

Installation and user manual

Control panel

HMI S-control

Dear Customer,

Thank you very much for buying this appliance.

Please read through the manual carefully before using the product, and keep it in a safe place for later reference. In order to ensure continued safe and efficient operation we recommend that the product is serviced regularly. Our service and customer service organisation can assist with this.

We hope you enjoy years of problem-free operation with the product.

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1 Safety

1.1 Liabilities

1.1.1 Manufacturer's liability

Our products are manufactured in compliance with the requirements of the various Directives applicable. They are therefore delivered with the **CE** marking and any documents necessary. In the interests of the quality of our products, we strive constantly to improve them. We therefore reserve the right to modify the specifications given in this document.

Our liability as manufacturer may not be invoked in the following cases:

- Failure to abide by the instructions on installing the appliance.
- Failure to abide by the instructions on using the appliance.
- Faulty or insufficient maintenance of the appliance.

1.1.2 Installer's liability

The installer is responsible for the installation and initial commissioning of the appliance. The installer must observe the following instructions:

- Read and follow the instructions given in the manuals provided with the appliance.
- Install the appliance in compliance with prevailing legislation and standards.
- Carry out initial commissioning and any checks necessary.
- Explain the installation to the user.
- If maintenance is necessary, warn the user of the obligation to check the appliance and keep it in good working order.
- Give all the instruction manuals to the user.

1.1.3 User's liability

To guarantee optimum operation of the system, you must abide by the following instructions:

- Read and follow the instructions given in the manuals provided with the appliance.
- Call on a qualified professional to carry out installation and initial commissioning.
- Get your installer to explain your installation to you.
- Have the required inspections and maintenance carried out by a qualified installer.
- Keep the instruction manuals in good condition close to the appliance.

2 About this manual

2.1 Additional documentation

The following documentation is available in addition to this manual:

- Installation, user and service manual
- Water quality instructions

2.2 Symbols used

2.2.1 Symbols used in the manual

This manual uses various danger levels to draw attention to special instructions. We do this to improve user safety, to prevent problems and to guarantee correct operation of the appliance.



Danger

Risk of dangerous situations that may result in serious personal injury.



Danger of electric shock

Risk of electric shock.



Warning

Risk of dangerous situations that may result in minor personal injury.



Caution

Risk of material damage.



Note

Please note: important information.



See

Reference to other manuals or pages in this manual.

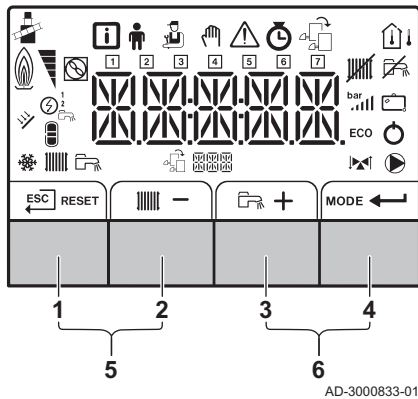
2.3 Abbreviations

PCU	PCB for managing burner operation
SU	Safety PCB

3 Description of the control panel

3.1 What each key means

Fig.1 Control panel



- 1 Escape: Back to the previous level.
- RESET** Reset: Manual reset.
- 2 CH flow temperature Access to set temperature.
 - Min. key: Lowering the value.
- 3 DHW temperature: Access to set temperature.
 + Plus key: Raising the value.
- 4 **MODE** CH/DHW function: Toggles function ON/OFF
 Enter key: Confirms selection or value.
- 5 Chimney-sweeping keys
- Note**
 Press the 1 and 2 keys simultaneously.
- 6 Menu keys
- Note**
 Press the 3 and 4 keys simultaneously.

3.2 Meaning of the symbols on the display

Tab.1 Symbols on the display

	Chimney sweep mode: forced full or part load for O ₂ /CO ₂ measurement.
	Information menu: read out various current values.
	User menu: settings for user level parameters can be changed.
	Service menu: settings for installer level parameters can be changed.
	Manual mode: boiler is in manual mode.
	Error menu: boiler errors can be read out.
	Operating hour counter/Timer program/Time display menu.
	Menu for reading out (optional) control PCBs.
	The outside temperature sensor is connected.
	The room temperature sensor is connected.
	The burner output level.
	The heat pump is switched on.
	Day display
	Central heating operation is switched off.
	DHW operation is switched off.
	The solar boiler is on and the heat level of the boiler displayed.
	Displaying the system water pressure.
	The holiday program is enabled.
	The boiler is running for frost protection.
	The boiler is running for central heating.
	The boiler is running for DHW.
	Displaying the selected PCB.
	The three-way valve is connected.
	The circulation pump is turning.
ECO	The boiler is running in ECO mode.
	Switch the boiler off and on.

