

UK

ENSURE THAT THESE INSTRUCTIONS ARE LEFT FOR  
THE USER



# MURELLE HE 110 R

## 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 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 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.

### SAFE HANDLING

This boiler may require 2 or more operatives to move it into its installation site, remove it from its packaging and during movement into its installation location. Manoeuvring the boiler may include the use of a sack truck and involve lifting pushing and pulling.

Caution should be exercised during these operations.

Operatives should be knowledgeable in handling techniques when performing these tasks and the following precautions should be considered:

- Grip the boiler at the base
- Be physically capable
- Use personal protective equipment as appropriate e.g. gloves, safety footwear.

During all manoeuvres and handling actions, every attempt should be made to ensure the following unless unavoidable and/or the weight is light.

- Keep back straight
- Avoid twisting at the waist
- Always grip with the palm of the hand
- Keep load as close to the body as possible
- Always use assistance

#### WARNING

Caution should be exercised when performing any work on this appliance.

Protective gloves and safety glasses are recommended.

- Avoid direct contact with sharp edges.
- Avoid contact with any hot surfaces.

#### NOTICE

Please be aware that due to the wet testing of the appliance, there may be some residual water in the hydraulic circuit.

- Protect any surfaces, carpets or floorings.
- Use a suitable container to catch any water that escapes when removing the protective caps from the connections.



*Murelle HE 110 R: Gas Council number 41-283-28*

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## WARNINGS

- In case of fault and/or incorrect equipment operation, deactivate it, without making any repairs or taking any direct action. Apply only to qualified technical personnel.
- Boiler installation and any other assistance and/or maintenance activity must be carried out by qualified personnel pursuant to Standard CEI 64-8. Under no circumstances, the devices sealed by the manufacturer can be tampered with.
- It is absolutely prohibited to block the intake grilles and the aeration opening of the room where the equipment is installed.
- The manufacturer shall not be held liable for any damage caused by improper use of the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

## VERY IMPORTANT!

**PLEASE MAKE SURE YOUR 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. 24)

The first ignition of the boiler must be carried out by qualified technical personnel.

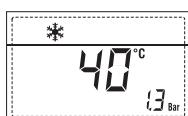
Successively, if it is necessary to start up the boiler again, adhere strictly to the following instructions: open the gas isolation valve to allow the flow of the fuel and move the main switch of the system to "ON".

When fuel is fed to the boiler, a sequence of checks will be carried out and the display shows the normal condition of the functioning, indicating the pressure of the system.

If the blue luminous bar is on, this indicates the presence of voltage (fig. 24).

Press the button (\*) of control panel (pos. 2) to activate the winter (heating) mode function.

Functioning. The display will be as shown:



**N.B.:** The first key press illuminates the display, successive key presses will be recognised to alter the mode or values.

### REGULATION OF THE WATER TEMPERATURE FOR HEATING (fig. 25)

To set the temperature of the water for heating, press the key IIII of the controls [2].

The first time the key is pressed, the SET of heating circuit 1 is selected. The second time it is pressed, the SET of heating circuit 2 is selected. The third time the key is pressed, the SET of heating circuit 3 is selected (Three zones).

The setting of heating zone 2 will only apply if a second zone is installed and managed by the boiler. The display will be as shown in figure 25.

Change the values with the key + and -.

The standard display will return by pressing the key IIII again, or after 10 seconds if no key is pressed.

