



Bedienungsanleitung Operating Instructions



CAFFEO[®]
PASSIONE[®] &
VARIANZA[®] CS

DEUTSCH

ENGLISH

FRANÇAIS

NEDERLANDS

ITALIANO

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Dear Customer,

Thank you for purchasing the Caffeo® Varianza® CS or Caffeo® Passione® fully automatic coffee maker.

The operating instructions will help you discover the diverse options offered by the appliance and enjoy your coffee to the full.

Read through the operating instructions carefully. This helps avoid personal injury and material damage. Store the operating instructions carefully. If you pass on the appliance, include the operating instructions with it.

Melitta accepts no liability for damage caused by failure to observe the operating instructions.

If you require further information or have any questions on the appliance, contact Melitta or visit our website at:
www.melitta.de

We hope you enjoy using your appliance.

1 For your safety

- CE** The appliance conforms to the following European directives:
- 2006/95/EC (low voltage),
 - 2004/108/EC (electromagnetic compatibility),
 - 2011/65/EU (RoHS),
 - 2009/125/EC (eco-design/ErP).

The appliance has been built using the latest technology. Nevertheless, some residual dangers remain.

Observe the safety instructions to avoid dangers. Melitta accepts no liability for damage caused by failure to observe the safety instructions.

1.1 Symbols used

The following symbols indicate particular risks in using the appliance or provide useful tips.

CAUTION

The signal word CAUTION indicates possible injuries.

ATTENTION

The signal word *ATTENTION* indicates possible damage to the appliance.

i Information

The signal word "Information" indicates additional notes and tips on using the appliance.

1.2 Proper use

The appliance is used to prepare beverages made from coffee beans, and to heat milk and water.

The appliance is intended for use in private households.

Any other use is regarded as improper and may lead to personal injury and material damage. Melitta accepts no liability for damage that arises due to improper use of the appliance.

1.3 Danger from electric current

If the appliance or the power cable is damaged, there is a risk of fatal electric shock.

Observe the following safety instructions to avoid danger from electric current:

- Do not use a damaged power cable.
- A damaged power cable may only be replaced by the manufacturer or its customer service or service partner.
- Do not open any covers firmly screwed onto the appliance housing.
- Only use the appliance when it is in a technically flawless condition.
- A defective appliance may only be repaired by an authorised workshop. Do not repair the appliance yourself.
- Do not make any changes to the appliance, its components or its accessories.
- Do not immerse the appliance in water.

1.4 Risk of burns and scalds

Escaping fluids and steam may be very hot. Parts of the appliance can also become very hot.

Observe the following safety instructions to avoid scalds and burns:

- Avoid escaping fluids and steam coming into contact with the skin.
- When dispensing a beverage, do not touch the nozzles at the outlet or the steam pipe. Wait until the components have cooled down.

1.5 General safety

Observe the following safety instructions to avoid personal injury and material damage:

- Do not reach into the interior of the appliance during operation.
- Keep the appliance and its power cable out of the reach of children under 8 years of age.
- This appliance may be used by children over 8 years of age and by persons with reduced physical, sensory or mental capabilities or a lack of experience and knowledge if they are supervised or have been instructed in using the appliance safely and understand the resulting risks.
- Children must not play with the appliance. Cleaning and maintenance must not be undertaken by children younger than 8 years of age. Children over 8 years of age must be supervised during cleaning and maintenance.
- Disconnect the appliance from the power supply when left unsupervised for a long time.

