



User manual



CQ Future Combi automat

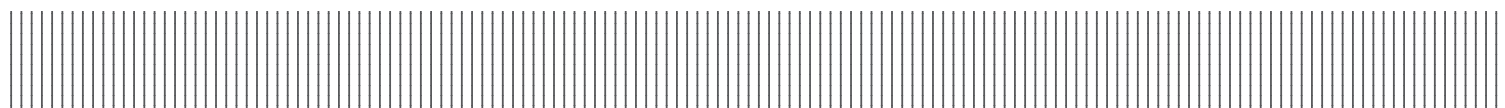
Your retail dealer

.....

.....

U_GB

Rev. 080822



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We congratulate to your choice of a CQ Future automat.

Please read this manual before you take the machine into operation for the first time.
The manual contains important instructions for a safe and proper use of the machine.

Always keep this manual within reach for the user!

CQ Future Combi automat

- Making coffee cup by cup
- Jug facility with key switch
- 8 choices of drinks,
- 3 or 4 ingredients canisters,
- Brewing mechanism with coffee filter
- Electronically temperature controlled
- Adjustable coffee strength
- Illuminated cup while brewing
- Clock functions

Facts:

Future III / IV

Height	780mm	base cabinet 800mm
Width	420 mm	base cabinet 420mm
Depth	550 mm	base cabinet 460mm
Weight	35kg (emballage cá 4kg)	
Tankage	2.4 litre	
Electricity	230V/2200W	
Water connection	½"outside thread	

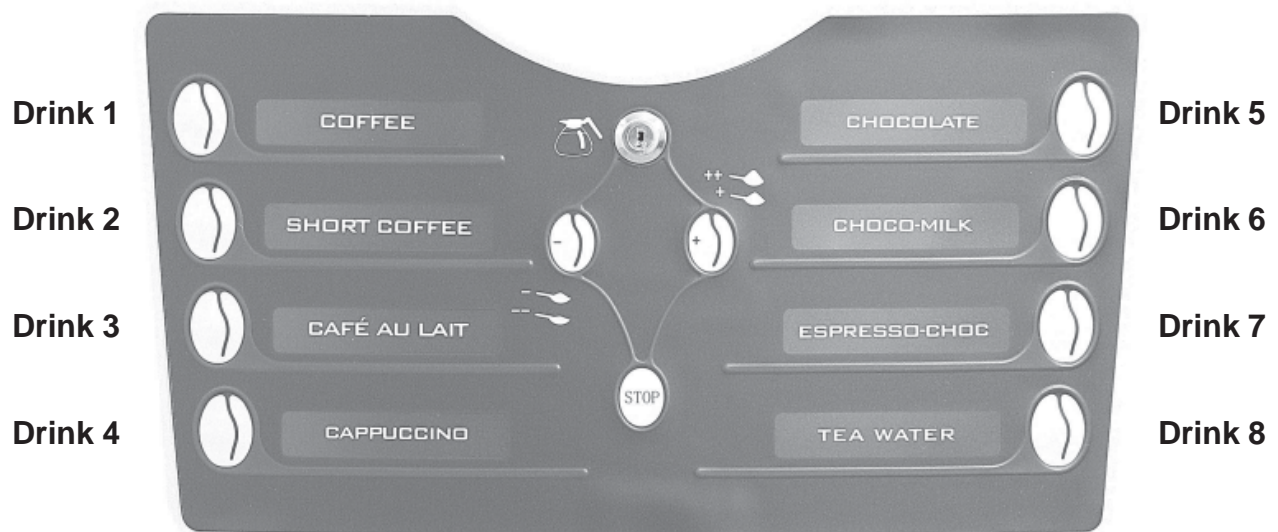
Capacity: Future III

Cups of coffee	200 cups/filling
Ingredients canisters	3 st. (coffee, chocolate, topping).

Capacity: Future IV

Cups of coffee	200 cups/filling
Ingredients canisters	3 st. (coffee, instant coffee, chocolate, topping).

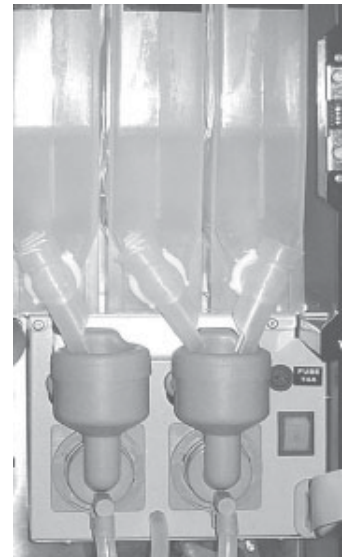
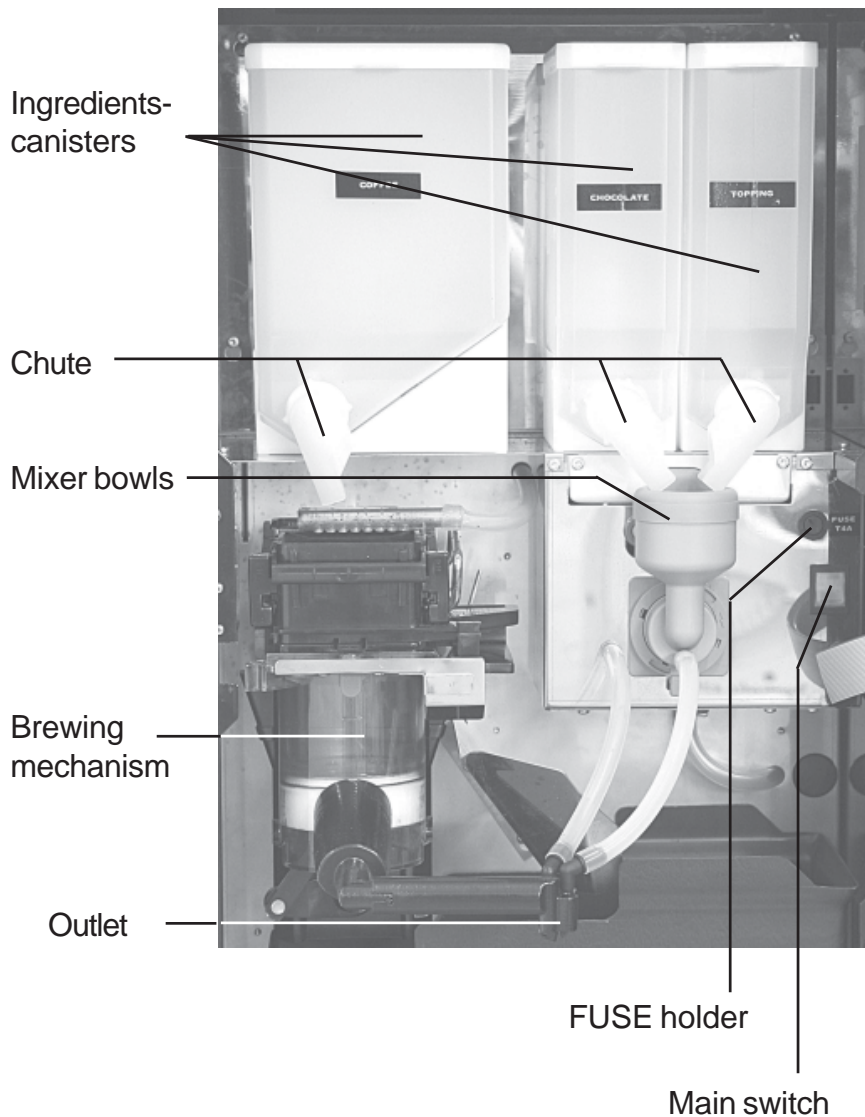
Membranswitch





