

Micro control



Instruction manual



Part No. D1280
September 2010

USING INSTRUCTION FOR BARRIER WASHER



- 1- Load the washing machine (to respect the weight of the linen)
- 2- Choose program : push SELECT and push UP or DOWN to change the program
- 3- Close the drum
- 4- Push START/STOP to start the program
- 5- A signal sounds has the end of the cycle

PROGRAMS NUMBER	TYPE	PREWASH - WASH TEMPERATURE
1	WHITE	38° - 80°
2	WHITE / COLOR	- 80°
3	WHITE / COLOR	30° - 60°
4	POLYESTER /COTO N	- 60°
5	WHITE / COLOR	- 30°
6		30° - 40°
7		- 40°

1 OPERATION

As soon as the washing machine is switched on, the display reads the software version installed and the software release date for a few seconds.

Caution!

The release date refers to the software installed and has nothing to do with machine assembly or testing and is no reference date for guarantee purposes.

The display then lists various details, i.e, from top left:

- the number denoting the program selected.
- the maximum wash temperature that the program achieves.
- the length of the whole program, including water intaking and draining, heating and cooling down. These values are effective cycle lengths as stored in memory, basing on real operation. They are intended as references and have no influence on cycle completion.
- cycle type, i.e. whether it is delicate, medium or strong.
- program name, e.g. whites, woolens, curtains etc.
- the words "waiting for START" if the door is closed or "door open" if it is open.

When either the "UP" or "DOWN" key is pressed, the display reads the steps composing the wash program for a few seconds.

Program selection and consequently all the relevant details, incl. maximum temperature, total cycle time, can be changed by pressing the "SELECT" plus either the "UP" or "DOWN" key after introducing your pass word (6 times ECO key in standard). All indicated values refer to the new program selection.

When the door is closed, the "door open" reading is dismissed and the "waiting for start" reading intervenes. The program selected can now be started by simply pressing the "START" key.

On cycle start the display reading change as follows.

In other words, the display then reads the various steps composing the cycle as they are carried out, from the first to the last scheduled step. All steps are displayed in large print along with the relevant symbol and are clearly visible.

The display alternates the step name with the time remaining to the end of cycle, which decreases as the program goes on. The number and name corresponding to the step in progress are displayed in small print.

During step execution, the display keeps signalling any events concerning the cycle in progress by the use of symbols.

For example, as illustrated in the figure, the top left corner of the display reads various symbols that provide information on the water level in the tub, on soap pumps operation, heating and draining.

At the end of the wash program the display reads the event clearly and enables the buzzer.

Straight afterwards the "open door" message appears and it is possible to remove the washing from the machine.

1-A Starting the wash cycle

Make sure that the cold water, hot water and steam taps are open (the latter applies only to steam-heated machines).

Turn ON the automatic thermomagnetic cutoff switch on the wall.

Then fill the various dispenser compartments with soap (foam-damping type) according to cycle selection, i.e.:

Bac1 = prewash tray (when scheduled in the wash cycle selected)

Bac2 = main wash tray

Bac3= tray for other products to be added after washing (bleach)

Bac4= tray for other products to be added during last rinse

Select a program using the “SELECT” and “UP” or “DOWN” keys simultaneously.

Load the machine and shut the door. Then push the “START” key. The machine will lock the door and will start executing the steps scheduled in the program. Loading the machine with less than 80% of its rated capacity may hinder correct operation and even cause damage.

1-B Changing cycle selection after the start

After the start, the program in progress can be changed before two minutes have elapsed. During the first two minutes of a cycle, this is actually indicated by the square blinking around the P that stands for Program; after the square stops blinking it is no longer possible to change cycle selection unless by scrolling the program fast forward to the end or stopping it and then selecting a different cycle.

1-C Fast-forwarding cycle steps

To fast-forward the steps of the cycle in progress, press the “START” and introduce your password (6 times ECO key in standard). To reach the end of the cycle directly and enable door opening, hold down the said key for 5 seconds.

