

**FMY 45 CM**

**EN Installation and user manual**

# TABLE OF CONTENTS

---

About this manual	6
Introduction	6
Safety Information	6
Control panel	9
Installation	12
Operation	14
Using the appliance for the first time	14
Making coffee using coffee beans	16
Cleaning and care	22
Displayed messages	25
Troubleshooting	26
Faults table	26
Technical data	28
Support	29
Disposal	29




## ABOUT THIS MANUAL

This user manual applies to several models of the device. Thus it may be possible that some of the described features and functions are not available on your specific model.

The explanatory images and figures, described in the various sections, are available at the end of the manual.

- Carefully read the user manual before using the device.
- Keep the user manual.
- Use the device described in this user manual only according to the intended use.

Franke reserves the right to make modifications to the product without prior notice. All information correct at time of issuance.

Symbol	Meaning
	Warning symbol. Warning against risks of injury.
	Warning symbol. Electrical appliance.
	Warning symbol. Warning against risk of burns.
▷	Actions in safety and warning notes to avoid injury or damage.
►	Action step. Specifies an action to be done.
■	Result. Result of one or more action steps.
✓	Precondition that has to be fulfilled before performing the following action.


## INTRODUCTION

The coffee machine was developed exclusively for non-professional, domestic use in the household. The coffee machine is designed to offer professional performance in the household.

This coffee machine will make delicious cups of coffee, espresso and cappuccino. You can customise the settings of the machine to suit your personal preferences and tastes.

Coffee has been used in the factory to test the appliance and it is therefore completely normal that there are traces of coffee in the mill. This appliance is however guaranteed to be new.

## SAFETY INFORMATION

 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

The manufacturer can not be made liable for possible damage which may occur due to incorrect installation and incorrect, improper or unreasonable use of the device.

## Proper installation and placement

- ▷ This is an household appliance only.
- ▷ It is not intended to be used in: staff kitchen areas in shops, offices and other working environments; farm houses; by clients in hotels, motels and other residential type environments; bed and breakfast type environments.
- ▷ This appliance is intended for domestic use only (around 3000 cups a year). Any other use is considered improper and in that case no guarantee will be given.
- ▷ This appliance can be installed over a built-in oven if the latter is fitted with a cooling fan at the rear.
- ▷ If the plug or power cable is damaged, it must be replaced by customer services only to avoid all risk.
- ▷ Only ask for original spare parts to be used. Failure to respect the above could reduce the safety of the appliance.



### Risk of burns!

- ▷ The surface of the heating element remains hot after use and the outside of the appliance may retain the heat for several minutes depending on use.
- ▷ When using the appliance, do not touch the hot surfaces. Use the knobs or handles.
- ▷ In case of failures:
  - Make sure the appliance is not connected to the mains power supply.
  - Turn the main power switch on the right side (behind the front panel) to 0.
  - Refer to our service department for repairs.

## Proper use

- ▷ This appliance is designed to “make espresso coffee” and “heat drinks”. Use it with care to avoid scalds from the water and steam jets or through incorrect use.
- ▷ Do not lean or hang on the machine when it has come out of the cabinet and do not place heavy or unstable objects on the machine.
- ▷ Ensure that there are no children or animals near or around the appliance when it is pulled out from the kitchen cabinet.
- ▷ Do not leave the machine pulled out of the kitchen cabinet when the machine is in use.
- ▷ Do not leave the machine pulled out of the kitchen cabinet when it is not needed.
- ▷ The machine must be installed according to the instructions provided in the booklet, to guarantee that it is securely held in place when it is pulled out of the kitchen cabinet.

- ▷ Do not put objects containing liquids, inflammable or corrosive materials on the machine.
- ▷ Use the accessories holder to contain coffee accessories (for example coffee beans).
- ▷ Never touch the appliance with damp hands.
- ▷ Unplug directly from the plug only.
- ▷ Never pull the power cable as you could damage it.
- ▷ To disconnect the appliance completely, place the main switch on the side of the appliance in the 0 (off) position.



### Models with glass surfaces:

- ▷ Do not use the appliance if the surface is cracked.

## Maintenance and cleaning

- ▷ Cleaning and user maintenance shall not be made by children without supervision.
- ▷ Never immerse the appliance in water.
- ▷ **CAUTION:** To prevent damage to the appliance do not use alkaline cleaning agents when cleaning, use a soft cloth and a mild detergent.
- ▷ Appliances with removable cord: avoid splashes of water on the power cord connector or socket at the back of the appliance.
- ▷ Clean all the components thoroughly, taking particular care with parts in contact with coffee and milk.

## Information for european markets



This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazard involved. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised.

- ▷ Keep the appliance and its cord out of the reach of children aged less than 8 years.
- ▷ Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- ▷ Children shall not play with the appliance.
- ▷ When not in use and before cleaning, always unplug the appliance.



### Risk of burns!

- ▷ Surfaces become hot during use.

## OVERVIEW

A1. Cup tray

A2. Service door

A3. Coffee guide

A4. Waste coffee container

A5. Brewing unit

A6. Cup tray lights

A7. On-Off/stand-by button

A8. Control panel

A9. Water softener filter (optional)

A10. Hot water and steam nozzle

A11. IEC connector

A12. Water tank

A13. Coffee spout (adjustable height)

A14. Drip tray

A15. Bean container lid

A16. Bean container

A17. Grinding adjustment knob

A18. Pre-ground coffee funnel door

A19. Measure

A20. Compartment for measure

A21. Pre-ground coffee funnel

A22. Power cable

A23. Main switch

A24. Tray

C1. Frothed milk regulator

C2. Milk container handle

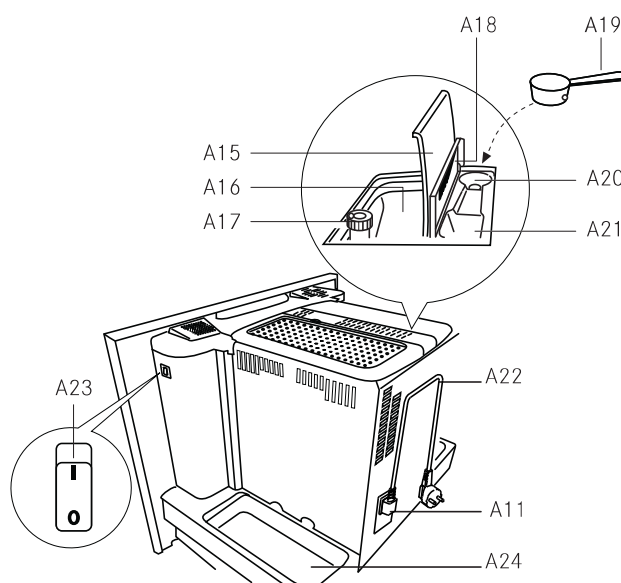
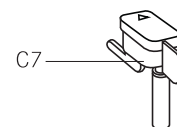
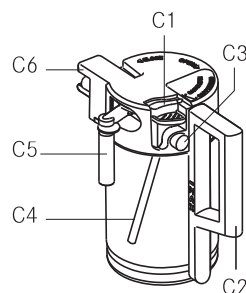
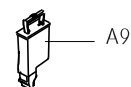
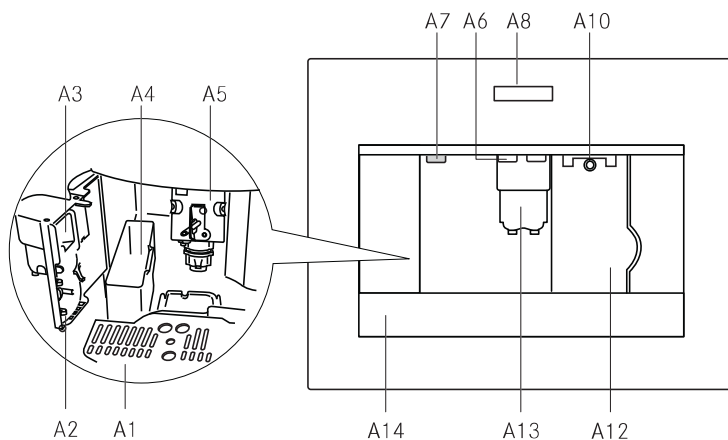
C3. CLEAN button

C4. Milk intake tube

C5. Frothed milk spout

C6. Milk frother

C7. Hot water spout



## Control panel



### IMPORTANT

- Only the icons relating to the controls enabled for the particular function currently being used will be lit on the touch screen.
- A light touch is enough to activate the icon.

B1. Display: guides the user in using the appliance.

B2. ≡ icon to activate or deactivate menu parameter setting mode.

B3. ☼ icon rinse.

B4. ☉ icon to select the coffee taste.

B5. ☕ icon to select the type of coffee.

(espresso, small cup, medium cup, large cup, mug)

B6. ↶ icon to exit the selected mode.

B7-B8. ▲ ▼ icons to scroll forwards or backwards through the menu and display the various modes.

B9. OK icon to confirm the selected function.

B10. ☕ icon to deliver a cup of coffee.

B11. ☕☕ icon to deliver two cups of coffee.

B12. ☕ icon to deliver cappuccino.

B13. ☕ icon to deliver hot water.