3. Overview of components , mixer system

Future



FUTURE IV
2 mixer bowls

FUTURE III

Detail;	Ingredients;	Width;	Height;		Volume/litre;	Amount/unit
Canister;	coffee	160	250		5,3	1
Canister;	choco	78	250		-	1
Canister;	topping	78	250		-	1

FUTURE IV

Detail;	Ingredients;	Width;	Height;		Volume/litre;	Amount/unit
Canister;	coffee	160	250		5,3	1
Canister;	instant coffee	67	250		-	1
Canister;	choco	67	250		-	1
Canister;	topping	67	250		-	1

1. Place the machine on a flat level and waterproof surface.



Connect the electrical plug to a separate grounded wall socket 230V 10A.



OBSERVE!

Make sure there is a space behind the machine for free flow of air.(minimum 10cm).

2. Connect attached water tube to cold water with an R 1/2".
Make sure that the water hose not are kinked anywhere when machine is pushed into place.

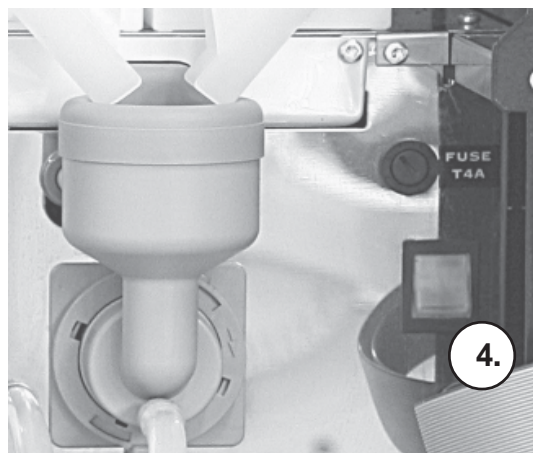
Please flush water tube before connecting it to machine, this to avoid any particles to damage the inlet valve.

3. Open the water inlet.
4. Turn on the switch inside the door.

Water is been filled into the tank automatically with 2,4 litres of water.
The heating will not start before the water level reaches the level sensor.

Set temperature is approx. 97°C.

5. Close door.

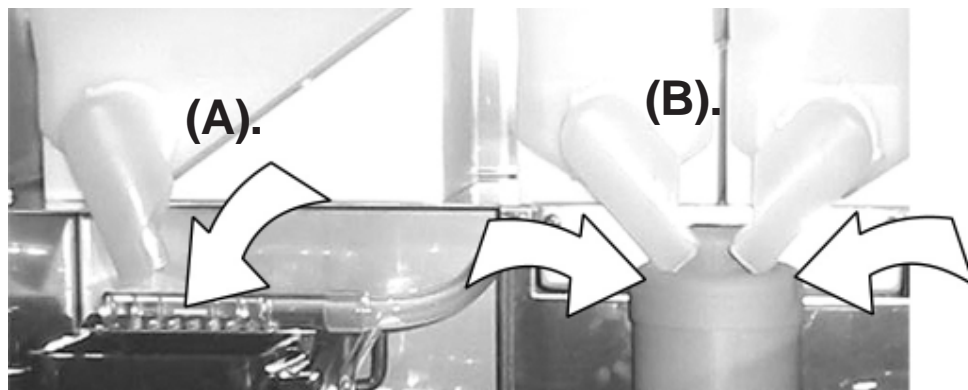


6. Fill canisters with ingredients.

Take out (this to avoid unnecessary spillage in the machine) ingredient canisters and fill them with ingredients.

**7. When placing the ingredient canisters;**

Make sure that the outlet pipes on the ingredient canisters are touching the steam traps (B) and that the coffee powder will fall into the centre of the brew mechanism (A).



When the water is heated up to right temperature

the text "**Low temp**" will disappear and the machine is ready to use.

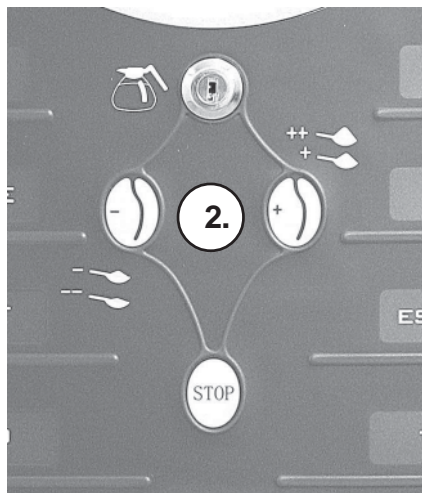
"Low temp"



1.

Brewing of coffe etc. in a cup

1. Place a cup in the centre of the cup holder.



2. The strength has a standard setting, if you wish to increase or decrease it, do as follows , if not continue to point 3.