4 Commissioning

4.1 Switching on the control panel


The HMI S-control control panel is ready for use as soon as the power to the boiler is switched on.

The start-up program starts and cannot be interrupted.

4.2 Start program

Various short items of information appear on the screen during start-up.

These items of information are displayed one after the other.

- Display of the control panel version (I r i t F x x x x).
- Search for connected options (S C A P).
- Load information from CU board (L C A D).
- Display of CU board software version (F x x x x).
- Display of CU board parameter version (P x x x x).
- After the program starts, the menu display appears with the day number and current time.
- If a fault occurs during start-up, the  symbol appears with a flashing error code on the display. The meaning of the error codes can be found in the error table.

5 Operation

5.1 Use of the control panel

Fig.2 Activating the screen

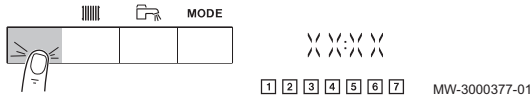


Fig.3 Accessing the menus



5.1.1 Browsing in the menus

1. Press any key to activate the screen.
The main display with time and day number appears.
2. Press the two keys on the right simultaneously to access the menu level.

Tab.2 Possible menu choices

	Information Menu
	User menu
	Installer Menu
	Setting manual mode
	Failure Menu
	Hour Run Meters / Timer Program / Clock menu
	The icon is displayed only if an optional PCB has been installed

To select the required menu, keep pressing the **+** or **-** key until the required menu flashes.

Fig.4 Moving the cursor to the right



Fig.5 Moving the cursor to the left



Fig.6 Confirming the menu or parameter



Fig.7 Modifying a value

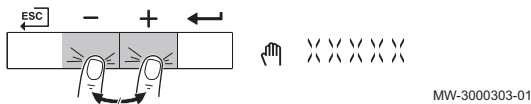


Fig.8 Confirming a new value

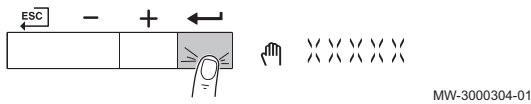


Fig.9 Back to the main display



3. Press the **+** key to move the cursor to the right.
4. Press the **-** key to move the cursor to the left.
5. Press the **→** key to confirm selection of the required menu or parameter.
6. Press the **+** or **-** key to modify the value of the parameter.
7. Press the **→** key to confirm the new parameter value.
8. Press the **ESC** key to go back to the main display.



Note

The main display reappears automatically if no key is pressed for three minutes.

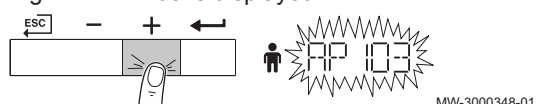
5.2 Setting the time and language

Fig.10 Accessing the User menu



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Fig.11 AP 103 is displayed.



MW-3000348-01

Fig.12 Confirming the parameter



MW-3000349-01

Fig.13 The language code appears.



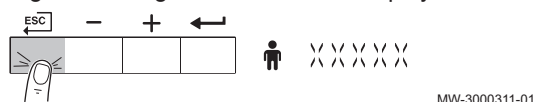
MW-3000350-01

Fig.14 Confirming the choice of language



MW-3000351-01

Fig.15 Going back to the main display



MW-3000311-01

Fig.16 Accessing the Counter menu



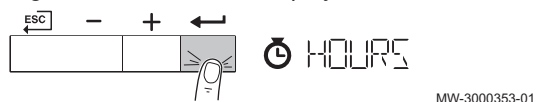
MW-3000320-01

Fig.17 The Time display menu appears



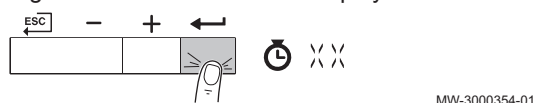
MW-3000352-01

Fig.18 The hours are displayed.



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Fig.19 The current time is displayed.



MW-3000354-01



Note

First set the desired language, then the correct time, day and date before further use of the control panel.

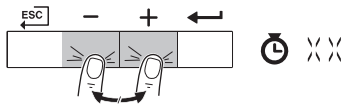
5.2.1 Setting the language

1. Navigate to the User menu.
2. Press the key to open the User menu. Parameter appears.
3. Keep pressing the key until is displayed.
4. Press the key to confirm the parameter. Factory setting appears.
5. Keep pressing the key until the required language code is displayed.
6. Press the key to confirm the choice of language.
7. Press the key twice to go back to the main display.

5.2.2 Setting the time and date

1. Navigate to the Counter menu.
2. Press the key to open the Operating hours/Timer Program/Time display menu.
3. Keep pressing the key until the Time display menu is displayed.
4. Press the key to access the hours.
5. Press the key to access the current time.

