





**WASHING MACHINES**

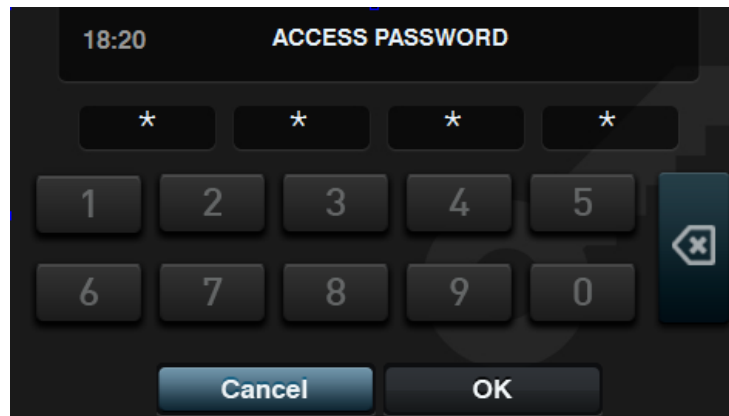
DHS-11 / DHS-14 / DHS-18 / DHS-27 / DHS-36

DMS-11 / DMS-14 / DMS-18 / DMS-27

DLS-11 / DLS-14 / DLS-18 / DLS-27 / DLS-36 / DLS-60

## 1. Maintenance

With the washing machine switched on and without running any programmes, press  and . The password access screen is displayed.




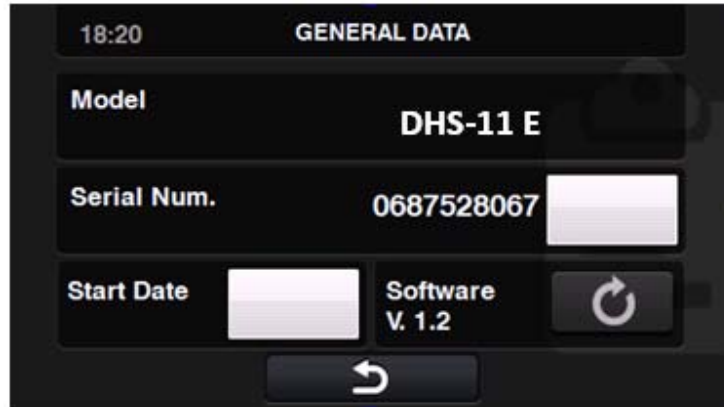
To go to this submenu, enter the password (1357).

The following options are available in this submenu:



## 1.1 General information

In the main screen, select the icon . The washing machine general information is displayed on the screen.



### 1.1.1 Model

Information box for the model configured. Behind the model identifier a letter is displayed indicating the type of heating configured (No letter – Hot water, E – Electric, S – Steam).

### 1.1.2 Serial No

Field with machine serial No consisting of 10 digits.

To the right of the serial No there is a hidden button (transparent) which if it is pressed and held down for 5 seconds, will allow the machine serial number to be edited manually.

### 1.1.3 Start-up date


Field with the appliance start-up date.

By default the machine is provided without a date (empty) in this field. There is a hidden button (transparent) to the right of this field. If it is pressed and held down for 5 seconds, the start-up date will be deleted (displaying --.--), indicating that a flag has been activated and the historic data will automatically be deleted (errors, partial values and total values).

Once the flag has been activated, the next time the machine is switched on the “Start Date” will be saved.

1.1.4 Software version This permits the washing machine software version to be displayed.

### 1.1.5 Update software


Option that permits the software of the existing cards to be updated. The new software to be recorded will be taken via USB. To update the new software, use the  key.

When the software is updated, the washing machine configuration is maintained together with that of the existing programmes and the list of programmes in favourites. A SW update will update the application and the factory programmes and configurations. The programmes created by the user or which have been modified from the library are maintained.

To return to the factory conditions after updating the SW, run “factory parameters” afterwards.

Press  to return to the SAT screen.

## 1.2 Autotest

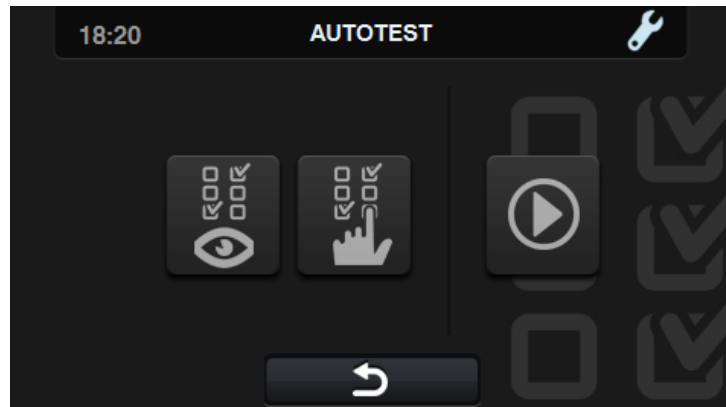
On the main maintenance screen, select the icon  to go to autotest. This option allows you to view the status of all the inputs, and to activate any of the outputs in order to test the correct operation of the different machine components (the inputs/outputs are displayed according to the configuration of existing kits).


The inputs and outputs which are available in ALL the machines are ALWAYS displayed. The inputs and outputs which are exclusive to a particular feature (for example, Self-service, Sanitary, Extra dispensers, Tanks (T1, T2, T3), Tilting...) will only be available if the feature is activated.

On leaving the output activation screen, all the outputs are deactivated.


It is also possible to run a programme that helps to test the machine, guiding the user through the machine test process.

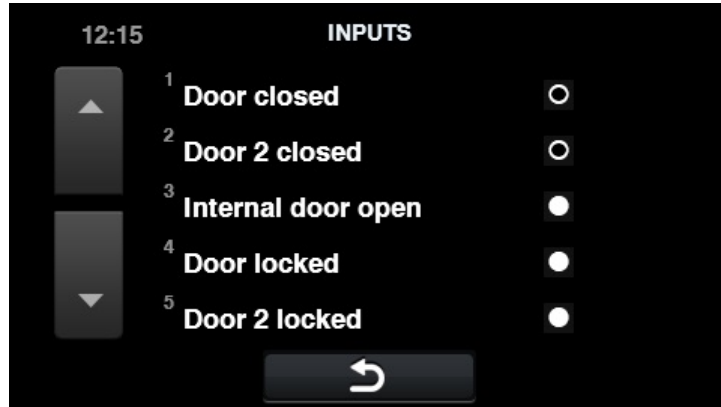
Select the Autotest option, and the following screen is displayed.



Press  to return to the main SAT screen.

### 1.2.1 Status of the inputs


On the Autotest screen, when the icon  is pressed, the status of the inputs is displayed in the next screen.




If an input is active, this is shown on the screen with a dot.

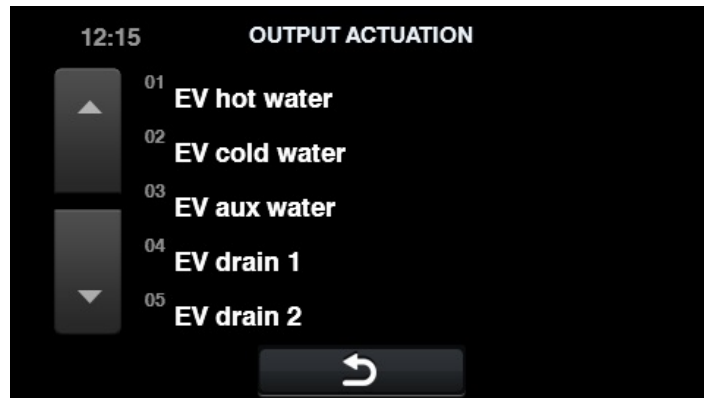
The first 5 inputs are displayed on this screen. To view the remaining inputs and scroll through the

screen use the  and  keys.



Press  to return to the autotest screen.


### 1.2.2 Updating the outputs

On the Autotest screen, when the icon  is pressed, it is possible to force the outputs of the plate, going to next screen.



The first 5 outputs are displayed on this screen. To view the remaining outputs and scroll through

the screen use the  and  keys. To force the outputs just press the required output.

Press  to return to the autotest screen.

### 1.2.3 Autotest Programme

On the Autotest screen, press the icon  to go to the autotest programme.

The phases and parameters of the autotest programme are shown below:

| PHASE                          |                       | WASH AUTOTEST 1 | RINSE AUTOTEST 1 | SPIN AUTOTEST 1 | WASH AUTOTEST 2 | SPIN AUTOTEST 2 |
|--------------------------------|-----------------------|-----------------|------------------|-----------------|-----------------|-----------------|
| TYPE                           |                       | WASH            | RINSE            | SPIN            | RINSE           | SPIN            |
| TIME (MIN)                     |                       | 1.              | 2.               | 1.              | 2.              | 10.             |
| TEMPERATURE                    |                       | 28°             | 60°              |                 |                 |                 |
| LEVEL                          |                       | MIN             | MIN              |                 | MAX             |                 |
| SPEED                          | Wash speed:           | NORMAL          | NORMAL           |                 | NORMAL          |                 |
|                                | Spin speed:           |                 |                  | FAST            |                 | MAX             |
| INPUT                          | Water inlet           | HOT             | REG (hw;cw)      |                 | COLD            |                 |
| GENERAL                        | Wash rates:           | 15;05           | 05;05            |                 | 05;05           |                 |
|                                | Move filling:         | YES             | YES              |                 | NO              |                 |
|                                | Thermal stop:         | YES             | YES              |                 |                 |                 |
|                                | Movement in drainage: | YES             | YES              |                 | NO              |                 |
|                                | Drainage:             | D1              | D1               |                 | D1              |                 |
|                                | Optimum distribution  |                 |                  | YES             |                 | YES             |
|                                | Pause programme:      | NO              | YES              | YES             | YES             | NO              |
|                                | Untangling            |                 |                  | YES             |                 | YES             |
| DOSING (START/TIME/DELAY)(SEC) | Dosage 1:             | ML/10/0         |                  |                 |                 |                 |
|                                | Dosage 2:             | ML/10/10        |                  |                 | ML/10/10        |                 |
|                                | Dosage 3:             | ML/10/20        |                  |                 |                 |                 |
|                                | Dosage 4:             | ML/10/30        |                  |                 |                 |                 |
|                                | Dosage 5:             | L/10/0          |                  |                 |                 |                 |
|                                | Dosage 6:             | L/10/10         |                  |                 |                 |                 |
|                                | Dosage 7:             | L/10/20         |                  |                 |                 |                 |
|                                | Dosage 8:             | L/10/30         |                  |                 |                 |                 |
|                                | Dosage 9:             | T/10/0          |                  |                 |                 |                 |
|                                | Dosage n:             | T/10/10         |                  |                 |                 |                 |




Running the autotest programme is the same as running any other programme with one exception.

