3)

If the burners do not ignite, the red led will light-up ().

To attempt a boiler restart, rotate the selector knob to position () and release it immediately, placing it in the summer () or winter () operation position.

If the boiler lock-out re-occurs, contact an authorised Service Centre.

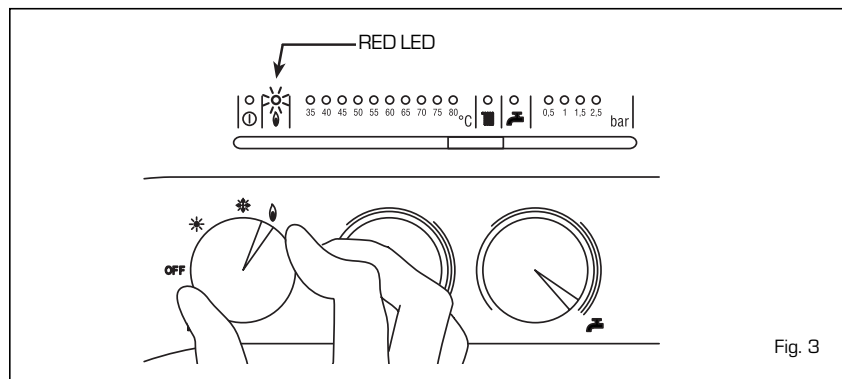


Fig. 3

- Insufficient water pressure (fig. 4)

If the red "0.5" bar led starts flashing, the boiler will not function.

To restore functioning fill the system until the green "1 bar" led lights up.

If all the leds are off, call the local authorised technical staff.

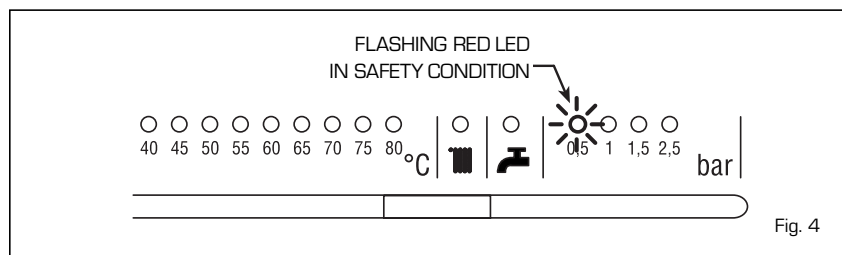





Fig. 4

- Safety stat trip (fig. 5)

If the safety thermostat trips, the red "35°C" led will start flashing. In order to attempt a boiler restart, rotate the selector knob to position () and release immediately, returning it to the summer () or winter () position.

If the boiler lock-out occurs again, call local authorised Service Centre for technical assistance.

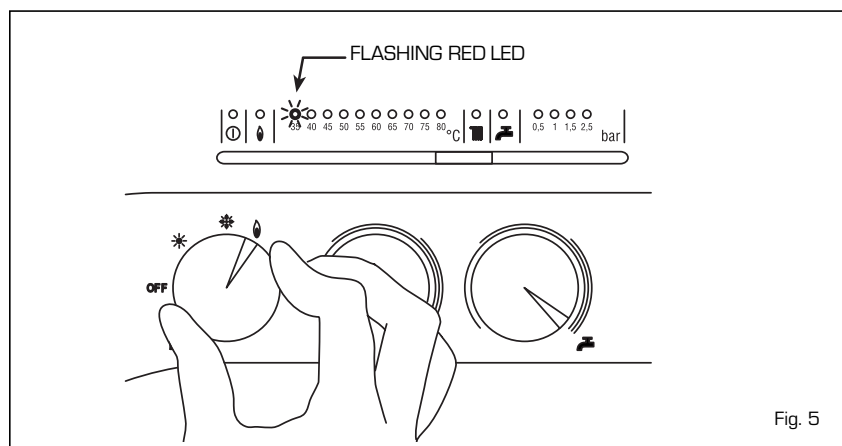


Fig. 5

- Other anomalies (fig. 6)

When one of the red "40÷80°C" leds start flashing, switch-off the boiler and then try to ignite again.

After 2 or 3 unsuccessful attempts, do not try again but call authorised technical staff.

