

Installation and maintenance guide

Coffeemar G250



Contents:

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- Washing the water circuit
- Draining the water circuit
- Coin mech start and review
- Recommended minimum cleaning



Read the safety instructions at page 19 of this manual before starting working on the machine.



Jofemar

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Characteristics and layout of the machine:

Sizes High x Wide x Deep:
 [P P μ[x 22 3/32'
 Weight: 100Kg / 220lb.

Electric:
 Power supply: 220-240 VAC. or 110 VAC
 Verify the ground connection is proper
 before turning on the machine (see page
 19)

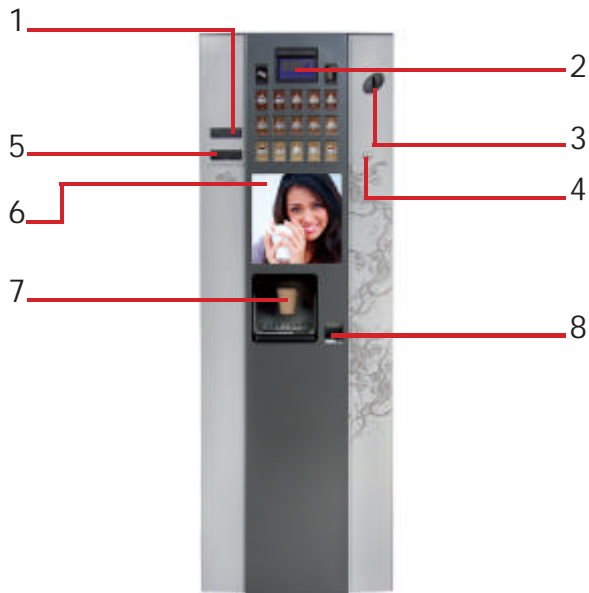
Capacity

Coffee beans	2.300 gr. - 5,07 lb
Powdered Milk	1.700 gr. - 3,74 lb
Chocolate	1.350 gr. - 2,97 lb
Sugar	2.100 gr. - 4,62 lb
Instant coffee	700 gr. - 1,54 lb
Tea and herbal Drinks	1000 gr. - 2.2 lb
Cups and Stirrers	250
Pressurised boiler	370 ml. - 0.6 pt

Coin Acceptance:
 Coin Mech J2000 with refund tubes
 for five different coin values and fraud
 proof security measures

Options
 Bill reader
 Card reader
 Telemetry modem
 Water softener
 Flavour filter
 Water self-feeding kit (One or two
 25-litre tanks).

7 KHP DFKLCHVHMS LVP DGHVFRUHFV
 Z RUNICGRRU/LODODP EIHQW
 WMP SHUDWUHEHZZHHQ| & VR| &
) \ ?

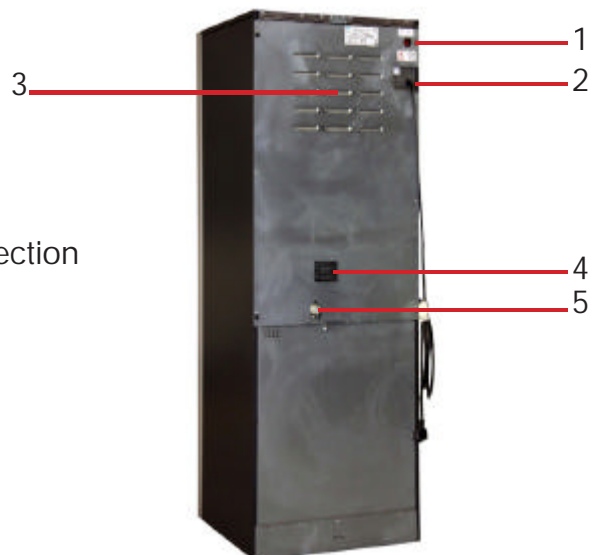


Exterior of the machine

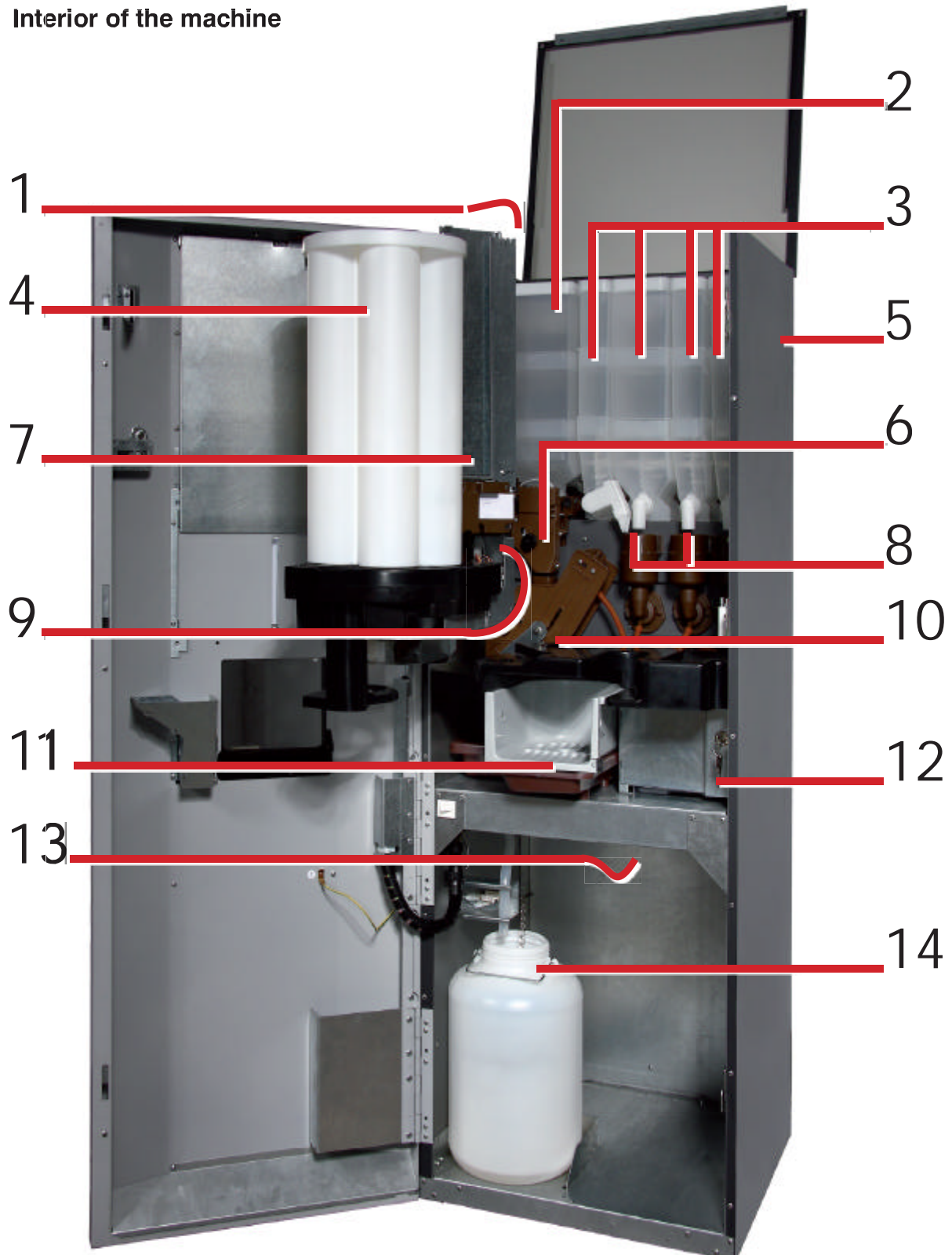
- 1.- Optional Bill validator entry
- 2.- Graphic Display
- 3.- Coins entry
- 4.- Door lock
- 5.- Optional Cards/Keys reader entry
- 6.- Selection and refund buttons
- 7.- Product collection output
- 8.- Refund output