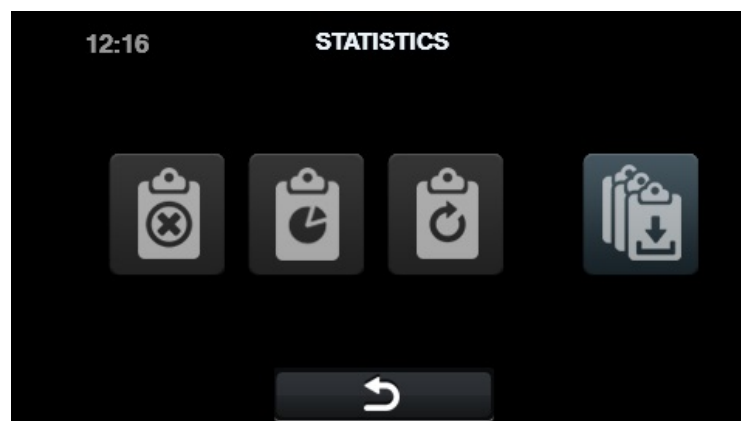
When the “Stop programme” parameter is active in the current phase, a pause is made before starting to run the phase in question as occurs with any programme. However, in addition to the pause, a summary is displayed of the most significant parameters from the previous phase (maximum temperature reached, maximum speed reached, maximum level reached and true phase time).


In addition, when the programme ends, the same parameters are displayed, referring to the maximum programme values.

It is possible to display all the parameters (settings, true values and status of inputs and outputs), by pressing the RUN MENU button as in a normal run command.

### 1.3 Log

On the main maintenance screen select the icon , and go to the log menu.






Press  to return to the SAT screen.

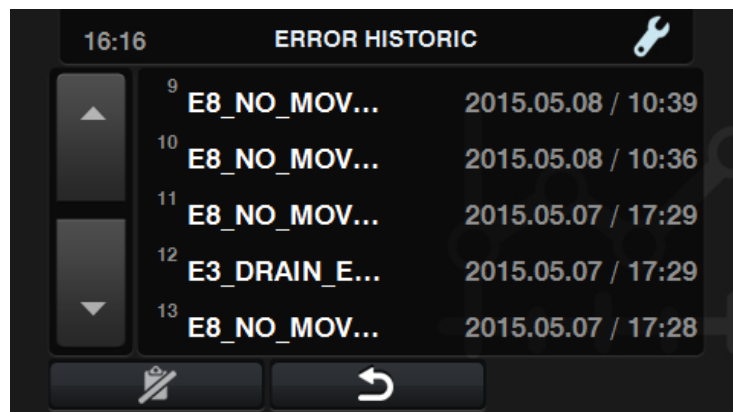
2 different types of log can be viewed on this screen:


- Error log
- Value log


### 1.3.1 Error log

On the log screen, press the  key and go to the error log. The last 20 errors recorded are displayed, together with the date / time at which they occurred.

The first five errors recorded are displayed on the screen. To view the following errors, use the  and  keys to scroll through the list.




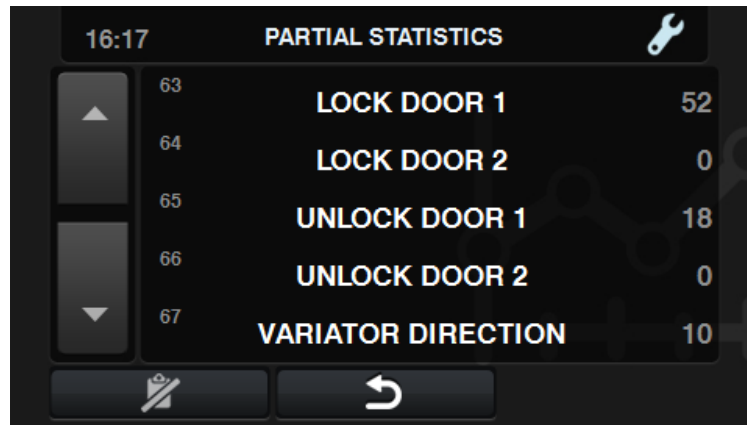
Use the  key to delete the values recorded.

Press  to return to the log screen.



### 1.3.2 Partial values log





On the log screen, press the  key to go to the partial values log. All the data recorded since the last time the partial log was reset are displayed on screen.




The first five values recorded are displayed on the screen. To view the following values,

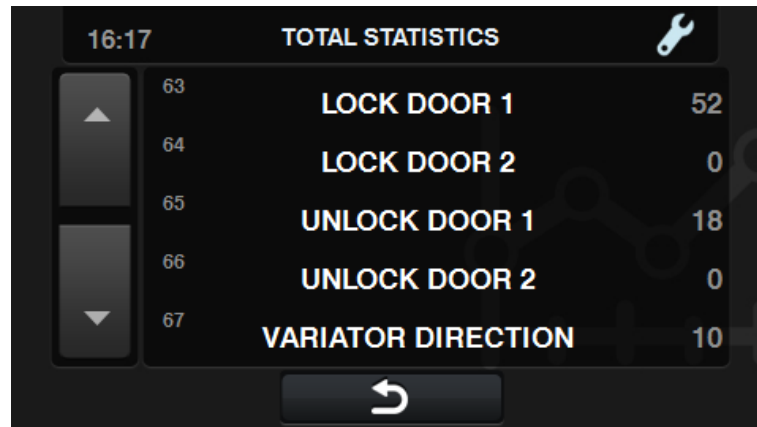
use the  and  keys to scroll through the list.

Use the  key to delete the values recorded.



Press  to return to the log screen.


### 1.3.3 Total values log

To access the total values log, press the  key, and the data recorded since the manufacture of the appliance are displayed.




The first five values recorded are displayed on the screen. To view the following values,

use the  and  keys to scroll through the list.


Press  to return to the log screen.

The data stored, in either partial values or in total values, are as follows:


- Total hours of operation
- Total hours of operation washing (any phase which is not spinning)
- Total hours of operation spinning
- Maximum temperature reached
- Maximum level reached
- Maximum speed (RPM) reached
- Total no of errors classified by error type
- Cycles run by each output

The error log and the partial values log can be deleted using the button . However, the total values log can never be deleted.


### 3.4 Download log to USB

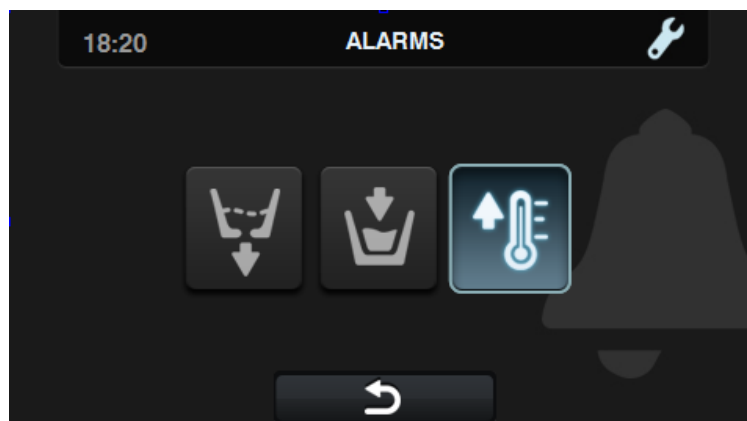
Using the  key, the log can be downloaded to a USB flash drive. Every time a download is made, a folder is created with SerialNo\_Date\_Time\_Log, creating a unique “.sts” file with all the information.


In addition, different machine parameters are downloaded (Serial No, Model, Date, Time, Heating type, operation mode (OPL/Self-service), Start date and SW version) for subsequent loading in the Wash-Control.

Press  to return to the log screen.

### 1.4 Configure alarms


On the maintenance screen, select the  icon, and go to the alarm configuration screen.



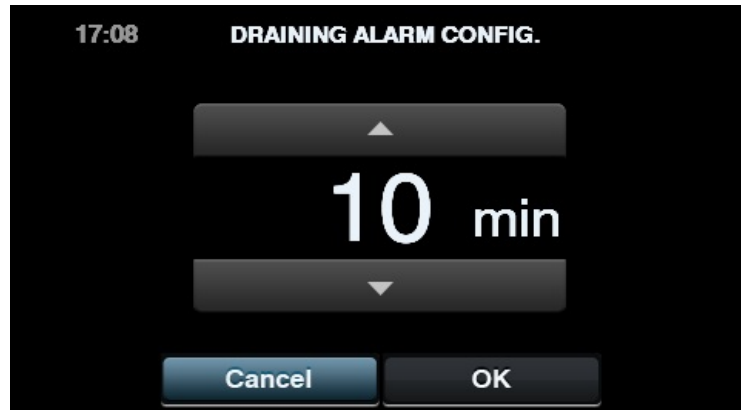
Press  to return to the initial SAT screen.



The following errors can be configured:


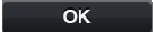
### E3: DRAINAGE FAILURE / WATER IN TUB:

Press the  key to modify error 3, drainage failure. The time after which the error is displayed on the screen can be configured.


The error time can be configured. Range, from 5 to 30 minutes. The default time programmed is 10 minutes.



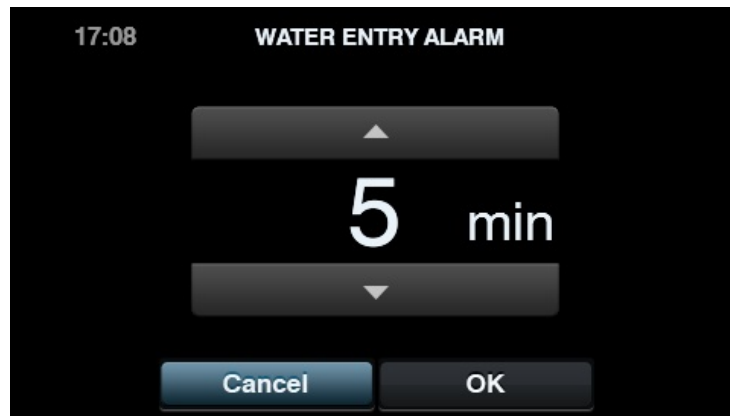
To change the time, use the keys  and .



Press  to return to the initial alarm configuration screen, or press  to return to the alarm configuration screen and confirm the changes.



### E5: WATER INLET FAULT

Press the  key on the error configuration screen to modify error 5, water inlet fault. The time after which the error is displayed on the screen can be configured.