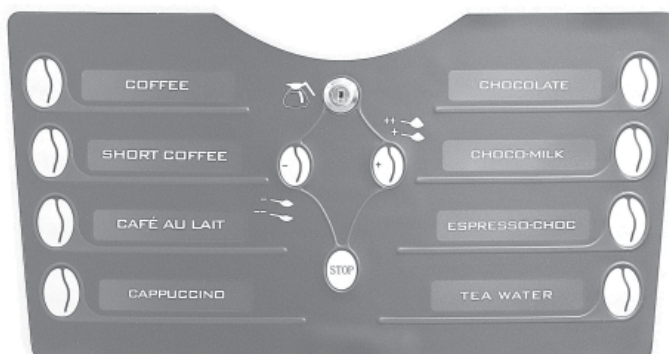
Stronger drink;

Increase by pushing + or ++ for 5% or 10% alternative

Weaker drink;

Decrease by pushing - or -- for 5% or 10%

(the indication lamp will go up or down depending of choice).



3. Choose drink by pushing the button of each menu
The display will show; "Please wait", and the light on the cup will light up.
4. Wait until the light on cup and the text "Please wait" has been turned off before you take your cup.
5. Enjoy your drink.

Brewing of jug.

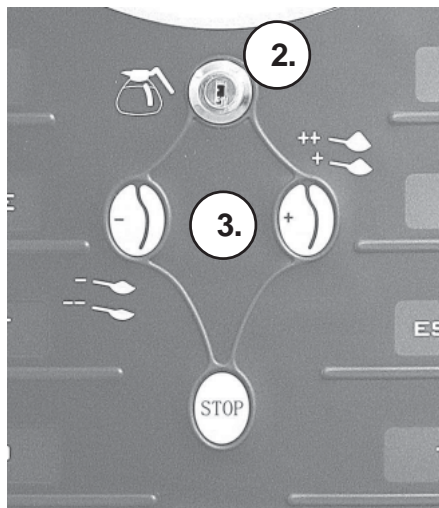
1. Place a jug in the centre of drip tray. (For jug 1,8L dismantle drip tray).



Serving pot 1, 8L:
art.nr. 110001



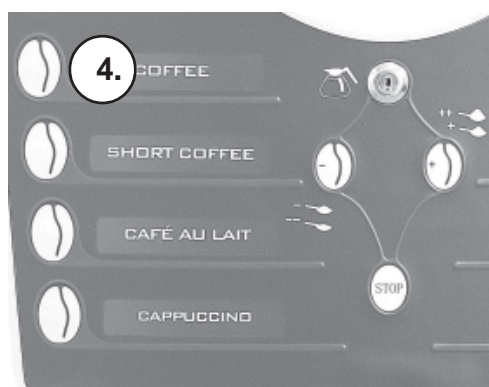
Serving pot 1,2L: art.nr. 1103091
Thermos pot 1L : art.nr. 1103251



2. Turn on the key with jug symbol clockwise.

3. 6 cups of brewing is standard settings,

Change amount of cups by pushing + or - button.
Optional up to 12 cups or down to 1 cup brewing.



4. Push button for drink 1.

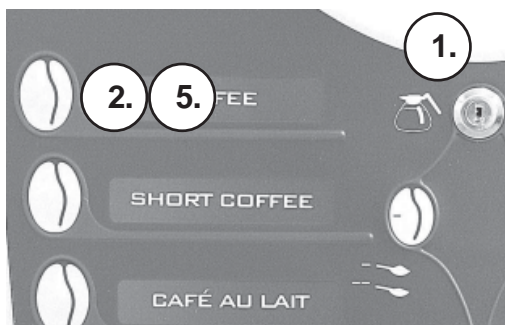
5. Wait until the light and text "Please wait" has been turned off before you take out the jug.

6. Serve a jug with good coffee.

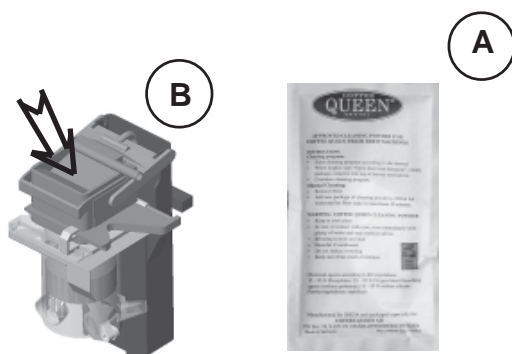
Automatic cleaning of brew mechanism, mixing bowl:

Should be done every week.

The brew mechanism can easily be cleaned with the key switch in "cup" (normal) position.



1. Turn the key slowly ninety degrees and back again.
2. **Push button for drink 1 for 6 seconds.**
After 4 seconds the signal will go faster.
3. After 6 seconds **The display shows;** "Open door"
"load detergent".
4. Fill 25gr detergent (A) (one portion bag) into the brew mechanism (B). (Detergent will be supplied from your retail dealer)



The display shows; "Close door"

The display shows; " When ready press key"
Place a jug into the drip tray.

5. **Push button for drink 1**

The display shows; "Cleaning mixer" (2....)

The display shows: "Rinsing coffee" "Soak time:"

The machine start to count down from 300 seconds.

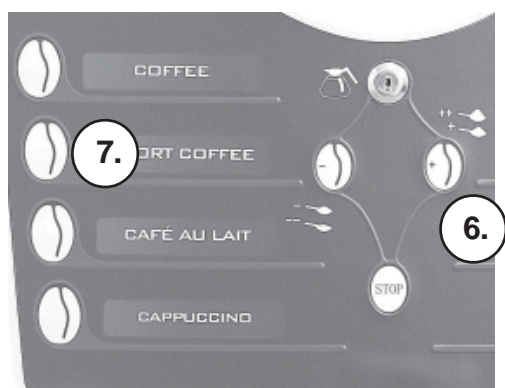
The display shows. "Brewer cycle" the machine is counting down.

To stop cleaning process: push "Stop" button. The brew mechanism will go back to start position.

NOTE! Don't stop the process when detergent has been loaded. Then the cleaning must be finished.

IMPORTANT! Dismantling and cleaning/washing brew house:

After the automatic cleaning program is finished. Clean brew house! This must be done, to make sure that you will remove residual detergents and coffee remains! **Do as follow in paragraph 10- 19. (See fig. 1,2,3,4 page12).**



If machine not will go back in start position. Restart machine.