Machine back

- 1.- On/Off switch
- 2.- Electric plug connection
- 3.- Ventilation grid
- 4.- Steam output
- 5.- Water entry



Interior of the machine



- 1.- Main Power switch (At the cabinet back)
- 2.- Coffee beans canisters
- 3.- Instant products canisters
- 4.- Cups columns
- 5.- Coin mechanism compartment
- 6.- Grind coffee dose unit
- 7.- Stirrers column
- 8.- Instant products mixer

- 9.- Sugar canister (At the back)
- 10.- Coffee beans Brewer
- 11.- Product collection tray
- 12.- Coin box
- 13.- Wastes bag position
- 14.- Spilled liquids deposit
- 15.- Space for self-feeding water deposits

Installation steps resume:

Installation steps of the machine:

- 1.- Near the final location unpack the machine, carefully remove it from the pallet, due the machine weigh and height is recommended to perform this operation between two persons.
- 2.- Level the machine, using the front adjustable paws we will be able to leave the machine levelled and without the wheels touching the floor so it can not be move pushing.
- 3.- Connect the machine to the water mains or install the self feeding kit.
- 4.- Push the machine to its final position and check is levelled, plug the machine to the electric main.
- 5.- Fill cups and stirrers.
- 6.- Place the wastes bag and make sure the wasted water deposit is on place, the wasted water pipe enters the deposit and the level float hang inside it.
- 7.- Turn on the machine so the water circuit starts filling up.
- 8.- Fill the products canisters.
- 9.- Place the product labels on the buttons.
- 10.- Program the prices
- 11.- Insert change in the coin mechanism.
- 12.- If necessary change product labels and doses adjustments.
- 13.- Wash the water circuit before leaving the machine working.

1. Desembalar el aparato del precinto y la película plástica, el palet, cerca de su ubicación final, retire el aparato del palet, debido al peso y altura del aparato se recomienda realizar esta operación entre dos personas.

2. Nivelar el aparato, utilizando las patas ajustables de la parte frontal, podremos dejar el aparato nivelado y sin que las ruedas toquen el suelo, así no se podrá mover empujando.

3. Conectar el aparato a las cañerías de agua o instalar el kit de autoalimentación.

4. Mover el aparato a su posición final y comprobar que está nivelado, conectar el aparato a la red eléctrica.

5. Rellenar los vasos y agitadores.

6. Colocar la bolsa de residuos y asegurarse de que el depósito de agua residual está en su lugar, la tubería de agua residual entra en el depósito y el flotador de nivel cuelga dentro de él.

7. Encender el aparato para que el circuito de agua comience a llenarse.

8. Rellenar los recipientes de productos.

9. Colocar las etiquetas de los productos en los botones.

10. Programar los precios.

11. Insertar monedas en el mecanismo.

12. Si es necesario, cambiar las etiquetas de los productos y los ajustes de dosis.

13. Limpiar el circuito de agua antes de dejar el aparato funcionando.



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Programming mode:

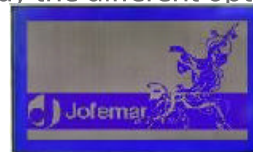
Elements of the programming system:

- 1.- Programming button
Press this button to get into the programming mode.
- 2.- Display
This element allows you to visualise the programming option that the machine is in and its status
- 3.- Front buttons, once on programming mode using these buttons we will move among the options and we will use them to edit the settings.

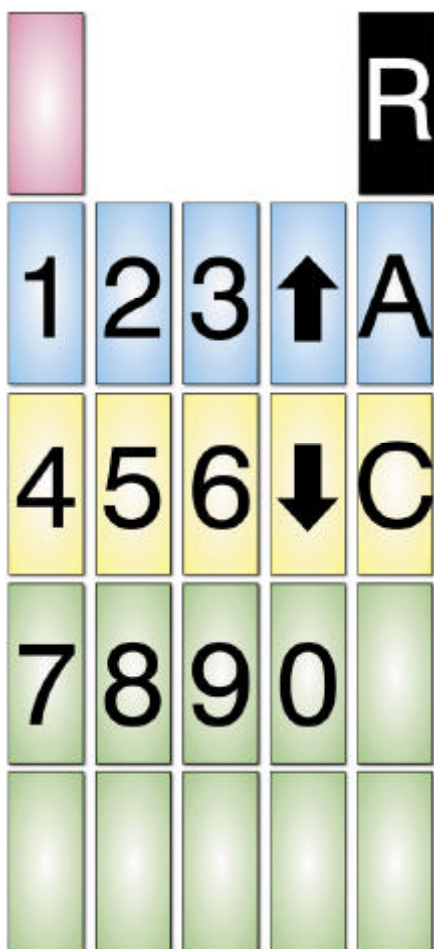




XXXXXXXXXX
 XXXXXXXX X XX
 XXXXXXXX XX X
 XXXXXXXX XXXXX XX


XX XX XXXXXXXX X XX X XX XX XX
 will display the different options






Button functions on programming mode:



  Scroll among the programming options.

 Enter the option, edit its value or enter its sub-menu.

 Exit the menu or sub-menu, cancel the editing of an option.

 /  Numeric inserting of data.

If there is not an available water main, assembling the self feeding water tank

Perform this operation with the machine off.