2 Overview of the appliance

2.1 The appliances at a glance

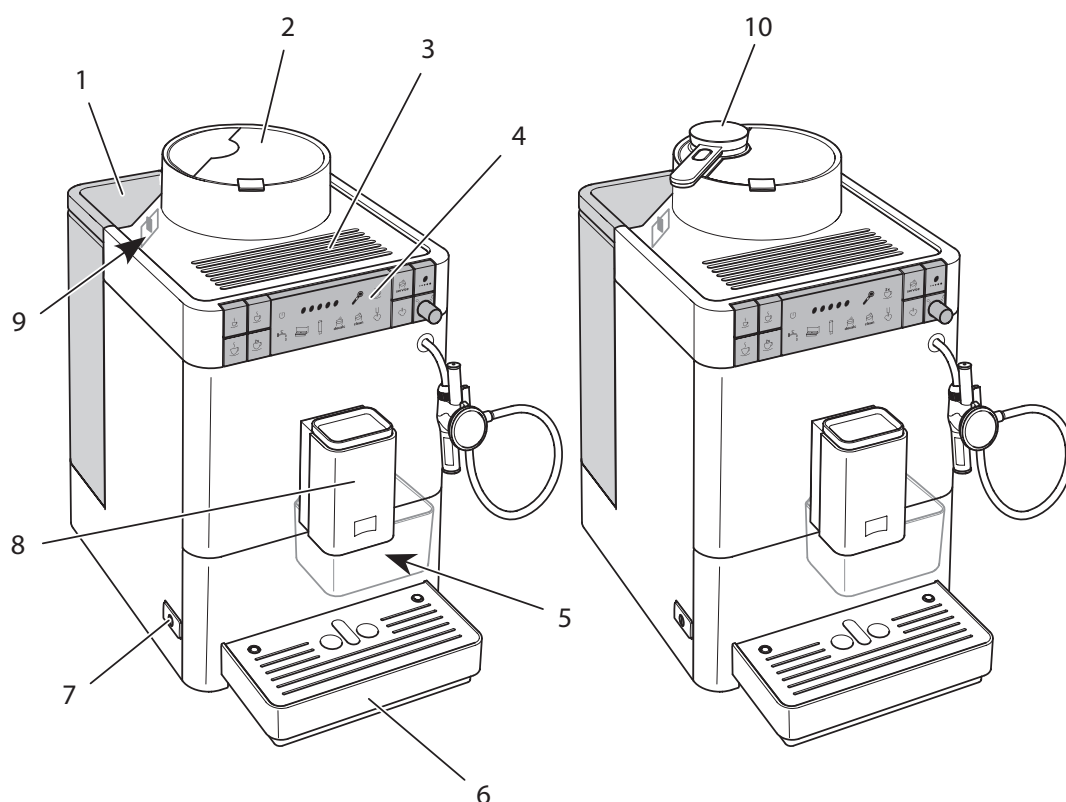


Fig. 1: Caffeo® Passione® and Caffeo® Varianza® CS from front left

- | | |
|------------------------------------|---|
| 1 Water tank with lid | 6 Drip tray |
| 2 Bean container with lid | 7 ON/OFF button |
| 3 Cup rest | 8 Height-adjustable outlet for coffee beverages with 2 coffee nozzles |
| 4 Control panel | 9 "Grinding fineness adjustment" lever (inner) |
| 5 Coffee grounds container (inner) | 10 Measuring spoon* for the My Bean Select® function |

*Only present in Caffeo® Varianza® CS

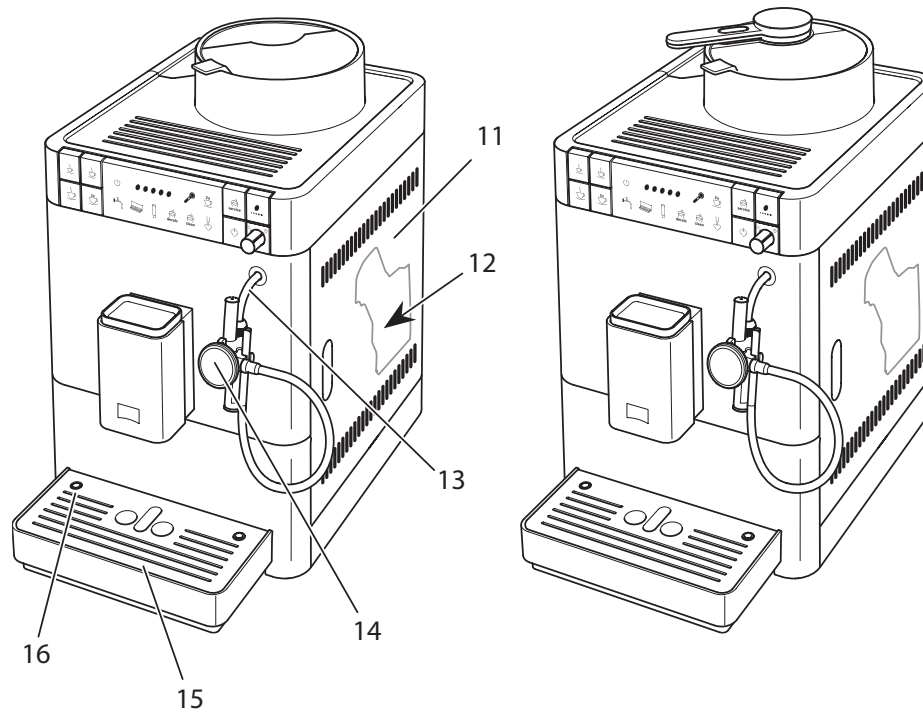


Fig. 2: Caffeo® Passione® and Caffeo® Varianza® CS from front right

- | | |
|-------------------------|-------------------|
| 11 Cover | 14 Cappuccinatore |
| 12 Brewing unit (inner) | 15 Cup plate |
| 13 Steam pipe | 16 Float |

2.2 Overview of the control panel

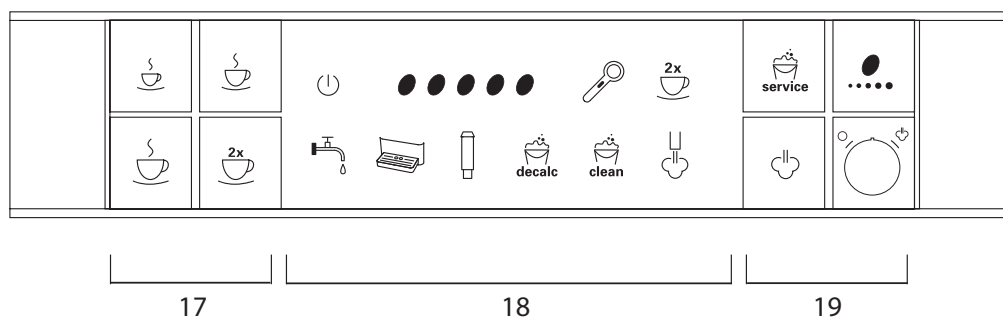




















Fig. 3: Control panel

- 17 Direct keys
- 18 Displays
- 19 Control buttons and rotary regulator

Button/ Regulator	Designation	Function
	Small cup	Prepare small portion of coffee
	Medium cup	Prepare medium portion of coffee
	Large cup	Prepare large portion of coffee
	Two cups	Set two-cup dispensing
	Service	Call up service mode
	Coffee strength	Setting the coffee strength
	Steam dispensing	Appliance for steam dispensing heating
	Rotary regulator	Switching hot water or steam on and off

Display		Meaning
	Lights up	Appliance is ready for operation
	Flashing	Appliance heating up or preparing a coffee beverage
	Flashing quickly	Programme for setting coffee amount running
	Lights up	Number of coffee beans: Currently set coffee strength
	Flashing	Fill bean container or coffee dispensing has stopped
	Lights up*	My Bean Select® function is ready
	Flashing*	Fill bean chute
	Lights up	Two-cup dispensing is ready
	Lights up	Fill water tank
	Flashing	Insert water tank
	Lights up	Empty the drip tray and coffee grounds container
	Flashing	Insert the drip tray and coffee grounds container
	Lights up	Change filter
	Flashing	Change filter programme running
	Lights up	Descalc appliance
	Flashing	Descaling programme running
	Lights up	Clean appliance
	Flashing	Cleaning programme running
	Lights up	Steam dispensing is ready
	Flashing	Appliance heating up for steam dispensing