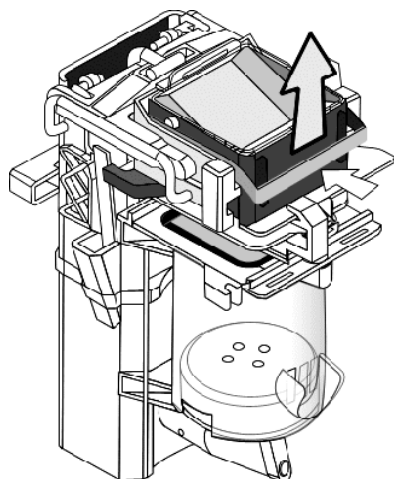
6. **Push "+" button in 6 seconds**

The display shows: "Change paper/Rotate" "Push E/ +"

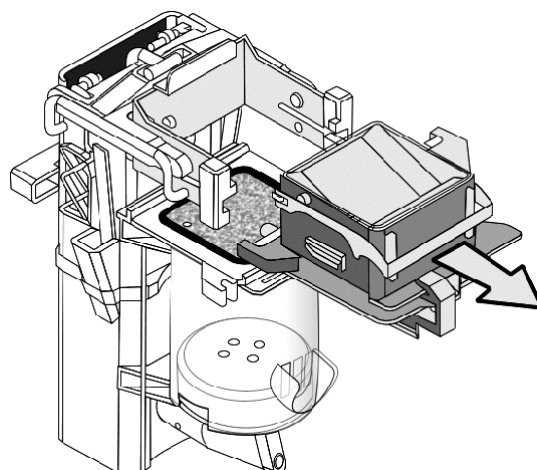
7. **Push button for drink 2.**
The display shows; "Preparing paperload".
8. The machine will rotate in position.
The display shows, "Change paper"
9. **Open door, dismantle, clean and reassemble brew house.**
page 12.
10. Close door.
11. Machine is ready to use again.
12. Take out a cup of coffee and waste it, just to make sure that there is nothing left of detergent.

Dismantling and cleaning/washing brew house:**Dismantle brew house:**

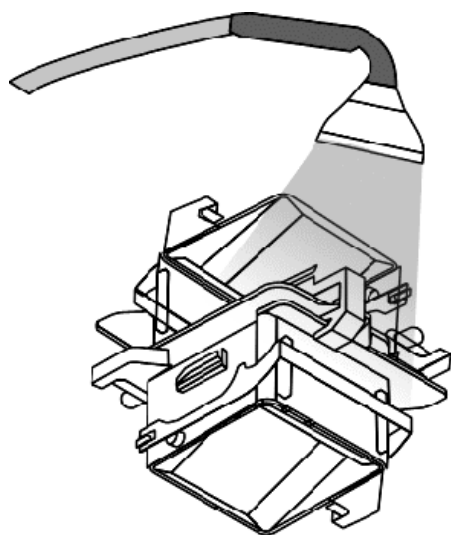
1.



2.

**3. Flush brew house!**

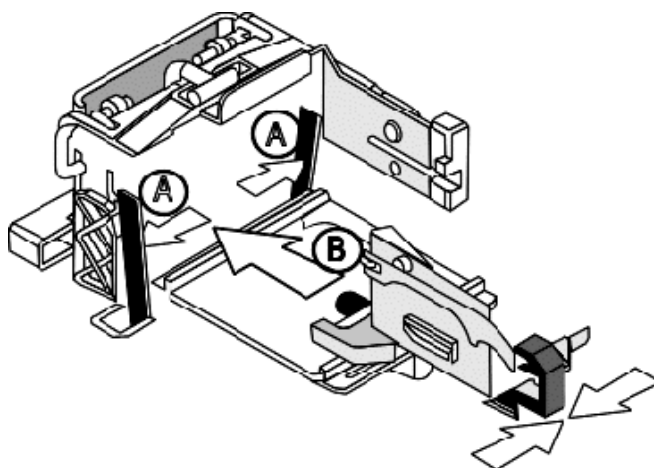
To remove detergent and coffee remnants.



4.

Reassemble brew house.

NOTE! When reassemble brew house make sure that (B) wiper are between (A) arms.



Weekly cleaning! Automatic cleaning of mixing bowls 2 or 3.

If you only wish to clean the mixer bowl and whipper house; Follow these instructions:



The mixer bowls can easily be cleaned with the key switch in "cup" (normal) position.

Automatic cleaning of mixer bowl No:2

1. **Place a jug in the drip tray.**
2. Turn the key (1) slowly ninety degrees and back again.
3. **Push button 3 for 6 seconds.**

After 4 seconds the signal will go faster.

After 6 seconds the mixer bowl and the whipper house no.2 starts to be cleaned for 5 seconds.

The display shows: "Cleaning 2".

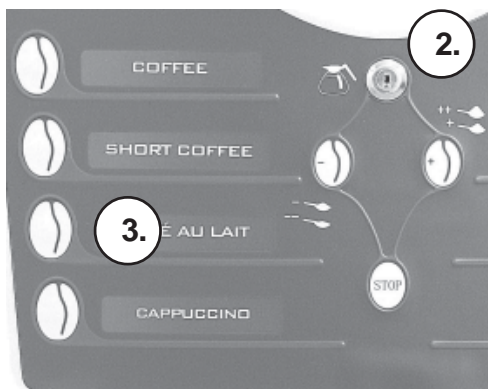
Automatic cleaning of mixer bowl No:3

1. **Place a jug in the drip tray.**
2. Turn the key slowly ninety degrees and back again.
3. **Push button 4 for 6 seconds.**

After 4 seconds the signal will go faster.

After 6 seconds the mixer bowl and the whipper house no.3 starts to be cleaned for 5 seconds.

The display shows: "Cleaning 3".



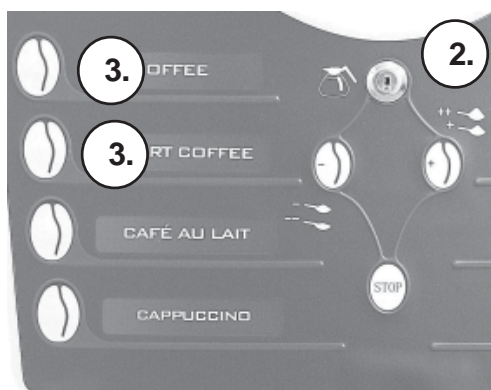
By cleaning means that water is flushed and whipper motor rotates.

Automatic cleaning of In/Outlet valves:

The In/Outlet valves can easily be cleaned with the key switch in "cup" (normal) position.



1. **Place a jug under the outlet.**
(dismantle drip tray).