Access the machine back, unscrew the back cover plate

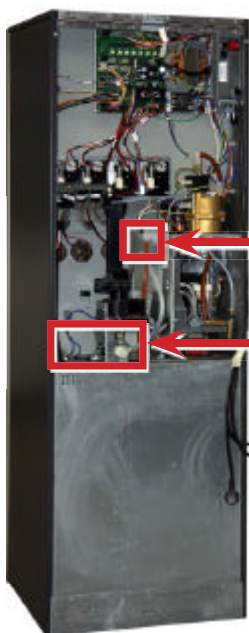
Remove the small plate from the position on which we will screw the rubbers to hang the pump, screw each of the rubbers on the holes to which previously was screw the plate, place rings between the rubber and the screws head.

Access the machine base and place the pump between the holding part of the rubbers, connect on the pump output the tube that comes with the self feeding kit, take that tube to the machine back by the hole for this purpose.

On the back of the machine disconnect the tube linking the original machine electro-valve to the air break, connect into the air break entrance the tube that comes from the pump.

On the machine base place the water deposit, connect the tube from the deposit to the pump water entrance.

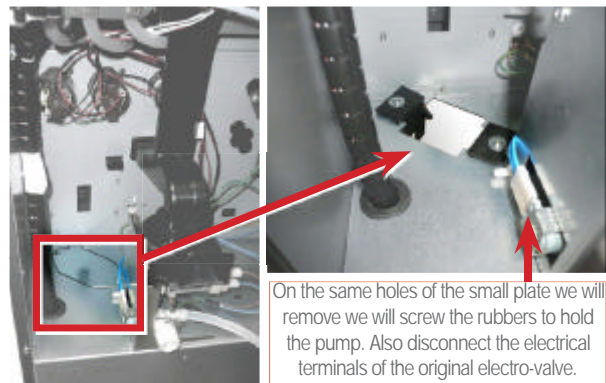
Disconnect the electrical terminals from the machine water entrance electro-valve and connect these terminals to the pump.



AirBreak water entrance position, disconnect the original tube and connect there the tube coming from the pump

Position to assemble the rubbers for holding the pump

Further details on the process to install the self feeding kit on the specific manual included on the kit.



On the same holes of the small plate we will remove we will screw the rubbers to hold the pump. Also disconnect the electrical terminals of the original electro-valve.



Place the pump between the rubbers holders accessing to them from the machine front base



Connect the tube included on the kit to the pump output, take it by the hole to the machine back where the AirBreak is located



Place the water tank on the machine base, connect the tube on the pump water entrance.



Disconnect the tube which links the original electro-valve to the AirBreak entrance, and on the AirBreak entrance connect the tube coming from the pump.



On the pump of the pump we will find its electrical connection, connect there the terminals which previously were connected to the machine electro-valve.

Fill product canisters

The canister are filled dropping the products by its top. Each canister is labelled with the correct product to dispense depending on how the machine has been set.

Coffee beans canister has a moving led, we will need to release it so the beans can fall to the brewing unit.

Sugar canister is placed behind the cups/ stirrers unit



XXXXXXXXXX XXXXXXXX
 XXXXXXXXXX XXXXX XX
 XXX XXXXXX XXXXXXXX
 X XXX XXXX XXX XXXXX
 XXX XXX XX XXXXXXXXXX
 XXXXXXXXXX X XXXXXXXX

Place the waste bag

At the machine base we will find a funnel with a metal ring.

Moving it up we will be able to extract it from its position.

Pressing the ring sides we will be able to remove it from the funnel.

Once out we will place the wastes bag opening inside the ring

Then we will insert the funnel inside the opening of the wastes bag and the ring on its original position.

Place back the funnel on the machine now with the wastes bag hanging.



XXXXXXXXXX XXXXX
 XXXXXXXXXX XXXX XX
 XXXXXXXXXX XXX
 XXXXXX XXX



XX XX XX XX
 XXXXXX XX
 XXX XXXXX
 XXX XXXXX
 XXX XXXXX
 XXX XXXXX
 XXX



Place the products labels

Access the internal part of the buttons using the latch of its cover.

Insert the labels by the top part of each button.

If there is any doubt we are placing the correct label press the button on vend mode and the machine will inform you of the product linked to it.

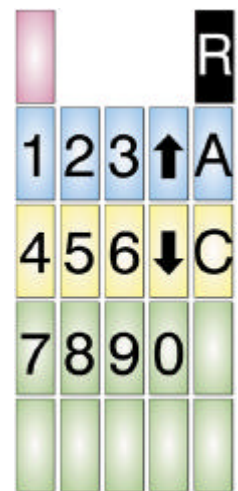
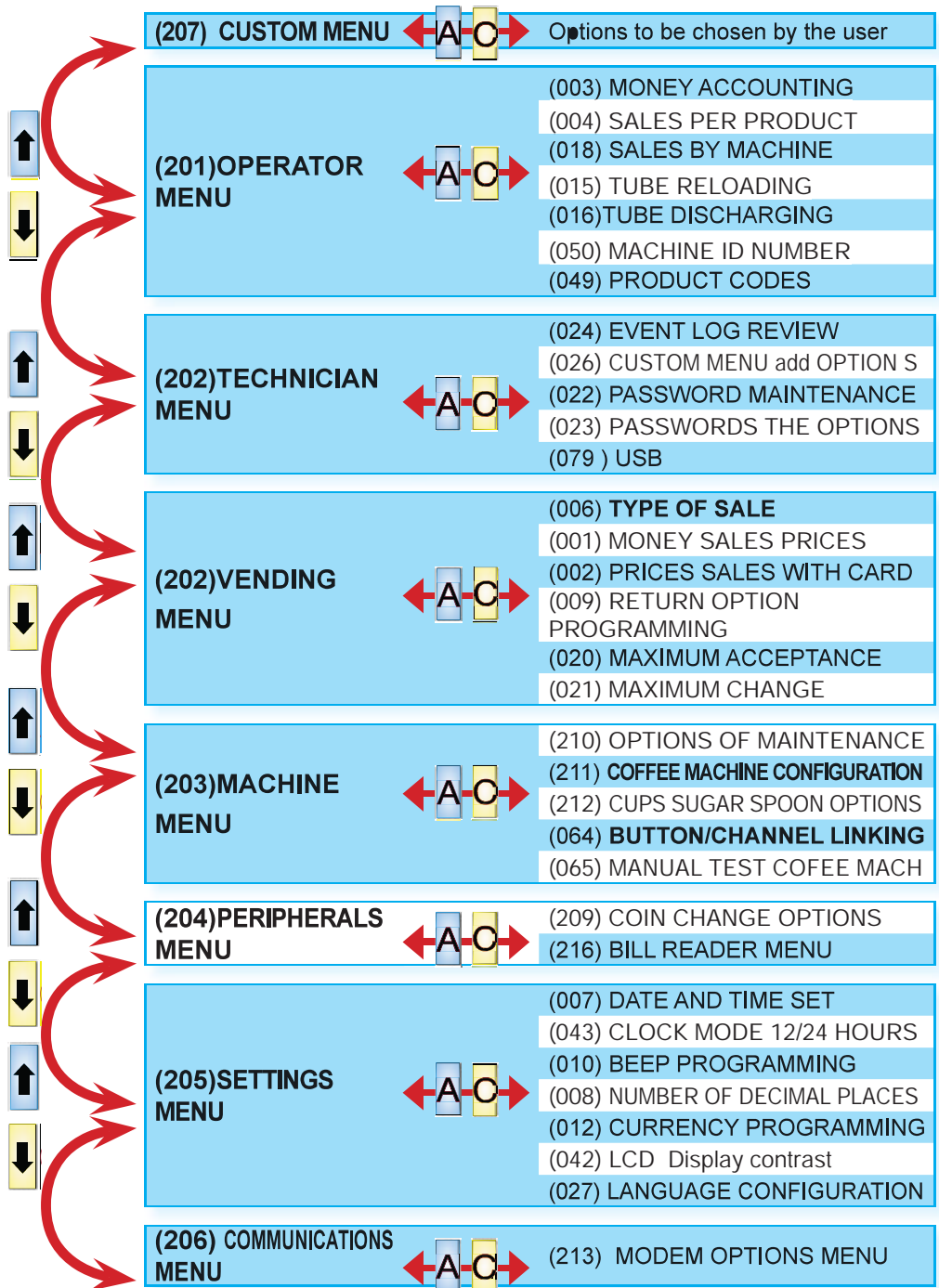