Fig.20 Changing the time



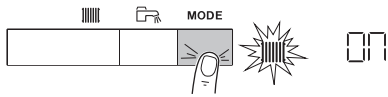
MW-3000355-01

6. Press the **+** or **-** keys to modify the time.
7. Press the **←** key to confirm the value.
8. Press the **+** key repeatedly to access the following menu options.
9. Press the **ESC** key twice to go back to the main display.

5.3 Shutdown

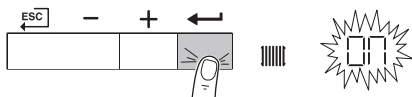
5.3.1 Switching off the central heating

Fig.21 Selecting the central heating



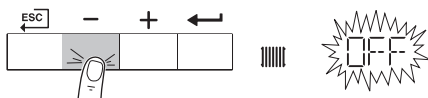
MW-3000328-01

Fig.22 Status flashing



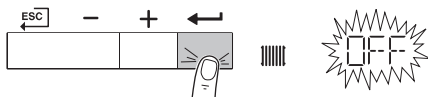
MW-3000329-01

Fig.23 Changed status flashing



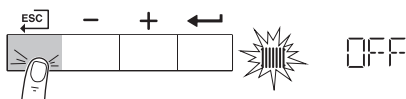
MW-3000330-01

Fig.24 Confirming a new value






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Fig.25 Back to the main display



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1. Press the **MODE** key for about 2 seconds.
The flashing symbol  on the display shows the current status of the central heating.
2. Press the **←** key to confirm the selection for the central heating.
The  symbol appears on the display and flashes to show the current status of the central heating.
3. Press the **-** key to change the current status.
The  symbol appears on the display and flashes to show the changed status.
4. Press the **←** key to confirm the changed status.
The frost protection function continues to run.
The heating has been switched off.
5. To go back to the main display, press the **ESC** key once.

6 Settings

6.1 Control panel parameters

Tab.3 Factory settings

Parameter	Description	Adjustment range	HMI S-control
AP067 ⁽¹⁾	Setting LIGHTING	0 = background illumination off after 3 minutes 1 = background illumination remains on	0
AP103 ⁽¹⁾	Setting LANGUAGE	EN, FR, DE, NL, IT, ES, PL, PT	0
AP104 ⁽¹⁾	Setting CONTRAST	0 to 3	3
AP105 ⁽¹⁾	Setting UNIT	0 = bar / °C 1 = psi / °F	0
AP106 ⁽¹⁾	Setting SUM/WIN	0 = manual switching summer/winter time 1 = automatic switching summer/winter time	1

(1) If parameter AP103 is set to a language, the display shows written text. If parameter AP103 is set to 0, the display shows the parameter code

6.2 Changing settings at user level

6.2.1 Changing user parameters

The parameters in the User menu can be modified by the user to meet central heating and domestic hot water comfort requirements.



Caution

Changing the factory settings may adversely affect the operation of the boiler.

1. Navigate to the User menu.
2. Press the ← key to open the User menu.



Note

The User menu is available only if the 👤 icon flashes.

Fig.26 Accessing the User menu



Fig.27 Displaying the parameters of the User menu

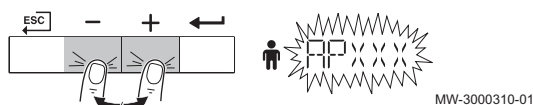


Fig.28 Confirming the selection

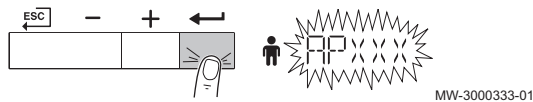


Fig.29 Modifying the value

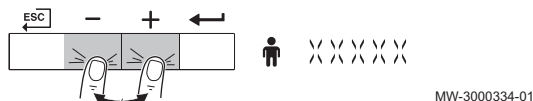


Fig.30 Confirming the new value



3. Keep pressing the + or - key until the required parameter is displayed.
The parameters available to the User are displayed.

4. Press the ← key to confirm the selection.

5. Press the + or - keys to modify the value of the parameter.

6. Press the ← key to confirm the new value of the parameter.

Fig.31 Going back to the main display



Fig.32 Selecting the central heating flow temperature



Fig.33 Access the flow temperature.

