OPERATING INSTRUCTIONS FOR THE USER

1.1 INTRODUCTION ................................................................. 4
1.2 APPLIANCE OPERATION
1.3 OPERATING INSTRUCTIONS
1.4 ERRORS AND SOLUTIONS ................................................... 7
1.5 MINIMUM CLEARANCES
1.6 ROUTINE SERVICING
1.7 ELECTRICAL SUPPLY ....................................................... 8
1.8 TO CONNECT A PLUG
1.9 SAFETY

MECHANICAL TIME CLOCK (CODE 8092228) ......................................... 9
DIGITAL TIME CLOCK (CODE 8092229) .................................................. 10
ANALOGIC RF TIME PROGRAMMER (CODE 8092231) .................................. 11
DIGITAL RF TIME PROGRAMMER (CODE 8092232) ....................................... 12

**Murelle System HE 12**: Gas Council number 41-283-05
**Murelle System HE 20**: Gas Council number 41-283-06
**Murelle System HE 25**: Gas Council number 41-283-07
**Murelle System HE 30**: Gas Council number 41-283-08
**Murelle System HE 35**: Gas Council number 41-283-09

**Murelle HE 25**: Gas Council number 47-283-10
**Murelle HE 30**: Gas Council number 47-283-11
**Murelle HE 35**: Gas Council number 47-283-12

These appliances comply with the S.E.D.B.U.K. scheme, band “A”

---

**VERY IMPORTANT!**

PLEASE MAKE SURE YOUR LOG BOOK ENCLOSED IS FILLED IN CORRECTLY.
ALL CORGI REGISTERED INSTALLERS CARRY A CORGI ID CARD.
BOTH SHOULD BE RECORDED IN YOUR CENTRAL HEATING LOG BOOK.
YOU CAN CHECK YOUR INSTALLER IS CORGI REGISTERED
BY CALLING ON 01256 372300
OPERATING INSTRUCTIONS FOR THE USER

THE GAS SAFETY (INSTALLATION AND USE) REGULATIONS 1996. It is the law that all gas appliances are installed by a registered person, in accordance with the above regulations. Failure to install appliances correctly could lead to prosecution. It is in your own interest, and that of safety, to ensure that the law is complied with.

It is essential that the appliance is correctly earthed. An electricity supply of 240 V - 50 Hz fused at 3 A is required. Read these instructions carefully before attempting to operate the appliance.

1.1 INTRODUCTION

The Sime "MURELLE HE" family is a fully automatic, wall mounted, room sealed, fan assisted range of combination boilers. When operating in winter mode, the appliance provides central heating as required and produces instantaneous hot water upon demand.

When operating in summer mode, the central heating is not operational however the appliance continues to supply hot water whenever it is required.

The Sime "MURELLE HE SYSTEM" family is a fully automatic, wall mounted, room sealed, fan assisted range of system boilers. The appliance provides central heating as required.

1.2 APPLIANCE OPERATION

A demand of hot water will be sensed by the appliance detecting water flow (providing that the flow rate is above 2 l/m - 0.5 gal/min). The fan will start and the burner will light at full output. If the draw off rate is near the maximum design flow rate the appliance will run continuously at full output until a tap is either turned off or the flow rate is reduced in which case the heat output will reduce accordingly to maintain a steady temperature.

Hot water is made available almost immediately at the appliance outlet, but the final temperature and time taken for the hot water to reach a tap depends upon the potentiometer setting, the rate at which water is drawn off, and the length of the pipe between the boiler and the tap.

When the tap is turned off, the appliance will revert to C.H. mode (if set on winter position) otherwise the burner will be extinguished pending the next demand for hot water.

1.3 OPERATING INSTRUCTIONS

1.3.1 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 tap to allow the flow of the fuel. 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 will be as shown in the figure, always indicating the pressure of the system. If the blue luminous bar is on, this indicates the presence of voltage.

Winter

Press the key ⚫ of the controls (pos. 2) to activate the winter mode functioning (heating and C.H.W.). The display will be as shown in the figure.

---

Fig. 24
Summer

Press the key ☀ of the controls (pos. 2) to activate the summer mode functioning (only the production D.H.W.). The display will be as shown in the figure.