XXXXXXXX X
 XXXXXXXX XXX
 XXXXX XXXXX
 XXXXXXXXXX XXX
 XXXXX XX
 XXXXXXXXXX X
 XXXXXXXX XXX
 XXXXXXXX



Programming map:

MAIN MENU:



Language selection: (Spanish by default)

Scroll through the programming options until you

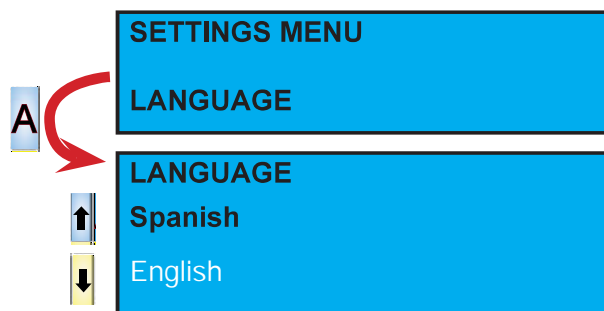
UHFKRSMRQ6(77,1*60(18μDOGSUHW A

6FURQURXJKWHRSVRQXOMD\$1*8\$(
&21),*85\$7,21μDOGSUHW A

Scroll until reaching the correct one and press A to confirm.

7KHODP HRI WHSURGXFW ZRQVH

changed, to change these names you will need to inject a doses file set on the correct language or edit the name of the product. (Machine Menu>Cups Sugar Spoon and product name)



Set the clock:

Scroll through the programming options until you reach SETTINGS MENUμ and press A

Scroll through the options until DATE AND TIME SETμ and press A

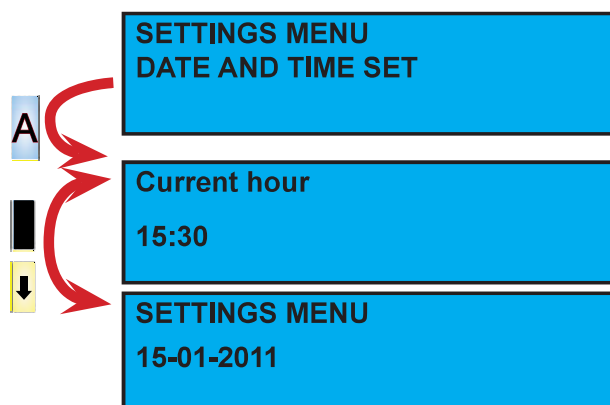
Using buttons ↑↓ we will change among changing the date or changing the hour.

Pressing A we will change to edit mode for date or hour.

With buttons ←→ we will move among the digits .

With buttons ↑↓ we will edit the selected digit.

Once the date or the hour is correct pressing A the data will be recorded.



Pricing the selections:

Scroll through the programming options
 XOMD(1' ,1* 0(18μHOMUDG VHOFW
 '35.&(6)25 9(1' : .7+021(and
 press **A**

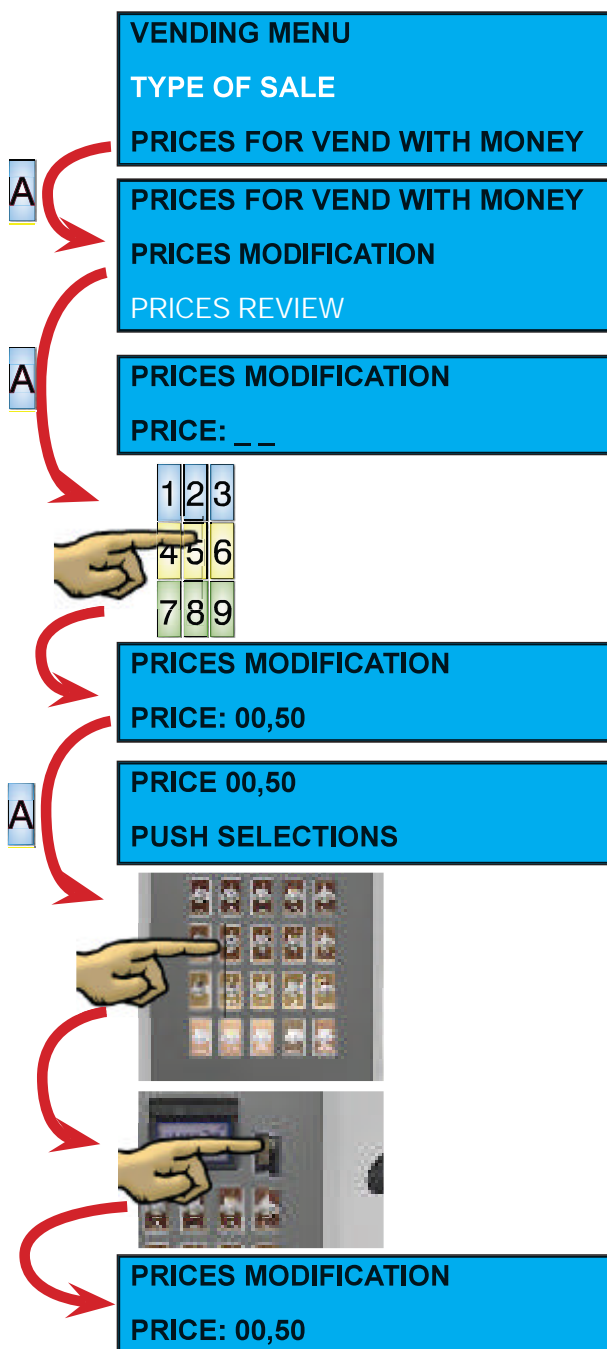
6FURDURXJK W HRSWRCV XOMD35,&(6
 02' ,),&\$7,21 μDQGSUHW **A**

At this point we will be asked to enter a price, we'll do that using the key pad as numeric, when we have the desired price press **A**.