### Changing and setting menu parameters

When the appliance is ready, you can use the internal menu to modify the following parameters and functions:

- Choose language
- Shut-off time
- Set clock
- Start time
- Auto-start
- Temperature
- Water hardness
- Program coffee
- Program cappuccino
- Program water

- Descale
- Reset to default
- Statistics
- Install filter
- Reset filter
- Buzzer
- Contrast

### Setting the language

To change the language on the display, proceed as follows:

- ▶ Press the ≡ icon (B2) to enter the menu "CHOOSE LANGUAGE" is displayed.
- ▶ Press the OK icon (B9).
- ▶ Press the icons ▲ ▼ (B7) and (B8) until the required language is displayed.
- ▶ Press the OK icon (B9) to confirm.
- ▶ Press the icon ↶ (B6) to exit the menu.



**IMPORTANT: If you choose the wrong language, you can access the menu directly to modify the parameter.**





- ▶ Press the ≡ icon button (B2) for at least 7 seconds until the appliance displays the various languages.
- ▶ Choose the required language as described in the section "Using the appliance for the first time".

### Changing the length of time the appliance remains on












The appliance is set by default to go off automatically 30 minutes after the last coffee has been made.

To change this interval (max. 120 min), proceed as follows:

- ▶ Press the ≡ icon (B2) to enter the menu and then the icons ▲ (B7) and ▼ (B8) until "SHUT-OFF TIME" is displayed.
- ▶ Press the OK icon (B9) to confirm.











- ▶ Press the icons   (B7) and (B8) to set the time after which the appliance will go off (after 1/2 hour, 1 hour, 2 hours).
- ▶ Press the  icon (B9) to confirm.
- ▶ Press the icon  (B6) to exit.

### Setting the clock












- ▶ Press the  icon (B2) to enter the menu and then the icons   (B7) and (B8) until "SET CLOCK" is displayed.
- ▶ Press the  icon (B9).
- ▶ Use the icons   (B7) and (B8) to set the hour, then press the  icon (B9) to confirm.
- ▶ Use the icons   (B7) and (B8) to set the minutes, then press the  icon (B9) to confirm.
- ▶ Press the icon  (B6) to exit the menu.

### Setting auto-start time

This function programmes the time the machine will come on automatically.





- ▶ Make sure the clock on the appliance has been set.
- ▶ Press the  icon (B2) to enter the menu and then the icons   (B7) and (B8) until "START TIME" is displayed.
- ▶ Press the  icon (B9).
- ▶ Use the icons   (B7) and (B8) to set the auto-start time, then press the  icon (B9) to confirm.
- ▶ Use the icons   (B7) and (B8) to set the minutes, then press the  icon (B9) to confirm.





### Auto-start

- ▶ Press the icons   (B7) and (B8) to activate the auto-start function until "AUTO START" is displayed.
- ▶ Press the  icon (B9) to confirm. The symbol  appears on the display.
- ▶ Press the icon  (B6) to exit the menu.
- ▶ To deactivate the automatic start-up function, press the  (B2) icon, then press the   (B7) and (B8) icons until the appliance displays the message AUTO START. Press the  (B9) icon. CONFIRM will appear on the display. Press  to deactivate and the symbol  will disappear.

### Changing coffee temperature

To change coffee temperature, proceed as follows:








- ▶ Press the  icon (B2) to enter the menu and then the icons   (B7) and (B8) until "TEMPERATURE" is displayed.
- ▶ Press the  icon (B9).

- ▶ Press the icons   (B7) and (B8) to select the required coffee temperature from low, medium and high.
- ▶ Press the  button (B9) to confirm the temperature selected.
- ▶ Press the icon  (B6) to exit the menu.

### Setting water hardness

The operating period can be extended if required, making descaling less frequent by programming the machine on the basis of the real lime content in the water used.

Proceed as follows:

- ▶ Remove the "Total Hardness Test" strip (attached to page 2) from its packaging then dip it fully in the water for a few seconds,
- ▶ Then remove and wait about 30 seconds (until it changes colour and forms red squares).
- ▶ Turn the appliance on by pressing the On-Off/stand-by button (A7).
- ▶ Press the  icon (B2) to enter the menu and then the icons   (B7) and (B8) until "WATER HARDNESS" is displayed. Press the  icon (B9).
- ▶ Press the icons   (B7) and (B8) until the number coincides with the number of red squares on the test strip (for example, if there are 3 red squares on the test strip, select the message "WATER HARDNESS 3").
- ▶ Press the  icon (B9) to confirm.
- ▶ The coffee maker is now programmed to provide the descale warning when actually necessary.




### Descaling









#### IMPORTANT

- Descaler contains acids. Respect the safety warnings provided by the manufacturer and given on the descaler pack.
- Use the descaler recommended by the manufacturer only. Use of other descalers invalidates the guarantee. Failure to descale the appliance as described also invalidates the guarantee.
- Before descaling, make sure the water softener filter has been removed.

When "PLEASE DESCALE!" is displayed, the machine requires descaling. Proceed as follows:

- ▶ Make sure the machine is ready.
- ▶ Attach the hot water spout (C7) to the nozzle (A10).
- ▶ Press the  icon (B2) to enter the menu and then the icons   (B7) and (B8) until "DESCALE" is displayed.







- ▶ Press the  (B9) and the appliance displays "DESCALE PLEASE CONFIRM".
- ▶ Press the  (B9).
  - The message "ADD DESCALER PLEASE CONFIRM" is displayed.
- ▶ Empty the tank of water, pour the contents of the descaler bottle into the tank respecting the instructions given on the descaler pack, then add water.
- ▶ Position a container with a capacity of about 2 litres under the hot water spout.
- ▶ Press the  (B9). Descaler flows out of the hot water spout into the container below. The appliance displays: "DESCALING".
- ▶ The descale programme automatically performs a series of deliveries and pauses.
- ▶ After about 30 minutes "DESCALE COMPLETE PLEASE CONFIRM" is displayed.
- ▶ Press the  (B9). "RINSING PLEASE CONFIRM" is displayed.
- ▶ Empty the water tank, rinse to eliminate descaler residues, then fill with clean water.
- ▶ Replace the tank full of clean water. "RINSING PLEASE CONFIRM" is displayed again.
- ▶ Press the  (B9) again. Hot water flows out of the spout into the container below and "RINSING" is displayed.
- ▶ Wait until "RINSING COMPLETE PLEASE CONFIRM" is displayed.
- ▶ Press the  (B9). "DESCALE COMPLETE" is displayed, then "FILL TANK". Fill the tank again with clean water.
- ▶ The descale programme is now terminated and the appliance is ready to make coffee again.
- ▶ **Note:** If descaling is interrupted before completion, the process must be begun again from the beginning.








**IMPORTANT:** Failure to descale the Appliance regularly invalidates the Guarantee.

### Resetting default values (reset)

If you change the original values, the default values can be reset as follows:

- ▶ Press the  (B2) to enter the menu and then the icons  (B7) and (B8) until "RESET TO DEFAULT" is displayed.
- ▶ Press the  (B9) and the appliance displays "RESET TO DEFAULT PLEASE CONFIRM".
- ▶ Press the  (B9) to reset the default values.

### Statistics







- ▶ This displays statistics relating to the machine. To display, proceed as follows:
- ▶ Press the  (B2) to enter the menu and then the icons  (B7) and (B8) until "STATISTICS" is displayed.
- ▶ Press the  (B9).
- ▶ Press the icons  (B7) and (B8) to verify:
  - How many coffees and cappuccinos have been made.
  - How many times the machine has been descaled.
  - The total number of litres of water delivered.
- ▶ Press the icon  (B6) once to exit the function or twice to exit the menu.

### Buzzer

This activates or deactivates the buzzer emitted by the machine each time an icon is pressed or an accessory is inserted/removed.









**The buzzer is active by default.**

- ▶ Press the  (B2) to enter the menu and then the icons  (B7) and (B8) until "BUZZER" is displayed.
- ▶ Press the  (B9). "BUZZER PLEASE CONFIRM" is displayed. Press the  (B6) to disable or the  (B9) to enable the buzzer.
- ▶ Press the  (B6) to exit the menu.

### Adjusting contrast

To increase or reduce the contrast of the display, proceed as follows:

- ▶ Press the  (B2) to enter the menu and then the icons  (B7) and (B8) until "CONTRAST" is displayed.
- ▶ Press the  (B9).
- ▶ Press the icons  (B7) and (B8) until the required display contrast is reached. The progressive bar indicates the level of contrast selected.
- ▶ Press the  (B9) to confirm.
- ▶ Press the  (B6) once to exit the function or twice to exit the menu.



# INSTALLATION

## Controls after transport

After removing the packaging, make sure the product is complete and undamaged and that all accessories are present. Do not use the appliance if it is visibly damaged. Contact Customer Services.

## Installing the appliance



### IMPORTANT

- Installation must be performed by a qualified professional in compliance with legislation in force in the country of installation (see Built-in installation).
- The packing elements (plastic bags, polystyrene foam, etc.) should be kept out of reach of children.
- Do not install the appliance in rooms where the temperature may drop to 0°C or lower.
- Customise the water hardness as soon as possible following the instructions in the "Setting water hardness" section.