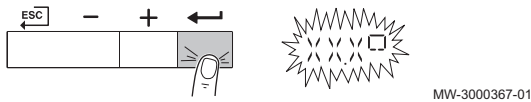


Fig.34 Changing the central heating flow temperature

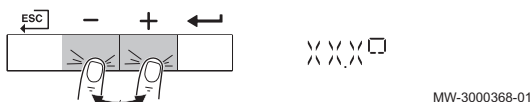


Fig.35 Confirming the new value

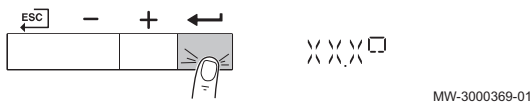
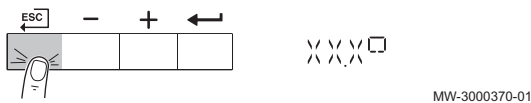


Fig.36 Going back to the main display



7. Press the **ESC** key twice to go back to the main display.

6.2.2 Changing the central heating flow temperature

The central heating flow temperature can be raised or lowered separately from the heating requirement. To do this, proceed as follows:

1. Press the **|||||** key once to select the central heating flow temperature.
The set temperature appears on the screen.

2. Press the **←** key to access the flow temperature.
The current value flashes on the screen.

3. Press the **+** or **-** key for the required new flow temperature.

4. Press the **←** key to confirm the new value.

5. To go back to the main display, press the **ESC** key once.



Note

The flow temperature is matched automatically when using a:

- weather-dependent regulator
- **OpenTherm** regulator

6.2.3 Changing the DHW temperature

The temperature of the domestic hot water can be changed as needed. To do this, proceed as follows:

1. Press the **☰** key to select the DHW flow temperature.
The set DHW temperature appears on the screen.

2. Press the **←** key to access the DHW temperature.
The current value flashes on the screen.

3. Press the **+** or **-** key for the required new DHW temperature.

4. Press the **←** key to confirm the new value.

Fig.37 Selecting DHW temperature



Fig.38 Access to the DHW temperature

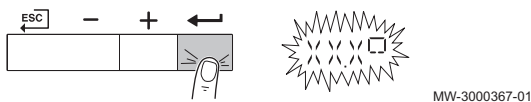


Fig.39 Changing required DHW temperature

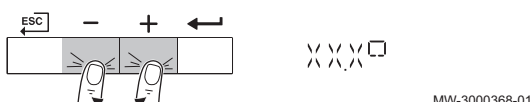


Fig.40 Confirming the new value

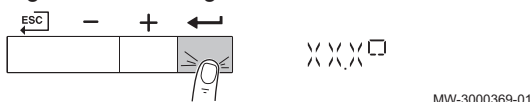
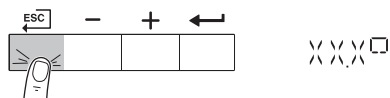


Fig.41 Return to the main display



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- To go back to the main display, press the **ESC** key once.

6.2.4 Setting the Timer Program

If a timed thermostat is not being used, the Timer Program for the boiler can be used. The Timer Program can be used to lower the heating temperature during the night or an absence during the day. A start and end time for the lower temperature can be set in the Timer Program. To do this, proceed as follows:

Note Activate the Timer Program by changing parameter **CP320**.

- Navigate to the Counter menu.
- Press the **←** key to open the Operating hours/Timer Program/Time display menu.

Note The Operating hours/Timer Program/Time Display menus can be accessed only if the  icon flashes.

- Press the **←** key for the Operating hours menu or press the **+** key for the next menu.

- Press the **←** key for the Timer Program menu or press the **+** key for the next menu.

- Select the circuit by pressing the **←** key.

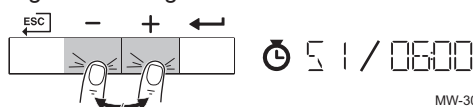
Note At least one circuit is available: Heating

The icons dedicated to the days of the week all flash at the same time: **1 2 3 4 5 6 7**.

- Select the required day number by keeping the **+** or **-** key pressed until the symbol for the required day flashes. Confirm by pressing the **←** key.

Day selected	Description
1 , 2 , 3 , 4 , 5 , 6 , 7	Every day of the week
1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday
6	Saturday
7	Sunday

Fig.47 Setting the time



MW-3000361-01

- Set the start time **S1** by pressing the **+** or **-** key. Confirm by pressing the **←** key.

Note
END End of programming.
S Switching time or end of day indication (max. 6 switching times).
C Temperature setting (lower night or comfort temperature)

Fig.48 Selecting the status



8. Select status **C1** to match switching time **S1** by pressing the **+** or **-** key. Confirm by pressing the **←** key.

Statuses C1 to C6 for the periods S1 to S6	Description
ON	Comfort temperature
OFF	Lower night temperature

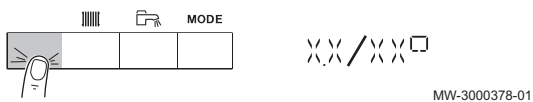
9. Repeat steps 3 to 5 to define the switching times (**S1** to **S6**) and the associated status (**C1** to **C6**).
10. Press the **ESC** key to go back to the main display.