The error time can be configured. Range, from 5 to 30 minutes. The default time programmed is 5 minutes.

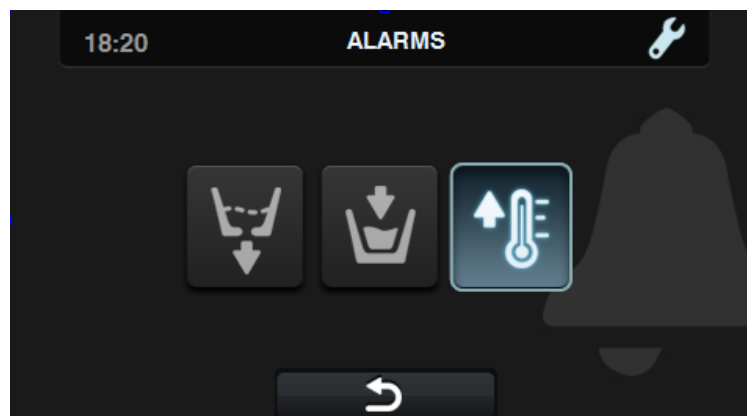



To change the time, use the keys  and .

Press  to return to the initial alarm configuration screen, or press  to return to the alarm configuration screen and confirm the changes.


## E6: HEATING FAULT

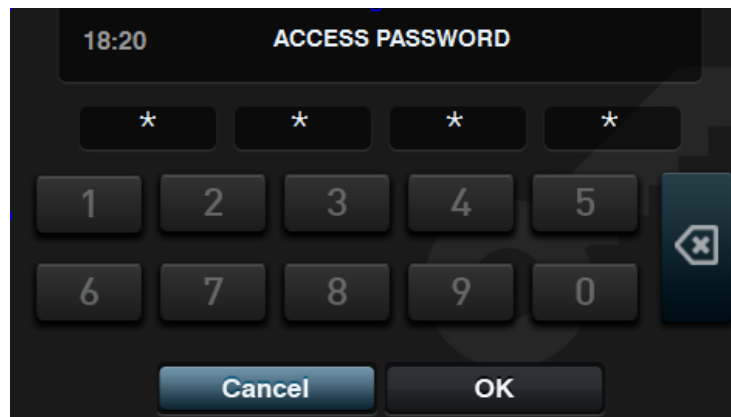
Press  on the error configuration screen to cancel 6, heating fault. By default it is enabled.




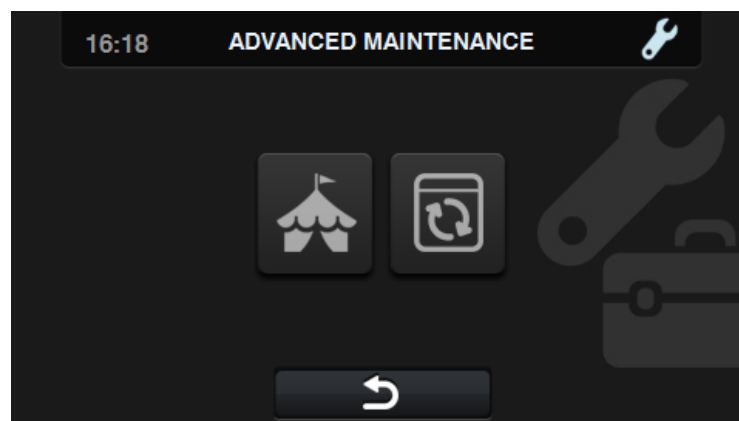
Press  to return to the initial SAT screen.

## 1.5 Advanced maintenance


On the Maintenance screen, select the icon , and press “OK” to go to the advanced maintenance screen. A special password (0888) is required to access this section.



On this screen, enter the password (0888), and confirm it with the  key to go




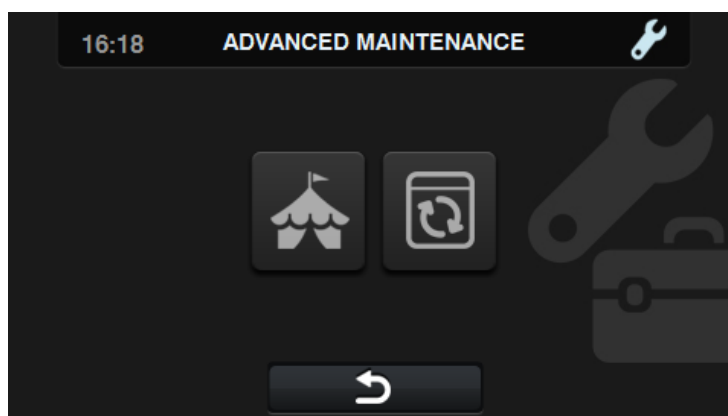
to the advanced maintenance screen.

Press  to return to the initial SAT screen.



### 1.5.1 Exhibition Mode

Press the  key in the advanced maintenance menu to set the machine to exhibition mode, ignoring all the errors that are triggered.




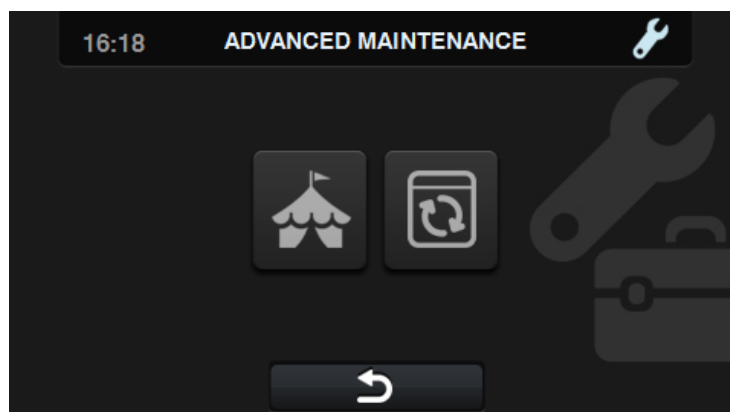
In exhibition mode, the washing machine ignores all the errors which are triggered, and runs a short demo programme.

When this programme is run, a short demo programme is run which passes through all the washing phases. It will only run with the door locked, machine active and the motor will turn indefinitely at 0.5 V, alternating the direction of rotation, without activating any other input.

The message that the washing machine is running in exhibition mode is displayed on the screen.

### 1.5.2 Continuous mode

Press the  key on the advanced maintenance screen and select continuous mode.




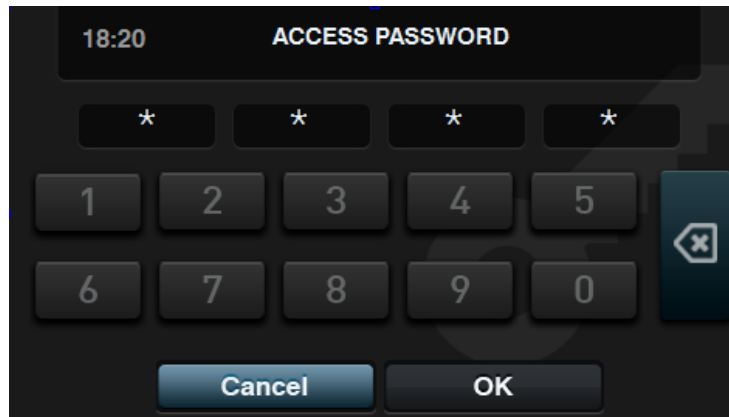
If this mode is active, any programme can be run indefinitely, that is, when the programme ends, the door is unlocked, the buzzer is sounded to open the door, but the programme will automatically start again, locking the door and running the configured phases.

The message that the washing machine is running in continuous mode is displayed on the screen.

## 1.6 Factory parameters



Press the  key on the maintenance screen to go to the load factory parameters option. A password is required (4321).




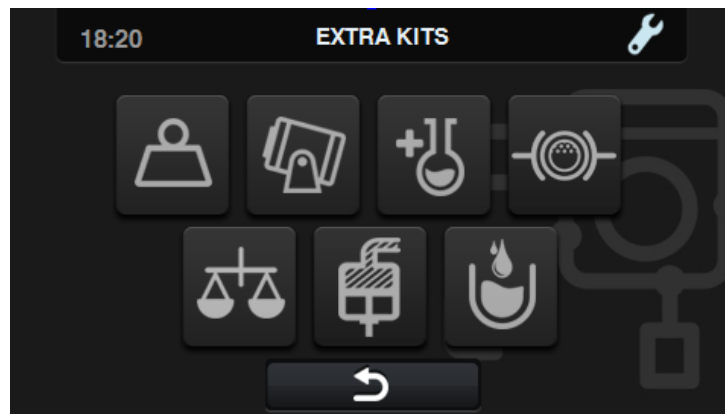
Enter the code (4321), and press  to return to the initial SAT screen, with the message “Default values updated”.


With this option it is possible to load the washing machine default parameters, except the model, heating type and self-service parameters which are not reset.

All the new programmes which have been created in the library will be maintained, restoring the default programmes.

## 1.7 Kits


Press the  key on the maintenance screen to go to the activation / deactivation screen for the different kits in the washing machine. By default, all the kits are disabled.



Press  to return to the initial SAT screen.

The list of Kits is as follows:


### 1.7.1 Weighing system

Press the button  on the extra kits screen to activate this kit to automatically weigh the load, by measuring the inputs of the weighing shims and calculating the weight of the load before running any programme.

This kit calculates the percentage weight inserted in the machine with respect to the nominal weight, adapting the level setting and the dosage times according to the water saving configuration.

### 1.7.2 Tilting system



Press the  key on the extra kits screen to activate the tilting kit which enables the tilting for the loading and unloading of the laundry, taking signals from an external control. This can only be activated in 45, 60, 80 and 120 kg washing machines.

Operation of the Tilting Kit.

If the tilting kit is active and the washing machine is at rest, the management of the loading or unloading of the laundry is via the forward or backward tilting signals from the control.

#### 1. Forward tilting: Tilting signal for loading laundry

When this signal is received, if the door is open, the “front inflation” output is activated to inflate the ball, waiting for the “front pressostat” open signal to display the loading diagram on the screen and enabling the soak and turn motor functions.

If the output is activated but the input signal is not received, the corresponding error is triggered.

#### 2. Backward tilting: Tilting signal for unloading laundry

When this signal is received, if the door is open, the “rear inflation” output is activated to inflate the ball, waiting for the “rear pressostat” open signal to display the unloading diagram on the screen and enabling the soak and turn motor functions.

If the output is activated but the input signal is not received, the corresponding error is triggered.