## Connecting the appliance



### DANGER!

- Check that the mains power supply voltage corresponds to the value indicated on the rating plate on the bottom of the appliance.
- Connect the appliance to an efficiently earthed and correctly installed socket with a minimum current rating of 10A only.
- If the power socket does not match the plug on the appliance, have the socket replaced with a suitable type by a qualified professional.
- To comply with safety directives, an omnipolar switch with a minimum contact distance of 3 mm must be installed.
- Do not use multiple sockets or extensions.



**IMPORTANT:** Safety cutout devices must be included in the mains power supply in compliance with the installation regulations in the country concerned.

## Built-in installation

- Verify the minimum measurements required for correct installation of the appliance (Figure 1, 2 and 3).
- The coffee maker must be installed in a column and the column must be firmly fixed to the wall with commercially available brackets.

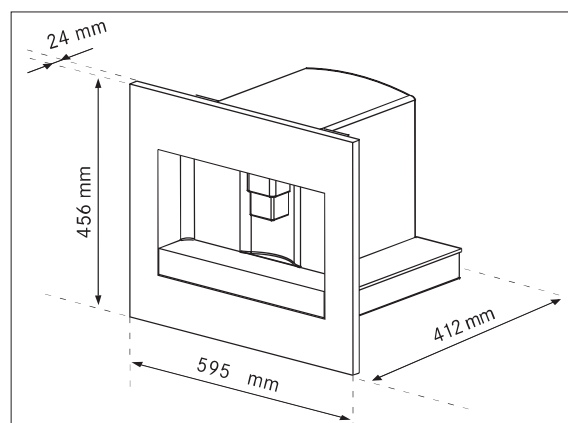


Fig. 1

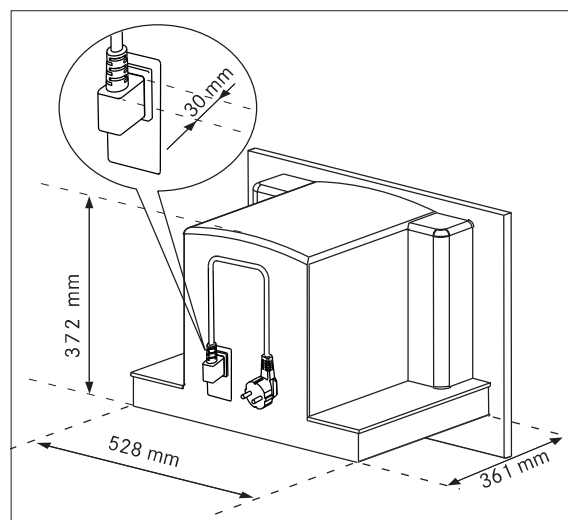


Fig. 2



### IMPORTANT

All installation or maintenance operations must be performed with the appliance disconnected from the mains electricity supply.

Kitchen furniture in direct contact with the appliance must be heat resistant (65°C min).

To guarantee correct ventilation, leave a gap at the bottom of the cabinet (see measurements in (Figure 3).

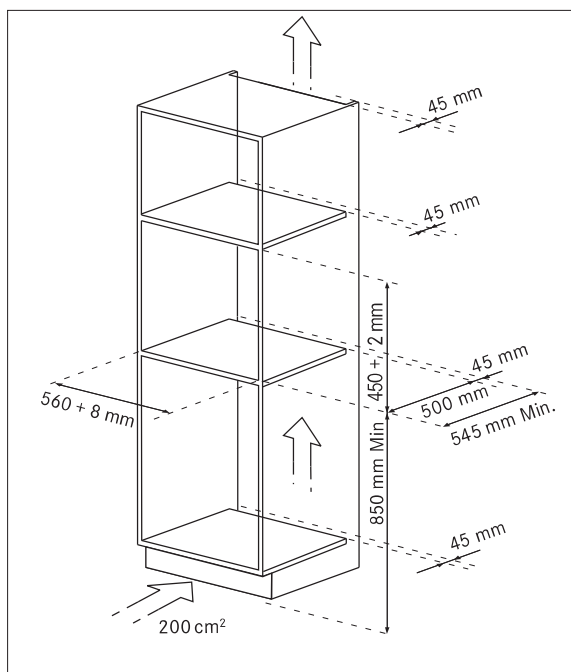


Fig. 3

- Position the rails on the sides of the cabinet as shown in the Figure 4. Fix with the screws supplied, then extract them completely. If the coffee maker is installed over a warmer drawer, use the top surface of this as a reference to position the rails. In this case, there will be no surface to rest the rails on.

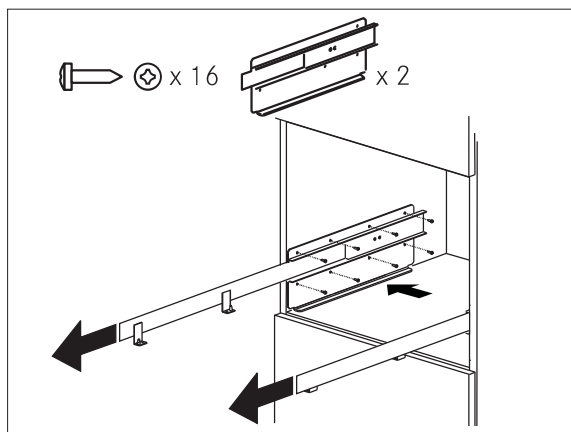


Fig. 4

- Position the appliance on the rails, making sure the pins are correctly inserted in the housings, then fix it with the screws supplied (Fig. 5). If the height of the appliance requires adjusting, use the spacer disks provided.

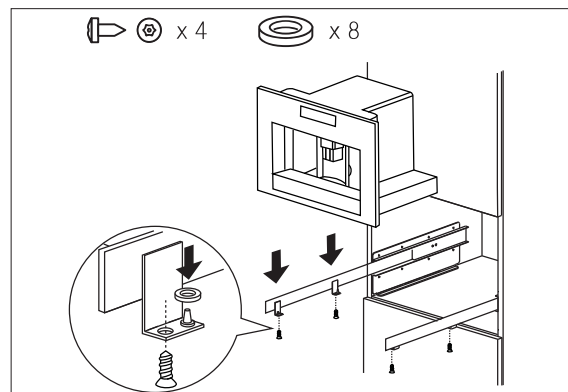


Fig. 5

- Fix the power cable with the clip (Fig. 6). The power cable must be long enough to allow the appliance to be extracted from the cabinet to fill the coffee bean container.

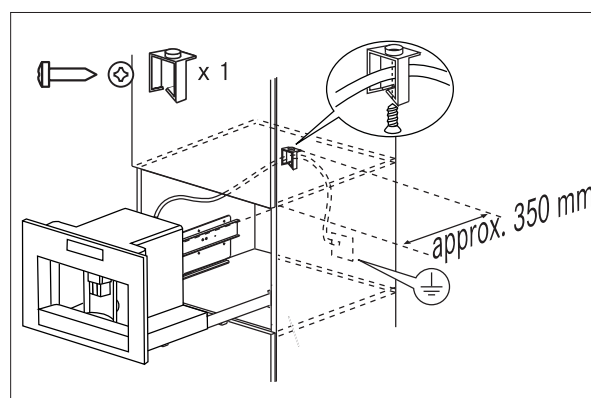


Fig. 6

### ! IMPORTANT

- The appliance must be earthed in compliance with legislation.
- Electrical connections must be performed by a qualified electrician following the instructions.
- If necessary, correct alignment of the appliance by positioning the spacers under or at the sides of the support (Fig. 7).

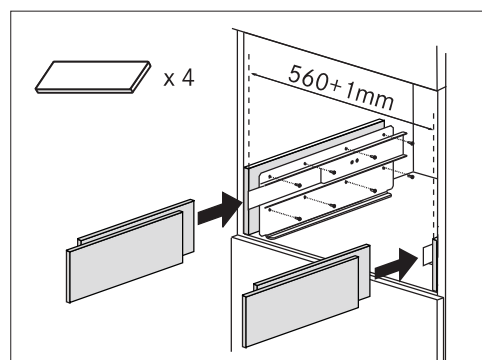


Fig. 7

- The rail fixing panel must have a thickness suited to the fixing screws provided.
- The panel material must be suited to the machine weight of approximately 25 kg.

# OPERATION

## Using the appliance for the first time



### IMPORTANT

- Coffee has been used to factory test the appliance and it is therefore completely normal for there to be traces of coffee in the mill.
- Customise water hardness as soon as possible following the instructions in the "Setting water hardness" section.
- Connect the appliance to the mains supply. Set the required language.
- To set the language, use the icons (B7 and B8) to choose the required language (Fig.9). When the message "PRESS OK TO CHOOSE ENGLISH" is displayed, press the (B11) (Fig. 10) for 3 seconds until "ENGLISH INSTALLED" is displayed. If you set the wrong language, follow the instructions in the "Setting the language" section. If your language is not available, select one from those displayed. The instructions refer to the English version. Then follow the instructions displayed.

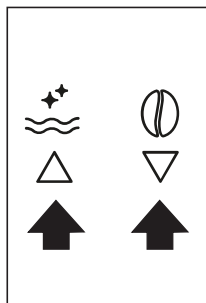


Fig. 9

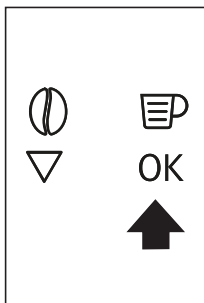


Fig. 10

- After 5 seconds, the appliance displays "FILL TANK". Extract the water tank (Fig. 11), rinse and fill with fresh water without exceeding the MAX line. Replace and push as far as it will go. A water softener filter can be installed in the tank (Fig. 37).