1-D Pausing (“PAUSE ”)

To schedule a pause during cycle execution, press the “UP” and “DOWN” keys simultaneously. Timing control, drum movement, water intaking and heating are then suspended.

When pausing, the door is interlocked and the drain valve is closed, so that the water existing in the tub is not drained off.

Of course, it is not possible to schedule a pause when the machine is spinning, whatever the spinning speed.

As soon as the relevant two keys are pressed and the pause begins, a device starts timing the pause, whose length is read in the hh/mm format.

To resume cycle execution exactly from the point it was suspended, just press the “START” key.

Warning

If the machine was set to pause during a step envisaging heating, water temperature will inevitably decrease!

1-E Reading of operational settings

During cycle execution various readings concerning operation are available.

To view this information just press the “MODE” key during program execution.

The display will keep on reading the n° referring to the selected program and the name and number denoting the step underway, but the display bottom portion will change as illustrated.

In this case the display reads the maximum temperature and maximum water level to be reached on a black background, with actual temperature and water level displayed above.

It is worth remarking that the symbol in the top right corner indicates that the heating is on. In this example, the present temperature is 37°C so that the machine will keep on heating until it is 40°C.

To view other readings like type of water taken in, active soap dispenser, soap pump enabled, motor operation timing etc, press the “MODE” key again and again. After all these details are scrolled, the display shows the first reading, i.e. the step symbol and name in big print.

During spinning steps, which envisage drum rotation solely, the only details available are speed rates.

Changing step operational settings

As explained above, it is possible to switch the display view by simply pressing the “MODE” key during cycle execution.

The values read for the various steps can be increased and decreased by holding down the “UP” and “DOWN” keys respectively.

In other words, it is possible to alter the working parameters of an action in progress.

For example, when taking in water it is possible to change the water level setting. To do this press the “MODE” until the relevant reading is viewed, and then alter the value using the “UP” or “DOWN” keys: the value will gradually increase or decrease in cm, and this will affect the setting displayed on a black background, i.e. the maximum value to be reached. The same applies to heating functions: it is possible to alter the maximum temperature to be reached using the “UP” and “DOWN” keys.

The remaining operational settings, i.e. temperature maintenance time or spinning time behave likewise.

1-F Alarm and fault signalling

When faults arise (voltage drop, overtemperature, water level error) the washing machine notifies the user by a number of alarms that appear on the front panel DISPLAY unit. All alarm details are dealt with in the ”ALARMS” chapter.

1-G End of cycle

CAUTION! Never force the door open. Open by hand only after it has been unlocked.

At any rate, before opening the door make sure that the drum has come to a halt, the water has been drained off and the temperature inside the drum is below 40°C . Should a potential drop occur, open the door by pulling the manual puller downwards. To reach the manual puller it is necessary to unscrew and withdraw the machine’s lower front panel. After the door has been unlocked manually, open it using the handle as explained above and then put the panel back in place.

This procedure applies to all models except models 50 and 63. For these, after power failure it is necessary to wait 90 seconds for the door to be automatically unlocked.

1-H How to correct tub water level reading

Under normal conditions, water level reading needn't be corrected, but when special installation factors like elevation ask for it, it is possible to set the zero level value in the tub as follows:

- 1) Open the door.
- 2) Sight-check that the tub is empty.
- 3) Hold the "UP" and "DOWN" keys down simultaneously for at least 5 seconds.
- 4) The DISPLAY unit will read "CALIBRATION"
- 5) Confirm the value read by the card pressing the ENTER key.
- 6) The BUZZER will give out a beep and the DISPLAY will resume its normal functions.

If the water level is corrected, the procedure has been carried out correctly. Otherwise the machine will keep the zero value previously stored.