#### 3. Clockwise/anticlockwise rotation: Motor rotation signal to move the drum and turn the laundry.

If the washing machine is in the loading or unloading position and the rotation signal is received, the drum will turn at a fixed speed of 0.3V, and the direction of rotation will be displayed on the screen.


#### 4. Soak: Soak signal to put water in the drum

If the washing machine is in the loading position and the soak signal is received, cold water will be inserted in the machine while the signal is active, until the maximum tilt level is reached.

If the “front pressostat” and “rear pressostat” inputs are active at the same time, the tilt error is triggered.


#### 1.7.3 Extra dosing

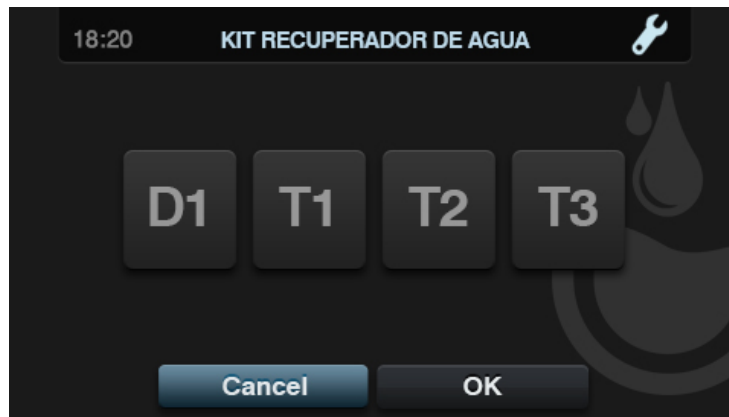




Press the  key on the extra kits screen to go to the menu that will permit dosing from dispenser 9 to dispenser 14.

#### 1.7.4 Water recovery




Press the  key on the extra kits screen to activate the kit that permits the recovery of water, either through drainage 2, or through any of the three existing water recovery tanks. Configurable options (D1, T1, T2, T3).

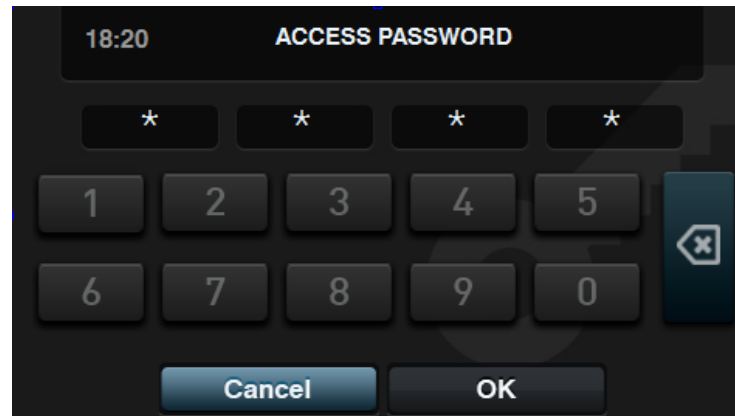


Press  to return to the initial SAT screen, or press  to return to the initial SAT screen and confirm the changes.

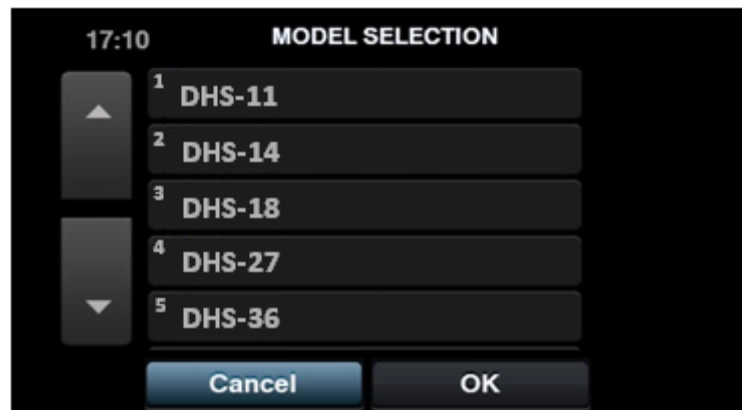
## 1.8 Model



Press the  key on the start-up screen to select the model, enter the password (2470), and the models available in the selected brand are displayed with the existing hardware configuration (low, medium, high, sanitary).



If none of the four inputs are active or more than one is active, the corresponding error is displayed and it will not be possible to select any model.





The first five models are displayed on the screen. To view the following models, use the




and




keys to scroll through the list.


Press  to return to the SAT screen, or press  to return to the initial screen and confirm the changes.

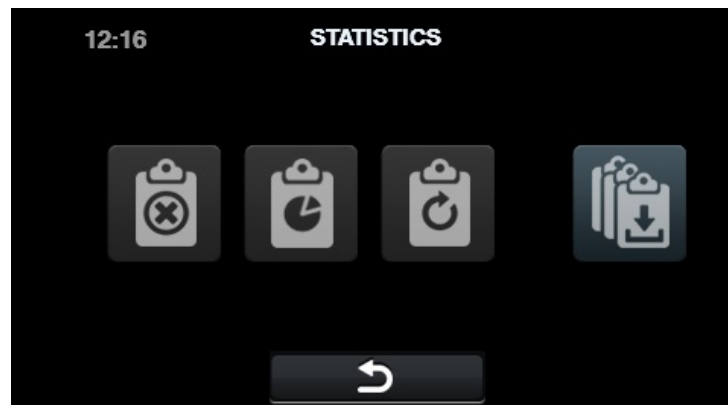
## 1.9 Operating mode



Press the  key on the main SAT screen to go to the menu for selecting the machine type.

There are two options:

If the icon  is selected, the washing machine is configured in normal OPL mode.


If the icon  is selected, the washing machine is configured in self-service mode.




Press  to return to the SAT screen, or press  to return to the initial screen and confirm the changes.





## 1.10 Type of heating


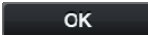
Press the  key on the start-up screen to go to the menu for selecting the machine type and define the type of heating the machine will use. Heating using electric resistors, hot water (the appliance does not have a heating mode) or steam.



Press the  key on the type of heating screen to select electric heating (resistors).



Press the  key on the type of heating screen to select hot water heating.

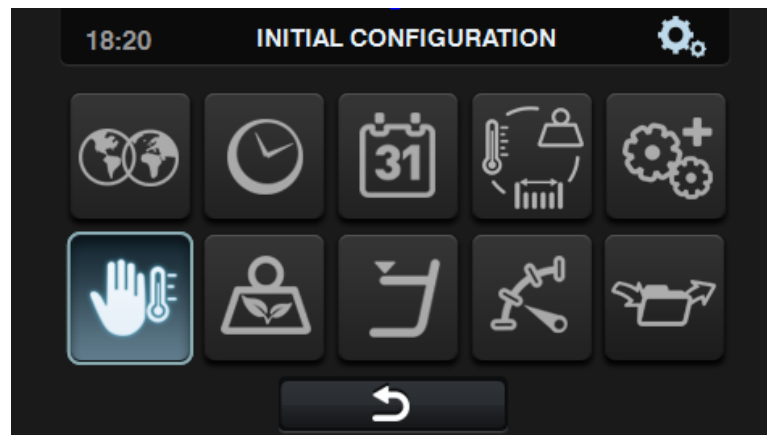
Press the  key on the type of heating screen to select steam heating.

Press  to return to the start-up screen, or press  to return to the initial screen and confirm the changes.


## 2. Configure System

With the washing machine switched on and without running any programmes, press



 and  and the configuration screen is displayed.

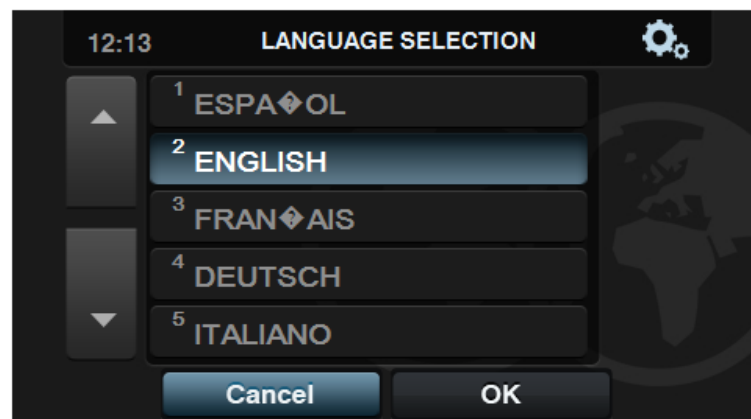


### 2.1.- Language

On the initial configuration screen select the icon , and go to the language selection menu.

The washing machine texts can be displayed in 33 different languages, although the texts can only be edited using Western character sets.

Use the  and  keys to scroll through the menu, go from one language to the next.




Press **Cancel** to return to the initial configuration screen, or press **OK** to return to the initial configuration screen and confirm the changes.





The following languages are available:

- SPANISH → ESPAÑOL
- ENGLISH → ENGLISH (default)
- FRENCH → FRANÇAIS
- GERMAN → DEUTSCH
- ITALIAN → ITALIANO
- PORTUGUESE → PORTUGUÊS
- POLISH → POLSKI
- TURKISH → TÜRKÇE
- CZECH → ČEŠTINA
- EUSKARA → EUSKARA
- CATALAN → CATALÀ
- GALICIAN → GALEGO
- VALENCIAN → VALENCIÀ
- SWEDISH → SVENSKA
- DUTCH → NEDERLANDS
- HUNGARIAN → MAGYAR
- FINNISH → SUOMI
- ESTONIAN → EESTI
- NORWEIGAN → NORSK
- SLOVENE → SLOVENŠČINA
- SLOVAK → SLOVENČINA
- CROATIAN → HRVATSKI
- LITHUANIAN → LIETUVIŲ


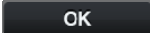
- ROMANIAN → ROMÂNĂ
- GREEK → ΕΛΛΗΝΙΚΑ
- RUSSIAN → РУССКИЙ
- BULGARIAN → БЪЛГАРСКИ ЕЗИК

## 2.2 Time


On the initial configuration screen select the icon , and go to the adjust time menu.

Use the  and  keys to select the display format (12 hours / 24 hours (default)), and the  and  keys to select the time (the hours and the minutes can be changed).








Press  to return to the initial configuration screen, or press  to return to the initial configuration screen and confirm the changes.

## 2.3 Date

On the initial configuration screen select the icon , and go to the adjust date menu.


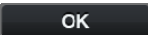


Use the keys ,  and  to select the display format, and the  and  keys to select the date (the day, month and year can be changed).


dd/mm/yyyy → This indicates Day/ Month/Year







yyyy/mm/dd → This indicates Year/Month/Day

mm/dd/yyyy → This indicates Month/Day/Year.