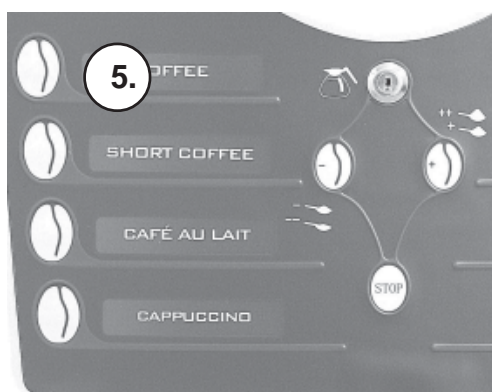


2. Turn the key slowly ninety degrees and back again.
3. **Push buttons for drinks 1 and 2 at the same time for 6 seconds.**

Hold the buttons.

4. All In/Outlet valves will now start to open and close with 2 pulses/second in 10 seconds or as long as you hold the buttons.

The display shows: "Cleaning valves".

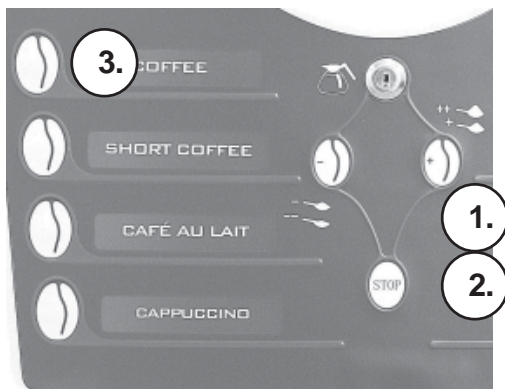


5. **Push button for drink 2** for making a brew cycle and flush remaining water and scale from the cleaning.

By cleaning is meant that valves "knocks" away eventual scale and other particles which has been attached in the cylinders and that they are flushed away with the water.

Rotate brew mechanism without water or ingredients:

The brew mechanism can be rotated without water and ingredients with the key switch in "cup" (normal) position. To be used when brew mechanism has been dismounted for washing and shall be remounted.



1. Push "+" button for 6 seconds

After 4 seconds the signal will go faster.

The display shows: "Change paper/Rotate"
"Push E/ +"

2. Push + button.

The display shows: "Rotate cycle without water".

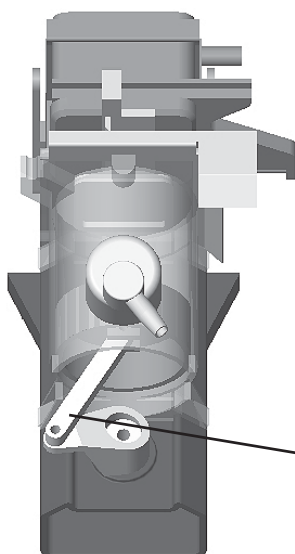
3. Push button for drink 2.

The display shows: "Rotate"

The brew mechanism rotate one turn without water and ingredients and the mechanism falls into position if it has been dismounted.

Observe! The push rod shall be in position "8 o'clock"

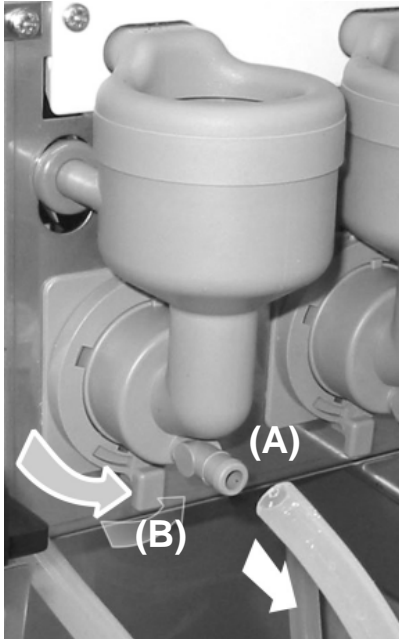
If not take out again and repeat the procedure.



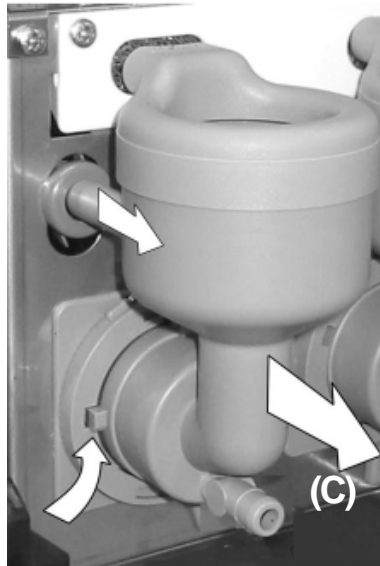
Eight (8) o'clock.

Dismantle : Mixer system

1. Loosen outlet hose (A) and turn lock knob (B) anti-clockwise.



2. Loosen mixer bowl. Pull apart (C).



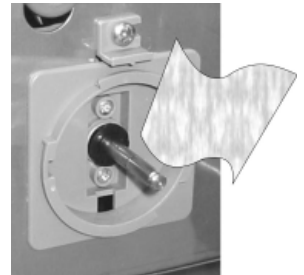
3. Loosen whipper (D) pull whipper straight out from the machine.



4. Turn lock knob anti-clockwise. (E) until it stops

**Cleaning**

5. Clean with a wet rag and drought drily.

**Wash these parts:**

6.