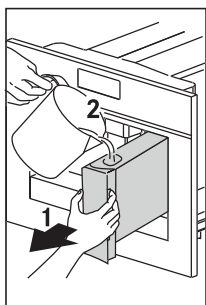


Fig. 11

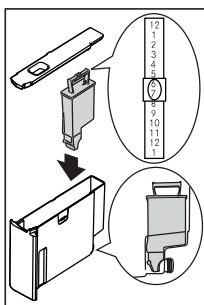


Fig. 37

- Place a cup under the hot water spout (Fig. 12). (If the hot water spout is not inserted, the appliance displays "INSERT WATER SPOUT".
  - Attach it as shown in figure 13. The appliance displays: "HOT WATER PRESS OK".
- Press the (B9) (Fig. 10) and after a few seconds a little water comes out of the spout.

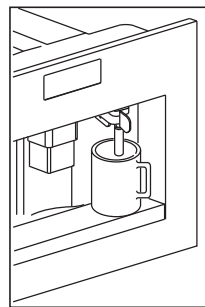


Fig. 12

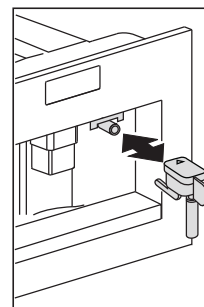


Fig. 13

- The machine now displays "TURNING OFF... PLEASE WAIT" and goes off.
- Extract the appliance by pulling it out using the handles (Fig. 14). Open the lid and fill the container with coffee beans, then close the lid and push the appliance in.



Fig. 14

The coffee maker is now ready for normal use.



### IMPORTANT

- Never introduce pre-ground coffee, freeze dried coffee, caramelised beans or anything else which could damage the appliance.
- When using the appliance for the first time, you need to make 4-5 cups of coffee and 4-5 cappuccinos before the appliance gives satisfactory results.
- Each time you turn the coffee maker on by the ON/OFF switch (A23), it performs a SELF-DIAGNOSIS cycle and then goes off. To turn it on again, press the ON/OFF button (A7) (see page 8).

## Installing the filter

Some models are fitted with a water softener filter to improve the quality of the water used and extend the working life of the appliance.

To install, proceed as follows:

- ▶ Remove the filter (A9) from the packaging (see page 8)
- ▶ Slide the date indicator pointer (see Fig. 37) until the months of use are displayed.

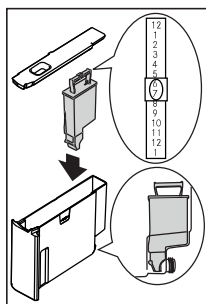
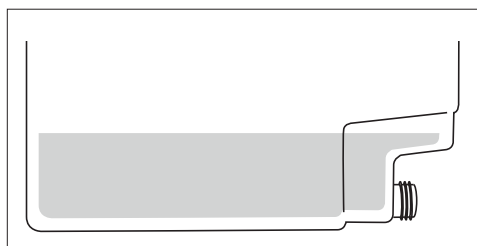


Fig. 37



### IMPORTANT

- The filter lasts about two months if the appliance is used normally.
- If the coffee maker is left unused with the filter installed, it will last a maximum of three weeks.
- Fill the tank with a little water up to the level shown in the figure:



- ▶ Insert the filter in the water tank and press it until it touches the bottom of the tank (see Fig. 37); Place the hot water spout if it is not there.
- ▶ Fill the water tank and place it in the coffee maker, then insert the hot water spout (C7) (see page 8).
- ▶ Position a container under the spout (min. capacity: 100 ml).
- ▶ Press the ≡ icon (B2) to enter the menu.
- ▶ Press the icons △ ▽ (B7) and (B8) until "INSTALL FILTER" is displayed.
- ▶ Press the OK icon (B9).
- ▶ The message "INSTALL FILTER PLEASE CONFIRM" is displayed.
- ▶ Press the OK icon (B9) to confirm the selection (or ↵ (B6) to cancel). "HOT WATER PRESS OK" is displayed.

- ▶ Press the OK icon (B9) again. The appliance begins delivering hot water and the message "PLEASE WAIT..." is displayed.
- ▶ When delivery stops, the appliance automatically displays the basic modes set again.



### IMPORTANT

- The appliance may request the operation to be repeated a number of times until the air is completely eliminated from the hydraulic circuit.

## Replacing the filter ("Filter reset")

When "REPLACE FILTER" is displayed or after 2 months of use (see date indicator), the filter must be replaced:

- ▶ Remove the exhausted filter.
- ▶ Remove the new filter from the packaging.
- ▶ Slide the pointer of the date indicator (see Fig. 37) until the months of use are displayed (the filter lasts about 2 months).
- ▶ Insert the filter in the water tank and press it until it touches the bottom of the tank (see Fig. 37).
- ▶ Fill the water tank and place it in the coffee maker, then insert the hot water spout (C7) (see page 8).

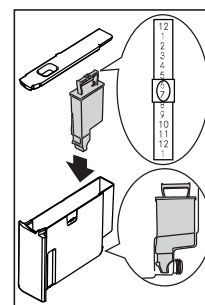








Fig. 37

- ▶ Position a container under the spout (min. capacity: 100 ml).
- ▶ Press the ≡ icon (B2) to enter the menu.
- ▶ Press the △ ▽ icons (B7) and (B8) until "FILTER RESET" is displayed.
- ▶ Press the OK icon (B9).
- ▶ The message "FILTER RESET CONFIRM" is displayed.
- ▶ Press the OK icon (B9) to confirm the selection (or (B6) to cancel). "HOT WATER PRESS OK" is displayed.
- ▶ Press the OK icon (B9) again.
- ▶ The appliance begins delivering hot water and the message "PLEASE WAIT..." is displayed.
- ▶ When delivery stops, the appliance automatically displays the basic modes set again.

## Removing the filter

To use the appliance without a filter, you must remove it and notify the appliance of its removal as follows:

- ▶ Press the  icon (B2) to enter the menu.
- ▶ Press the   icons (B7) and (B8) until "INSTALL FILTER\*" is displayed.
- ▶ Press the  icon (B9).
- ▶ The message "INSTALL FILTER\* CONFIRM" is displayed.
- ▶ Press the icon  (B6).
- ▶ When the asterisk has disappeared from the top right of the display, press  (B6) to exit the menu.



**IMPORTANT:** Use the filters recommended by the manufacturer only. Use of unsuitable filters could damage the appliance.

## Turning on and heating up

Each time the appliance is turned on, it performs an automatic preheat and rinse cycle which cannot be interrupted. The appliance is ready for use only after completion of this cycle.




### **DANGER OF BURNS!**

During rinsing, a little hot water flows from the coffee spouts.

- ▶ To turn the appliance on, press the On-Off/standby button (A7) (see page 8). The message "HEATING UP... PLEASE WAIT" is displayed.
- ▶ When heating is complete, the message changes to "RINSING".
- ▶ The appliance is at temperature when the message "MEDIUM CUP NORMAL TASTE" is displayed.
- ▶ If no icon is pressed within about 2 minutes, the time (if set, see the "Setting the clock" section) is displayed.
- ▶ If the time has not been set, the appliance displays the last functions set.
- ▶ When any icon is pressed, "MEDIUM CUP NORMAL TASTE" is displayed again. The appliance is ready to make coffee again.

## Making coffee using coffee beans

- ▶ The appliance is preset to make coffee with a normal taste. You can also choose coffee with an extramild, mild, standard, strong or extra-strong taste. There is also a pre-ground coffee option. To choose the required taste, press more times the icon  (B4) (Fig. 15). The required coffee taste is displayed.

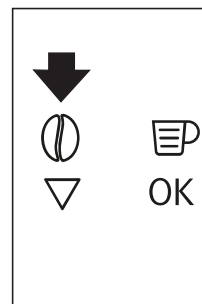


Fig. 15

- ▶ Place 1 cup under the spouts to make 1 coffee (Fig. 16) or 2 cups for 2 coffees (Fig. 16). Lower the spouts as near as possible to the cup for a creamier coffee (Fig. 17).

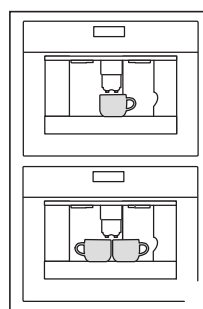


Fig. 16

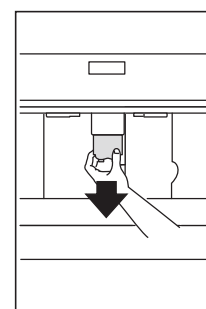




Fig. 17

- ▶ Press the icon (B5) (Fig. 18) to select the type of coffee: espresso, small cup, medium cup, large cup, mug. Press the icon  (B10) (Fig. 19) if you want to make a coffee and the icon  (B11) (Fig. 20) if you want to make 2 coffees. The appliance now grinds the beans and starts delivering the coffee into the cup. Once the set amount of coffee has been delivered, the machine stops delivery automatically and expels the exhausted waste coffee into the waste coffee container.