Press  to return to the initial configuration screen, or press  to return to the initial configuration screen and confirm the changes.

## 2.4 Units of measure

On the initial configuration screen, select the icon , and go to the units of measure menu to select the required unit of measure.

- Temperature: Press  to display the temperature in °C, and  for °F.
- Weight: Press  to display the weight in kg, and  for lb.
- Size: Press  to display the size in mm, and  for inches.




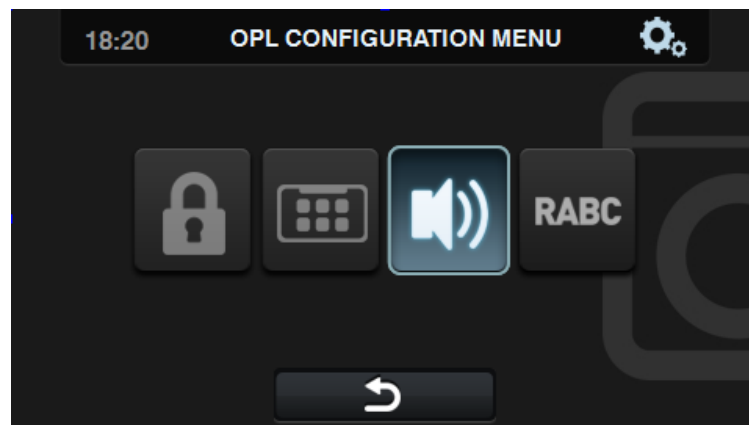
Press  to return to the initial configuration screen, or press  to return to the initial configuration screen and confirm the changes.


## 2.5 Advanced configuration

The sections which can be configured in advanced configuration are described below. The available options vary depending on whether the machine is OPL or self-service.


### 2.5.1 Advanced configuration (OPL)

On the initial configuration screen select the icon , and the OPL advanced configuration screen is displayed.




Press  to return to the initial configuration screen.

#### 2.5.1.1 Restricted access


On the OPL configuration menu screen select the icon  and go to the restricted access option. The washing machine configuration can be restricted and a password established to enter the main menu.

The required password (1234 by default) for entering the main menu can be configured. There is also a master password in the event that the user forgets the established password (0777).


### 2.5.1.2 HUD

On the OPL configuration menu screen select the icon , which permits the configuration of the parameters to be displayed on the OFF screen, main screen and run screen, in addition to configuration of the automatic shutdown and energy saving.






Press  to return to the initial configuration screen.

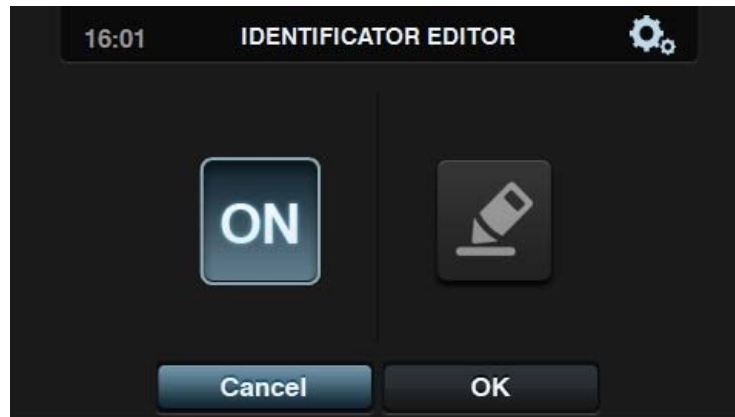
#### 2.5.1.2.1 OFF screen



On the HUD configuration menu screen, in the OPL configuration, these are the parameters that can be configured, by pressing the button .





### 2.5.1.2.1.1 Machine identifier

By pressing the  key, the machine identifier can be enabled/disabled, and the number to be allocated to the identifier can be edited (between 1 and 99) using the  and  keys. By default it is disabled.




With the option  this option is enabled, and to go to the identifier editor, press , and the following screen is displayed.




Press  to return to the initial configuration screen, or press  to return to the initial configuration screen and confirm the changes.

#### 2.5.1.2.1.2 Date

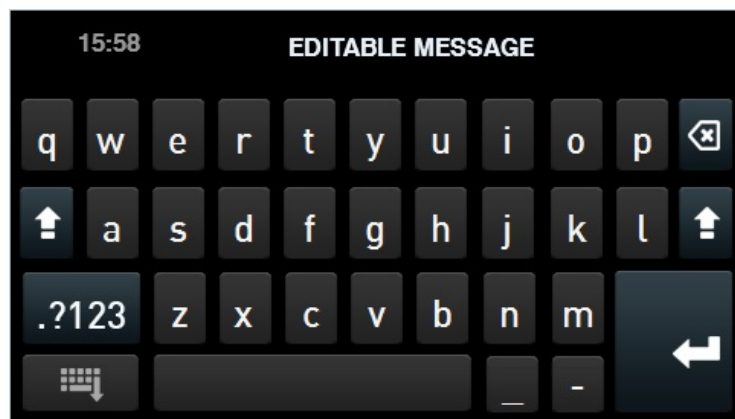
Press the  key to enable/disable the option of the date on screen.


#### 2.5.1.2.1.3 Logo

Press the  key to select whether the logo is displayed on the OFF screen. By default it is enabled.


#### 2.5.1.2.1.4 Laundry message

Pressing the key offers the user the option to create and edit a start-up message (maximum 40 characters). By default this is disabled.




Press the icon  to return to the initial configuration screen of the OFF screen.

### 2.5.1.2.2 Main screen


On the HUD configuration menu screen, in the OPL configuration, these are the parameters of the main screen that can be configured, by pressing the  key.




#### 2.5.1.2.2.1 Time


Press the  key to activate the option to display / hide the time. By default it is enabled.

#### 2.5.1.2.2.2 Laundry weight


Press the  key to activate the option to display the weight of the laundry. If this option is disabled, the weight icon is not displayed. By default it is disabled.

#### 2.5.1.2.2.3 Instant programming

Press the  key to enable / disable instant programming. If instant programming is disabled, the parameters for each cycle can be viewed but cannot be edited. By default it is enabled.


Press  to return to the initial configuration screen.

### 2.5.1.2.3 Run screen


On the HUD configuration menu screen, in the OPL configuration, these are the parameters of the run screen that can be configured, by pressing the  key.




#### 2.5.1.2.3.1 Time

Press the  key to activate the option to display / hide the time. By default it is enabled.


#### 2.5.1.2.3.2 Remaining time

Press the  key to activate / deactivate the option to display/hide the total time remaining and the programme progress indicator on the run screen. By default it is enabled.


#### 2.5.1.2.3.3 Stop button, STOP

Press the  key to hide the stop button so that the user cannot stop the programme. By default this is enabled.


#### 2.5.1.2.3.4 PAUSE button


Press the  key to hide the pause button so that the user cannot interrupt the programme. By default this is enabled.

#### 2.5.1.2.3.5 Menu button


Press the  key to display /hide the run menu icon. By default it is enabled.

#### 2.5.1.2.3.6 Advance button


Press the  key to hide the advance button, so that it is not possible to change from one cycle to the next while a programme is running. By default it is enabled.

Press  to return to the initial configuration screen.

#### 2.5.1.2.4 Automatic shutdown

On the HUD configuration menu screen, in the OPL configuration, press the  key to enable/disable the automatic shutdown option. If this option is activated and the programmer is on the main screen, the machine will switch to the Off screen after 30 minutes of inactivity. By default it is enabled.


#### 2.5.1.2.5 Energy saving

Press the  key to activate the energy saving option, which saves energy by switching off the screen 10 minutes after the machine has been switched off.

If any part of the screen is touched, the backlight will light up again. Likewise, if the ON/OFF button is pressed, the backlight comes on and the main screen is opened. By default it is enabled.


### 2.5.1.2.6 Beep



Press the  key to activate the option to activate / deactivate the buzzer. By default it is enabled.

### 2.5.1.2.7 RABC



On the initial configuration screen, select the icon , and go to the RABC / Traceability menu, where the information about each wash is recorded and the following information is saved.




- At the start of each cycle: Programme, start time, weight (where applicable).
- During the programme, every 15 seconds: Level, temperature and error (where applicable).


When downloading the data, the required period must be selected (by default, start date and end date, today's date).

The data should be saved for a minimum of 15 days.


Every time a download is made, a folder is created with NumSeries\_Date\_Time, creating a “.haccp” file for each of the programmes that has been run.

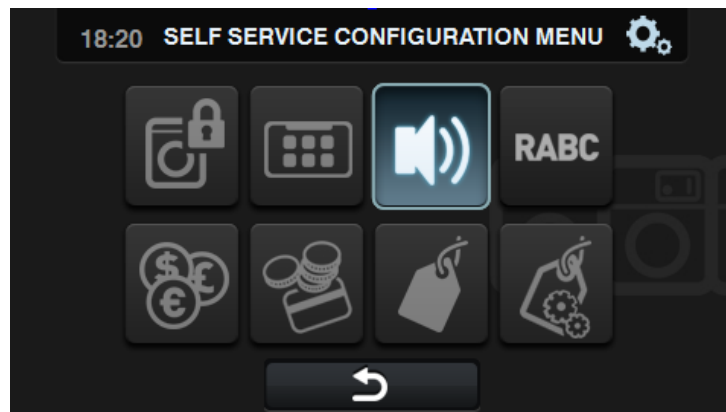


Use the  and  keys to select the date interval for which the machine data is required. Download a file with the  key.


Press  to return to the initial configuration screen.

### 2.5.2 Advanced configuration (COIN)


On the initial configuration screen select the icon , and the COIN advanced configuration screen is displayed.

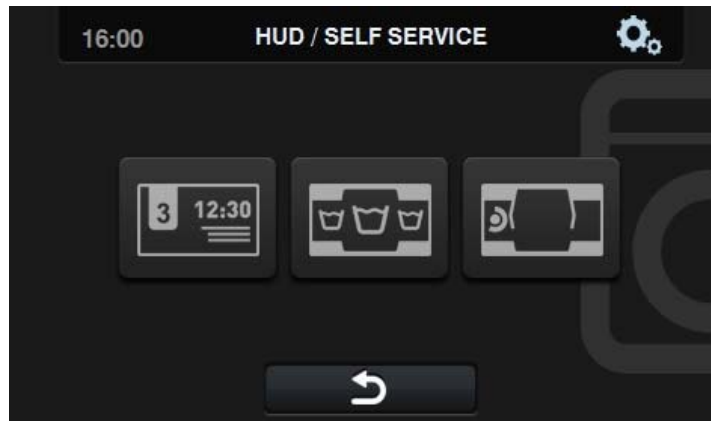



#### 2.5.2.1 Credit Mode

Press the  key in the self-service configuration menu, while the machine is in self-service mode the Credit Mode password (by default 1234) can be configured. There is also a master password in the event that the user forgets the established password (0777).