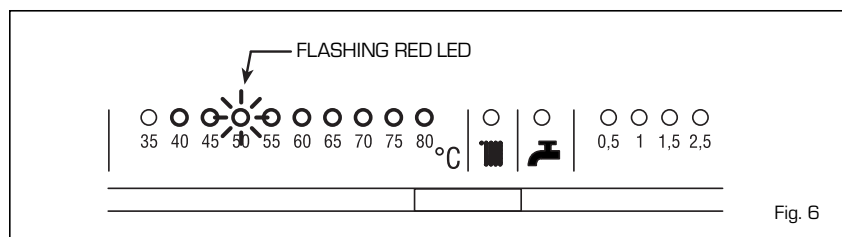


Fig. 6

LOGICA REMOTE CONTROL

When the boiler is connected to the "Logica Remote Control" regulator, the selector CR/OFF/SUM/WIN/UNBLOCK must be placed in the position (OFF); the knobs of the hot-water service heating potentiometers do not have any effect and all of the functions will be managed by the regulator (fig. 7).

If the "Logica Remote Control" breaks

down, the boiler will function by placing the selector on the (OFF), position, obviously without consequent control of the room temperature.

The operating instructions are reported inside the cover (fig. 8).

Each setting or modification is displayed (fig. 9).

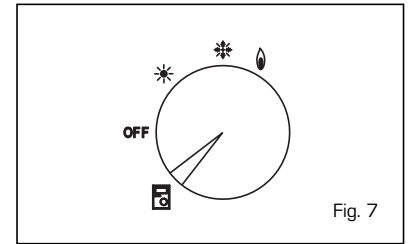


Fig. 7

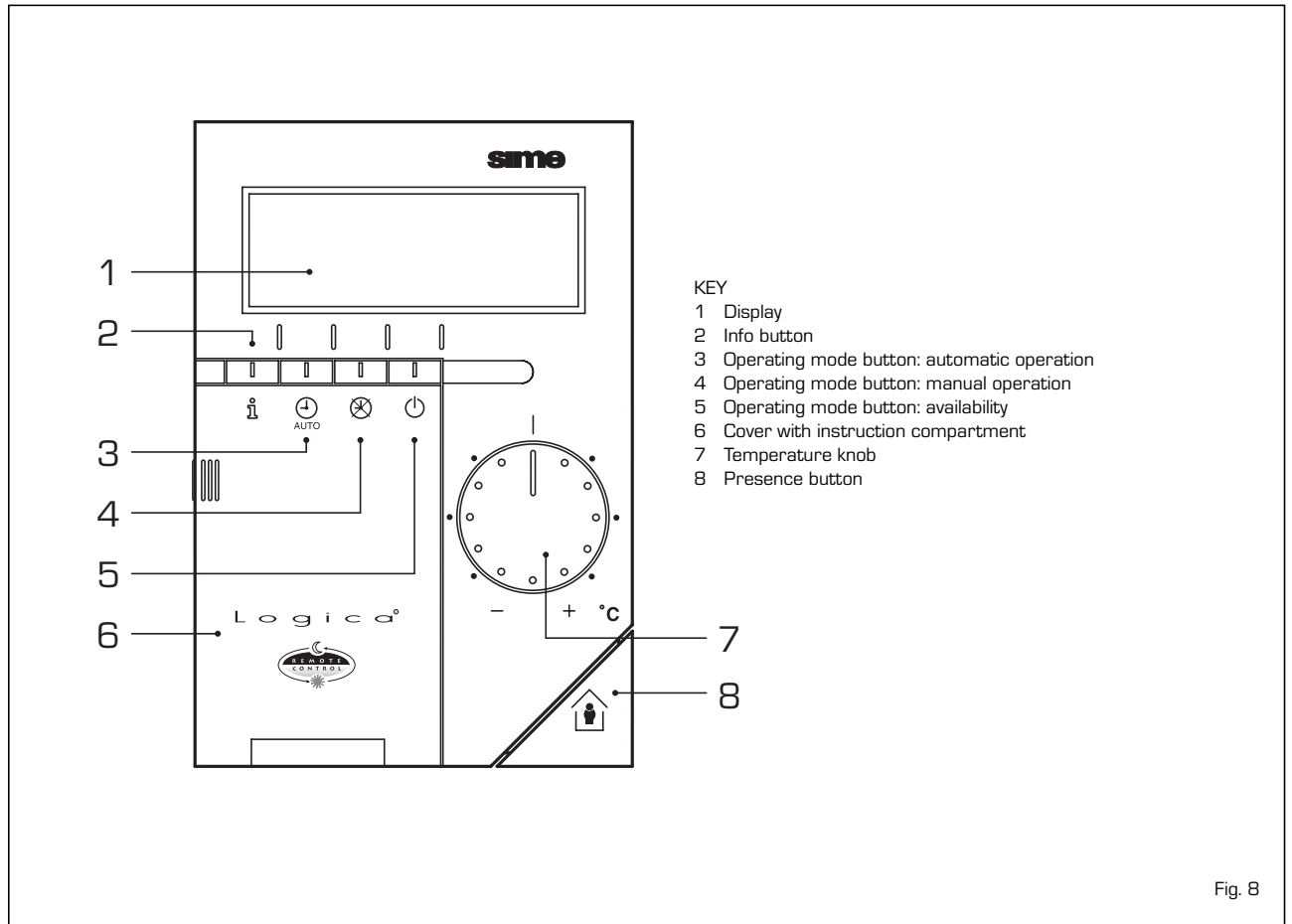


Fig. 8

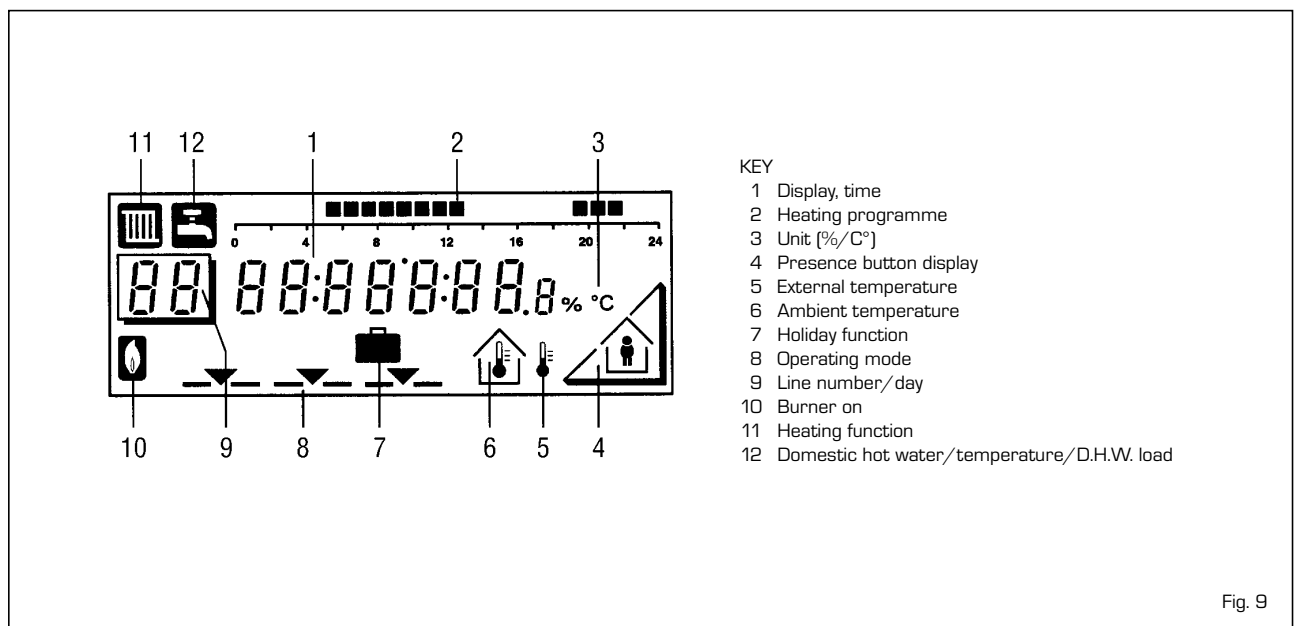
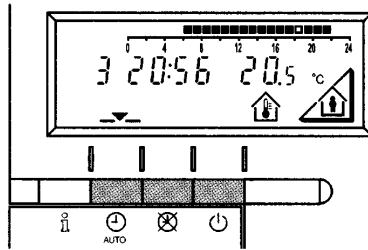



Fig. 9

ACTIVATING

During functioning the lid of the regulator must be closed.

- Selection of the operating mode
(reference keys grey colour)



The operating mode desired is selected by pressing the relative key with the corresponding symbol. The choice is displayed with the symbol .



AUTO

Automatic functioning: the heating functions automatically according to the heating programme entered. The programme may be excluded for brief periods with the on-line key.