Tab.4 Example

Times	1 Monday	2 Tuesday	3 Wednesday	4 Thursday	5 Friday	6 Saturday	7 Sunday
06:00	S1 C1 = ON	S1 C1 = ON	S1 C1 = ON	S1 C1 = ON	S1 C1 = OFF	S1 C1 = OFF	S1 C1 = ON
08:00	S2 C2 = OFF	S2 C2 = OFF	S2 C2 = OFF	S2 C2 = OFF		S2 C2 = ON	
10:00		S3 C3 = ON	S3 C3 = ON		S3 C3 = ON	S3 C3 = OFF	
12:00			S4 C4 = OFF	S4 C4 = OFF	S4 C4 = OFF		S4 C4 = ON
14:00	S3 C3 = ON	S4 C4 = OFF		S3 C3 = ON	S3 C3 = ON	S5 C5 = OFF	
16:00			S4 C4 = OFF	S3 C3 = ON	S4 C4 = OFF		S4 C4 = OFF
18:00	S3 C3 = ON	S4 C4 = OFF			S3 C3 = ON	S3 C3 = ON	
20:00			S4 C4 = OFF	S3 C3 = ON	S4 C4 = OFF	S4 C4 = OFF	
22:00	S4 C4 = OFF	S3 C3 = ON			S4 C4 = OFF	S4 C4 = OFF	
23:50			S4 C4 = OFF	S4 C4 = OFF	S4 C4 = OFF	S4 C4 = OFF	

6.2.5 Reading out the water pressure and flow temperature

Fig.49 Displaying the water pressure and flow temperature



1. Press the left-hand key once to display the current water pressure and flow temperature.
The water pressure and flow temperature appear on the screen.
2. The main display reappears after three minutes.

6.3 Changing settings at installer level

6.3.1 Changing installer parameters

The parameters in the Installer Menu must only be changed by a qualified professional. Code **0012** must be entered in order to change some parameters.




Caution

Changing the factory settings may adversely affect the operation of the boiler.

1. Navigate to the Installer menu.



Note

The Installer menu is available only when the  icon flashes.

2. Press the **←** key to open the Installer menu.

Fig.50 Navigating to the Installer menu



Fig.51 Entering the code



Fig.52 Confirming the Installer menu



Fig.53 Selecting the parameter

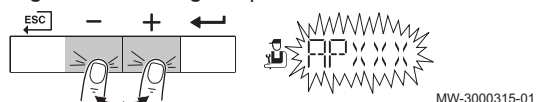


Fig.54 Confirming the selection



Fig.55 Modifying the value

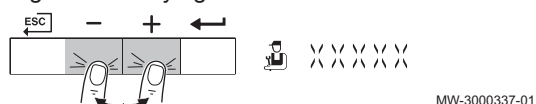
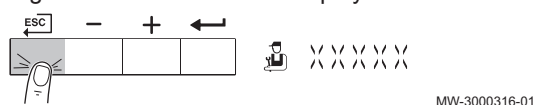


Fig.56 Confirming the new value



Fig.57 Back to the main display



3. Keep pressing the **+** key until the code **00 12** is displayed.

4. Press the **←** key to confirm opening the Installer menu. The parameters available to the Installer are displayed.

5. Keep pressing the **+** or **-** key until the required parameter is displayed.

6. Press the **←** key to confirm the selection.

7. Press the **+** or **-** keys to modify the value of the parameter.

8. Press the **←** key to confirm the new value of the parameter.

9. Press the **ESC** key twice to go back to the main display.

Fig.58 Accessing Chimney Sweep Mode

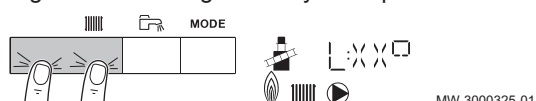


Fig.59 Full load is set.

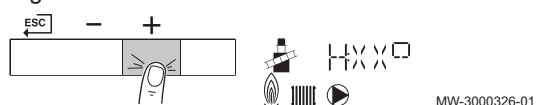
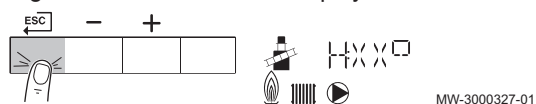


Fig.60 Back to the main display



6.3.2 Activating Chimney Sweep Mode (forced part load for full load)

1. Press the two keys on the left simultaneously to select Chimney Sweep mode. The boiler is now running at part load. Wait until **L: XX XX** appears on the display. The chimney sweeping symbol and a flame symbol appear at the top left of the screen.
2. Press the **+** key twice. The boiler is now running at full load. Wait until **H: XX XX** appears on the display. A large triangle appears next to the flame symbol at the top left of the screen.
3. To go back to the main display, press the **ESC** key once. Forced part load or full load is switched off.