A. Mixer bowl



B. Steam trap



C. Whipper



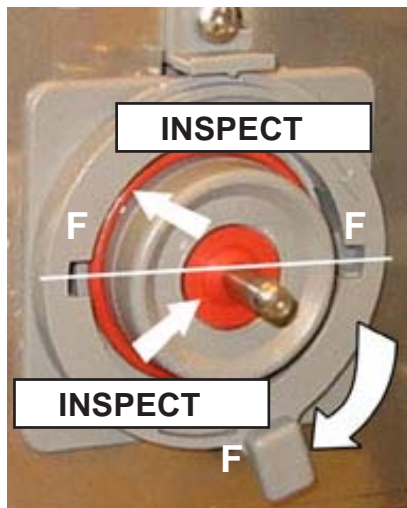
D. Assembly plate



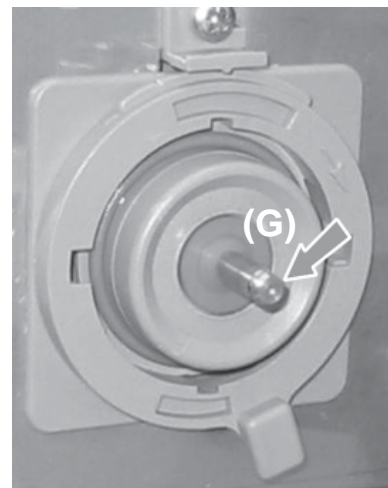
Make sure this parts are dry before use

REASSEMBLE: Mixer system

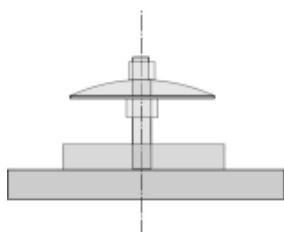
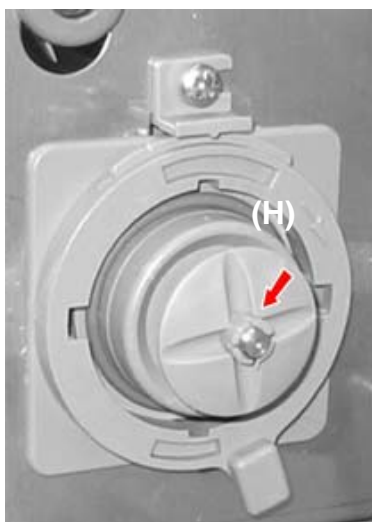
7. Reassemble the assembly plate by turning lock knob **(F)** clockwise. **INSPECT** gaskets.



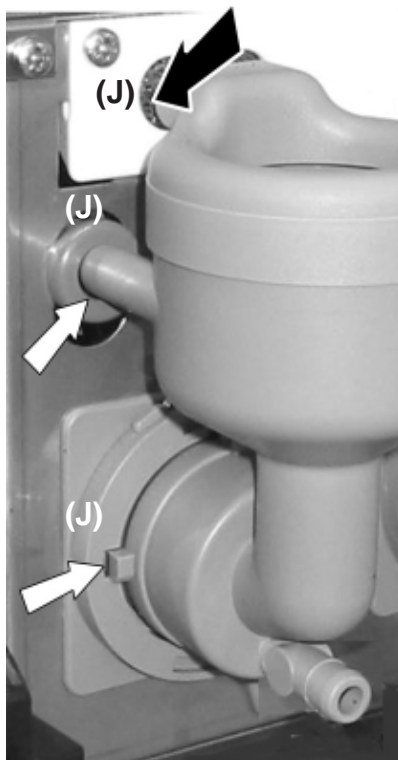
8. Make sure that the motor whippers plane side will be in accordance with the whippers plane side. see next **(G)** and picture **(H)**.



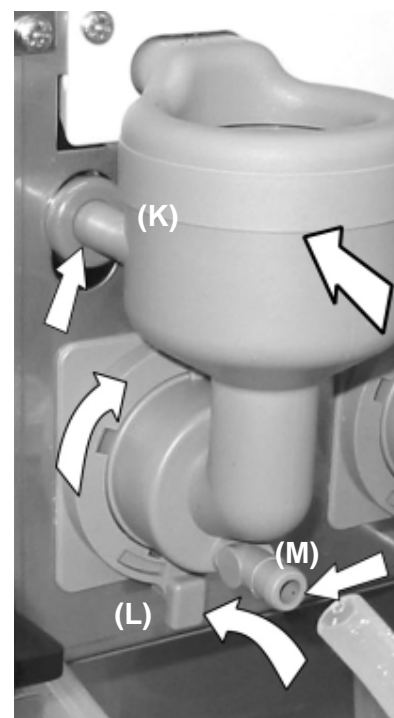
9. Assemble whipper, pull until you hear a clicking noise. **(H)**.



10. Assemble mixer bowl and steam trap **(J)** see picture.

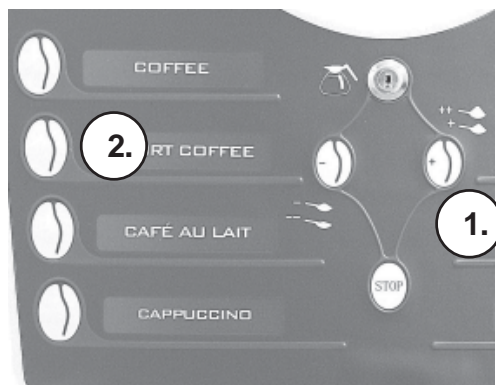


11. Easily push the mixer bowl towards, according to **(K)** and lock with lock knob **(L)**. Connect outlet hose **(M)**. **(NOTE!** make sure that all water hose are connected at right place



Dismantling; Cleaning or exchanging coffee filter.

A dismantling tool for coffee filter is included with the machine.



1. Push **" + button "** for 6 seconds.

After 6 seconds the display shows; "Change paper/ Rotate" "Push E/+".

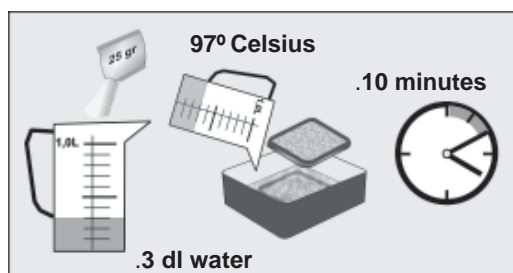
2. Push **button** for drink 2.

The display shows; "Preparing paperload".

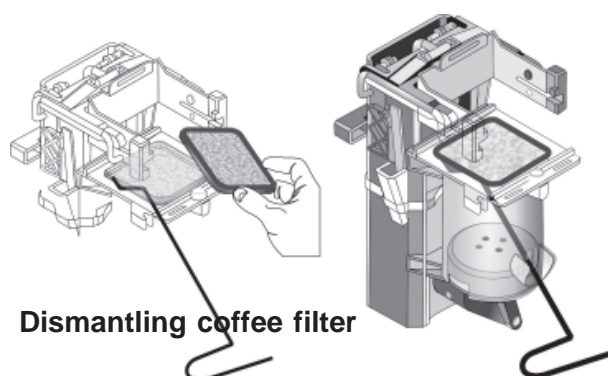
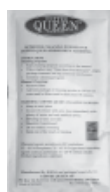
3. The machine will rotate in position.