*Only present with Caffeo® Varianza® CS

2.3 The Cappuccinatore at a glance

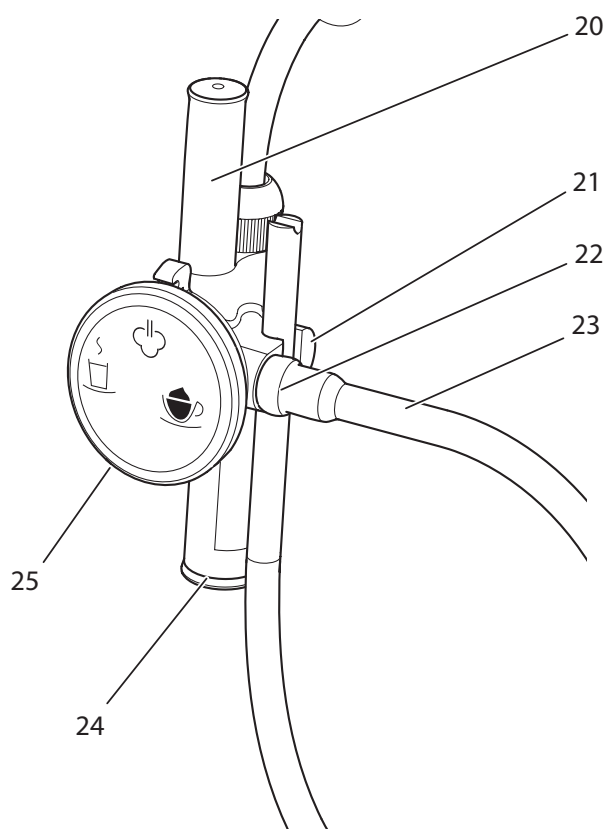




Fig. 4: Cappuccinatore

- 20 Air suction pipe
- 21 Holder for the milk hose
- 22 Connection of the milk hose
- 23 Milk hose
- 24 Outlet for hot water, milk or milk foam
- 25 Selector switch

Symbol on the selector switch	Function
	Setting for warm milk
	Setting for hot water
	Setting for milk foam

3 First steps

This chapter describes how to prepare your appliance for use.

3.1 Unpacking the appliance

In addition to the appliance, there are further accessories in the packaging such as cleaning aids and agents.

CAUTION

Contact with cleaning agents can lead to eye and skin irritation.

- Keep the supplied cleaning agents out of the reach of children.
- Unpack the appliance. Remove the packaging material, the adhesive strips and the protective films from the appliance.
- Keep the packaging material for transport and possible return shipments.

Information

The appliance may contain traces of coffee and water. The appliance has been tested in the factory to ensure that it functions perfectly.

3.2 Checking the delivery contents

Check the completeness of delivery using the following list. If parts are missing, contact your retailer.

- Cappuccinatore
- Milk hose
- Fully automatic coffee makers cleaner
- Milk system cleaning agent
- Fully automatic coffee makers descaling agent
- Water filter
- Screw-in aid for the water filter
- Test strip for determining the water hardness.

3.3 Installing the appliance

Observe the following instructions:

- Do not install the appliance in damp rooms.
- Install the appliance on a stable, flat and dry surface.
- Do not install the appliance in the vicinity of sinks or the like.
- Do not install the appliance on hot surfaces.
- Install the appliance at a sufficient distance (approx. 10 cm) from the wall and other objects. The space above the appliance should be at least 20 cm.
- Route the power cable so it cannot be damaged by edges or hot surfaces.

3.4 Connecting the appliance

Observe the following instructions:

- Make sure that the supply voltage matches the operating voltage specified in the technical data (see the *Technical data* on page 103 table).
- Only connect the appliance to a properly installed earthing contact socket. If in doubt, consult a specialist electrician.
- The earthing contact socket must have a fuse of at least 10 A.

3.5 Switching on and venting the appliance for the first time

Once you switch on the appliance for the first time, the appliance performs automatic rinsing. Hot water first flows out of the Cappuccinatore, then out of the outlet. The appliance is vented.

CAUTION

Hot water and hot steam flowing out of the pipe

- Do not touch the steam pipe during and immediately after use.
- Wait until the steam pipe has cooled down.

Information

- We recommend pouring away the first two cups of coffee after initial start-up.
- If you want to use a water filter, only insert this after starting up for the first time.

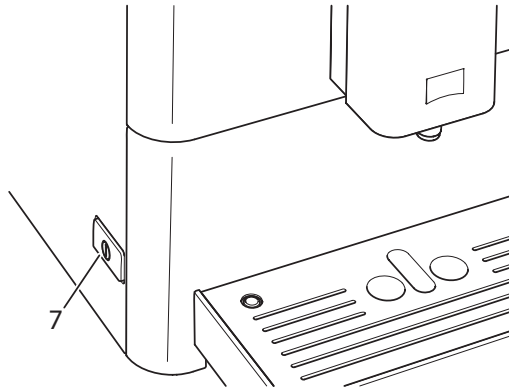


Fig.5: ON/OFF button

Requirement: The appliance has been installed and connected.