1.3.2 Regulation C.H. temperature (fig. 25)

To set the temperature of the water for heating, press the key ♂ 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 if second zone fitted is selected. The display will be as shown in the figure. Change the values with the key + and −.

Standard visualisation will return to the display by pressing the key ♂ again, or after 10 seconds if no key is pressed.

Regulation of the external sensor

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.

1.3.3 Regulation D.H.W. temperature (fig. 26)

To set the desired temperature of the D.H.W., press the key ☀ of the controls (pos. 2). The display will be as shown in the figure. Change the values with the key + and −.

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

1.3.4 To switch off the boiler (fig. 24)

In the case of a short absence, press the key \( \bigcirc \) of the controls (pos. 2). The display will be as shown in the figure. In this way, leaving the electricity 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 tap and, if low temperatures are expected, to completely empty the hydraulic circuits to avoid pipes being broken by the formation of ice in the pipes.
1.4 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:

- **ALL 01** (fig. 27)
  Seek help and advice from a qualified engineer.

- **ALL 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”. To proceed increase the system pressure to between 1 and 1.5 bar.

- **ALL 03**
  Seek help and advice from a qualified engineer.

- **ALL 04**
  Seek help and advice from a qualified engineer.

- **ALL 05**
  Seek help and advice from a qualified engineer.

- **ALL 06** (fig. 27/c)
  Press the key of the controls (2) to re-start the boiler.
  If the error persists seek help and advice from a qualified engineer.

- **ALL 07** (fig. 27/d)
  Press the key of the controls (2) to re-start the boiler.
  If the error persists seek help and advice from a qualified engineer.

- **ALL 08**
  Seek help and advice from a qualified engineer.

- **ALL 09**
  Seek help and advice from a qualified engineer.

- **ALL 10**
  Seek help and advice from a qualified engineer.

- **ALL 13** (fig. 27/e)
  Press the key of the controls (2) to re-start the boiler.
  If the error persists seek help and advice from a qualified engineer.

- **ALL 14**
  Seek help and advice from a qualified engineer.

- **ALL 15**
  Seek help and advice from a qualified engineer.

1.5 MINIMUM CLEARANCES

The following MINIMUM CLEARANCES must be available for servicing the appliance:

<table>
<thead>
<tr>
<th></th>
<th>For ventilation</th>
<th>For servicing</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABOVE THE APPLIANCE CASING</td>
<td>200 mm</td>
<td>300 mm</td>
</tr>
<tr>
<td>AT THE R.H.S</td>
<td>15 mm</td>
<td>15 mm</td>
</tr>
<tr>
<td>AT THE L.H.S</td>
<td>15 mm</td>
<td>15 mm</td>
</tr>
<tr>
<td>BELOW THE APPLIANCE CASING</td>
<td>200 mm</td>
<td>200 mm</td>
</tr>
<tr>
<td>IN FRONT OF THE APPLIANCE</td>
<td>350 mm</td>
<td>500 mm</td>
</tr>
</tbody>
</table>

1.6 ROUTINE SERVICING

To ensure continued efficient operation of the appliance, it is recommended that it is checked and serviced as necessary at regular intervals. The frequency of servicing will depend upon the particular installation conditions and usage but in general once a year should be adequate. It is the law that any service work must be carried out by a registered person (C.O.R.G.I.).

1.7 ELECTRICAL SUPPLY

THIS APPLIANCE MUST BE EARTHED.
The mains supply must be fused at 3 amp.

1.8 TO CONNECT A PLUG

As the colour of wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- the wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol - or coloured green and yellow;
- the wire which is coloured blue must be connected to the terminal marked with the letter N or coloured black;
- the wire which is coloured brown must be connected to the terminal marked with the letter L or coloured red.

1.8.1 Ventilation

If the appliance is installed in a cabinet, the latter MUST NOT be used for storage purposes. Any ventilation provided for the appliance during installation MUST NOT be blocked and a periodic check must be made to ensure that the vents are free from obstructions.

1.8.2 Cleaning

Use only a damp cloth and mild detergent to clean the appliance outer casing. DO NOT use abrasive cleaners.