2 CYCLE STEPS

All cycles or programs stored in the card are made of a sequence of steps. In practical terms, steps can be summarised as follows:

- 1 Soak
- 2 Prewash
- 3 Wash
- 4 Rinse
- 5 Spin
- 6 Distribution

The various programs are nothing but a definite sequence of steps to which certain level, temperature, drum movement and other settings are associated.

The different program steps are always displayed in big print during cycle execution along with corresponding symbol.

3 SETTING PARAMETERS

3-A PROGRAMMING PROCEDURE first level

The first level is dedicated to the user, whereas the second is aimed for the expert user, maintenance technician or laundry manager.

Caution!

The two level is protected by a PASSWORD and is described in the programming manual.

All the programming that the common user can access is explained in the cycle programming instructions and in the machine parameters section.

3-A-1 Cycle programming

The wash programs or cycles can be summarised as a sequence of actions that the appliance carries out from machine start to the end of the program.

The various actions are listed in the "STEPS" menu below.

Foreword: the washing machine is delivered with series of steps, i.e. actions, stored in memory.

These enable the execution of the preset standard cycles.

Using the programmer it is possible to change the existing programs or create new ones starting from pre-set steps. In this case the user does not need to possess specific knowledge on the wash diagram that best suits the fabrics to be washed.

In other words, it is possible to enable or disable a certain step in a standard program or either choose existing steps as appropriate and add them one by one. Steps will be carried out in the order in which they were put in.

The user can thus customise programs according to his/her own sequence of steps. If this should not be sufficient to suit the specific requirements, it will be necessary to access the "steps menu" and create customised steps, which can then be included in a program, either existing or new.

The "CYCLES" menu is accessed as follows:

Open the washer door: all programming actions must be performed with the door open. The programming environment cannot be accessed when the door is closed.

Hold down the "MODE" (and enter pass word) until the "CYCLES" reading appears. Confirm using "ENTER". The display will view the first among the 30 available CYCLES OR

PROGRAMS. Use the "UP" and "DOWN" keys to scroll the complete list of cycles, which are associated words denoting their name, like "WHITES" or type like "STRONG". Free, meaning empty cycles are simply marked "NOT PROGRAMMED".

Once the program to be altered has been chosen, press "ENTER". The display will then read the following items:

COMMENT

STEPS

TYPE

COPY FROM

COPY TO

The various items are described below.

3-A-1-1 COMMENT

Go to the "COMMENT" field using the "UP" and "DOWN" keys. Confirm the selection by "ENTER". A text field will be displayed, which is made of 10 characters and can be used to assign a program name, e.g. "WHITES 90°C". To enter characters, press the "SELECT" key: all

the available characters will be viewed, which can be selected using the “UP” and “DOWN” keys. Confirmation is automatic.

To move the cursor inside a word that is being entered use the “UP” and “DOWN” keys.

To delete a letter, point it with the cursor and press “START”.

When the desired text has been keyed in, confirm by “ENTER” and exit by pressing the “MODE” key.

3-A-1-2 STEPS

Move to the "STEPS" field using the “UP” and “DOWN” keys.

Confirm the selection by “ENTER”.

The first step associated to the currently selected cycle will then appear, i.e. step N° 01, which is displayed in big print.

The number assigned to the step along with the relevant type and comment will be displayed in small print too.

The steps composing the currently selected cycle and the sequence of actions associated thereto can be scrolled using the “UP” and “DOWN” keys: for example, soak, prewash, wash and intermediate short spin, rinse and so on until the last scheduled step is viewed.

A program can hold up to maximum of 25 steps. Free steps will be marked “NOT PROGRAMMED”.

Select the step to be altered using the “UP” and “DOWN” keys and confirm by “ENTER”. The display will list the following entries:

CHANGE

CANCEL

INSERT BEFORE

INSERT AFTER

Change: press “ENTER” to confirm if you wish to change the step currently selected. Select the step with which you wish to replace the currently selected step using the “UP” and “DOWN” keys. Then confirm by “ENTER”.

The programmer will next display the “COPY?” prompt. Press “ENTER” to confirm the change or either press “MODE” to cancel it.