6.3.3 Activating the manual mode menu

In some cases, it may be necessary to set the boiler to manual mode, for example when the controller has not yet been connected. The boiler can be set to manual mode via the **⌘** symbol. To do this, proceed as follows:

1. Navigate to the manual mode menu.
2. Press the **←** key to open the menu.



Note

Manual mode is available only when the **⌘** icon flashes.

3. The current desired flow temperature in manual mode is displayed.

Fig.61 Accessing manual mode menu



Fig.62 Changing the desired flow temperature

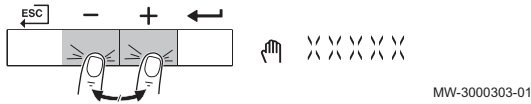


Fig.63 Confirming a new value

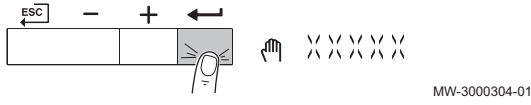
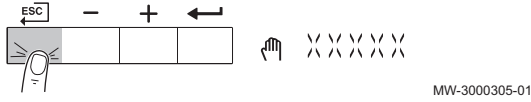


Fig.64 Back to the main display



4. Press the **+** or **-** keys to modify the required flow temperature in manual mode.
5. Press the **←** key to confirm a new parameter value. The boiler is now in manual mode.
6. Press the **ESC** key twice to go back to the main display. Manual mode is switched off.

6.3.4 Resetting the maintenance message

Reset the maintenance message once the stated maintenance service has been carried out.

Fig.65 Accessing the Counter menu



Fig.66 The Counter menu appears

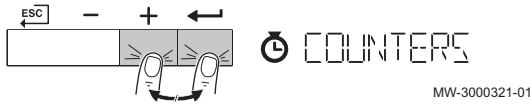


Fig.67 Maintenance appears

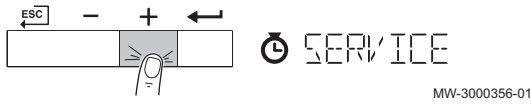


Fig.68 Resetting the maintenance message




1. Navigate to the Counter menu.
2. Press the **←** key to open the Operating hours/Timer Program/Time display menu.
3. Press the **←** key to access the Operating hours menu.
4. Keep pressing the **+** key until **SERVICE** is displayed.
5. Press the **←** key to reset the maintenance message.
6. Press the **ESC** key twice to go back to the main display.

6.3.5 Restoring to factory settings

1. Navigate to the Installer menu.



Note

The Installer menu is available only when the  icon flashes.

2. Press the **←** key to open the Installer menu.
3. Keep pressing the **+** key until the code **0012** is displayed.
4. Press the **←** key to confirm opening the installer menu. The parameters available to the Installer are displayed.

Fig.69 Accessing the Installer menu



Fig.70 Entering the code



Fig.71 Confirming the Installer menu

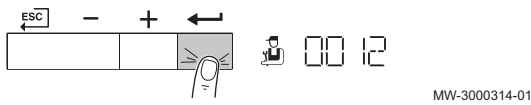


Fig.72 Selecting the factory setting

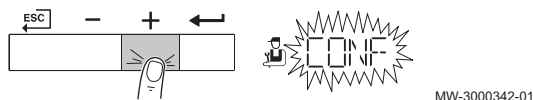


Fig.73 First factory setting CN1



Fig.74 Modifying the CN1 value

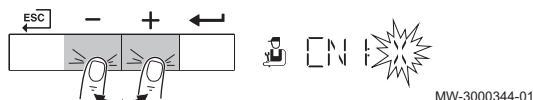


Fig.75 Second factory setting CN2



Fig.76 Modifying the CN2 value

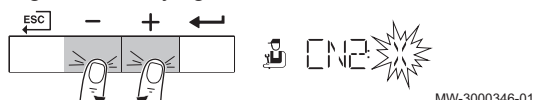


Fig.77 Confirming the reset



5. Keep pressing the **+** key until **CONF** is displayed.

6. Press the **←** key to open the first factory setting **CN1**.

7. Press the **+** or **-** key to modify the value.

Note
Transfer the value from the corresponding data plate:
• **CN1**: see data plate

8. Press the **←** key to confirm the value. The second factory setting **CN2** appears on the screen.

9. Press the **+** or **-** key to modify the value.

Note
Transfer the value from the corresponding data plate:
• **CN2**: see data plate

10. Press the **←** key to confirm the selection.
The factory settings are reset. The display shows various information and returns to the main display after 3 minutes.