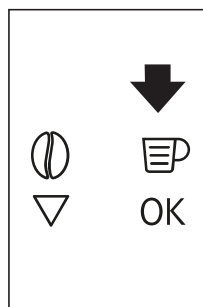


Fig. 18

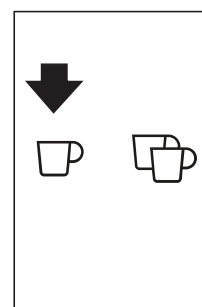


Fig. 19

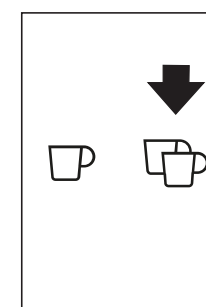


Fig. 20



- After a few seconds, the appliance is ready for use again.
- To turn the appliance off, press the On-Off/stand-by button (A7) (see page 8). (Before going off, the appliance performs an automatic rinse cycle. Take care to avoid scalds).

**Note:** If the coffee is delivered a drop at a time or not at all, see the "Adjusting the coffee mill" section.

**Note:** If the coffee is delivered too fast and the cream is not satisfactory, see the "Adjusting the coffee mill" section.

### Tips for a hotter coffee

- When you turn the appliance on, if you want to make a small cup of coffee (less than 60 ml), preheat the cup by rinsing it with hot water.
- If on the other hand more than 2/3 minutes have passed since the last coffee was made, before requesting another coffee, you must preheat the brewing unit by pressing the ☼ icon (B3). Deliver the water into the underlying drip tray or alternatively use this water to fill (and then empty) the cup to be used for the coffee to preheat it.
- Unless preheated, do not use excessively thick cups as they will absorb too much heat.
- Preheat the cups by rinsing them with hot water.
- Coffee delivery can be interrupted at any moment by re-pressing the previously selected icon which remains lit during the operation.
- As soon as delivery is finished, to increase the quantity of coffee in the cup, just keep pressing the previously selected icon within 3 seconds after delivery has finished.
- When the appliance displays "FILL TANK", fill the tank with water or the appliance will not deliver coffee. (It is normal for there to be a little water left in the tank).

### Empty the waste coffee container

After about 14 single (or 7 double) coffees, the appliance displays "EMPTY WASTE COFFEE CONTAINER". Even if not full, the empty waste coffee container message is displayed 72 hours after the first coffee has been delivered. For the 72 hours to be calculated correctly, the machine must never be turned off with the main switch in the 0 position.

- To clean, open the service door on the front of the appliance by pulling the spout (Fig. 23), extract the drip tray (Fig. 24) and clean (Fig. 39).

- When cleaning, always extract the drip tray completely.

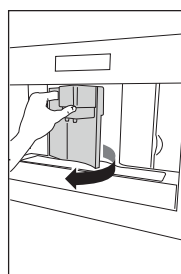


Fig. 23

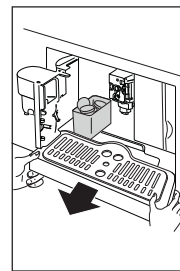


Fig. 24

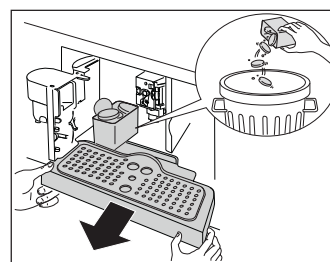


Fig. 39



**CAUTION:** When extracting the drip tray, the waste coffee container **MUST** always be emptied. If this is not done, the machine may be clogged.

**Note:** Never extract the water tank while the machine is delivering coffee.

- If it is removed, it will not be possible to make the coffee and the appliance will display "GROUND TOO FINE ADJUST MILL AND PRESS OK" and then "FILL TANK!".
- Check the level of water in the tank and replace in the appliance.
- To use the appliance again, insert the hot water spout (Fig. 13) if not already in position, press the OK icon (B9). "HOT WATER PRESS OK" is displayed. Press the OK icon (B9) within a few seconds and deliver water from the spout for about 30 seconds. When delivery stops, the basic modes are displayed again.

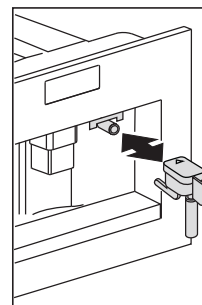


Fig. 13



**CAUTION:** The coffee maker may request the operation to be repeated a number of times until the air is completely eliminated from the hydraulic circuit.




**CAUTION:** If this operation is not performed correctly or if the machine is turned off, the basic modes may be displayed, although the problem is in fact still present.

### Changing the quantity of coffee in the cup

The appliance is set by default to automatically make the following types of coffee:

- espresso
- small cup
- medium cup
- large cup
- mug

**To change these quantities, proceed as follows:**

- Press the  icon (B2) to enter the menu (Fig. 22). Press the icons   (B7) and (B8) (Fig. 9) until "PROGRAM COFFEE" is displayed.

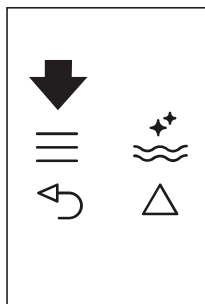


Fig. 22

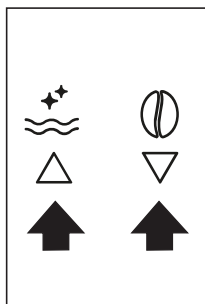






Fig. 9

- Press the OK icon (B9).
- Select the type of coffee you want to change by pressing the icons (B7) and (B8).
- Press the OK icon (B9) to confirm the type of coffee you want to make.
- Use the icons   (B7) and (B8) to change the quantity of coffee. The progress bar shows the quantity of coffee selected.
- Press the OK icon (B9) again to confirm (or the  icon (B6) to cancel the operation).
- Press the icon  (B6) (Fig. 25) twice to exit the menu.

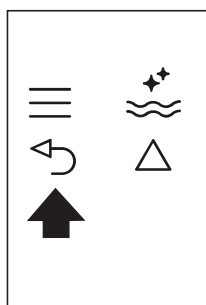


Fig. 25

The appliance is now reprogrammed with the new settings and is ready.

### Adjusting the coffee mill

The coffee mill is preset in the factory and should not require adjusting. However, if after making the first few coffees you find that delivery is either too fast or too slow (a drop at a time), this can be corrected by adjusting the grinding adjustment knob (Fig. 21).

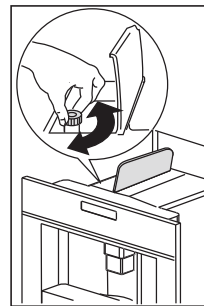


Fig. 21

**CAUTION:** The grinding adjustment knob must only be turned when the coffee mill is in operation.

- For slower delivery and creamier coffee, turn one click anticlockwise (finer pre-ground coffee). For faster delivery (not a drop at a time), turn one click clockwise (coarser pre-ground coffee) (Fig. 40).

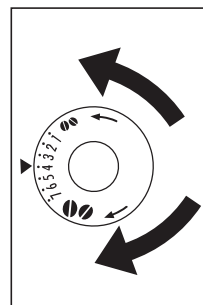



Fig. 40

### Making espresso coffee with pre-ground coffee (instead of beans)

- Press the  icon (B4) (Fig. 15) and select the pre-ground coffee function.

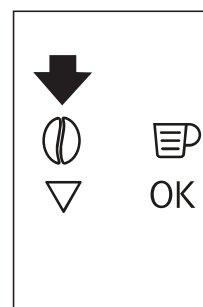


Fig. 15

- Extract the machine by pulling it outwards using the handles (Fig. 14).

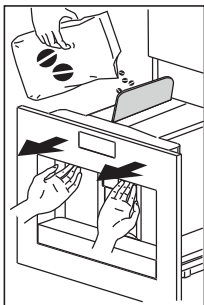


Fig. 14

- Lift the central lid, place one measure of preground coffee in the funnel (Fig. 26), push the appliance in then proceed as described in the section "Making coffee using coffee beans".

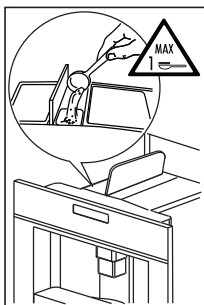



Fig. 26

- You can make just one coffee at a time by pressing the icon  (B10) (Fig. 19).

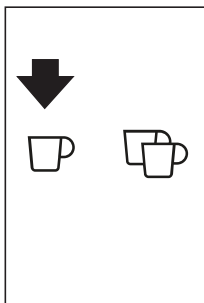



Fig. 19

- After using the machine with pre-ground coffee, to go back to making coffee using beans, deactivate the pre-ground coffee function by pressing the  icon (B4) (Fig. 15).

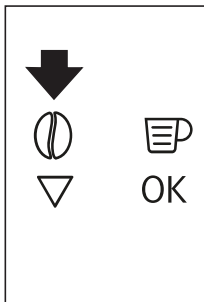


Fig. 15



#### IMPORTANT:

- Never introduce pre-ground coffee when the machine is off or it could spread through the inside of the appliance.
- Never add more than 1 measure, otherwise the appliance will not make the coffee.
- Use the measure provided only.
- Introduce only pre-ground coffee for espresso coffee machines into the funnel.
- If more than one measure of pre-ground coffee is used and the funnel clogs, push the coffee down with a knife (Fig. 21). Then remove and clean the brewing unit and machine as described in the "Cleaning the brewing unit" section.