Display shows, "Change paper"
open the door and insert the dismantling tool through the brewer spout all the way to the back of the cylinder, then slide it up until contact is made with the screen assembly. Push up on the rear of the screen assembly until it pops out of the cylinder.

4. Soak the screen assembly in a solution of 25gr. detergent in 3dl water for a maximum of 10 minutes.

Cleaning of coffee filter

4.



5. Remount the screen assembly and close the door. Then the machine will return to start position and the machine is ready for use.
If machine dont go back in start position. Restart machine!
6. Take out a cup of coffee and waste it just to make sure that there is nothing left of detergent.

Prolonged contact with detergent may damage the screen assembly. Once this is done, the screen should then be thoroughly rinsed with dish soap and warm water to remove any leftover residu

Cleaning agent: (brew mechanism)
Filter: (brew mechanism)
Tool: (dismantling filter)

Coffee Queen artikel nr **1104161**
Coffee Queen artikel nr **47200213**
Coffee Queen artikel nr **4720090**

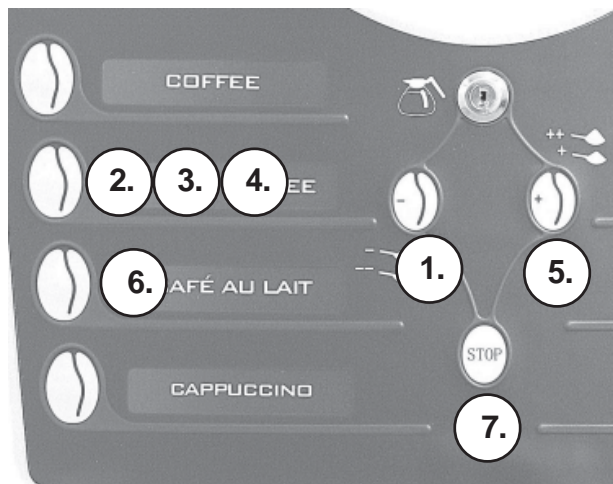
Outside cleaning;



Outside cleaning; use a soft rag and liquid cleaning agent that doesn't scratch.

Cup counter:

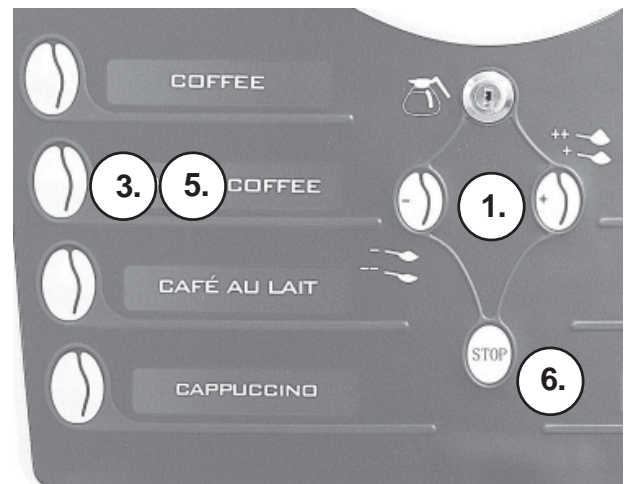
The machine has an in built cup counter which is available to see and reset with the key switch in "cup" (normal) position.



1. **Push "-" button for 6 seconds.**
After 4 seconds the signal will go faster..
The display shows: **"Total xxx cups"**
2. Push button for drink 2.
The display shows:
"Choice 1 free xxx cups"
3. Push button for drink 2.
The display shows
"Choice 1 coin xxx cups"
4. Push button for drink 2.
The display shows
"Choice 1 xxx cups in can"
5. Push "+" button to reach to "choice 2" etc.
6. Push choice 3 to reset the counter.
7. Push "Stop" button to go back to user mode.

Easy Access:

Volume and strength can be adjusted with $\pm 15\%$ with the key switch in "cup" (normal) position.



1. **Push "+" and "-" button at the same time.**
After 4 seconds the signal will go faster.
The display shows:
"Easy access" "strength 1 100%"
2. Choose the drink you want to change by pushing "+" or "-" button.
3. Push button for drink 2.
The display shows: for example.
Volume 4 and "Blinking 100%"
Change by pushing "+" or "-" button.
4. Push button for drink 2 to confirm the change.
Press "stop" to go back to user mode.

10. Safety functions.

Future

The machine is equipped with following safety functions

1. Indication of door
Door not closed
The display shows; "Door open"
2. When machine is not in use:
Valves are blocked.

"Door open"

11. Failure messages.

Failure messages which can mostly be corrected without any help from service company

1. The display shows; "Blocked" "Water level low"
**Please check incoming water connection
Turn off the machine with the main switch
wait for 10 sec. and turn on again.**
2. The display shows normal: but no drink is coming.
Possible cause of failure:
Mechanical stop in the ingredients canisters or whipper.

"Blocked"