Cancel: press “ENTER” to confirm that you wish to cancel the currently selected step. The programmer will next display the “CANCEL?” prompt. Press “ENTER” to delete the step or either press “MODE” to cancel the change.

Warning! The “CANCEL” command does not erase steps from the programmer but only from the sequence associated to the program selected. The steps cancelled can be selected again, re-entered or changed as desired.

Insert before and after: press “ENTER” to confirm that you wish to insert a step before or after the currently selected step. Select the step to be inserted before or after using the “UP” and “DOWN” keys and then press “ENTER” to confirm.

To cancel the insertion, press “MODE”.

3-A-1-3 TYPE

Move to the "TYPES" field using the “UP” and “DOWN” keys.

Confirm your selection by pressing “ENTER”.

The display will list the following entries:

STRONG
MEDIUM
DELICATE

Select cycle type using the “UP” and “DOWN” keys and press “ENTER” to confirm. Program type selection is a just a reminder for the user, which will be displayed when it comes to program selection.

After program type selection press “ENTER” to confirm and then “MODE” to exit.

Attention! This selection does not alter cycle execution in the least. It is only a reminder for the user.

3-A-1-4 COPY FROM AND COPY TO

Move to the “COPY FROM” or “COPY TO” field using the “UP” and “DOWN” keys. Press “ENTER” to confirm.

Select the program you wish to copy from or to using the “UP” and “DOWN” keys. Press “ENTER” to confirm.

The programmer will next display the “COPY?” prompt. Press “ENTER” to copy between cycles or programs or press “MODE” to cancel.

Whether you chose to confirm or cancel the copy, press “MODE” to exit.

3-B DESCRIPTION OF PROGRAMMABLE FUNCTIONS

Machine parameters are those required to effect marginal changes to the wash programs without having to access cycle or step programming.

These functions enable the user to skip existing actions or add new ones in a wash cycle. This does not alter the program features in a radical manner, though.

The “MACHINE PARAMETERS” menu is accessed as follows:

Open the washer door: all programming actions must be performed with the door open. The programing environment cannot be accessed when the door is closed.

Hold down the “& MODE” key until the “MACHINE PAR.” reading appears. Press “ENTER” to confirm.

The display will then read the following items:

COOL
SPIN
PREWASH
DELAY START
BUZZER
HEATING
ENABLE

The various items are described below.

These functions affect only the currently selected wash cycle and remain effective until they are disabled.

3-B-1 Cooling

Cool: This function decides whether the wash bath is to be cooled right before it is drained off. As a rule, cooling is aimed to prevent the garments from undergoing a thermal shock as they go, for example, from a 90°C wash step to ambient temperature rinsing.

Select "COOL" using the "UP" and “DOWN” keys.

Press “ENTER” to confirm.

Programs/cycles and their respective cooling setting can be scrolled using the “UP” and “DOWN” keys. Move to the desired cycle and press “ENTER”. Then choose between “YES” and “NO” using the “UP” and “DOWN” keys and press “ENTER” to confirm. Press “MODE” to exit.

3-B-2 Short spinning

Spin: This function allows to acknowledge the standard-selected spinning, reduce it to one-minute spinning or eliminate it altogether. Select "SPIN" using the “UP” and “DOWN” keys. Press “ENTER” to confirm.

Programs/cycles and their respective reduced spinning setting (enabled/disabled) can be scrolled using the “UP” and “DOWN” keys. Move to the desired cycle and press “ENTER”. Then again using the “UP” and “DOWN” keys choose among:

NORMAL
REDUCED
NO SPINNING

Press “ENTER” to confirm.

Normal: standard final spinning is carried out

Reduced: one-minute final spinning. Spinning length is applied to the last spinning speed. The acceleration ramp is never reduced.

No spinning: final spinning is not carried out.

Press “MODE” to exit.