1. Place a vessel beneath the Cappuccinatore.
2. Press the ON/OFF button (7).
 - » The appliance indicates that the water tank needs to be filled.
3. Remove the water tank. Rinse out the water tank with clean water. Fill the water tank with fresh water and insert it.
 - » The lighted display indicates that the rotary regulator must be actuated.
4. Turn the rotary regulator on the control panel clockwise up to the stop.
 - » Hot water flows out of the Cappuccinatore.
5. When water no longer flows out of the Cappuccinatore, turn the rotary regulator anti-clockwise to the stop.
 - » Hot water flows out of the outlet.
 - » The appliance is vented.
6. Fill coffee beans into the bean container (see section 4.3 *Filling coffee beans into the bean container* on page 69).
7. As required, you can now either
 - a) set the water hardness (see section 7 *Changing basic settings* on page 82) or
 - b) use a water filter (see section 8.6 *Using a water filter* on page 98).

4 Basic operation

This chapter describes basic operating steps for using the appliance on a daily basis.

4.1 Switching the appliance on and off

Before switching on after starting up the appliance for the first time, read chapter 3.5 *Switching on and venting the appliance for the first time* on page 66.

Information

- When switched on and off, the appliance performs automatic rinsing.
- During rinsing, rinsing water is also conducted into the drip tray.

Switching on the appliance

1. Place a vessel beneath the outlet.
2. Press the ON/OFF button (7).
3. The appliance heats up and performs automatic rinsing.

- » The appliance indicates the last set coffee strength.

Information

If the appliance was only switched off briefly, there is no automatic rinsing after switching on.

Switching off the appliance

1. Place a vessel beneath the outlet.
2. Press the ON/OFF button (7).
 - » The appliance performs automatic rinsing.
- » The appliance switches off.

Information

- The appliance switches off automatically when it is not operated for a long time. Automatic rinsing is also carried out in this case.
- The off time can be set in the service mode (see section 7.3 *Setting Auto OFF* on page 83).
- If no beverage has been prepared since switching on or if the water tank is empty, no rinsing takes place.

4.2 Using the control panel

The essential programmes can be accessed using the control panel.

Press the required button. Use the following actions to operate the buttons:



Brief press

Briefly press a button to select a programme.



Long press

Press a button for longer than 2 seconds to select a second programme that may be available.

4.3 Filling coffee beans into the bean container

Roasted coffee beans lose their aroma. Only fill the bean container with as many coffee beans as you will consume over the next 3 to 4 days.

ATTENTION

The use of unsuitable types of coffee can lead to clogging of the grinder.

- Do not use freeze-dried or caramelised coffee beans.
- Do not use any coffee powder or instant products.

i Information

Depending on the model, when changing the type of beans, remains of the old type of beans can still be in the grinder.

Caffeo® Passione®:

Even if the supply tank runs empty and is then filled with a new type of bean, there are always remaining quantities of the old type of bean in the grinder. For this reason, the first two coffees dispensed can contain remains of the old type of bean.

Caffeo® Varianza® CS:

In order that the coffee beans are not mixed when changing the type of bean (or when using the My Bean Select® function), the grinder is emptied after each grinding process. Nevertheless, minimal coffee type mixing may occur. Grinding when empty causes a different type of noise and is normal.

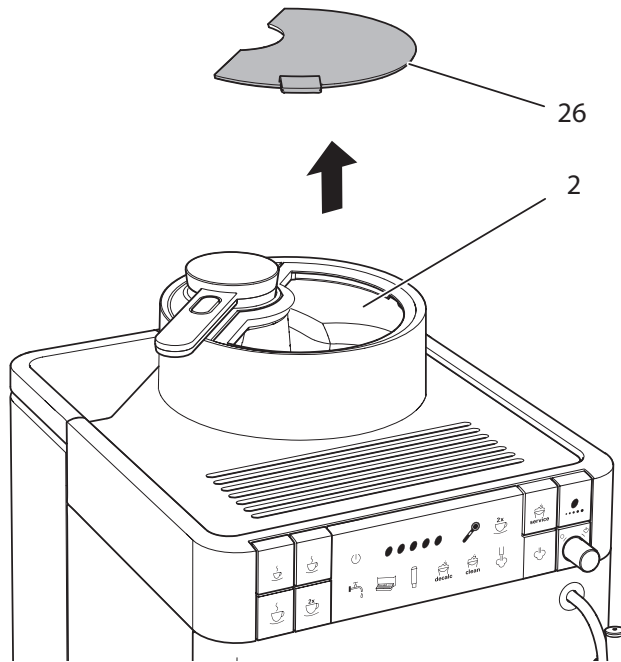


Fig. 6: Open the lid of the bean container (Caffeo® Varianza® CS)

1. Open the lid (26) of the bean container (2).
2. Fill coffee beans into the bean container.
3. Close the lid of the bean container.

i Information

- The flashing display requests you to refill coffee beans. The next time a coffee is dispensed, the display no longer flashes.

4.4 Filling with water

Only use fresh, cold water without carbon dioxide for optimum coffee enjoyment. Change the water daily.

i Information

The quality of the water largely determines the flavour of the coffee. Therefore, use a water filter (see chapter 7.4 *Setting the water hardness* on page 84 and chapter 8.6 *Using a water filter* on page 98).

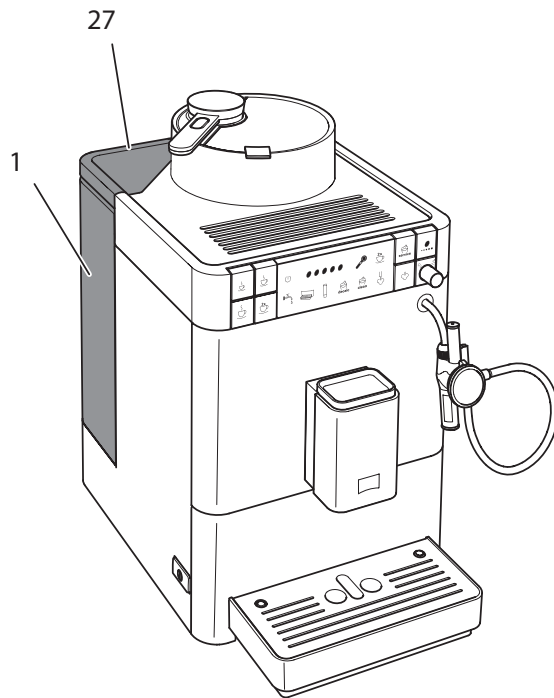


Fig. 7: Water tank (Caffeo® Varianza® CS)

1. Open the lid of the water tank (27) and pull the water tank (1) upwards out of the appliance by the handle.
2. Fill the water tank with water.
3. Insert the water tank into the appliance from above and close the lid.