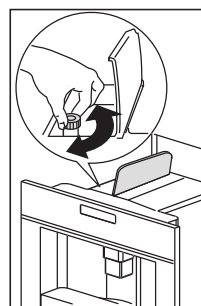


Fig. 21

#### Delivering hot water

- Always make sure the appliance is ready.
- Make sure the water spout is in place and attached to the nozzle (Fig. 13).

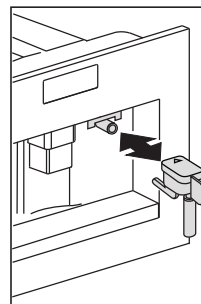



Fig. 13

- Position a container under the spout.
- Press the  icon (B13) (Fig. 27).
  - The appliance displays: "HOT WATER PRESS OK".

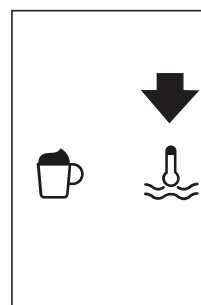





Fig. 27

- ▶ Press the  icon (B9) again and hot water is delivered from the water spout into the container underneath.
- ▶ You should not deliver hot water for more than 2 minutes at a time.
- ▶ To interrupt, press the  icon (B13) or the  icon (B6).
  - The appliance stops delivery once the set quantity is reached.

### Changing the quantity of hot water

The machine is set by default to automatically deliver 150 ml of hot water. To change these quantities, proceed as follows:

- ▶ Place a container underneath the water spout (Fig. 12).

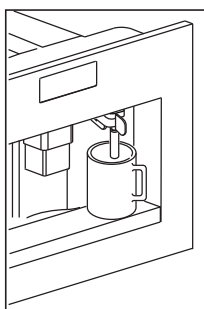





Fig. 12

- ▶ Press the  icon (B2) to enter the menu (Fig. 22) or press the icons   (B7) and (B8) (Fig. 9) until "PROGRAM HOT WATER" is displayed.

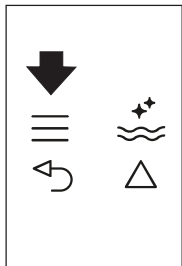


Fig. 22

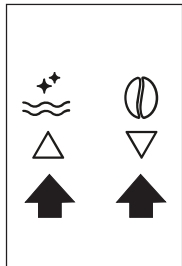


Fig. 9

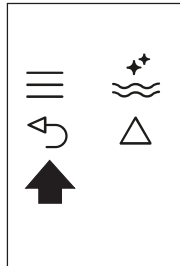








Fig. 25


- ▶ Press the  icon (B9) to confirm.
- ▶ Select the required quantity of water by pressing the   icons (B7) and (B8).
  - The progress bar shows the quantity of water selected.
- ▶ Press the  icon (B9) to confirm (or the  icon (B6) to cancel the operation.
- ▶ Press the icon  (B6) (Fig. 25) twice to exit the menu.
  - The appliance is now reprogrammed with the new settings and is ready.

### Making cappuccino



#### IMPORTANT:

Set the quantity of coffee you want to use to make the cappuccino in the "Program cappuccino" function in the menu.

- ▶ Select the taste of the coffee you want to use to make the cappuccino by pressing the  icon (B4).
- ▶ Remove the lid of the milk container.
- ▶ Fill the container with about 100 grams of milk for each cappuccino to be prepared (Fig. 30). Never exceed the MAX level (corresponding to about 750 ml) marked on the container. You should ideally use skimmed or semi-skimmed milk at refrigerator temperature (about 5°C).

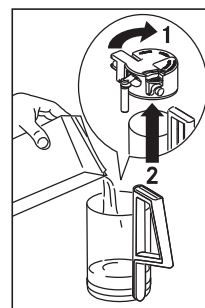


Fig. 30

- ▶ Make sure the intake tube is correctly inserted in the rubber washer (Fig. 31), then replace the milk container lid.

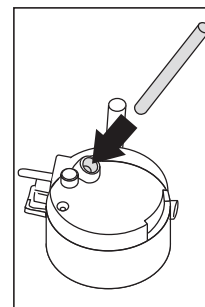


Fig. 31

- ▶ Position the frothed milk regulator (C1) between the words CAPPUCCINO and CAFFELATTE printed on the milk container lid. The quantity of froth can be adjusted by moving the regulator towards the word CAFFELATTE for a denser froth. Moving it towards the word CAPPUCCINO obtains a less dense froth (Fig. 41).

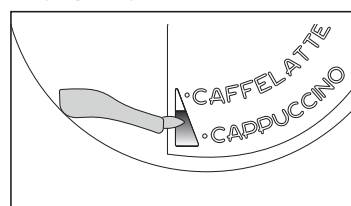


Fig. 41

- ▶ Remove the hot water spout (Fig. 13) and attach the milk container to the nozzle (Fig. 32).
- ▶ Position the milk spout as shown in Fig. 33 and then place a sufficiently large cup under the coffee and milk spouts.
- ▶ Press the ☞ icon (B12). CAPPUCCINO..." is displayed and after a few seconds, frothed milk flows out of the milk spout into the cup below (Delivery stops automatically).
- ▶ The appliance delivers coffee.
  - The cappuccino is now ready. Sweeten to taste and, if desired, sprinkle the froth with a little cocoa powder.

#### Notes:

- While making cappuccino, the flow of frothed milk or coffee can be interrupted by pressing the ☞ icon (B12).
- If the milk in the container finishes while delivering frothed milk, remove the container and add milk. Then re-attach it and press the ☞ icon (B12) to request cappuccino again.
- The following cleaning operations should be performed each time a milk beverage is delivered. To ensure the complete cleanliness and hygiene of the milk frother, always clean the circuits in the milk container lid after making cappuccino.
  - "PRESS CLEAN!" flashes on the display.
- ▶ Place a recipient under the milk spout (Fig. 33).
- ▶ Press the CLEAN button on the lid (C3) (see page 8) and hold down for at least 5 seconds (Fig. 33) to start the cleaning function.
  - The appliance displays the message "CLEANING" above a progressive bar.

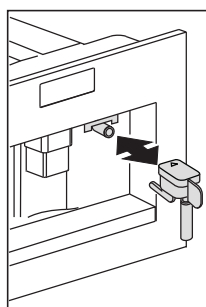


Fig. 13

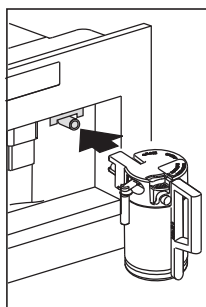


Fig. 32

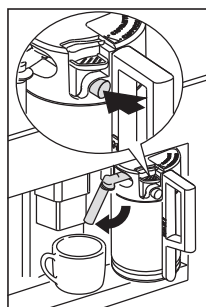


Fig. 33

- ▶ You should not release the CLEAN button until the bar is complete indicating that cleaning is concluded.
  - When the CLEAN button is released, the function stops.
  - After cleaning, remove the milk container and place in the refrigerator. The milk should not

be left out of the refrigerator for more than 15 minutes. Remove the milk container and always clean the steam nozzle with a clean cloth.

- To change the quantity of coffee or frothed milk the appliance delivers automatically into the cup, proceed as described in the section "Changing the quantity of coffee and milk for cappuccino".

#### Changing the quantity of milk and coffee for cappuccino

The appliance is set by default to automatically deliver a standard cappuccino. To change these quantities, proceed as follows:

##### Changing the quantity of milk

- ▶ Fill the container with milk up to the maximum level indicated on the container.
- ▶ Press the ≡ icon (B2) to enter the menu (Fig. 22), then press the icons △ ▽ (B7) and (B8) (Fig. 9) until "PROGRAM CAPPUCCINO" is displayed.

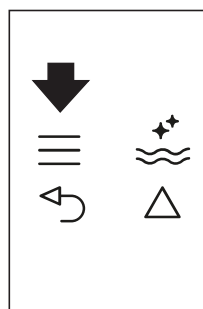


Fig. 22

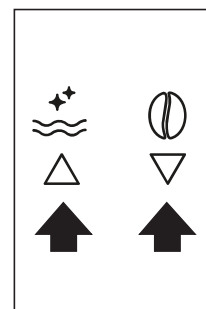


Fig. 9

- ▶ Press the OK icon (B9) to confirm.
  - "PROGRAM MILK" is displayed.
- ▶ Press the OK icon (B9) again.
- ▶ Select the quantity of milk required by pressing the △ ▽ icons (B7) and (B8).
  - The progress bar shows the quantity of milk selected.
- ▶ Press the OK icon (B9) to confirm (or the ↵ icon (B6) to cancel the operation).
- ▶ Press the ↵ icon (B6) (Fig. 25) twice to exit the menu.