3-B-3 No prewashing

Prewash: Generally speaking, all programs include prewash. The purpose of this function is actually to skip prewash, and is especially useful when handling laundry that is not heavily soiled.

Select "PREWASH" using the "UP” and “DOWN” keys.

Press “ENTER” to confirm.

Programs/cycles and their respective prewash setting can be scrolled using the “UP” and “DOWN” keys. Move to the desired cycle and press “ENTER”. Then choose between “YES” and “NO” using the “UP” and “DOWN” keys and press “ENTER” to confirm.

Press “MODE” to exit.

3-B-4 Deferred cycle start

Delay START: This function defers machine start to a maximum of 24 hours. As soon as the scheduled time has elapsed the machine starts automatically. When waiting for the deferred start the machine reads the countdown. If during the countdown the “START” key is pressed, the machine immediately starts the cycle that was originally selected.

Select "DELAY START" using the "UP” and “DOWN” keys.

Press “ENTER” to confirm.

The parameter status, i.e. either “DISABLED” or “ENABLED” will appear. Press “ENTER” to change the selection. Use the “UP” and “DOWN” keys to make your selection in minutes and/or hours and then press “ENTER” to confirm.

Press “MODE” to exit.

As soon as the “START” key is pushed the countdown starts and the display reads the following message:

Start scheduled in:
countdown.(time remaining to the beginning of the cycle)

3-B-5 BUZZER enabled/disabled

Buzzer: Each time a key is pressed the buzzer gives out a short strong beep, which can be eliminated by accessing this function.

Select "BUZZER" using the "UP" and "DOWN" keys.

Press "ENTER" to confirm.

The parameter status, i.e. either "DISABLED" or "ENABLED" will appear. Press "ENTER" to change the selection. Use the "UP" and "DOWN" keys to set the delay in minutes and/or hours and then press "ENTER" to confirm.

Press "MODE" to exit.

3-B-6 Changing heating temperature

Heating: The maximum wash bath temperature reached through heating in any cycle can be lowered by 10°C. Select "HEATING" using the "UP" and "DOWN" keys.

Press "ENTER" to confirm.

The parameter status, i.e. either "NORMAL" or "REDUCED" will appear. Press "ENTER" to change the selection. Use the "UP" and "DOWN" keys to make your selection and then press "ENTER" to confirm.

Press "MODE" to exit.

3-B-7 Enabling cycles

Enable: When one or more cycles are not desired, it is possible to hide them from the available alternatives. This means that they are not erased but only concealed from the user interface menu that is accessed by the "SELECT" and "UP" or "DOWN" keys.

Select "ENABLE" using the "UP" and "DOWN" keys.

Press "ENTER" to confirm.

Using the "UP" and "DOWN" keys it will be possible to scroll all programs and their enable/disable settings. Move to the desired cycle and press "ENTER". Again using the "UP" and "DOWN" keys, choose between "ENABLED" and "DISABLED" and press "ENTER" to confirm.

Press "MODE" to exit.

4 USEFUL ADVICE

Remember that loading 80% of the machine's rated capacity provides better wash results. Mind that more soap does not mean better wash: on the contrary, using too much washing powder leads only to unnecessary pollution. The right amount of soap is indicated by your supplier according to the relevant water hardness.

Unless specifically advised against, the use of the water economiser is warmly recommended and so is the reduction of maximum temperature, in order to curb water and energy consumption and consequently reduce cycle length.

Before filling the drum with laundry make sure that keys, zips, clasps and buckles are facing inside and pockets are empty.

At the end of the job do the following:

- leave the door open;

- turn the machine off by the main switch
- close the hot water, cold water and steam taps (the latter applies to steam-heated machines only).
- turn the wall cut-off switch off.

5 WASH PROGRAMS

Cycle steps are detailed in the user-friendly tables attached.

6 WARNING

- Do not leave the machine on to no purpose. TURN the main switch OFF when the machine is not used.

During use:

- Open the door only when the drum is still and drained.