4.5 Adjusting the outlet for coffee beverages

The outlet for coffee beverages (8) is height-adjustable. Set the greatest possible distance between the outlet and the vessel. Depending on the vessel, push the outlet up or down.

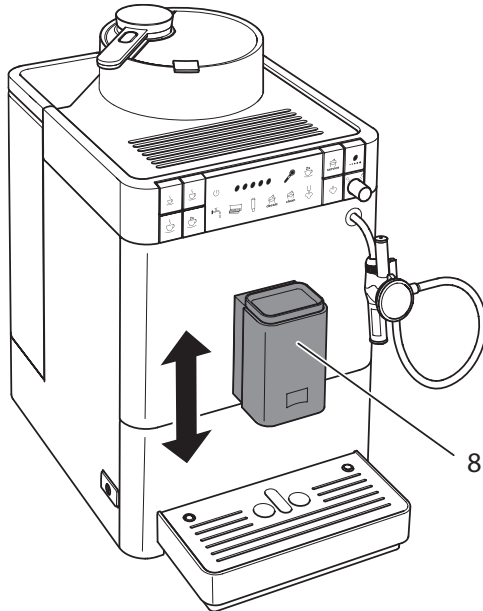


Fig. 8: Setting the outlet for coffee beverages (Caffeo® Varianza® CS)

4.6 Connecting the Cappuccinatore

You can prepare hot water, warm milk or milk foam with the Cappuccinatore. Use the selector switch (25) of the Cappuccinatore to select the desired beverage.

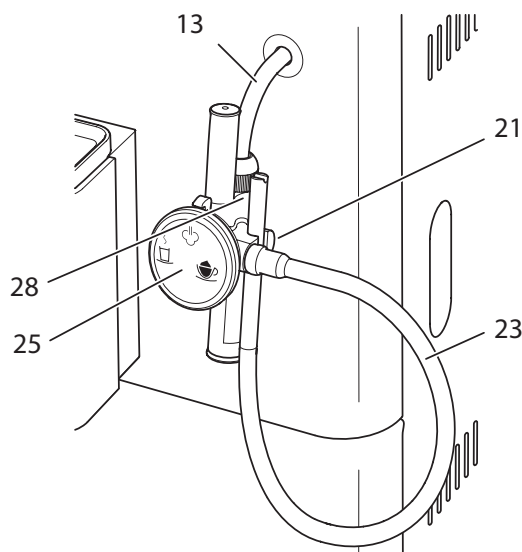


Fig. 9: Connecting the Cappuccinatore

1. Connect the Cappuccinatore to the steam pipe (13). Slide the connection of the Cappuccinatore to the stop (28) of the steam pipe.
2. Connect the milk hose (23) to the Cappuccinatore.
3. If you do not want to use milk, clamp the milk hose in the holder (21).

4.7 Using milk

Use cooled milk for optimum coffee enjoyment.

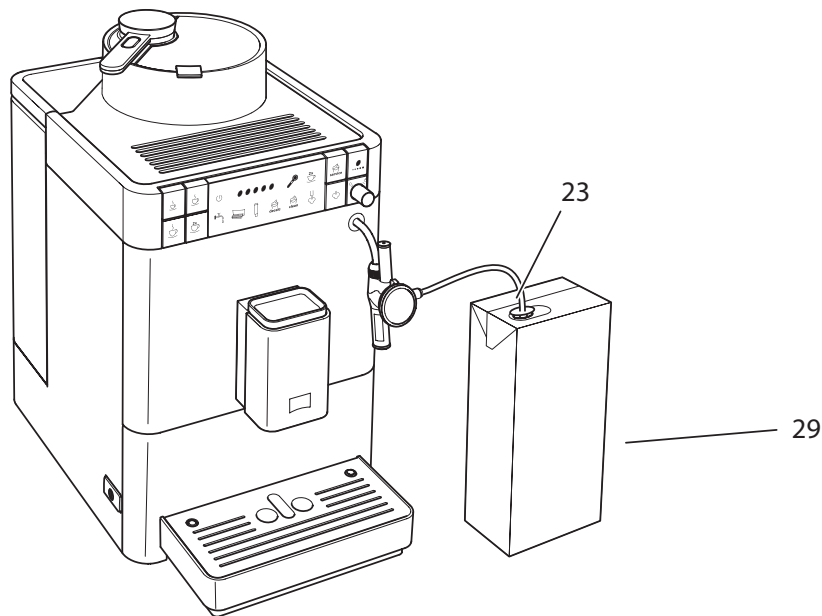


Fig. 10: Conventional milk pack (Caffeo® Varianza® CS)

1. Remove the milk hose (23) from the holder (21).
2. Insert the milk hose into a conventional milk pack (29) or into a vessel filled with milk.

4.8 Emptying the drip tray and coffee grounds container

After several beverage dispensing processes, the drip tray (6) and the coffee grounds container (5) can become full and must be emptied. The projecting float (16) indicates the current filling level of the drip tray.



After a specified number of beverage have been dispensed, the appliance also shows that the drip tray and coffee grounds container are full. Always empty the drip tray and coffee grounds container.