1.9 SAFETY

It is essential that the instructions in this booklet are strictly followed for the safe and economical operation of this appliance. The appliance functions as a fan assisted balanced flue unit. The flue terminal MUST NOT BE OBSTRUCTED under any circumstances. If damaged, turn off the appliance and consult the installer; service engineer; or gas supplier. If it is known or suspected that a fault exists on the appliance it MUST NOT be used until the fault has been rectified by a competent person.

WARNING: IF A GAS LEAK IS SUSPECTED OR EXISTS, TURN OFF THE GAS SUPPLY TO THE APPLIANCE AT THE GAS SERVICE COCK. DO NOT OPERATE ANY ELECTRICAL SWITCH-
Setting the time
The time of day can be set by grasping the outer edge of the black dial and turning it in a clockwise direction until the correct time is in line with the white pointer.

Setting the "switching time"
The "ON" periods are set by sliding the blue tappets, adjacent to the time periods required, to the outer edge of the dial. The tappets that remain at the centre of the dial will be the "OFF" periods.

N.B.: The smallest switching time (ON or OFF) is 15 minutes.
- To select "Timed" mode move the selector switch in the middle of the clock face to the "O" position.
- To select "Constant" mode move the selector switch in the middle of the clock face to the "I" position.
- To select "OFF" mode move the selector switch in the middle of the clock face to the "O" position.
When the selector is in the “AUTO” position, boiler functioning is automatically controlled on the basis of the temperature levels and time periods set. The second selector must be in the “RUN” position to start. The programming procedure is described below:

- **Setting the time**
  Set the selector to the “CLOCK” position. Press “h” to change the hour on the display, or “m” to change the minutes. To set the day, press the “1…7” button until the arrow is pointing to the correct day (1 = Monday… 7 = Sunday).

- **Setting the program**
  The time clock has 8 on times and 8 off times. To make it easier to use, the time clock is supplied with 3 on times and 3 off times already set for each day of the week, as shown below:

<table>
<thead>
<tr>
<th>Program</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>06:00</td>
</tr>
<tr>
<td>2</td>
<td>09:00</td>
</tr>
<tr>
<td>3</td>
<td>12:00</td>
</tr>
<tr>
<td>4</td>
<td>14:00</td>
</tr>
<tr>
<td>5</td>
<td>18:00</td>
</tr>
<tr>
<td>6</td>
<td>22:00</td>
</tr>
</tbody>
</table>

**NOTE:** No program is set from 7 through 17.

To select programmes other than those already set, move the selector to position “P”; “0:001” will appear on the display, in which the first three digits indicate the hour and minutes, while the fourth digit identifies the program number. Odd-numbered programs identify requests for operation (day temperature), in which case the light bulb symbol will appear on the display, while even-numbered programs identify drops in temperature (night). Use the “1…7” key to select the day of the week (from 1 to 7) or days (1 ÷ 5, 6 ÷ 7; 1 ÷ 6 or every day if the program is to be repeated every day of the week). Set the hour and minutes with the “h” and “m” buttons.

Press “P” to store the operation in memory and go on to the next program. Repeat the same procedure to set the remaining programs.

When finished programming, set the selector to “RUN” position.

- **Deleting one or more programs**
  The on and off time must be deleted for each program to be deleted.
  Set selector (2) to position “P”. Select the desired program with button (3), then press button (4) to delete the day setting (the triangular symbols for the days should go away). If part of the program is deleted, when you set selector (2) back to the “RUN” position an error will appear in the clock display, referring to the program which is incorrect. To delete all programs, put the selector in position “P” and press buttons (3) and (5) at the same time.

- **Setting the SKIP function**
  The SKIP function deactivates programs for the next day and resumes regular programming 24 hours later.
  This function is useful if you will be out all day and don’t need heating.
  To start this function, press button (7), which is active only when selector (2) is in “RUN” position.
  Once you have selected the SKIP function, it will go into effect at 0:00 of the next day for 24 hours. You cannot turn it off once it has started, so regular programming will not resume until 24 hours have passed.
ANALOGIC RF TIME PROGRAMMER - Code 8092231

4. Commissioning (The Receiver and the Transmitter are pre-commissioned)

a. Turn on electrical supply to boiler and turn boiler selector to
b. Press and hold black button on Receiver until the neon light has flashed twice.
c. Release the button and the neon light will remain illuminated.
d. Insert the batteries into the Transmitter - the Transmitter will immediately send signals.
e. When a signal is received from the Transmitter, the Receiver neon will go out. The radio link between the Transmitter and Receiver is now established.