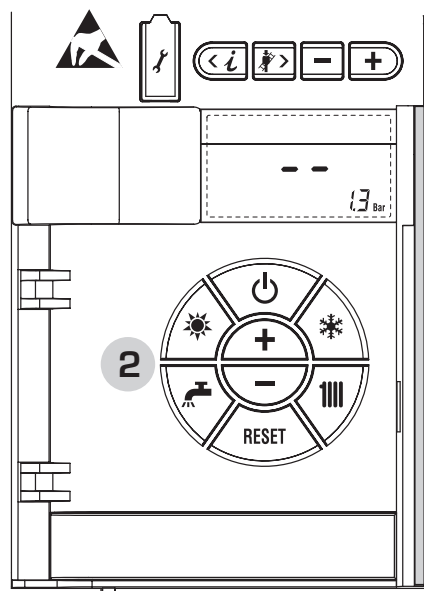


Fig. 24

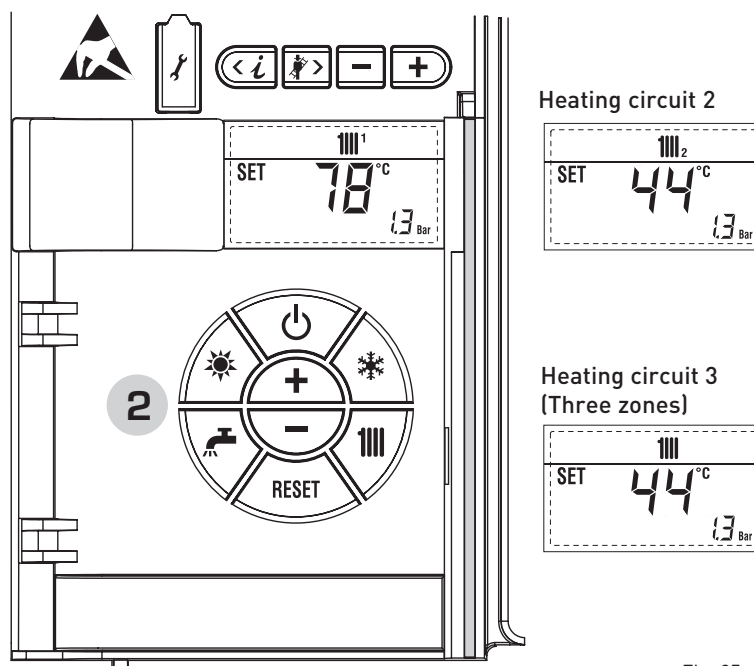


Fig. 25

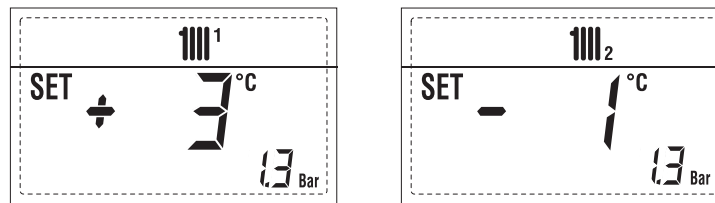


Fig. 25/a


### Regulation of the external sensor (fig. 25/a)

If an external sensor is installed, the value of the output temperature is automatically chosen by the system, which quickly adjusts the environmental temperature on the basis of the external temperature.

If you wish to change the value of the temperature, increasing or decreasing that calculated automatically by the electronic card, proceed as indicated in the preceding paragraph.

The level of various correction of a value of temperature proportional calculated. The display will be as shown in fig. 25/a.

### TO SWITCH OFF THE BOILER (fig. 24)

In the case of a short absence, press the key (  ) of the controls (pos. 2).

The display will be as shown in fig. 24. In this way, leaving the electrical and the fuel supply connected, the boiler is protected from frost and from the pump becoming jammed.

If the boiler is not used for a prolonged period, it is advisable to disconnect the electricity supply, by switching off the main switch of the system, and to close the gas isolation valve and, if low temperatures are expected, to completely empty the hydraulic circuits to avoid pipes being damaged by frost.

### ERRORS AND SOLUTIONS

When there is a functioning error, the display shows an alarm and the blue luminous bar becomes red. Descriptions of the errors with the

relative alarms and solutions are given below:

#### - ALARM 02 (fig. 27/a)

If the water pressure detected is lower than 0.5 bar, the boiler will stop and the display will show "ALL 02".

Using the external filling device, repressurise the heating system until the pressure indicated by the display is between 1 and 1.5 bars.

**If it is necessary to repeat the re-filling procedure, it is advisable to contact qualified technical personnel to check the soundness of the heating system (to check whether there are any leaks).**

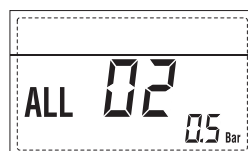


Fig. 27/a

#### - ALL 03

**Request assistance from qualified technical personnel.**

#### - ALL 04

**Request assistance from qualified technical personnel.**

#### - ALL 05

**Request assistance from qualified technical personnel.**

#### - ALL 06 (fig. 27/c)

Press the key (  ) of the controls (2) to re-start the boiler.