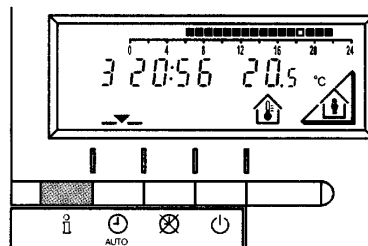


Manual functioning: the heating functions manually according to the choice made with the on-line key.



Availability: the heating is deactivated.

- Info key
(reference key grey colour)



For every operation of the Info key the following list of items, one after the other, are displayed. The thermo-feeler continues to function independently of the display.



Day, hour, room temperature



External temperature*

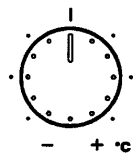


Hot-water service temperature*

* This data appear only if the relative feeler is connected or if they are transmitted by the regulator of the boiler.

- Adjusting the temperature

Before adjusting the temperature of the regulator, the thermostatic valves, which may be present, have to be regulated to the desired temperature.



If it is too hot or too cold in your apartment, you can easily adjust the fixed temperature with the temperature knob.



If you turn the knob towards the + sign, the fixed temperature is increased by about 1 °C for every notch.

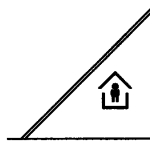


If you turn the knob towards the - sign, the fixed temperature is decreased by about 1 °C for every notch.

Before adjusting it again, however, allow the temperature to stabilise first.

Note: With the temperature knob you can only adjust the fixed temperature, whilst the reduced temperature remains the same.

- On-line key





If the rooms remain unused for a long period of time, the temperature can be reduced with the on-line key, in this way saving energy. When the rooms are occupied again, press the on-line key to re-heat them. The current choice is displayed on the display:



Fixed temperature heating



Reduced temperature heating

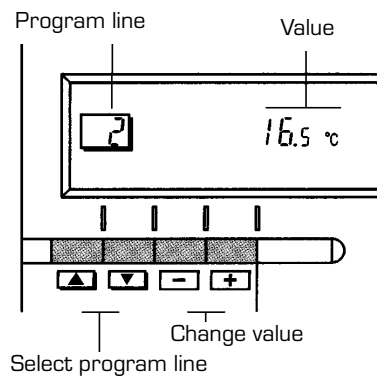
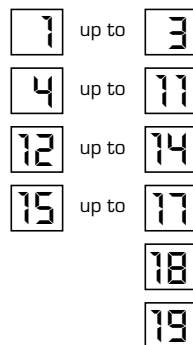
NOTA: The choice made will work in a permanent way when manually , carried out, instead, if automatic  it will work up to the next switching according to the heating programme.

PROGRAMMING

For the programming the lid of the regulator must be open.

You can set or display the following values:

- Temperatures 1 up to 3
- Heating programme 4 up to 11
- Day of the week and hour 12 up to 14
- Current values 15 up to 17
- Vacation period 18
- Return to the default values 19



As soon as the cover is open, the display and the key functions are switched on.

The number in the square represents the programme lines that may be selected with the arrow keys.

- Temperature regulation

Before proceeding with the adjustment in the temperature on the regulator, the thermostatic valves, which may be present, have to be regulated to the desired temperature.

In automatic mode, the apparatus switches from the fixed temperature to the reduced temperature according to the temporal programme. The manual switching of the temperature is done manually with the on-line key.



Fixed temperature: temperature when the rooms are occupied (basic setting)








Reduced temperature: temperature during periods of absence or night



Hot-water service temperature:
- desired temperature of hot-water service
- comfort temperature of the hot-water service (with storage capacity boiler unit)



Reduced temperature of hot-water service (with storage capacity boiler unit): temperature desired for hot-water service at reduced level.

To have access to the "reduced hot-water service temperature" parameter, press the  and  keys at the same time for at least 5 seconds and then go along the entered lines with the key  until parameter 61 is reached. Regulate the value with  and .

- Heating/hot-water service programme

With the heating programme it is possible to set the switching times of the temperature for a period of a week. The weekly programme consists of 7 daily programmes. One daily programme allows 3 phases of heating. Each phase is defined by a starting time and a finishing time. The n. 8 daily programme is for the hot-water service. If a phase is not required, the same starting and finishing time may be entered.



- 4 Select the days that correspond with the heating phase.
1 = Monday, ... 7 = Sunday/8 = hot-water service programme
- 5 Start of phase 1: heating with fixed modality
- 6 End phase 1: heating with reduced modality
- 7 Start phase 2: heating with fixed modality
- 8 End phase 2: heating with reduced modality
- 9 Start phase 3: heating with fixed modality
- 10 End phase 3: heating with reduced modality
- 11 Copying of the daily programme

+ By pressing this key it is possible to repeat the current heating programme for the **next day**.