Note: When in operation and an ‘ON’ signal is received the Receiver neon will illuminate continuously. When an ‘OFF’ signal is received the neon will remain off, but will flash intermittently.

5. User Instructions - see Fig. 5

Note: Panel (A) slides back to reveal quick reference user instructions (B).

a. Set Time

Slide cover (D) off the Transmitter (C).
Turn the outer dial clockwise to set the clock hands to the correct time. Ensure the time corresponds with the correct time on the 24hr dial as shown. e.g. 3.00pm = 15 not 3.

Note: Do not rotate anti-clockwise or damage may occur to the unit. Rotate the minute hand with your finger to set the exact time.

b. Set Heating ON/OFF Periods

Select the ON times by pushing the tappets to the outside.
Select the OFF times by pushing the tappets to the inside.

Fig. 6 shows the clock set as follows:
ON 3.00pm to 10.00pm (15-22)
OFF 10.00pm to 5.00am (22-5)
ON 5.00am to 8.00am (5-8)
OFF 8.00am to 3.00pm (8-15)

c. Set Maximum/Minimum Room Temperatures

Maximum setting - Rotate the Maximum dial (see Fig. 5) to give the required room temperature upto 30°C when heating is on.
Minimum setting - Rotate the Minimum dial (see Fig. 5) to a lower temperature down to 5°C to ensure that when the heating is off a minimum room temperature is maintained.

d. Manual Switch - see Fig. 6

The clock has a manual heating ON/OFF switch which operates as follows:
TIMED position - Heating On/Off as set by tappets.
MAX position - Heating On continuously.
MIN position - Heating Off, but a minimum set room temperature is maintained.
4. Commissioning (The Receiver and the Transmitter are pre-commissioned)
   a. Turn on electrical supply to boiler and turn boiler selector to
   b. Press and hold black button on Receiver until the neon light has flashed twice.
   c. Release the button and the neon light will remain illuminated.
   d. Press and hold the top and bottom button on the Transmitter at the same time until
      Ed 01 is displayed. Then press OK
   e. Then, Fu on (flashing) is displayed. Then press OK
   f. The symbol ☀ will flash on the Transmitter display approximately every 5 seconds. The
      transmitter is now in continuous radio operation.
   g. When a signal is received from the Transmitter, the Receiver neon will go out. The radio link
      between the Transmitter and Receiver is now established.
   h. Press the Selector button or OK to return to normal operation.
   Note: When in operation and an ‘ON’ signal is received the Receiver neon will illuminate continuously.
      When an ‘OFF’ signal is received the neon will flash intermittently.

5. User Instructions - see Fig. 5
   a. Set Time
      Press the Menu button until flashing ☀ is displayed
      Press the ▼/▲ buttons to set current HR, then press OK
      Press the ▼/▲ buttons to set current MIN, then press OK
      Press the ▼/▲ buttons to set current DAY (1 = Monday, 7 = Sunday), then press OK
   b. Set Maximum Room Temperature
      Press the Menu button until flashing ☀ is displayed
      Press the ▼/▲ buttons to select the required maximum room temperature, then press OK
   c. Set Minimum Room Temperature
      Press the Menu button until flashing ☀ is displayed
      Press the ▼/▲ buttons to select the required minimum room temperature, then press OK
   d. Set Heating Programme
      Press the Menu button until a flashing P1, P2, P3, P4 or Pd is displayed
      P1 - ON between 7am and 11pm
      P2 - ON between 6am and 9am then 5pm and 10pm
      P3 - ON for 24hrs
      P4 - OFF for 24hrs except when the minimum room temperature is reached, when it will come on
      Pd - Daily programmes can be set individually
   Note: Programmes P1 to P4 cannot be changed.
   If selecting a programme between P1 and P4 press the ▼/▲ buttons until the programme
   required is displayed, then press OK for each day.
   To set a Pd programme, press the ▼ button for OFF periods and press the ▲ button for ON
   periods, then press OK. Repeat for each day.
All descriptions and illustrations provided in this manual have been carefully prepared but we reserve the right to make changes and improvements in our products that may affect the accuracy of the information contained in this manual.