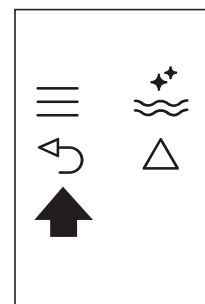











Fig. 25

### Changing the quantity of coffee

- ▶ Press the  icon (B2) to enter the menu (Fig. 22) or press the   icons (B7) and (B8) (Fig. 9) until "PROGRAM CAPPUCCINO" is displayed.
- ▶ Press the  icon (B9) to confirm then the   icons (B7) and (B8) (Fig. 9) until "COFFEE FOR CAPPUCC." is displayed.
- ▶ Press the  icon (B9) again.
- ▶ Select the quantity of coffee required by pressing the icons (B7) and (B8). The progress bar shows the quantity of coffee selected.
- ▶ Press the  icon (B9) to confirm (or the icon (B6) to cancel the operation.
- ▶ Press the  icon (B6) (Fig. 25) twice to exit the menu.

### Turning the appliance off

Each time the appliance is turned off, it performs an automatic rinse cycle which cannot be interrupted.



**DANGER OF BURNS!** During rinsing, a little hot water flows from the coffee spouts.

Avoid contact with splashes of water. To turn the appliance off, press the On-Off/standby button (A7). The appliance performs the rinse cycle then goes off.

- ▶ If the appliance is not used for an extended period, place the main switch (A23) on the back of the appliance in the 0 position.

## CLEANING AND CARE



Before performing any cleaning operations, the machine must be turned off by pressing the main switch (A23) (see page 8) and unplugged from the mains power supply. Never immerse the coffee maker in water.

### Cleaning the coffee machine

- ▶ Do not use solvents or abrasive detergents to clean the coffee maker. A soft damp cloth will suffice.
- ▶ Never wash any of the components of the coffee maker in the dishwasher.

The following parts of the machine must be cleaned regularly:

- Waste coffee container (A4)
- Drip tray (A14)
- Water tank (A12)
- Coffee spouts (A13)
- Pre-ground coffee funnel (A21)
- Inside of the machine, accessible after opening the service door (A2)
- Brewing unit (A5)

### Cleaning the waste coffee container

When EMPTY WASTE COFFEE CONTAINER is displayed, the waste coffee container must be emptied and cleaned.

To clean:

- ▶ Open the service door on the front of the appliance (Fig. 23), extract the drip tray (Fig. 24) and clean.

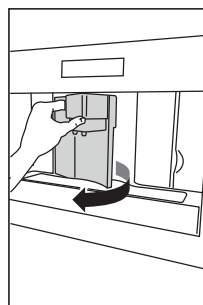


Fig. 23

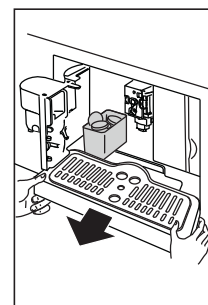


Fig. 24

- ▶ Clean the waste coffee container thoroughly.



**IMPORTANT:** When extracting the drip tray, the waste coffee container must always be emptied.

### Cleaning the drip tray (A14)



**IMPORTANT!** If the drip tray is not emptied the water might overflow. This could damage the machine. The drip tray is fitted with a level indicator (red) showing the level of water it contains (Fig. 35). Before the indicator protrudes from the cup tray, the drip tray must be emptied and cleaned.

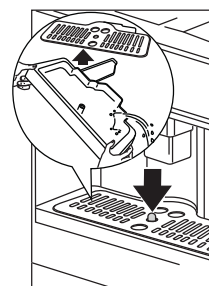


Fig. 35

To remove the drip tray (A14):

- Open the service door (Fig. 23).
- Remove the drip tray and the waste coffee container (Fig. 24).

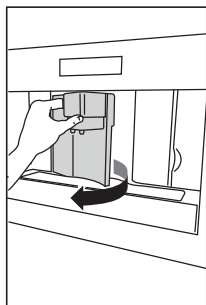


Fig. 23

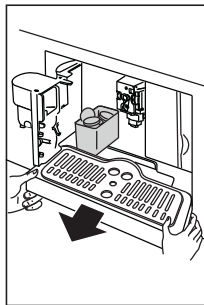


Fig. 24

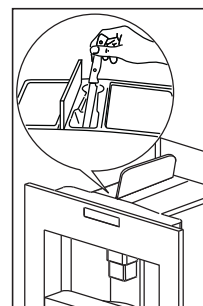


Fig. 28



**DANGER!** Before performing any cleaning operations, the machine must be turned off by pressing the main switch (A23) and unplugged from the mains power supply. Never immerse the coffee maker in water.

- Clean the drip tray and waste coffee container (A4).
- Replace the drip tray and waste coffee container (A4).
- Close the service door.

### Cleaning the water tank

- Clean the water tank (A12) regularly (about once a month) with a damp cloth and a little mild washing up liquid.
- Remove all traces of washing up liquid.
- Fill with fresh drinking water.
- Empty the water tank if the appliance is not used for extended periods (holidays etc.).
- Replace the water if the appliance is not used for more than two days.

### Cleaning the spouts

- Clean the spouts periodically using a sponge (Fig. 36).
- Check regularly that the holes in the coffee spout are not blocked. If necessary, remove coffee deposits with a toothpick (Fig. 34).

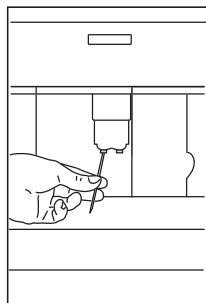


Fig. 34

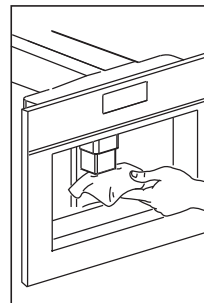


Fig. 36

### Cleaning the pre-ground coffee funnel

- Check regularly (about once a month) that the pre-ground coffee funnel is not blocked (Fig. 28).

### Cleaning the inside of the coffee maker

- Check regularly (about once a week) that the inside of the appliance is not dirty. If necessary, remove coffee deposits with a sponge.
- Remove the residues with a vacuum cleaner (Fig. 38).

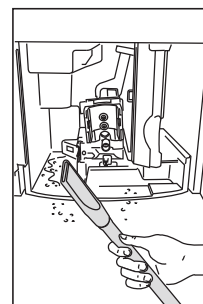


Fig. 38

### Cleaning the brewing unit

The brewing unit must be cleaned at least once a month.



**IMPORTANT:** The brewing unit (A5) must not be removed when the appliance is on. Do not use force to remove the brewing unit.

Proceed as follows:

- Make sure the machine is correctly turned off (see "Turning the appliance off").
- Open the service door (Fig. 23).
- Remove the drip tray and waste coffee container (Fig. 24).

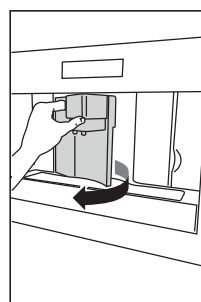


Fig. 23

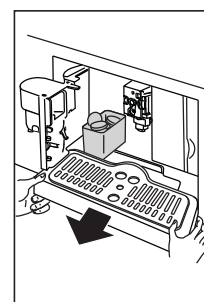


Fig. 24



- Press the two red release buttons inwards and at the same time pull the brewing unit outwards (Fig. 39).

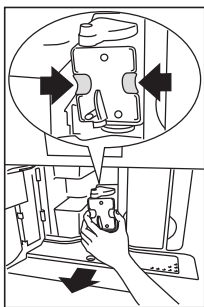


Fig. 39

**! IMPORTANT:** Do not use washing up liquid to clean the brewing unit. It would remove the lubricant applied to the inside of the piston.

- Soak the brewing unit in water for about 5 minutes, then rinse.
- After cleaning, replace the brewing unit (A5) by sliding it onto the internal support and pin at the bottom, then push the PUSH symbol fully in until it clicks into place (Fig. 42).

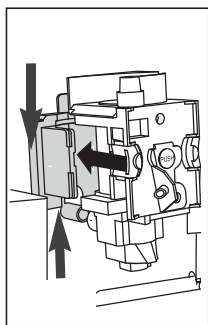


Fig. 42

**Note:** If the brewing unit is difficult to insert, you must first adapt it to the right dimensions by pressing it forcefully from the bottom and top (Fig. 43).

- Once inserted, make sure the two red buttons have snapped out (Fig. 44).

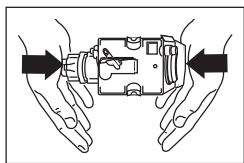


Fig. 43

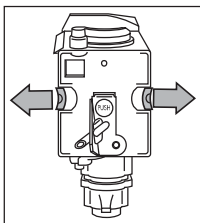


Fig. 44

- Replace the drip tray and waste coffee container.
- Close the service door.

## Cleaning the milk container

Always clean the tubes inside the milk container when you prepare milk. If there is still milk in the container, do not leave it out of the refrigerator for longer than strictly necessary. Clean the container each time you prepare milk as described in the section “Making cappuccino”.

**Note:** All components can be washed in a dishwasher, placing them in the top basket of the dishwasher.

- Turn the milk container lid clockwise then remove it.
- Remove the milk spout and intake tube (Fig. 45).

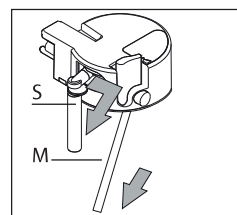


Fig. 45

- Remove the frothed milk regulator (F) by pulling it outwards.
- Wash all the components thoroughly with hot water and mild washing-up liquid. Make sure there are no milk residues left inside the holes (Fig. 46) and the groove on the fine end of the frothed milk regulator (Fig. 47).