\$WLV SRLOMHP DFKLOHZ H OVN XVWR
 '386 + 6(/ (&7,216 μZ HZ LOUHW DO
 the buttons which needs to vend under
 the price entered before.

Once we have pressed all the buttons with the same price press **A** to record it.

At this moment the display will ask us to introduce a new price, we can follow the same process to establish a new price for certain selections or we can exit the option pressing **C**



Review and resetting faults on the machine:

Whenever the machine door is opened if the machine has any type of error on a component it will be shown on display and the red led will blink.

At this moment we can proceed to erase it entering programming mode

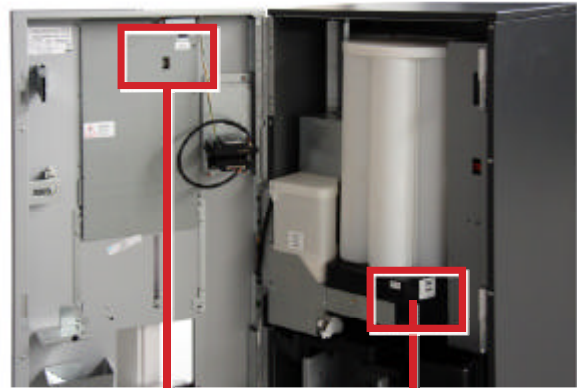
Washing the water circuit

Press the programming button on the machine door back.

Press the cups extraction button on cups roulette base.

On this moment the pump will start working and water will flow by all the machines electro-valves cleaning this way all the water circuit.

Its recommended to perform this operation at least 5 times the first time the machine is placed



XXXXXXXXXX X XXXX
 XXXXXXXX X XXXXXXXX X
 cleaning press first
 XXXX XXXXXXXX

XXXXXXXXXXXXXXXXXXXXXXXX
 XXXXX XXX XXXXXXXXXX X
 XXXXXXXX X XXXXXXX XXXXXXXX
 XXXXXXXX X XXXXXXXXXX X X
 XXXXXXXX X XXXXXXXX

Draining the water circuit

The machine comes out of factory with its water circuit empty, if the machine is transported or stored is convenient to empty the water circuit to avoid water inside the machine getting frozen.

The water circuit will be drain through two points:

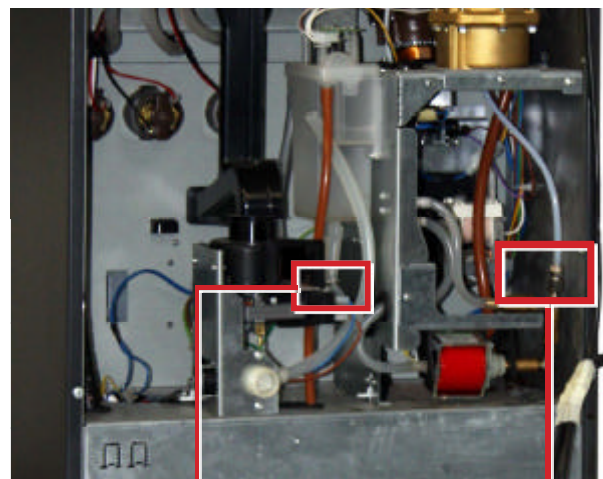
AirBreak, just releasing the metal clip from the tube which is on its base the water will go to the spilled liquids deposit.

Boiler, unscrew the lower join from the tube which comes from the boiler base. Its recommended to place some deposit for the water of the boiler. To finish the drain it will be necessary to enter into programming:

Scroll through the programming options
 XOMD \$&+,1(0 (1 8 μ and press A

6 FURXJK W HRSWRC / XOMD \$ 1 8 \$ /
 7 (6 7 & 2)) ((0 \$ & + , 1 (μ D G S U H M A

A list of all machine elements will appear,
 R W H O V S O F H I V : D M U E R L O I G U D I Q μ
 press A.



XXXXXXXXXX XXXX
 X XXXXXXXX X X X X
 XXX XXXXXXXX

XXXXXXXXXXXXXXXXXXXX
 X X XXXXXXXXXXXXXXXX
 XX XX XX XXXXXXXXXX XX
 XXXXXXXX X X XXXXXXXX
 XXXXXXXX X XXX X XXX
 XXX XXXXXXX

Change the product linked to a button:

Scroll through the programming options
 XCMO \$&+,1(0(18μHOMUDGVHDFW
 %877216 &+\$11(/ /,1. ,1* and
 press **A**

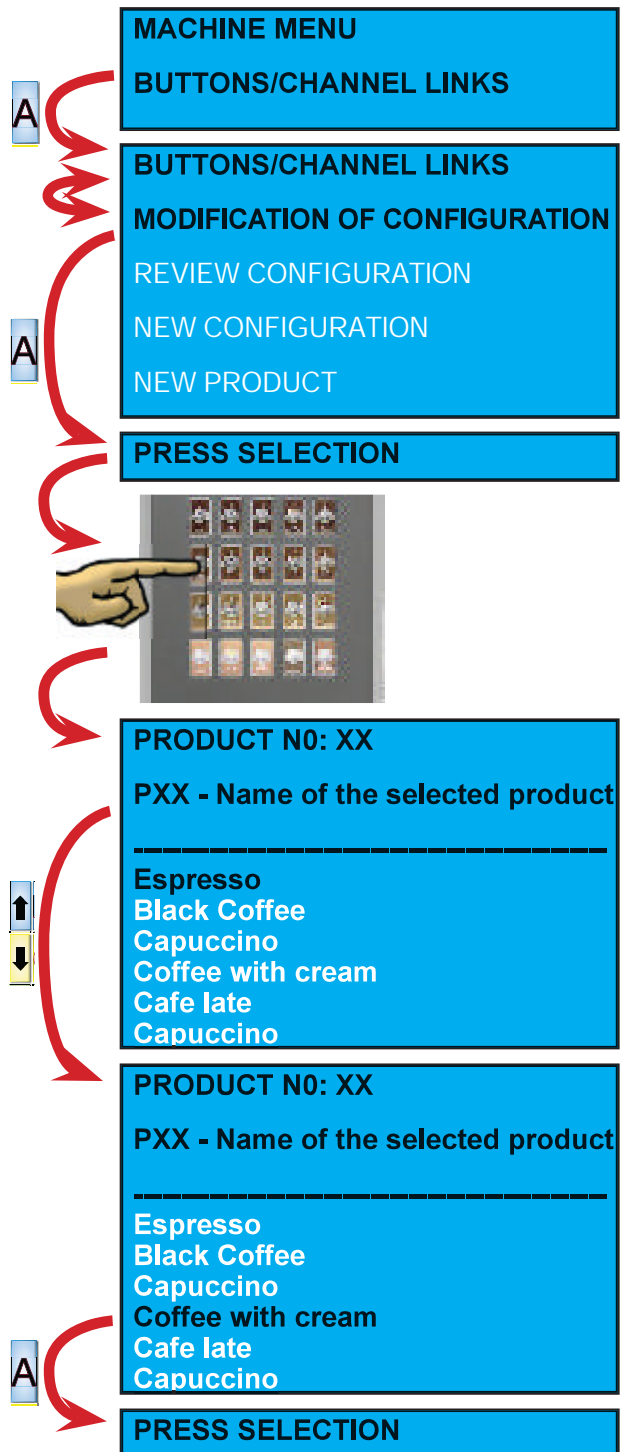
Scroll through the options until
 `02'),.&\$7.21 2) &21),*85\$7.21
 and press **A**