- In case of a potential drop, open the door by the manual puller, down on the left.

Before opening the door make sure that the drum has come to a complete halt, that the water has been drained and the temperature is lower than 40°C.

- Before any maintenance or cleaning operation, check that the wall cut-off switch is off and the hot water, cold water and steam taps are closed (the latter applies to steam-heated machines only).

- Do not load the drum with fabrics that have been cleaned, dampened, washed or stained with inflammable or explosive substances. Otherwise, hand-wash them first.

- Keep inflammable liquids far from the washing machine, in dry and ventilated premises, out of the reach of outsiders.

- Keep cleaning products and washing powders far from the machine, if possible, closed in a cabinet.

- Do not hamper air inlets or heat-exchanging openings. Keep an appropriate distance between the machine and the walls or other objects.

7 ALARMS

7-1) Alarm E1: water in the tub.

If water in the tub is detected before the start of a cycle, all functions are disabled. The alarm will disappear as soon as water reaches below the safety level. This alarm does not involve buzzer actuation and will be removed by simply switching the machine off and then on again. The sources of this fault are either the drain (make sure that the solenoid valve is clean and in good working order) or the built-in level pressure switch.

7-2) Alarm E2: Water level alarm

The water level required by the specific program has not been reached after taking in water for 5 minutes. This alarm signal will automatically disappear as soon as the tub receives the required amount of water. This alarm has no effect on the cycle, which is resumed as soon as the correct water level is reached.

If the correct level fails to be reached after water has been taken in for 10 more minutes the cycle is stopped and the buzzer is activated. To remove this alarm, just switch the machine off and then on again. The causes may be poor pressure in the mains, a blocked filter in the water intake solenoid, a closed supply tap, a broken drain solenoid valve or a leak in the same (water is taken in but it is simultaneously drained and it consequently fails or is slow to reach the required level).

7-3) Alarm E3: Drain alarm.

Water has failed to drain below the safety level after one minute. The cycle will be resumed after water has reached below the safety level, with no effect on cycle completion. The buzzer is not actuated. As for the causes, see alarm E1.

7-4) Alarm E4: Heating alarm

After the heating has worked for 20 minutes, the temperature has not risen by at least 5°C, and yet the cycle proceeds normally. This alarm will automatically disappear as soon as the temperature reaches the established threshold. The buzzer is not actuated. The cause may be an incorrect connection of the heating elements or either scale or lint on the heating elements. It is advisable to check that the hot water inlet has been connected properly: if the cold and hot water inlets have been inverted, heating times will be abnormally increased.

7-5) Alarm E5: Overtemperature alarm - disconnected temperature probe

Water temperature has exceeded 95°C or the temperature probe is either broken or disconnected. The wash cycle is aborted and the buzzer is activated. This alarm can be cancelled only by switching the machine off and then on again.

7-6) Alarm E6: Door lock alarm

Ten seconds after cycle start the door has failed to be locked (i.e. the door is not closed ten seconds after the START key has been pressed). The wash cycle is aborted and the alarm status can be removed only by pressing the "START" key again. The buzzer is not activated. Possible causes: the door may not be closed properly or the door microswitch may be damaged owing to handle misuse.

7-7) Alarm E7: Door alarm

Door damage is detected during operation: the wash cycle is immediately aborted and the tub is drained. Normal operation may be resumed only by switching the machine off and then on again. The buzzer is actuated.

7-8) Alarm E8: Level alarm

A water level 10 cm above the established height is detected: the cycle is aborted and the buzzer is actuated. To remove this alarm, just switch the machine off and then on again. The cause of this alarm is surely the level probe. ATTENTION, this fault can also be caused by the use of foamy soap.