- By pressing this key it is possible to repeat the current heating programme for the **previous day**.

As a confirmation the following day is displayed.

- Programme for hot-water service (with storage capacity boiler unit)

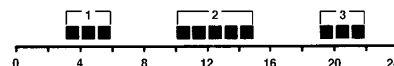
With the Logic Remote Control it is possible to manage the temperature of boiler unit on two levels (a comfort level and one at reduced temperature) in accordance with the programme chosen with parameter 62 (load hot-water service). To have access to the parameter press the ▲ and ▼ keys for at least 5 seconds and then go along the entered lines with the ▼ key until parameter 62 is reached. At this point four different programmes may be selected with - or + keys, with the following characteristics:

0 = 24 hours/ day - Hot water always available at the temperature set in parameter 3.

1 = standard - Hot water according to the daily heating programme. In the comfort periods of the heating the temperature of the boiler unit is regulated at the value set via parameter 61.

2 = service suspended.

3 = second daily programme (8) - Everyday of the week the temperature of the hot-water service is set according to programme B. In this case the programming is one for all the days of the week and three periods of time are available. In the periods of time set, the temperature of the boiler unit is controlled via the temperature setting of parameter 61.



- 5 Start phase 1: preparation of the boiler unit to the comfort temperature
- 6 End phase 1: Temperature of boiler unit maintained at the reduced value
- 7 Start phase 2: Preparation of boiler unit to the comfort temperature
- 8 End phase 2: Temperature of boiler unit maintained at the reduced value
- 9 Start phase 3: preparation of boiler unit to the comfort temperature
- 10 End phase 3: Temperature of boiler unit maintained at the reduced value

- **Setting the time**

12



To set the current day of the week
(1 = Monday/7 = Sunday)

13

To set the current hour

14

To set the current minute
Once the hour is completed, the setting of the hour changes.

With  and  keys the current hour is regulated. Pressing these keys together, the regulation is speeded up in an increasing sense.

- **Current values**



15

Display and setting of the gradient of the heating characteristics curve.
When the room temperature set is not reached choose the gradient indicated in point 2.11.3

16

Display of the current boiler temperature.


17

Display of the current power of the burner and of the current operating mode
( = heating/  = hot-water service)

- **Vacation function**

18

To enter the number of days of absence.

In the display the vacation symbol will be shown () , on the left the day of activation (1 = Monday/7 = Sunday) and on the right the number of vacation days.

NOTE:



During the vacation the regulator will be on the availability mode.





When the set days have elapsed, the regulator will go on to the automatic function.

The vacation period may be cancelled by pressing a key of the operating mode.

- **Default values**



19

To take the setting to the default values, press the  and  keys at the same time for at least 3 seconds. As confirmation a sign will appear on the display.

ATTENTION

The values of the following line numbers previously entered will be lost.

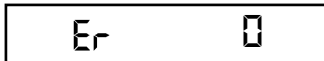
• Temperature and time programme

 to 


• Vacation period



- Error display




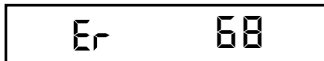
Ignition lock-out

Rotate selector CR/OFF/EST/INV/RESET on the boiler control panel to the release position () to reset operation (fig. 3).
If the lock-out re-occurs, call an authorised Service Centre.



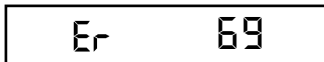
Safety thermostat trip

Rotate selector CR/OFF/EST/INV/RESET on the boiler control panel to the release position () to reset operation (fig. 5).
If the lock-out re-occurs, call an authorised Service Centre.



Heating sensor fault (SM)

Call an authorised Service Centre.



Insufficient water pressure

Restore functioning by filling the boiler.



Plant overpressure

Call an authorised Service Centre.



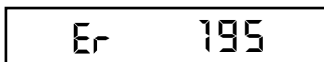
Safety thermostat trips

Call an authorised Service Centre.



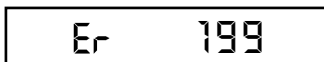
Ventilator malfunction

Call an authorised Service Centre.



No communication between the "Logica Remote Control" and the boiler.

Call an authorised Service Centre.



Flowmeter fault.

Switch-off the boiler and then try to ignite again. After 2 or 3 unsuccessful attempts, do not try again but call authorised Service Centre.



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