At this point we will be asked to press
 a selection, we will press the button to
 which we want to assign a new product

The display will show the selection
 statistical number, the channels with
 that very same product and the name
 of the product, beneath this information
 the display will show the list of available
 products, using **↑↓** we can select a new
 product to be link to that button, pressing
A the product will be recorded.

After every product is linked we will be
 ask to press another selection to change
 its product linked.

To exit this option press again **P**



Product N0 is the statistical number of that product
 P is the buttons linked to that selection

Modify a product dosage

Scroll through the programming options
 XOMRX UHDFK '0 \$&+,1(0 (18µDOG
 press **A**

Scroll through the options until
 '6(/(&7,21 ' 26('\$' -8670 (17µnd
 press **A**

The list of available products will be shown on display, using **↑↓** we can scroll among them, pressing **A** we will enter to modify the selected product dosage.

The first menu will give us opportunity to enter to modify the dosage of the different elements composing the product (the different instant powders or espresso coffee), test the product, exit without saving changes or exit saving the changes, using **↑↓** we can move among the options and pressing **A** we select the option, to enter the product dosage select the element to be modified.

The doses changes menu will give us the following options to be modified:

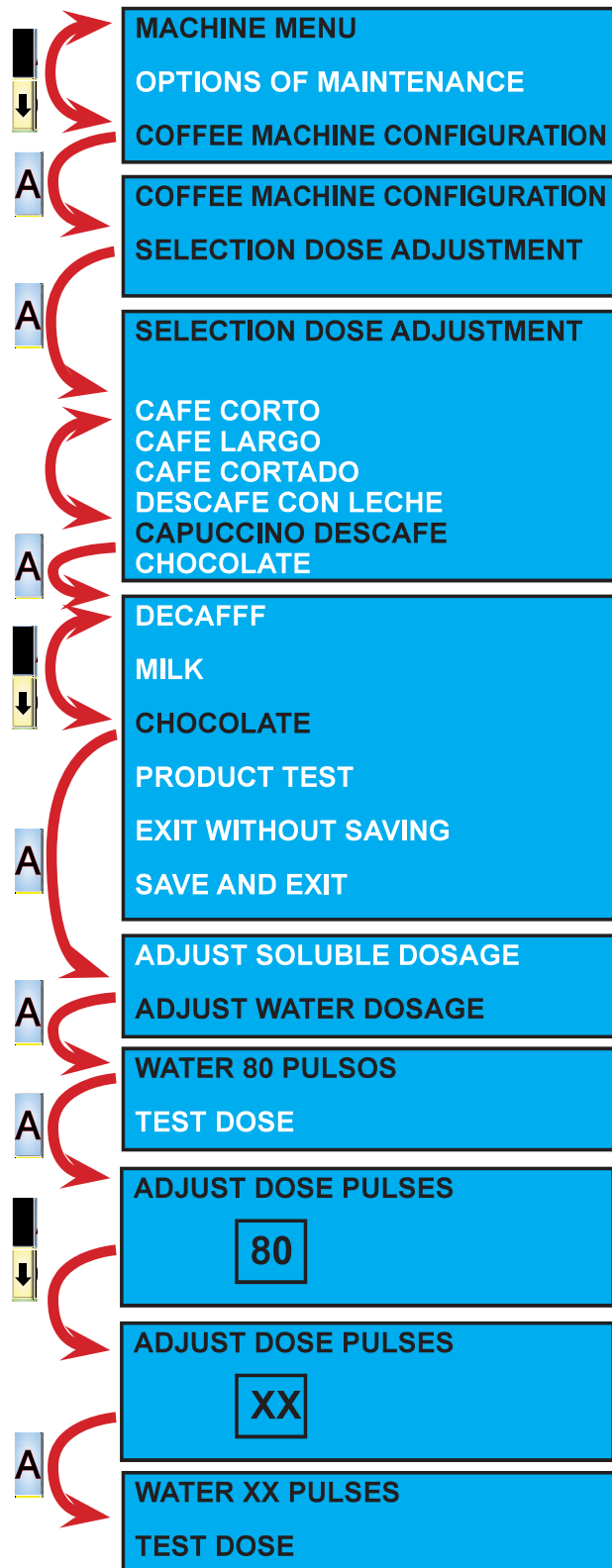
- Adjust water dosage
- Adjust instant product dosage (this is not shown on espresso coffee)

With **↑↓** we will select the element to modify and pressing **A** we will be able to enter it.

The modifying menu will show us the number of programmed pulses for the water (pulses given by the volumetric counter) or the turns programmed for the product canister spring.

Using **↑↓** we will be able to modify them, when we have set the desired data we press **A**, this will return us to the previous screen, and test the product or go back to select another device.

When we have made all the changes
 VHDFV ; ,7 6\$9,1* &+\$1*(6µ



Load of the coin changer:

First load of the coin changer J-2000:

If the tubes of the coin changer are totally empty, do the first initial load:

Press once button 1 of the coin changer to get to option 25 and insert coins in this order(*)

- Three coins for tube 2
- Three coins for tube 3
- Three coins for tube 4
- Three coins for tube 1
- Three coins for tube 5

Important notes:

- Every time you introduce three coins for one tube, the slide will move: Wait until it stops and then proceed with the next tube.