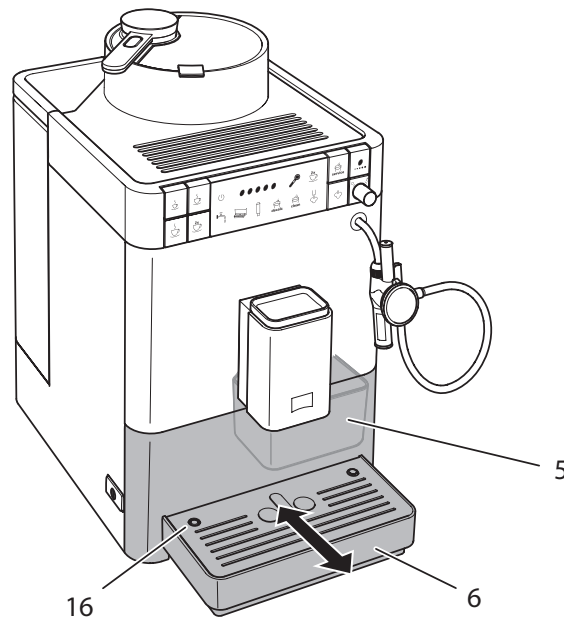


Fig. 11: Emptying the drip tray and coffee grounds container (Caffeo® Varianza® CS)

1. Pull the drip tray (6) forwards out of the appliance.
2. Remove the coffee grounds container (5) and empty it.
3. Empty the drip tray.
4. Insert the coffee grounds container.
5. Push the drip tray into the appliance up to the stop.

i Information

If you empty the drip tray and the coffee grounds container while the appliance is switched off, the appliance does not register this process. Therefore, it is possible that you are requested to empty the containers although the drip tray and the coffee grounds container are not yet full.

5 Using the My Bean Select® function

The function for preparing single portions is only present in the Caffeo® Varianza® CS.

With the My Bean Select® function, a single coffee beverage can be prepared from a different type of coffee. Separately fill a single portion of coffee beans to prepare the coffee.

While the bean container is full with lightly roasted coffee beans, for example, the My Bean Select® function can be used to prepare a coffee beverage from a single portion of darkly roasted coffee beans.

5.1 Filling coffee beans for the My Bean Select® function

ATTENTION

The use of unsuitable types of coffee can lead to clogging of the grinder.

- Do not use freeze-dried or caramelised coffee beans.
- Do not use any coffee powder or instant products.

Information

Depending on the model, when changing the type of beans, remains of the old type of beans can still be in the grinder.

Caffeo® Varianza® CS:

So that the coffee beans are not mixed when changing the type of bean (or when using the My Bean Select® function), the grinder is emptied after each grinding process. Nevertheless, minimal coffee type mixing may occur. Grinding when empty causes a different type of noise and is normal.

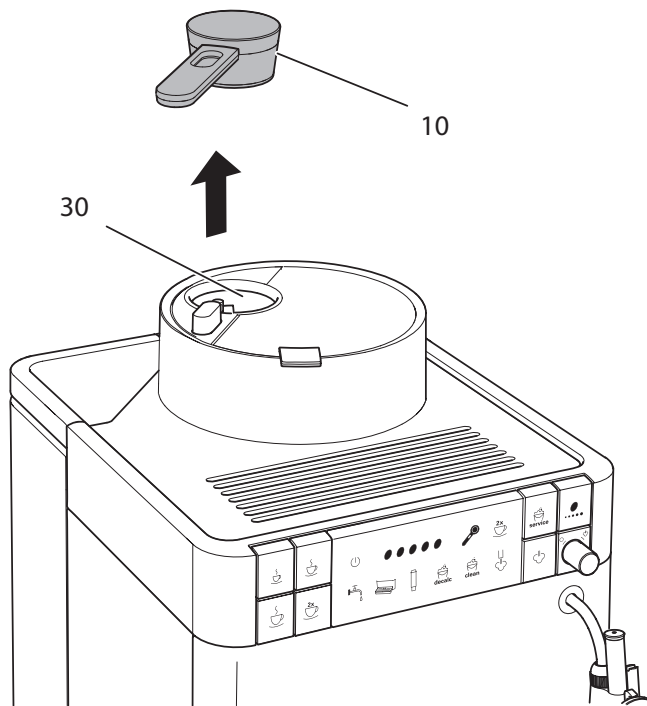


Fig. 12: Removing the measuring spoon (Caffeo® Varianza® CS)

Requirement: The appliance is ready for operation.

1. Remove the measuring spoon (10) from the bean chute (30).
 - » The flashing display requests you to fill the bean chute.
2. Use the measuring spoon to fill a single portion of coffee beans into the bean chute (30).
3. Place the measuring spoon back onto the bean chute.
 - » The lighting display indicates that the My Bean Select® function is ready.
4. Prepare any coffee beverage.

i Information

The measuring spoon is intended to help in filling the correct amount of coffee beans into the bean chute.

- A full measuring spoon contains approx. 10 to 11 g of coffee beans. Depending on the desired coffee strength, fewer coffee beans can also be filled.
- If there are less than approx. 8 g coffee beans in the bean chute, the My Bean Select® function is not activated. As soon as you hang up the measuring spoon again, the display goes out. The next time a coffee is dispensed, the coffee beans from the bean chute are mixed with the coffee beans from the bean container.

6 Preparing beverages

There are two options for preparing beverages:

- Preparing coffee beverages at the outlet for coffee beverages or
- preparing hot water, warm milk and milk foam on the Cappuccinatore.

Note:

- There should always be sufficient water in the water tank. If the filling level is too low, the appliance requests you to refill it.
- There should always also be sufficient coffee beans in the bean container. If there are no longer any coffee beans present, the appliance stops the preparation of a coffee beverage.
- The appliance does not indicate a lack of milk.
- The vessels for the beverages should be sufficiently large (see table *Factory settings* on page 104).