6.3.6 Changing the SCB-xx PCB parameters

Fig.78 Navigating to the PCBs connected



Fig.79 Displaying the selected PCB

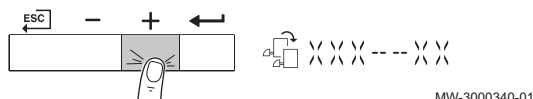


Fig.80 Confirming the PCB selection



Fig.81 Accessing the User menu



Fig.82 Displaying the SCB-XX parameters

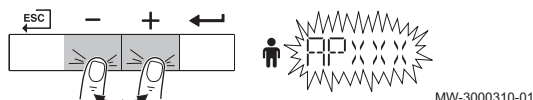


Fig.83 Confirming the selection



1. Navigate to the **PCB** icon to select the PCB connected.

2. Press the **←** key to open the menu.
The current PCB is displayed.

3. Keep pressing the **+** or **-** key until PCB **XXXX--XX** is displayed.

4. Press the **←** key to confirm the selection.
All menu selections are displayed and **PCB** flashes on the screen.

5. Press the **+** or **-** key to navigate to the User menu **U**.

6. Press the **←** key to open the User menu.
The parameters of PCB SCB-XX can be modified at this level.

7. Keep pressing the **+** or **-** key until the required parameter is displayed.

8. Press the **←** key to confirm the selection.

Fig.84 Modifying the value



Fig.85 Confirming the new value



Fig.86 Confirming the PCB selection



Fig.87 Going back to the main display

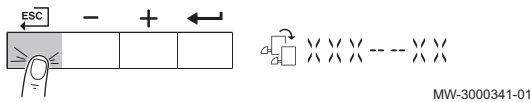


Fig.88 Accessing reading of PCBs connected



Fig.89 Getting information from the PCB connected

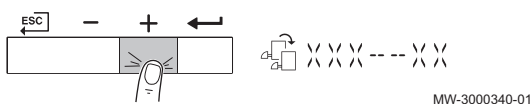


Fig.90 Going back to the main display

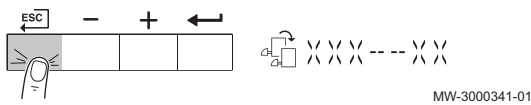
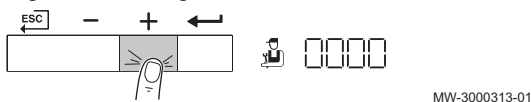


Fig.91 Accessing the Installer menu



Fig.92 Entering the code



9. Press the + or - keys to modify the value of the parameter.

10. Press the left arrow key to confirm the new value of the parameter.
11. Press the + or - key for the next parameter.

Note Once the desired parameters have been modified, reactivate the boiler PCB. To do so, follow these steps.

12. Press the ESC key and go back to the selection menu. The person icon flashes.
13. Press the + or - key to navigate again to the icon.
14. Press the left arrow key to confirm the selection. The current PCB is displayed.
15. Keep pressing the + key until F5B--W4B--150--300 is displayed.
16. Press the left arrow key to confirm the selection.
17. To go back to the main display, press the ESC key once.

6.3.7 Reading out connected (optional) control PCBs

Reading (optional) PCBs connected is only possible when the PCB icon is shown in the display.

1. Navigate to the PCB icon to read the PCBs connected.
2. Press the left arrow key to open the menu.

Note

- Reading PCBs connected is only possible if the PCB icon flashes.
- The display first shows the PCB version CU--GH

3. Press the + key to receive information about the (optional) connected PCB (for example: SCB-01)
4. Press the + key to receive information about the next connected PCB. This information is only displayed if several PCBs are connected.
5. Press the ESC key twice to go back to the main display.

6.3.8 Carrying out an auto-detect

Carry out an auto-detect after removing or replacing an (optional) control PCB.

1. Navigate to the Installer menu.

Note The Installer menu is available only when the PCB icon flashes.

2. Press the left arrow key to open the Installer menu.

3. Keep pressing the + key until the code 0012 is displayed.

Fig.93 Confirming the Installer menu



1. Press the key to confirm opening the Installer menu. The parameters available to the Installer are displayed.
2. Keep pressing the key until is displayed.
3. Press the key to carry out the auto-detect.
4. After a while, the main display is shown again.

6.4 Reading out measured values

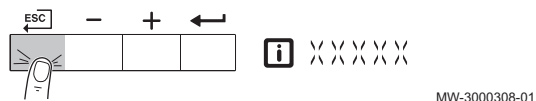
Fig.94 Accessing the Information menu



Fig.95 Displaying information



Fig.96 Back to the main display



6.4.1 Reading out current values

1. Navigate to the Information menu.
2. Press the key to open the Information menu.
3. Press the or key to display the required information.
4. Press the key twice to go back to the main display.