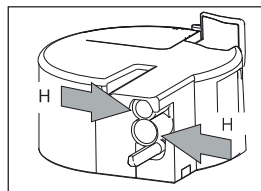


Fig. 46

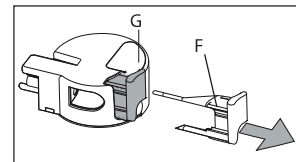


Fig. 47

- Check that the intake tube and spout are not clogged with milk residues.
- Replace the frothed milk regulator, milk spout and intake tube.
- Replace the milk container lid.

## DISPLAYED MESSAGES

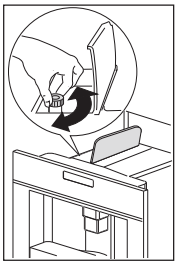
MESSAGE	MEANING	WHAT TO DO
FILL TANK	The water tank is empty or not properly in place.	Fill the tank with water and/or insert it correctly, pushing it as far as it will go.
GROUND TOO FINE ADJUST MILL AND (alternating with) PRESS OK	The grinding is too fine and the coffee is delivered too slowly.  The machine cannot make coffee as there is air in the hydraulic circuit. Possible cause: the filter has not been installed correctly.	Turn the grinding adjustment knob one click clockwise towards "7".  Make sure the filter (A9) is properly installed and that the installation has been carried out correctly.
GROUND TOO FINE ADJUST MILL AND (alternating with) PRESS OK (then) FILL TANK!	The tank has been removed during delivery. There is air in the hydraulic circuit.	Insert the tank and press the OK icon (B9). "HOT WATER PRESS OK" is displayed. Press the OK icon (B9) again. The appliance is once again ready for use.
EMPTY WASTE COFFEE CONTAINER	The waste coffee container (A4) is too full or more than 3 days have passed since you last made coffee (this guarantees correct hygiene of the machine).	Empty the waste coffee container and clean, then replace. Important: when removing the drip tray, the waste coffee container MUST be emptied, even if it is not completely full. If this is not done, when you make the next coffees, the waste coffee container may fill up more than expected and clog the machine.
INSERT WASTE COFFEE CONTAINER	After cleaning, the waste coffee container has not been replaced.	Open the service door and insert the waste coffee container.
ADD PRE-GROUND COFFEE	The "pre-ground coffee" function has been selected without placing any pre-ground coffee in the funnel.  The funnel (A21) is blocked.	Extract the appliance and place pre-ground coffee in the funnel.  Empty the funnel with the help of a knife as described in the section "Cleaning the pre-ground coffee funnel".
PLEASE DESCALE! (alternating with) MEDIUM CUP NORMAL TASTE	The machine must be descaled.	The descaling procedure described in the "Descaling" section needs to be performed as soon as possible.
LESS COFFEE	Too much coffee has been used.	Select a milder taste or reduce the quantity of preground coffee, then make the coffee again.
FILL BEAN CONTAINER	The coffee beans have run out.	Fill bean container.
INSERT BREWING UNIT	The brewing unit has not been replaced after cleaning.	Insert the brewing unit as described in the section "Cleaning the brewing unit".
CLOSE DOOR	The service door is open.	Close the service door.

MESSAGE	MEANING	WHAT TO DO
GENERAL ALARM!	The inside of the machine is very dirty.	Carefully clean the inside of the machine (see "Cleaning the coffee machine"). If the coffee machine still shows this message once it has been cleaned, please consult customer services.
REPLACE FILTER!	The water softener filter (A9) must be replaced	You must immediately replace the filter following the instructions in the section "Replacing the filter".

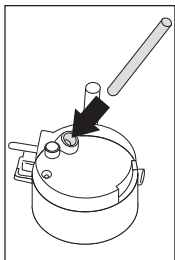
## TROUBLESHOOTING

### Faults table

Below is a list of some of the possible malfunctions. If the problem cannot be resolved as described, contact Customer Services.

FAULT	CAUSE	SOLUTION
Coffee is not hot.	<p>The cups were not preheated.</p> <p>The brewing unit has cooled down because 2/3 minutes have elapsed since the last coffee was made.</p> <p>The temperature set is too low.</p>	<p>Warm the cups by rinsing them with hot water.</p> <p>Before making coffee, preheat the brewing unit by pressing the ☼ icon (B3).</p> <p>Change the set temperature (see paragraph "Changing coffee temperature").</p>
The coffee is not creamy enough.	The coffee is ground too coarsely.	Turn the grinding adjustment knob one click anticlockwise towards "1" while the coffee mill is in operation (Fig. 21).
		 <p>Fig. 21</p>
	Wrong type of coffee.	Use a type of coffee for espresso coffee makers.
The coffee is delivered too slowly or a drop at a time.	The coffee is ground too finely.	Turn the grinding adjustment knob one click clockwise towards "7" while the coffee mill is in operation (Fig. 21). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering two coffees.

FAULT	CAUSE	SOLUTION
The coffee is delivered too quickly.	The coffee is ground too coarsely.	Turn the grinding adjustment knob one click anticlockwise towards "1" while the coffee mill is in operation (Fig. 21). Avoid turning the grinding adjustment knob excessively otherwise when you select 2 cups, the coffee may be delivered a drop at a time. The effect is only visible after delivering two coffees.
Coffee does not come out of one of the spouts.	The spouts are blocked.	Clean the spouts with a toothpick (Fig. 34). <div data-bbox="1114 555 1284 813" data-label="Image"> </div> <div data-bbox="1114 813 1161 835" data-label="Caption"> <p>Fig. 34</p> </div>
The coffee does not come out of the spouts, but from around the service door (A2).	The holes in the spouts are clogged with dry coffee dust.	If necessary, remove coffee deposits with a toothpick, sponge or stiff bristled kitchen brush (Fig. 34, 35, 36). <div data-bbox="938 996 1109 1254" data-label="Image"> </div> <div data-bbox="938 1254 986 1276" data-label="Caption"> <p>Fig. 34</p> </div> <div data-bbox="1276 996 1460 1254" data-label="Image"> </div> <div data-bbox="1276 1254 1324 1276" data-label="Caption"> <p>Fig. 35</p> </div> <div data-bbox="1114 1294 1284 1552" data-label="Image"> </div> <div data-bbox="1114 1552 1161 1574" data-label="Caption"> <p>Fig. 36</p> </div>
	The coffee guide (A3) inside the service door is blocked and cannot swing.	Thoroughly clean the coffee guide (A3), particularly near the hinges
Water comes out of the spouts instead of coffee.	The pre-ground coffee may be blocked in the funnel (A21).	Clean the funnel (A21) with a wooden or plastic fork, clean the inside of the machine.

FAULT	CAUSE	SOLUTION
The milk does not come out of the milk spout (C5).	The intake tube is not inserted or is inserted incorrectly.	Insert the intake tube (C4) in the rubber washer in the milk container lid (Fig. 31).
		
Fig. 31		
The milk is not well frothed.	The milk container lid is dirty.	Clean the milk container lid as described in the section "Cleaning the milk container".
	The frothed milk regulator is not positioned correctly.	Adjust following the instructions in the section "Making cappuccino".
The milk contains bubbles or squirts out of the milk spout.	The milk is not cold enough or is not semiskimmed.	You should ideally use skimmed or semi-skimmed milk at refrigerator temperature (about 5°C). If the result is still disappointing, try another brand of milk.
	The frothed milk regulator is incorrectly adjusted.	Move the frothed milk regulator slightly towards the word "CAFFELATTE" (see section "Making cappuccino").
	The milk container lid is dirty.	Clean the milk container lid as described in the section "Cleaning the milk container".

## TECHNICAL DATA

The data plate on the side of the appliance states the total load when connected, the required voltage and frequency.

Please check the minimum measures necessary to the proper installation of the appliance. The coffee maker must be installed in a column unit, which must in turn be fixed to the wall.

Voltage: 220-240 V~ 50-60 Hz max. 10A

Absorbed power: 1350 W

Pressure: 1,5MPa (15 bars)

Water tank capacity: 1.8 litres

Size L x H x D: 595 x 456 x 412 mm

Weight: 26 kg

## SUPPORT

---

In the event of any operation problems, contact a FRANKE Technical Service Centre (refer to the list on the backpage).

### **Never use the services of unauthorised technicians.**

Specify:

- the type of fault;
- the appliance model (Art.);
- the serial number (S.N.).

## DISPOSAL

---

The packaging of this appliance is recyclable and may have been made of:

- cardboard
- paper
- polythene foil (PE)
- CFC-free polystyrene (PS hard foam)
- polypropylene tape (PP).

Dispose of these materials in a responsible manner and in accordance with government regulations.



The barred dustbin symbol on the appliance indicates that at the end of its service life the product must be disposed of separately from other waste.

Segregated processing enables the recovery of the materials used in the production of this appliance, thus saving considerably in terms of raw materials and energy.

### **Declaration of conformity**

We declare that our products meet the applicable European Directives, Decisions and Regulations and the requirements listed in the standards referenced.

The appliance complies with the following EC directives:

- Low Voltage Directive 2006/95/EC and subsequent amendments;
- EMC Directive 2004/108/EC and subsequent amendments
- EC Regulation 1275/2008 for standby
- This appliance conforms to EC Regulation 1935/2004 on materials and articles intended to come into contact with food.



[www.franke.com](http://www.franke.com)