6.1 Setting the coffee strength

As soon as the appliance is ready for operation, it displays the current setting of the coffee strength. The following settings for the coffee strength are possible:

Display	Coffee strength
●	Very mild (without pre-brewing)
● ●	Mild
● ● ●	Normal
● ● ● ●	Strong
● ● ● ● ●	Very strong

Requirement: The appliance is ready for operation.



1. Press the "Coffee strength" button several times to set the desired coffee strength.

- » The appliance indicates the selected coffee strength.

Information

When switching off the appliance, the last set coffee strength is stored.

6.2 Preparing coffee beverages




Requirement: The appliance is ready for operation.



1. Place a vessel beneath the outlet.
2. Press the "Small cup", "Medium cup" or "Large cup" direct key.
 - » The grinding process and beverage dispensing start.
 - » Beverage dispensing ends automatically.
3. Remove the vessel.

6.3 Setting the coffee quantity

The coffee quantity can be specified by selecting a direct key.

Direct key	Coffee quantity (factory setting)
	40 ml
	120 ml
	200 ml

The preset coffee quantity can be changed from 25 ml to 220 ml:

Requirement: The appliance is ready for operation.

1. Press the desired direct key for longer than 2 seconds.
 - » The quickly flashing display indicates that the programme for setting the coffee quantity is running.
 - » The grinding process and beverage preparation start.
 2. Press the selected direct key again as soon as the desired coffee quantity is reached.
 - » Beverage dispensing stops.
 - » The appliance saves the new coffee quantity.
- » The appliance is ready for operation.

Information

The coffee quantity can be reset to the factory settings (see section 7.6 *Resetting the appliance to the factory settings* on page 86).

6.4 Preparing two coffee beverages simultaneously

The "Two cups" button is used to prepare two coffee beverages simultaneously. For two-cup dispensing, the appliance carries out two grinding processes.

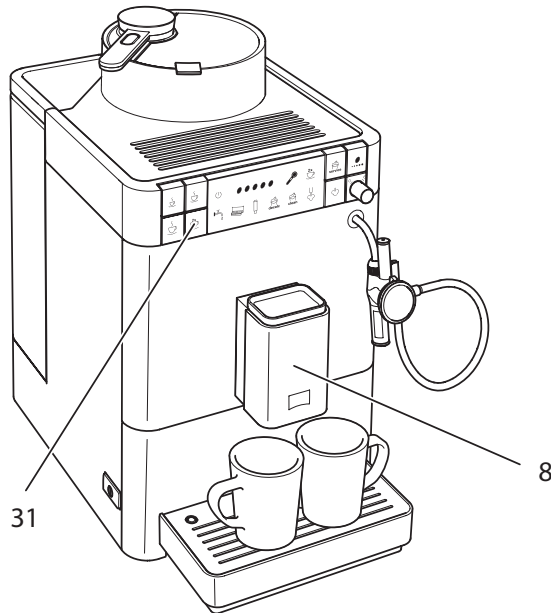


Fig. 13: Two-cup dispensing (Caffeo® Varianza® CS)

1. Place two vessels beneath the outlet (8).
 2. Press the "Two cups" button (31).
3. Press the "Small cup", "Medium cup" or "Large cup" direct key.
 - » The grinding process and beverage dispensing start.
 - » Beverage dispensing ends automatically.
 4. Remove both vessels.

i Information

- The setting only applies to the single beverage that is prepared.
- If a coffee beverage is not prepared within 1 minute, the appliance switches to single-cup dispensing.

6.5 Stopping coffee preparation

To stop coffee beverage preparation prematurely, press the selected direct key again.

6.6 Preparing milk foam or warm milk

Prepare milk foam and warm milk on the Cappuccinatore.

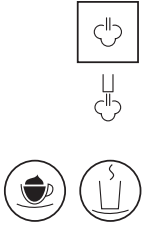
The preparation of milk foam and warm milk is similar. Steam is required for the preparation.

⚠ CAUTION

Hot water and hot steam flowing out of the pipe

- Do not reach into the steam that is flowing out.
- Do not touch the steam pipe during and immediately after use. Wait until the steam pipe has cooled down.

Requirement: The appliance is ready for operation. The Cappuccinatore is connected to the appliance and milk is connected.

- 
1. Place a vessel beneath the Cappuccinatore.
 2. Press the "Steam dispensing" button.
 - » The flashing display indicates that the appliance is heating up for steam dispensing.
 - » The lit-up display then indicates that steam dispensing is ready.
 3. Turn the selector switch of the Cappuccinatore until the desired setting for milk foam or warm milk points upwards.
 4. Turn the rotary regulator on the control panel clockwise up to the stop.
 - » Beverage dispensing starts.
 5. Turn the rotary regulator anti-clockwise up to the stop.
 - » Beverage dispensing stops.
 6. Remove the vessel.
 7. Prepare further beverages or rinse the Cappuccinatore:
 - a) Prepare further beverages and rinse the Cappuccinatore later.
 - b) Rinse the Cappuccinatore as described below.

i Information

After 30 seconds, the appliance switches automatically from steam mode to normal operating mode. Press the "Steam dispensing" button to switch to the normal operating mode prematurely.

Rinsing the Cappuccinatore



1. Fill a vessel with clear water.
2. Immerse the milk hose in the filled vessel.
3. Place an empty vessel beneath the Cappuccinatore.
4. Press the "Steam dispensing" button.
 - » The flashing display indicates that the appliance is heating up for steam dispensing.
 - » The lit-up display then indicates that steam dispensing is ready.
5. Turn the selector switch of the Cappuccinatore until the setting for milk foam points upwards.
6. Turn the rotary regulator clockwise up to the stop.
7. Turn the rotary regulator anti-clockwise up to the stop as soon as a clean water/steam mixture flows into the empty vessel.
 - » The Cappuccinatore is rinsed.