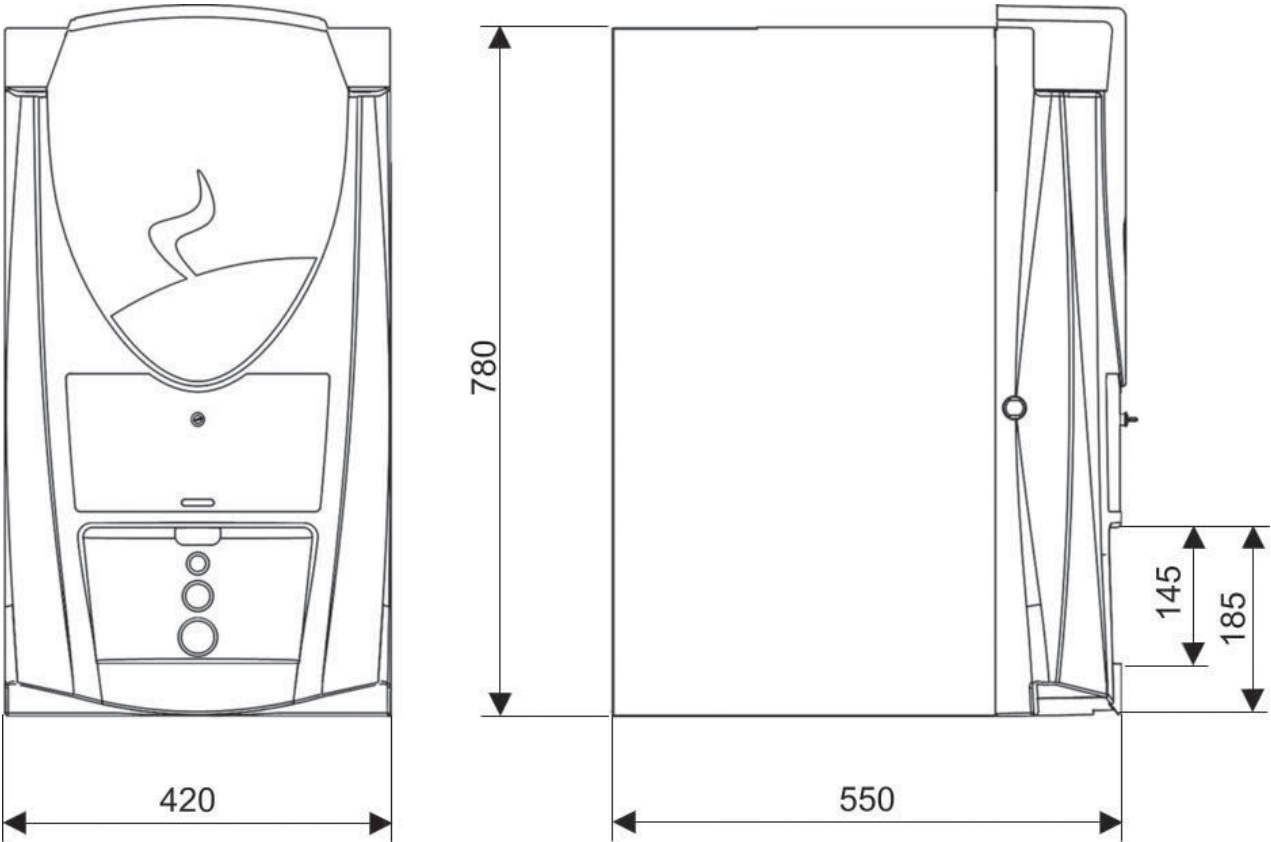
Measure: Try to find the cause of failure. Clean the mixer system and try again.

12. Storage / Transport.

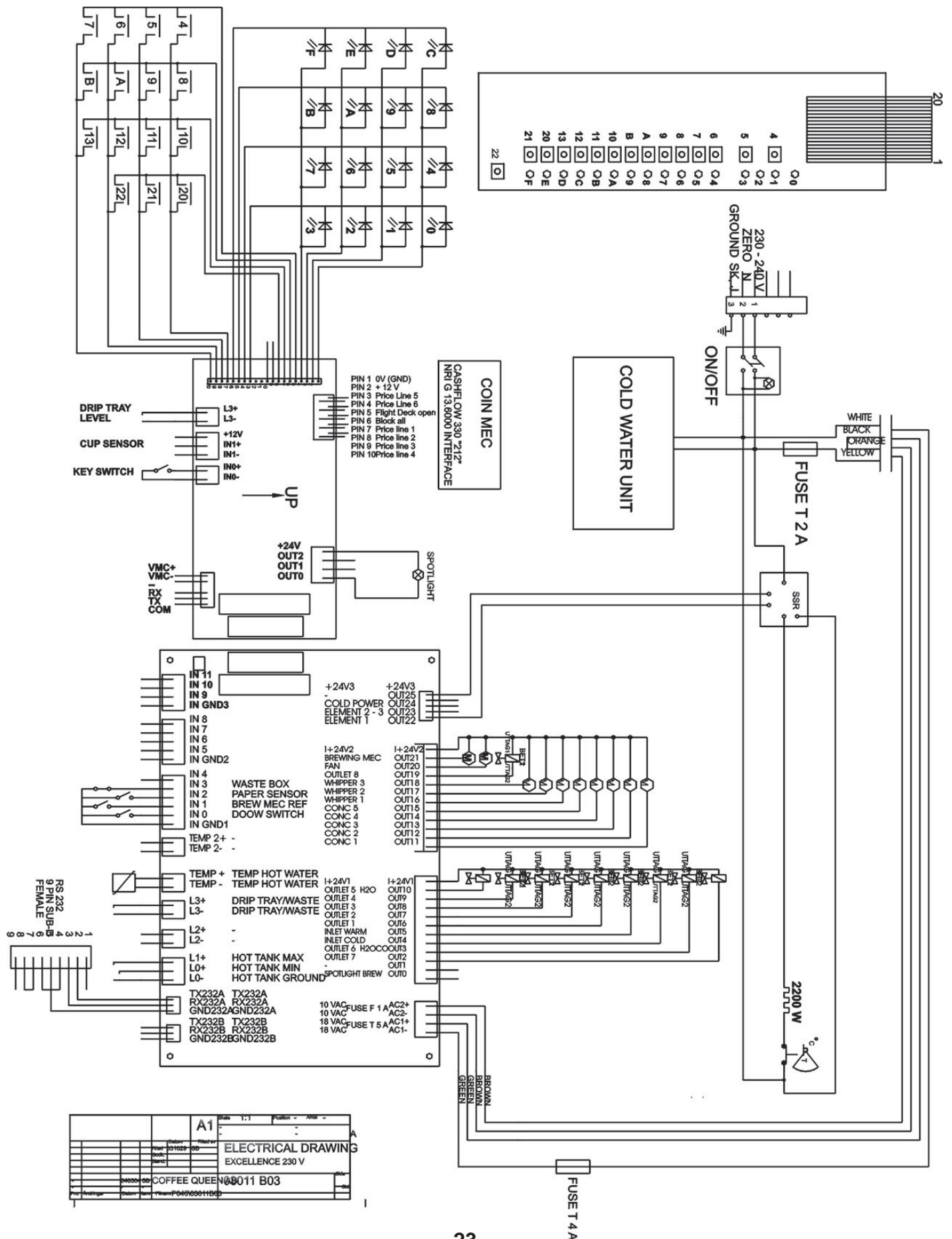
Transport and no use in long time.

1. Turn off the switch, pull out the plug and close incoming water tube.
2. Empty the water tank.
3. Keep machine free from frost.

Long machine storage at temperatures below 0°C (zero degrees celsius) can cause damage of the machine. Total emptying of water is recommended.



14. Circuit diagram.



Future COFFEE QUEEN



FOR SERVICE
Please contact your retail dealer

<p>Your retail dealer</p> <p>.....</p> <p>.....</p> <p>.....</p>
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