Note

The Information menu is available only if the icon flashes.

Tab.5 Current values

Value	Description
	Software version
	Parameter version



See

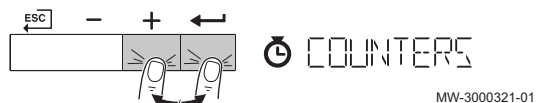
Boiler manual for more values

6.4.2 Reading out the Counter menu

Fig.97 Accessing the Counter menu



Fig.98 The Counter menu appears



1. Navigate to the Counter menu.
2. Press the key to open the Operating hours/Timer Program/Time display menu.
3. Press the key to access the Operating hours menu.
4. Press the key to scroll through the counter list.

Tab.6 Counter menu

Value	Description
	Resetting service hours



See

Boiler manual for more values

6.4.3 Status and Sub-status

The information menu gives the Status and Sub-status numbers:



See


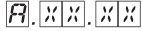
Boiler manual

7 Troubleshooting

7.1 Warning

If it is anticipated that a situation may develop into a fault, the boiler will first give a warning for some malfunctions. The warning code is displayed as follows:

In a red flashing display:

- the symbol 
- the symbol **RESET**
- the warning code, for example, 

The meaning of the warning codes is given in the warning codes table. Note the warning code.



Press the **RESET** key for two seconds. If the warning code continues to display, search for the cause in the warning codes table and apply the solution.



See

Boiler manual for warning codes

7.2 Blocking

A (temporary) blocking is a boiler status, resulting from an abnormal state. The display shows a blocking code (for example ) together with the  symbol. The control unit makes a number of attempts to start the boiler again.



Note

The boiler automatically returns to operation once the cause of the blocking has been removed.




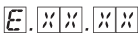
See

Boiler manual for blocking codes

7.3 Lock-out

If the blocking conditions still exist after various start attempts, the boiler goes into lock-out (also called error). The boiler will also lock out if an error is signalled anywhere in the boiler. An error code will appear on the display. The error code is displayed as follows:

In a red flashing display:

- the symbol 
- the symbol **RESET**
- the error code, for example, 

The meaning of the error codes can be found in the error table. Note the error code.




Note

The error code is needed to find the cause of the error quickly and correctly and for any support from Remeha.

Press the **RESET** key for two seconds. If the error code continues to display, search for the cause in the error table and apply the solution.



Note

If the display does not show **RESET** but rather , the boiler must be switched off and then switched on again 10 seconds later before the error can be reset.



See

Boiler manual for error codes

7.4 Error memory

Fig.99 Accessing the Failure menu



Fig. 100 Viewing error messages

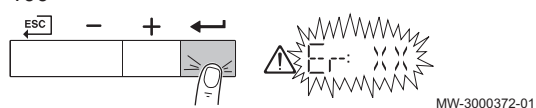


Fig. 101 Displaying the error messages



Fig. 102 Viewing details of error message



Fig. 103 View next detail or go to next menu



Fig. 104 Back to the main display



Fig. 105 Accessing the Failure menu



Fig. 106 Access to clearing the error memory.

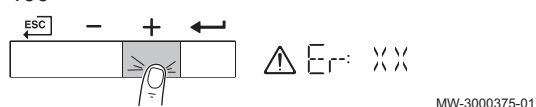
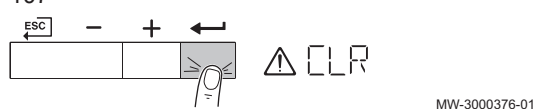


Fig. 107 Clearing error messages



The control panel includes an error memory in which the last 32 errors are stored. Details of the error are stored with the error codes. Included are the status, sub-status, flow temperature, return temperature, fan rotation speed and the ionisation current.

7.4.1 Reading out the Error memory

1. Navigate to the Error menu.
2. Press the ← key to open the Error menu.



Note

The Failure menu is available only if the ⚠ icon flashes.

3. Press the ← key to view the error messages.
XX is the number of stored error messages.

4. Press the + or - key to scroll through the error messages.

5. Press the ← key to view details of the error message.

6. Press the + key to view the next detail or on ESC to return to the previous menu.

7. Press the ESC key twice to go back to the main display.

7.4.2 Clearing the error memory

1. Navigate to the Error menu.
2. Press the ← key to open the Error menu.



Note

The Failure menu is available only if the ⚠ icon flashes.

3. Press the + key to access clearing the error memory.

4. Press the ← key to clear all error messages from the error memory.
5. After a while the main display appears again automatically.

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