**If the error persists, request assistance from qualified technical personnel.**

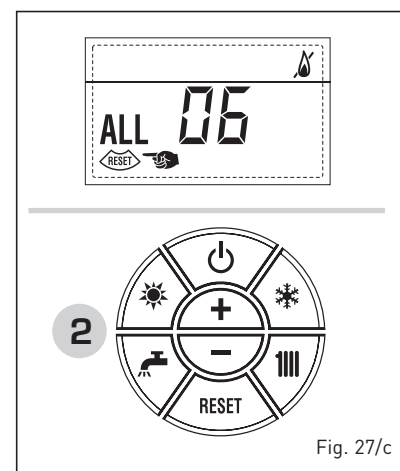


Fig. 27/c

#### - ALL 07 (fig. 27/d)

Press the key (  ) of the controls (2) to re-start the boiler.

**If the anomaly persists, request assistance from qualified technical personnel.**

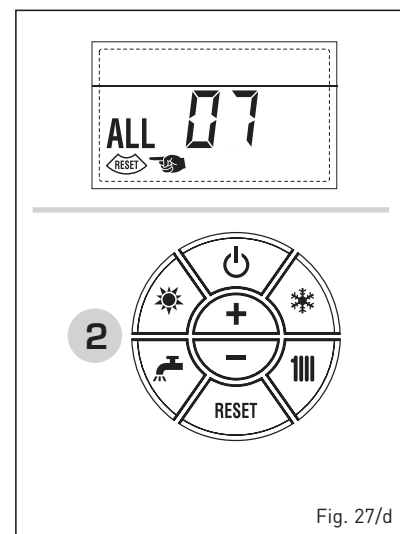

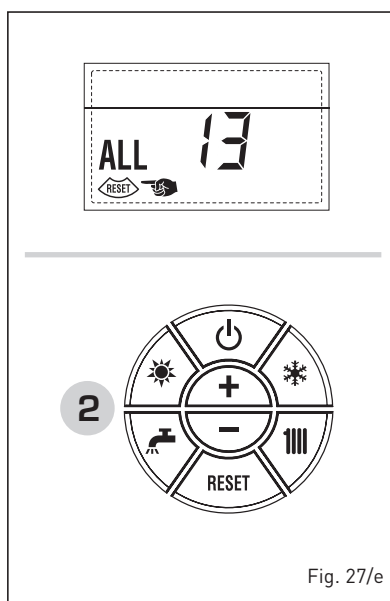



Fig. 27/d

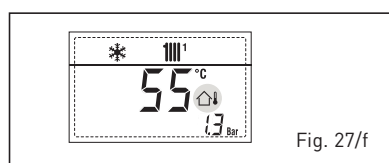
#### - ALL 08

**Request assistance from qualified technical personnel.**

- ALL 09  
Request assistance from qualified technical personnel.
- ALL 10  
Request assistance from qualified technical personnel.
- ALL 13 (fig. 27/e)  
Press the key  of the controls (2) to re-start the boiler.  
**If the error persists, request assistance from qualified technical personnel.**



- ALL 14  
Request assistance from qualified technical personnel.
- ALL 15  
Request assistance from qualified technical personnel.
- EXTERNAL SENSOR FAULT (fig. 27/f)  
If a external sensor (SE) is fitted, should it become short-circuited, the symbol flashes on the display .  
During such error the boiler continues normal functioning.



- ALL 20  
Request assistance from qualified technical personnel.
- ALL 21  
Request assistance from qualified technical personnel.
- ALL 22  
Request assistance from qualified technical personnel.

- ALL 23  
Request assistance from qualified technical personnel.
- ALL 29  
Request assistance from qualified technical personnel.
- From "ALL 30" to "ALL 35"  
Request assistance from qualified technical personnel.
- ALL 70 e ALL 71  
These errors are shown on Remote control display panel CR 73.  
Request assistance from qualified technical personnel.

## GAS CONVERSION

If it is necessary to change to a different type of gas, request assistance only from authorised technical personnel.

## MAINTENANCE

Annual maintenance of the appliance should be planned sufficiently in advance, and can only be done by registered, licenced technical personnel.





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