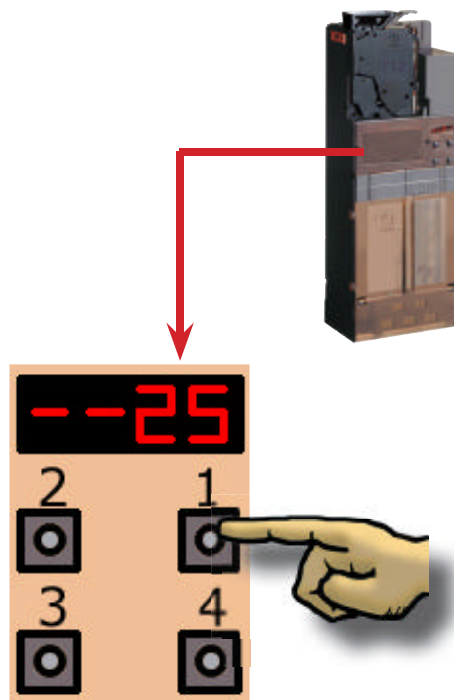
- The coin changer will get out of programming mode after the last coin is inserted. If this happens without completing the first initial reload, go back to option 25 and finish the reload.

2 CFH\ RX·YHGROHWIILWGD\ RX P D
 reload the tubes in any order.

After reloads through the machine (recommended):

6 FURON RSWRO´ μRI WHP DFKICH
 SURJUDP P LOJ 5 HBDGRI & KDQJ H7XEHM
 and insert coins in any order

Pressing buttons 1 to 5 will show you the value of the coin and how many coins there are in that tube.



Insert three coins in the correct order to each tube

Reloading of change tubes



(*) The combination of change of the coin changer and order of the first load you may consulted in the manual of the coin changer J-2000.

Checking and resetting faults on the coin mechanism

Functioning of the coin changer programming:

Button 1:

To go into programming mode and scroll through the options

Button 2:

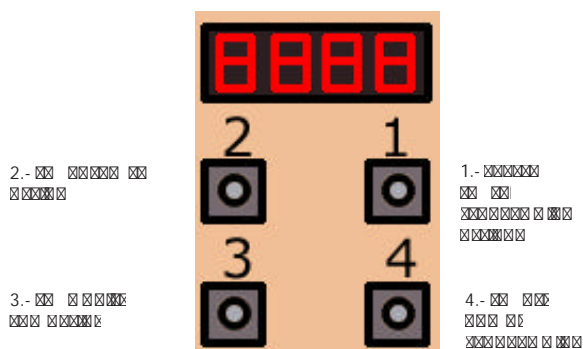
To get into a specific option and go through its different fields.

Button 3:

To consult that option or modify the data of that option.

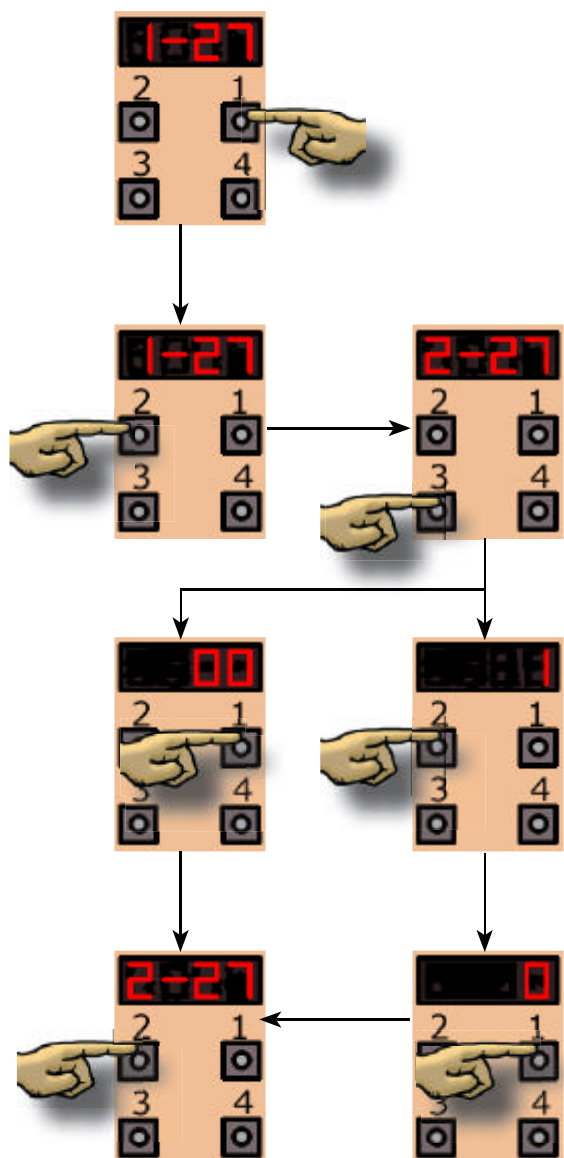
Button 4:

To get out of the programming



Checking and resetting faults:

- 1.- Press button 1 until you get to option 27
- 2.- Press button 2 to see all the fields of option 27
- 3.- On each field press button 3
- 4.- In case another number different than 0 appears on the display of the coin changer, it will be necessary to press button 2 to reset the faults
- 5.- To get back into the field that you were in before press button 3, press button 1 and continue with the checking



Recommended cleaning:

Clean daily or very frequently with a lightly damp cloth and not using cleaning products the following parts:

- Containers output chutes
- Product collection tray.
- Product wipers (disassemble them to clean them more easily)

Clean the rest of the machine periodically (weekly is recommended) using a soft cleaning product diluted on a lot of water.

Always check the ventilation entrance grid and the steam output grid and remove any element blocking them.

For the cleaning of machine parts in contact with food it is required the use of chlorinated products based in linear alkybenzene sulfonate (LAS) and Branched Chain Sulfonate (ABS). Several cleaning products contains this composition, check its label to make sure it accomplish this specification.

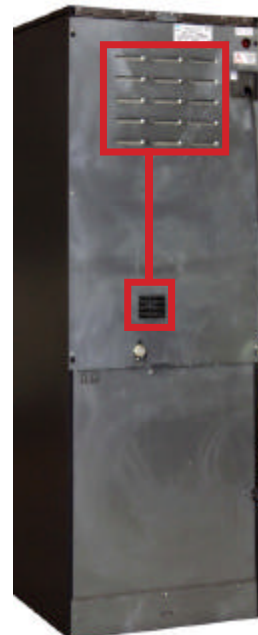
Do not clean the machine with a water jet.

On general maintain our machines clean and on good conditions will increase its working life besides obtaining fidelity from the users and a better performance.