#### 2.5.2.2 HUD

Press the  key in the self-service configuration menu to go to the screen that allows the parameters of the standby screens, the main screen and the run screen to be configured.



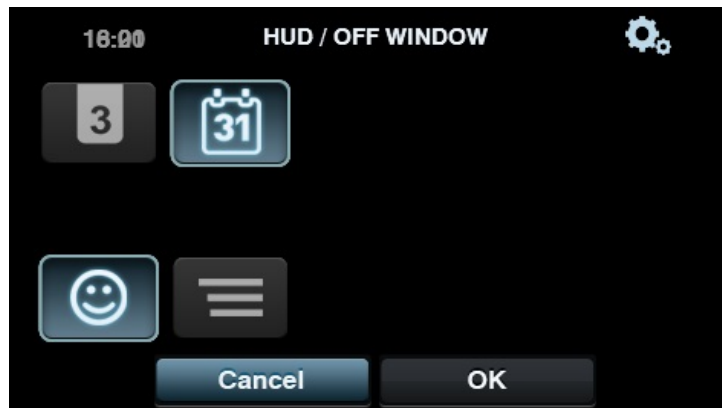
Press  to return to the initial configuration screen.


#### 2.5.2.2.1 Standby screen

On the HUD configuration menu screen, in the Self-service configuration, press the






key for the parameters that can be configured to appear on the OFF screen.

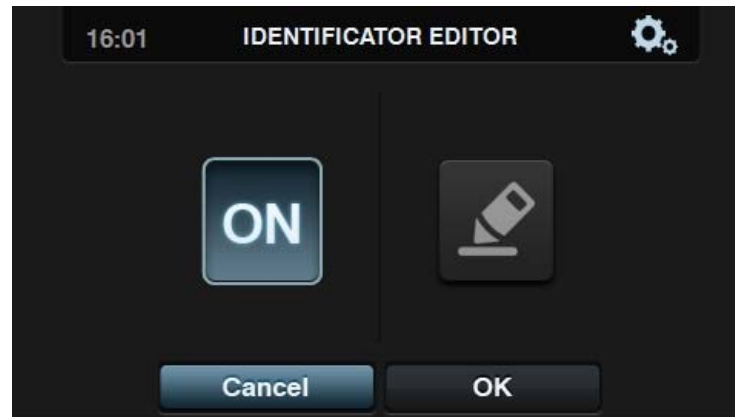




Press  to return to the initial configuration screen.





### 2.5.2.2.1.1 Machine identifier

By pressing the  key, the machine identifier can be enabled/disabled, and the number to be allocated to the identifier can be edited (between 1 and 99) using the  and  keys. By default it is disabled.




With the option  this option is enabled, and to go to the identifier editor, press , and the following screen is displayed.




Press  to return to the initial configuration screen, or press  to return to the initial configuration screen and confirm the changes.

#### 2.5.2.2.1.2 Date

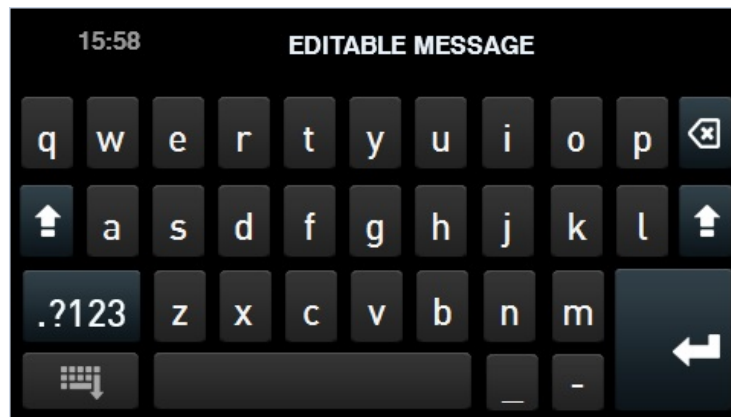
Press the  key to enable/disable the option of the date on screen.


#### 2.5.1.2.1.3 Logo

Press the  key to select whether the logo is displayed on the OFF screen. By default it is enabled.


#### 2.5.1.2.1.4 Laundry message

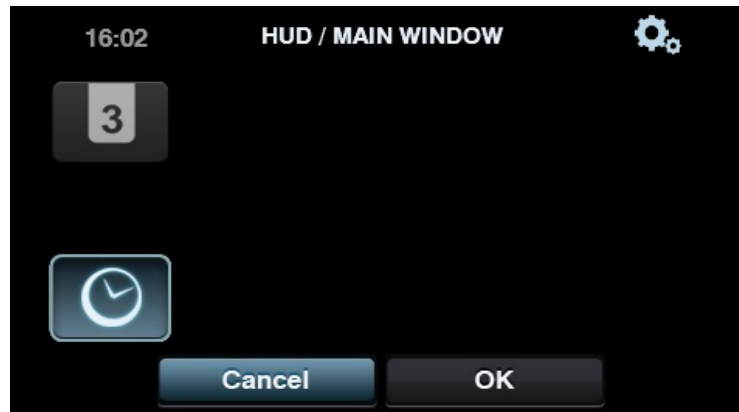
Pressing the key offers the user the option to create and edit a start-up message (maximum 40 characters). By default this is disabled.


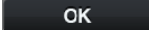


Press the icon  to return to the initial configuration screen of the OFF screen.




#### 2.10.2.2.2 Main screen (Self-service mode)


Press the  key, in the HUD self-service menu, to go to the menu screen to configure the parameters of the main screen.

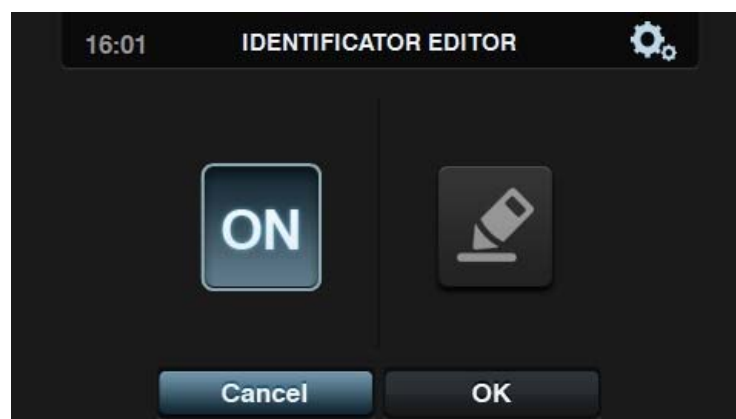


Press  to return to the initial configuration screen, or press  to return to the initial configuration screen and confirm the changes.

#### 2.5.2.2.2.1 Machine identifier

By pressing the  key, the machine identifier can be enabled/disabled, and the number to be allocated to the identifier can be edited (between 1 and 99) using the  and  keys. By default it is disabled.



With the option  this option is enabled, and to go to the identifier editor, press






, and the following screen is displayed.




Press  to return to the initial configuration screen, or press  to return to the initial configuration screen and confirm the changes.

#### 2.5.2.2.2.2 Time




Press the  key to activate the option to display / hide the time. By default it is enabled.

### 2.5.2.2.3 Run screen (Self-service mode)



Press the  key, in the HUD self-service menu, to go to the menu screen to configure the parameters of the run screen.





#### 2.5.2.2.3.1 Machine identifier

By pressing the  key, the machine identifier can be enabled/disabled, and the number to be allocated to the identifier can be edited (between 1 and 99) using the  and  keys. By default it is disabled.




With the option  this option is enabled, and to go to the identifier editor, press , and the following screen is displayed.




Press  to return to the initial configuration screen, or press  to return to the initial configuration screen and confirm the changes.


#### 2.5.2.2.3.2 Time



Press the  key to activate the option to display / hide the time. By default it is enabled.

#### 2.5.2.2.3.3 Stop button, STOP


Press the  key to hide the stop button so that the user cannot stop the programme. By default this is enabled.

#### 2.5.2.2.3.4 Remaining time


Press the  key to activate / deactivate the option to display/hide the total time remaining and the programme progress indicator on the run screen. By default it is enabled.

Press  to return to the initial self-service configuration screen, or press  to return to the initial self-service configuration screen and confirm the changes.

### 2.5.2.3 Beep

Press the  key to activate the option to disable the buzzer. By default it is enabled.

### 2.5.2.4 RABC

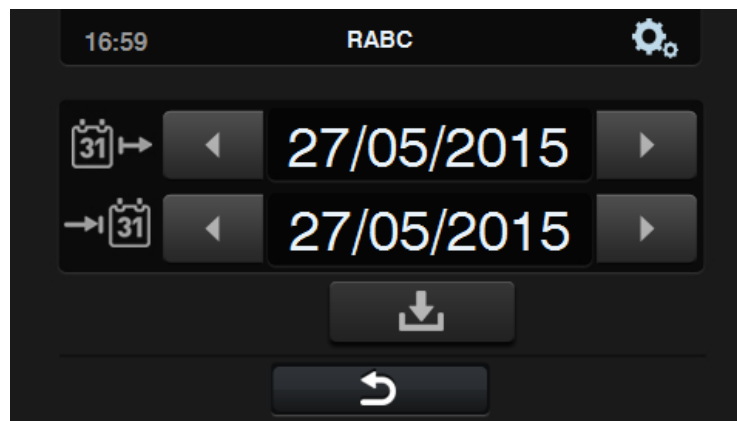
On the initial configuration screen, select the icon , and go to the RABC / Traceability menu, where the information about each wash is recorded and the following information is saved.




- At the start of each cycle: Programme, start time, weight (where applicable).
- During the programme, every 15 seconds: Level, temperature and error (where applicable).


When downloading the data, the required period must be selected (by default, start date and end date, today's date).

The data should be saved for a minimum of 15 days.

Every time a download is made, a folder is created with NumSeries\_Date\_Time, creating a “.haccp” file for each of the programmes that has been run.




Use the  and  keys to select the date interval for which the machine data is required. Download a file with the  key.

Press  to return to the initial configuration screen.

### 2.5.2.5 Currency



Press the  key in the self-service configuration menu to select the currency to be used. A table is attached of all the currencies available with the corresponding symbol and pulse (multiple).