7-9) Tilt alarm E9

When this alarm status occurs, the step in progress is aborted but the cycle is not cancelled. The motor is disconnected for 200 or 90 seconds for high-speed spin and low-speed spin respectively. Then a distribution step intervenes for 90 seconds in order for the laundry to be spread correctly. Alarms occurring during intermediate spin are not displayed: after distribution, the cycle skips the spinning step and proceeds. In return, alarms intervening during final spin blink E9: after distribution, the machine makes further spinning attempts, **up to a maximum of 6 (may be modified by re-programming)** and if it still fails to spin, the alarm sign E9 is lit continuously, the buzzer is actuated and the cycle is aborted. To remove this alarm, **it is necessary to press the "START" key again to make a new spinning attempt or to skip spinning.**

Alarm causes may be an incorrect laundry load (too little or too big), unlevelled machine positioning or dampers worn out through repeated incorrect loads.

7-10) Motor overload cutout E0

In case of motor fault, i.e. overheating, misconnection, etc., the motor is put to neutral and the message E0 is lit on the display and the buzzer is actuated. This alarm causes the cycle to be aborted. To remove it, just switch the machine off and then on again.

7-11 Measures to be taken in case of a voltage drop

If a voltage drop longer than 3 sec. occurs during a wash cycle, on being re-energised the display will read "POWER FAIL" with the general danger sign and an hourglass blinking for 240 s. All functions will be disabled. As soon as normal work conditions are restored, the cycle can be resumed from the step that was underway when the voltage drop occurred by pressing the **START key again** and the display unit will resume its normal functions. However, if the door is open when the machine is re-energised, the cycle will be aborted.

ATTENTION If the ON - OFF switch is actuated to turn the machine off after the cycle has been started, the machine will behave as if a voltage drop had occurred.

ATTENTION: WHEN ONE OR MORE ALARMS APPEAR ON THE DISPLAY DURING MACHINE OPERATION, IN ORDER TO AVOID FURTHER DAMAGE, REMOVE MISFUNCTION SOURCES (IF POSSIBLE) BEFORE STARTING A NEW CYCLE OR CONTACT THE AUTHORISED AFTER-SALES SERVICE OR DEALER.

7-12) Automatic maintenance request

The machine keeps the number of cycles it runs in memory. When starting the 1000th cycle, the screen will automatically show a message "1000 C", blinking for 10 seconds, in order to remind the user that it is time to proceed to annual maintenance. In any case, this message shall not disturb the started cycle which will run normally.

To cancel this message and start a new 1000 cycle score, press "DOWN" key for at least 5 seconds (with door closed).

7-13) Alarm E10: boiler alarm

Boiler alarm: the safety thermostat enclosed in the boiler has detected overheating, heating is stopped and the machine keeps running.

Buzzer is actuated and the cycle will resume from the beginning when the situation comes back to normal.

This alarm is caused by imperfect circulation in the boiler. It is necessary to clean the boiler with a circulation pump and to proceed to descaling every 3 months.

7-14) Alarm E11: chimney alarm

Chimney alarm: the safety thermostat set on the chimney has detected too high a temperature on the outlet of burnt gas. Cycle is interrupted; alarm can only be removed by pressing the "START" key.

Possible causes: defective evacuation of burnt gas (obstructed evacuation) or evacuation pipe is too long and requires an extractor.

7-15) Alarm E12: boiler level alarm

Water temperature in the boiler is higher than safety temperature, heating is stopped, and the machine keeps running.

Buzzer is actuated, the cycle will resume when the problem disappears.

Possible causes: plush filter is not regularly cleaned; deposits are likely to be stuck at the entry of the boiler. It is necessary to clean the boiler with a circulation pump and to proceed to descaling every 3 months.

7-16) Alarm E13: flame failure

Flame failure: The ignition plug has not detected any flame, the machine keeps running and buzzer is actuated.

After 20 seconds, reset the system by pressing on the “ENTER” key.

If problem persists, please check the following:

- Is gas inlet valve open?
- Ignition plug is maybe out of order.

If the pump defect alarm is lit, cut electricity feed of the machine. If problem persists, please control that circulation at entry and exit of pump is not obstructed.