Canisters output, mixers, collection tray and spilled liquids tray and deposit, its recommended to clean them everyday with a damp cloth, not using any detergent.

The rest of the machine is recommended to clean it once a week using a mild cleaning product.



Maintain all ways the steam output and the ventilation grid free from any obstacle.

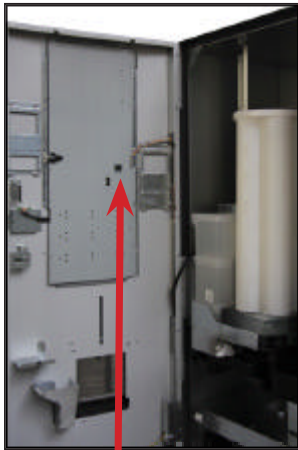
WARNING!

Read the following instructions carefully before installing the unit:

- ◇ Take the machine down from the pallet and remove the metal chucks to place it on the floor before opening and removing the packaging.
- ◇ When discarding packaging material or an old machine, please consult about recycling.
- ◇ Before connecting to mains, make sure that the power supply characteristics coincide with those of the machine.
- ◇ The power cable plug should be installed so the machine can be easily disconnected from mains.
- ◇ If the power cable is damaged, it should be replaced by the manufacturer or after sales service or similar qualified personnel to prevent hazards.
- ◇ Place a rubber protection around the power cable in the slot of the lid of the cable winding recess.
- ◇ Do not burn or throw away the battery. Batteries should be disposed of in accordance with local laws and regulations and can be recycled.
- ◇ Protect the machine against humidity, dust, dirt, etc. You should particularly avoid any obstruction of the ventilation grilles.
- ◇ Do not clean the machine with concentrated products as they may attack the paint and alter the colour.
- ◇ Frequent cleaning, can prevent breakdowns and extend the machine's life.
- ◇ The machine should be installed in a vertical position, both laterally and back to front, with a maximum inclination of 5% (~2°).
- ◇ The machine can be used by children over 8 years old and by people with reduced physical, sensitive or mental capabilities or with the lack of experience or knowledge, if the proper supervision or instructions regarding the proper use of the machine has been provided and understand the hazards involved. Children must not play with the device. The cleaning and maintenance to be done by the user must not be done by unsupervised children.
- ◇ Access to servicing area should only be permitted to persons with a knowledge of and practical experience in the machine, particularly with regard to health and safety.
- ◇ Do not reuse pipes or tubes, always use the ones from the machines or the ones which comes with the self-feeding kits.
- ◇ As this device can be optionally connected to the water supply network, the accessories used to do so must fulfil the legal requirements of the country where it is placed.
- ◇ If you need to replace the power supply cable, please replace it with the appropriate one for your country:

Argentina, Jofemar code 5500014.
Australia, Jofemar code 5500006.
Spain (STANDARD), Jofemar code 5500000.
UK, Jofemar code 5500011.
Switzerland, Jofemar code 5500004.
USA, Jofemar code 5500010.

Programming resume

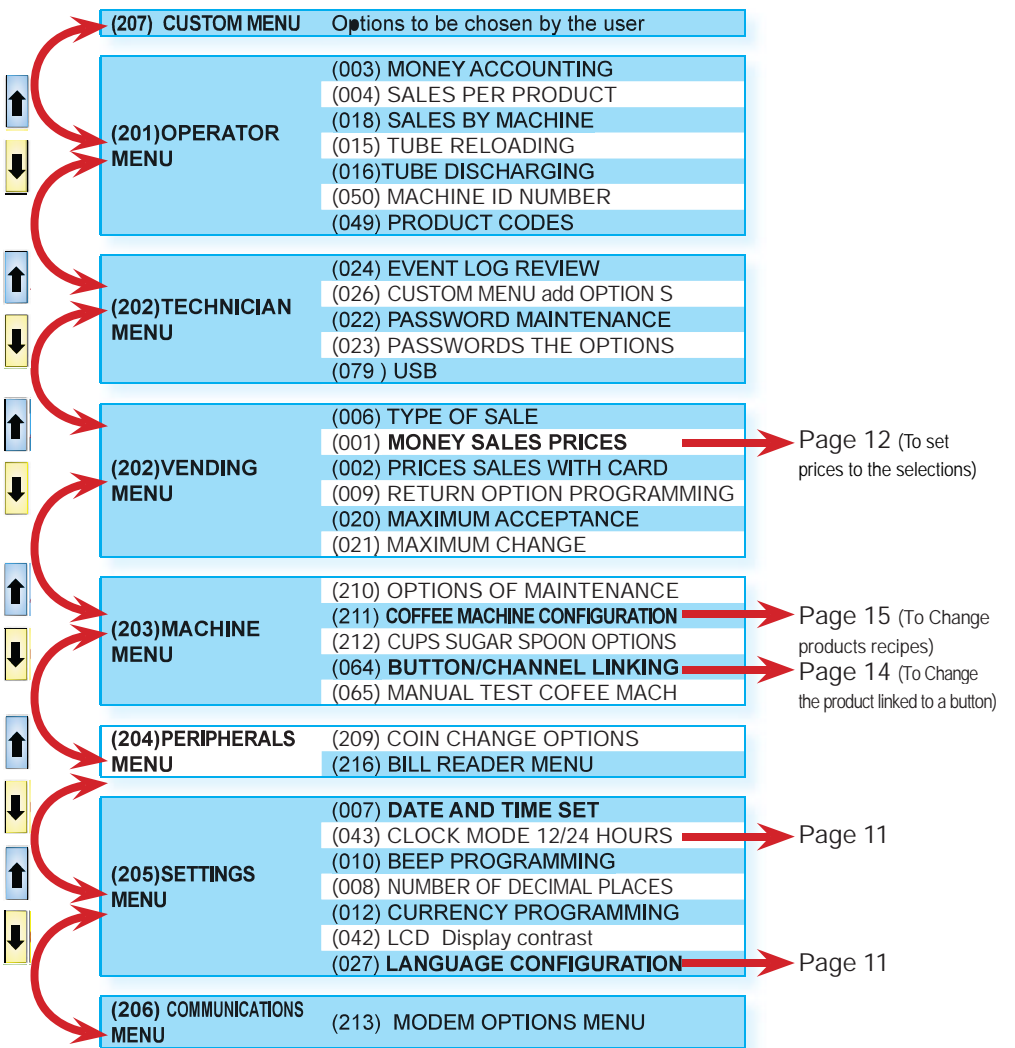


Detail of the programming button on the interior of the door use it to access to programming mode, once pressed we can work using the front pad:



- Scroll among the programming options.
- Enter the option, edit its value or enter its sub-menu.
- Exit the menu or sub-menu, cancel the editing of an option.
- Numeric inserting of data.

MAIN MENU:



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