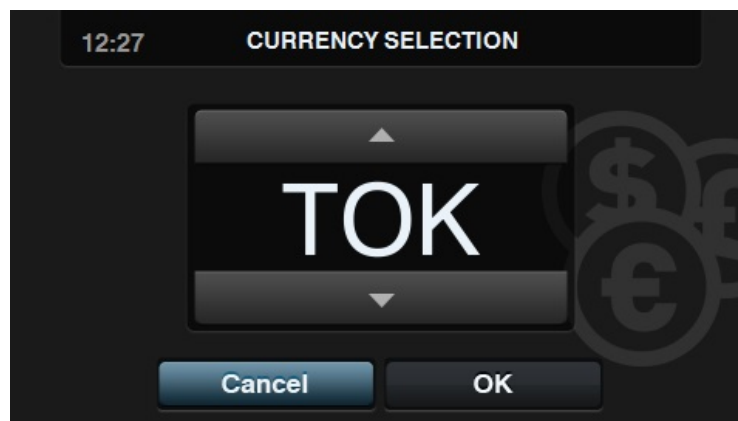
Note: If the currency is changed, all the prices will be reset. The default currency is the token.

| Token                       | Token                 | TOK | 1.    |
|-----------------------------|-----------------------|-----|-------|
| <b>Kuwait</b>               | Kuwaiti Dinar         | KWD | 0.05. |
| <b>Oman</b>                 | Omani Rial            | OMR | 0.05. |
| <b>Azerbaijan</b>           | Manat                 | AZM | 0.1.  |
| <b>Bulgaria</b>             | Lev                   | BGN | 0.1.  |
| <b>Bahrain</b>              | Bahraini Dinar        | BHD | 0.1.  |
| <b>China</b>                | Yuan Renminbi         | CNY | 0.1   |
| <b>Fiji</b>                 | Fiji Dollar           | FJD | 0.1.  |
| <b>Malaysia</b>             | Malaysian Ringgit     | MYR | 0.1.  |
| <b>Panama</b>               | USA / Balboa dollar   | USD | 0.1.  |
| <b>Singapore</b>            | Singapore Dollar      | SGD | 0.1.  |
| <b>Argentina</b>            | Argentine Peso        | ARM | 0.25. |
| <b>Bermuda</b>              | Bermudian Dollar      | BMD | 0.25. |
| <b>Brazil</b>               | Real                  | BRL | 0.25. |
| <b>Canada</b>               | Canadian Dollar       | CAD | 0.25. |
| <b>Ecuador</b>              | US Dollar             | USD | 0.25. |
| <b>Egypt</b>                | Egyptian Pound        | EGP | 0.25. |
| <b>Ethiopia</b>             | Ethiopian Birr        | ETB | 0.25. |
| <b>Guatemala</b>            | Quetzal               | GTQ | 0.25. |
| <b>Cayman Islands</b>       | Cayman Islands Dollar | KYD | 0.25. |
| <b>Saudi Arabia</b>         | Saudi Riyal           | SAR | 0.25. |
| <b>El Salvador</b>          | Salvadoran Colon      | SVC | 0.25. |
| <b>Turkey</b>               | Turkish Lira          | TRY | 0.25. |
| <b>United States</b>        | US Dollar             | USD | 0.25. |
| <b>United Arab Emirates</b> | UAE Dirham            | AED | 0.5.  |
| <b>Bolivia</b>              | Bolivian Peso         | BOP | 0.5.  |
| <b>Estonia</b>              | Estonian Kroon        | EEK | 0.5.  |
| <b>Euro-Countries</b>       | Euro                  | EUR | 0.5.  |
| <b>United Kingdom</b>       | Pound sterling        | GBP | 0.5.  |
| <b>Georgia</b>              |                       | GEL | 0.5.  |
| <b>Ghana</b>                | Cedi                  | GHS | 0.5.  |




|                               |                    |     |      |
|-------------------------------|--------------------|-----|------|
| <b>Croatia</b>                | Kuna               | HRK | 0.5. |
| <b>Latvia</b>                 | Lat                | LVL | 0.5. |
| <b>New Zealand</b>            | New Zealand dollar | NZD | 0.5. |
| <b>Qatar</b>                  | Qatari Riyal       | QAR | 0.5. |
| <b>Ukraine</b>                | Hryvnia            | UAH | 0.5. |
| <b>Bosnia and Herzegovina</b> | Convertible Mark   | BAM | 1.   |
| <b>Bangladesh</b>             | Taka               | BDT | 1.   |
| <b>Switzerland</b>            | Swiss Franc        | CHF | 1.   |
| <b>Dominican Republic</b>     | Dominican Peso     | DOP | 1.   |
| <b>Hong Kong</b>              | Dollar             | HKD | 1.   |
| <b>Israel</b>                 | Shekel             | ILS | 1.   |
| <b>India</b>                  | Indian Rupee       | INR | 1.   |
| <b>Sri Lanka</b>              | Sri Lankan Rupee   | LKR | 1.   |
| <b>Lithuania</b>              | Lit                | LTL | 1.   |
| <b>Morocco</b>                | Moroccan Dirham    | MAD | 1.   |
| <b>Macedonia</b>              | Macedonian Denar   | MKD | 1.   |
| <b>Peru</b>                   | Sol                | PEN | 1.   |
| <b>Philippines</b>            | Philippine Peso    | PHP | 1.   |
| <b>Poland</b>                 | Zloty              | PLN | 1.   |
| <b>Russian Federation</b>     | Russian Ruble      | RUB | 1.   |
| <b>Sweden</b>                 | Swedish Krona      | SEK | 1.   |
| <b>Slovakia</b>               | Slovak Crown       | EUR | 1.   |
| <b>Thailand</b>               | Baht               | THB | 1.   |
| <b>Tunisia</b>                | Tunisian Dinar     | TND | 1.   |
| <b>Uruguay</b>                | Uruguayan Peso     | UYU | 1.   |
| <b>Yugoslavia</b>             | Yugoslavian dinar  | RSD | 1.   |
| <b>South Africa</b>           | Rand               | ZAR | 1.   |
| <b>Australia</b>              | Australian Dollar  | AUD | 1.   |
| <b>Czech Republic</b>         | Czech Koruna       | CZK | 5.   |
| <b>Denmark</b>                | Danish Krone       | DKK | 5.   |
| <b>Kenya</b>                  | Kenyan Shilling    | KES | 5.   |
| <b>Mexico</b>                 | Mexican Peso       | MXN | 5.   |
| <b>Norway</b>                 | Norwegian Krone    | NOK | 5.   |
| <b>Romania</b>                | Leu                | RON | 5.   |
| <b>Algeria</b>                | Algerian Dinar     | DZD | 10.  |
| <b>Guyana</b>                 | Guyanese Dollar    | GYD | 10.  |
| <b>Hungary</b>                | Forint             | HUF | 10.  |
| <b>Iceland</b>                | Icelandic Krona    | ISK | 10.  |
| <b>Kazakhstan</b>             | Tengue             | KZT | 10.  |
| <b>Slovenia</b>               | Tolar              | EUR | 10.  |
| <b>Taiwan</b>                 | Taiwanese Dollar   | TWD | 10.  |

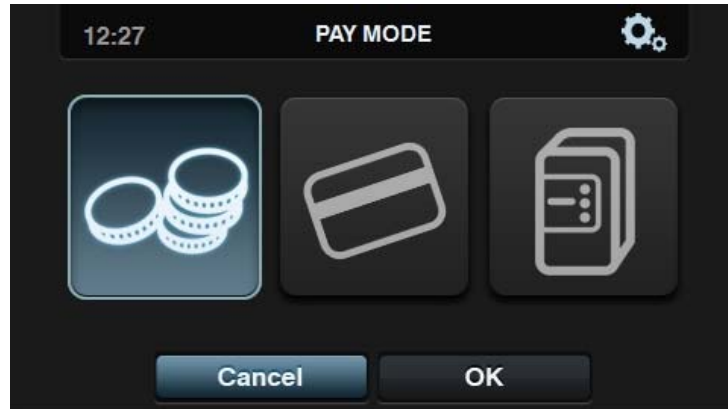
|                                  |                      |     |      |
|----------------------------------|----------------------|-----|------|
| <b>Chile</b>                     | Chilean Peso         | CLP | 50.  |
| <b>Costa Rica</b>                | Costa Rican Colon    | CRC | 50.  |
| <b>Iran, Islamic Republic of</b> | Iranian Rial         | IRR | 50.  |
| <b>Paraguay</b>                  | Guaraní              | PYG | 50.  |
| <b>French Polynesia</b>          | French Pacific Franc | XPF | 50.  |
| <b>Colombia</b>                  | Colombian Peso       | COP | 100. |
| <b>Indonesia</b>                 | Rupiah               | IDR | 100. |
| <b>Japan</b>                     | Yen                  | JPY | 100. |
| <b>South Korea</b>               | Won                  | KRW | 100. |
| <b>Uganda</b>                    | Ugandan Shilling     | UGX | 100. |
| <b>Venezuela</b>                 | Venezuelan Bolivar   | VEF | 100. |




Press **Cancel** to return to the initial self-service configuration screen, or press **OK** to return to the initial self-service configuration screen and confirm the changes.

#### 2.5.2.6 Method of Payment


Press the  key, in the HUD self-service menu, to go to the menu screen to configure the parameters for the configuration of the payment method.



#### 2.5.2.6.1 Coin

Press the  key, on the method of payment screen to configure the washing machine to operate with this method. In this option, the currency and the price of each programme must be configured, taking the coin slot pulse as reference depending on the currency and coin to be used.


#### 2.5.2.6.2 Pay Centre


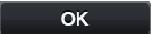
Press the  key, on the method of payment screen to configure the washing machine to operate with pay centre. In this option the washing machine receives a pulse from the pay centre to release the machine and permit the programme to run.

This configuration is the default factory setting.


The currency, price and price programming options are disabled.

#### 2.5.2.6.3 Card reader

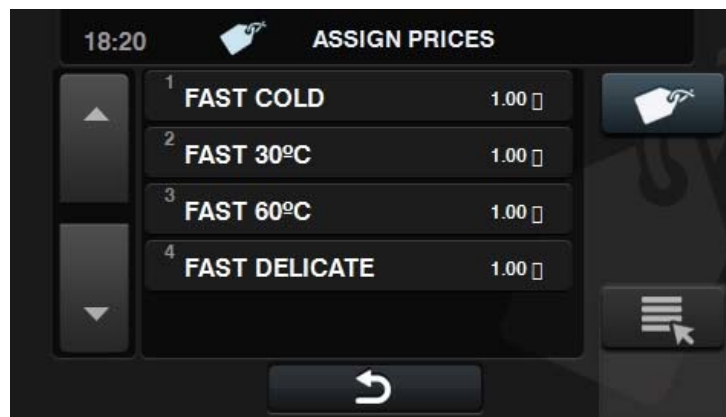
Press the  key, on the method of payment screen to configure the washing machine to operate with card reader, which with respect to the configuration is the same as the pay centre.

Press  to return to the initial self-service configuration screen, or press  to return to the initial self-service configuration screen and confirm the changes.




### 2.5.2.7 Prices


Press the  key on the self-service screen to configure the prices of all the selected programmes in “My Programmes”.

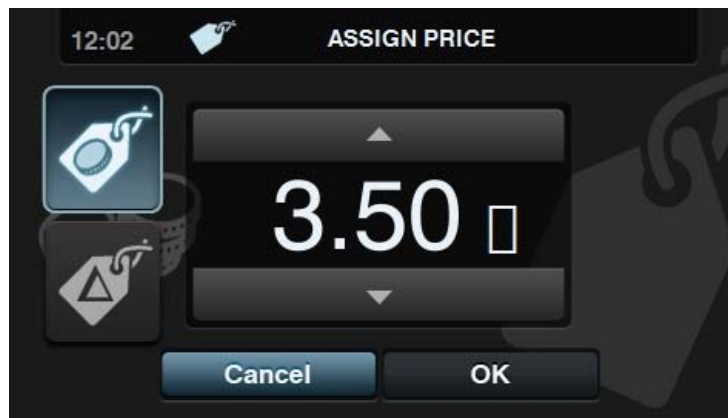
The minimum value of the programme will be the multiple defined in the currency, and the maximum will be 100 times the value of the multiple. The default setting is the






minimum configurable value.


Use the  and  keys to scroll through the menu, going from one programme to the next. After selecting the programme, press  to go to the price allocation screen.



Press  to return to the initial configuration screen.




Use the  and  keys to adjust the amount of the selected programme.

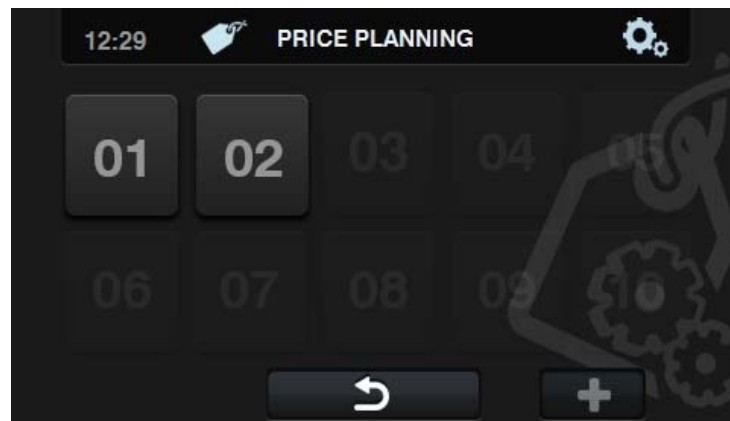
To configure the value as absolute, press the  key.

To configure the value as incremental, press the  key.

On this screen, press  to return to the initial self-service configuration screen, or press  to return to the initial self-service configuration screen and confirm the changes.

### 2.5.2.8 Price programming


Press the  key on the price screen to define a price programming. That is, periods of specific time for which you wish to change the defined programme price. Maximum, 10 simultaneous programmings.



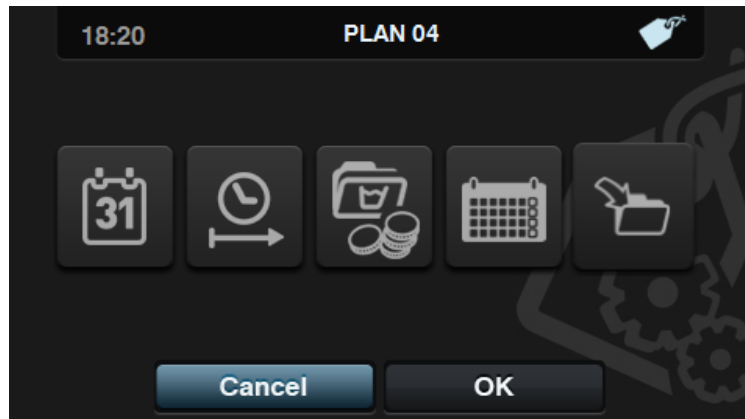
Use the  key to add price plans.

The programmed prices are valid for the configured time slot. The prices return to the general prices outside the configured time slot.


If there is a conflict between a new programming and an existing one, it will not be possible to create the new programming and a message advising of this circumstance will be given. If the new programming refers to a past date, it will not be possible to create the programming.

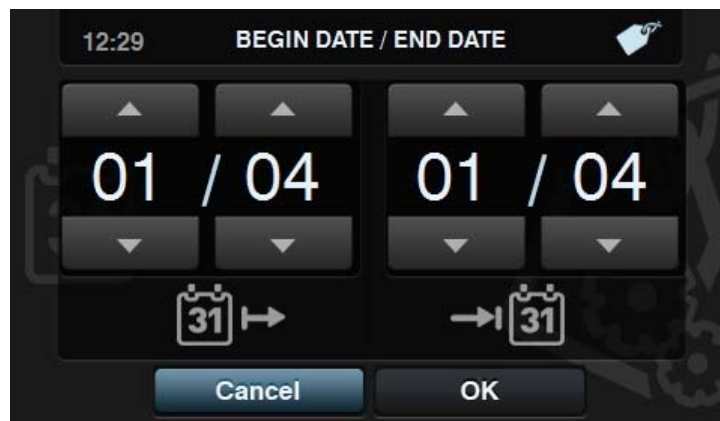
Press  to return to the initial configuration screen.



These are the fields that must be completed when preparing a programming:





### 2.5.2.8.1 Date


Press the  key, in the price plan menu, to select the period of time during which you wish to create the programming, setting a start and end date.

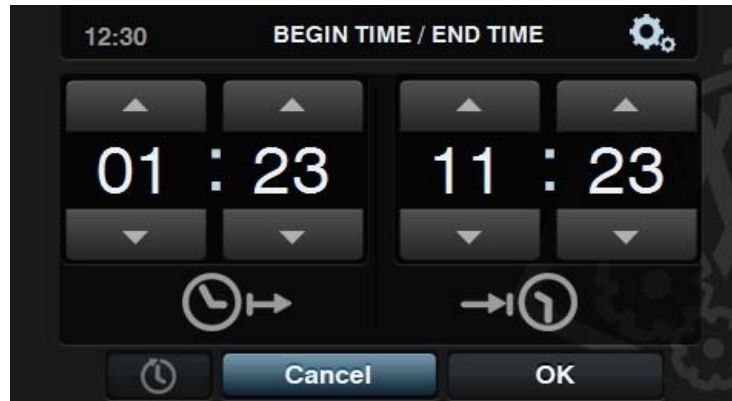




Use the  and  keys to configure the start and end dates, in day and month format.



On this screen, press  to return to the initial plan configuration screen, or press  to return to the initial plan screen and confirm the changes.

### 2.5.2.8.2 Start/end time


Press the  key to set the start and end time of the programming.



Use the  and  keys to configure the start and end time, in hour and minute format.




On this screen, press  to return to the initial plan configuration screen, or press  to return to the plan configuration screen and confirm the changes.



### 2.5.2.8.3 Programme(s) & Prices

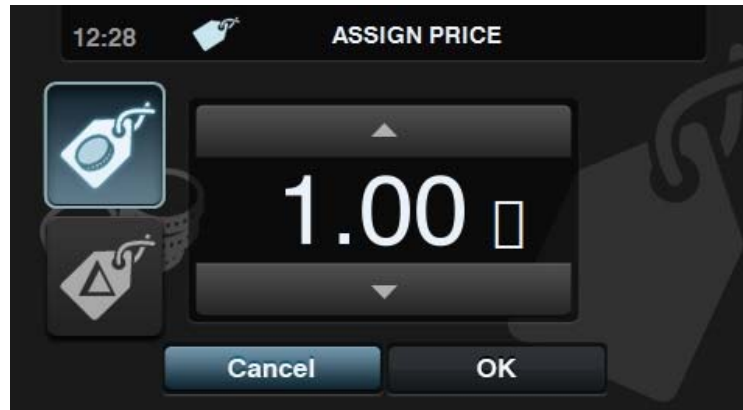
Press the  key in the price plan menu, select the price or price difference to be allocated to each of the programmes in “My Programmes”









Use the  and  keys to scroll through the menu, going from one programme to the next. After selecting the programme, press  to go to the price allocation screen.

On this screen, press  to return to the initial plan configuration screen, or press  to return to the plan configuration screen and confirm the changes.




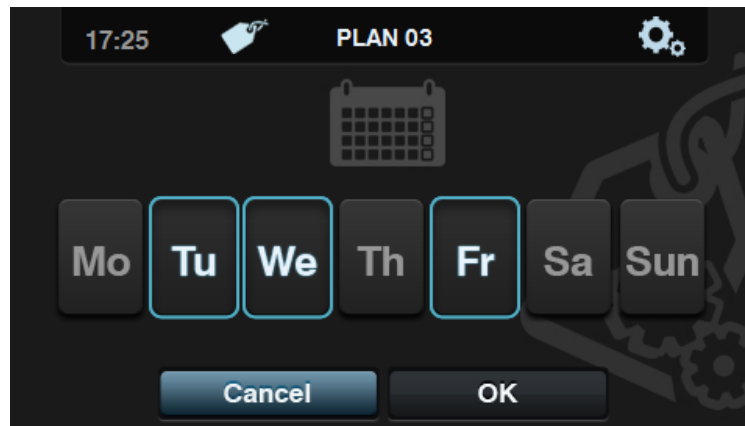
To configure the value as absolute, press the  key.



To configure the value as incremental, press the  key.

On this screen, press  to return to the initial plan configuration screen, or press  to return to the plan configuration screen and confirm the changes.


#### 2.5.2.8.4 Calendar

Press the  key, in the price plan menu, to configure the days on which the programming is to be applied.



On this screen, press  to return to the initial plan configuration screen, or press  to return to the plan configuration screen and confirm the changes.

#### 2.5.2.8.5 Import

Press the  key in the price plan menu to import the price plans from a USB flash drive.

If IMPORT is selected, the same screen as in programmes is displayed in order to browse through the USB, but only price plan files (with extension .plan) can be selected. It is only possible to import one plan when importing.

On pressing OK and importing the plan, the display returns to the main window of price plans.

On pressing the number of an active plan, a summary of the configured parameters is displayed.