Information

We recommend not only rinsing the Cappuccinatore, but dismantling and cleaning it at regular intervals (see section 8.3 *Cleaning the Cappuccinatore* on page 90).

6.7 Preparing hot water

Prepare hot water on the Cappuccinatore.

CAUTION

Hot water and hot steam flowing out of the pipe

- Do not touch the steam pipe during and immediately after use.
- Wait until the steam pipe has cooled down.

Requirement: The appliance is ready for operation. The Cappuccinatore is connected.



1. Place a vessel beneath the Cappuccinatore.
2. Turn the selector switch of the Cappuccinatore until the setting for hot water points upwards.
3. Turn the rotary regulator clockwise.
 - » Beverage dispensing starts.
4. Turn the rotary regulator anti-clockwise up to the stop.
 - » Beverage dispensing stops.
5. Remove the vessel.

7 Changing basic settings

The following chapter describes how to change the appliance's basic settings.

7.1 Calling up service mode





Some of the basic settings can only be changed in the service mode of the appliance.

Requirement: The appliance is ready for operation.



1. Press the "Service" button for longer than 2 seconds to call up the service mode.
 - » The appliance indicates that it is in one of the service modes described below.

Each service mode is assigned a display.

Display	Meaning in service mode
	Energy save programme
	Auto OFF
	Water hardness
	Brewing temperature

Information

All four basic settings can be reset in service mode to the factory settings (see section 7.6 *Resetting the appliance to the factory settings* on page 86).

7.2 Setting the energy save programme



If the adjacent display lights up in service mode, the energy save programme can be set.

The energy save programme causes lowering of the heating temperature. The display on the control panel also becomes dimmer.

If the appliance is not operated for a long time, it automatically switches to the energy save programme after a specified time.

The following times can be set:

Display	Time
●	3 min
● ●	30 min
● ● ●	60 min
● ● ● ●	120 min
● ● ● ● ●	240 min

Information

Finish the energy save programme by pressing any button.

Requirement: The service mode is called up.



1. Press the "Service" button repeatedly until the display for the energy save programme appears.
2. Press the "Coffee strength" button repeatedly until the desired time is set.
3. Call up the next basic setting in the service mode or exit the service mode:
 - a) Briefly press the "Service" button to navigate to the next basic setting.
 - b) Press the "Service" button for longer than 2 seconds to exit the service mode.

» The new time for switching on the energy save mode is stored.

7.3 Setting Auto OFF



If the adjacent display lights up in service mode, the Auto OFF can be set.

If the appliance is not operated for a long time, it switches off automatically after a specified time. The following times can be set:

Display	Time
●	9 min
● ●	30 min
● ● ●	60 min
● ● ● ●	240 min
● ● ● ● ●	480 min



Requirement: The service mode is called up.

1. Press the "Service" button repeatedly until the display for the Auto OFF service mode appears.
2. Press the "Coffee strength" button repeatedly until the desired time is set.
3. Call up the next basic setting in the service mode or exit the service mode:
 - a) Briefly press the "Service" button to navigate to the next basic setting.
 - b) Press the "Service" button for longer than 2 seconds to exit the service mode.

» The new time for Auto OFF is stored.

7.4 Setting the water hardness



If the adjacent display lights up in the service mode, the water hardness can be set.

Setting the water hardness regulates how frequently you are requested to descale the appliance. The harder the water, the more frequently the appliance has to be descaled.

Information

The water hardness cannot be set if you use a water filter (see section 8.6 *Using a water filter* on page 98). If a water filter is used, the water hardness is set to soft.

Determine the water hardness with the enclosed test strip. Observe the instructions on the test strip packaging and in Table *Water hardness* on page 84.

Setting of the following water hardnesses is possible:

Display	Water hardness
●	Soft, descaling after 150 litres
● ●	Medium, descaling after 100 litres
● ● ●	Hard, descaling after 60 litres
● ● ● ●	Very hard, descaling after 35 litres

Requirement: The service mode is called up.



1. Press the "Service" button repeatedly until the display for the water hardness service mode appears.
2. Press the "Coffee strength" button repeatedly until the desired water hardness is set.
3. Call up the next basic setting in the service mode or exit the service mode:
 - a) Briefly press the "Service" button to navigate to the next basic setting.
 - b) Press the "Service" button for longer than 2 seconds to exit the service mode.

» The new setting for the water hardness is stored.

7.5 Setting the brewing temperature



If the adjacent display lights up in the service mode, the brewing temperature can be set.

The brewing temperature influences the flavour of the coffee beverage. The brewing temperature can be set to your requirements as follows:

Display	Brewing temperature
●	Low
● ●	Medium
● ● ●	High

Requirement: The service mode is called up.



1. Press the "Service" button repeatedly until the display for the brewing temperature service mode appears.
2. Press the "Coffee strength" button repeatedly until the desired brewing temperature is set.
3. Call up the next basic setting in the service mode or exit the service mode:
 - a) Briefly press the "Service" button to navigate to the next basic setting.
 - b) Press the "Service" button for longer than 2 seconds to exit the service mode.

» The new brewing temperature is stored.

7.6 Resetting the appliance to the factory settings

The appliance can be reset to the factory settings.

i Information

If the appliance is reset to the factory settings, all personal basic settings in service mode are lost (see section 7.1 *Calling up service mode* on page 82).

Requirement: The appliance is ready for operation.



1. Press the "Service" button and also the "Medium cup" direct key.
 - » The flashing display indicates that the function has been activated.
 - » The appliance is reset to the factory settings (see Table *Factory settings* on page 104).

7.7 Setting the grinding fineness

The grinding fineness of the coffee powder influences the flavour of the coffee. The grinding fineness has been optimally set prior to delivery. We recommend adjusting the grinding fineness after around 1,000 beverages have been dispensed (after around 1 year) at the earliest.

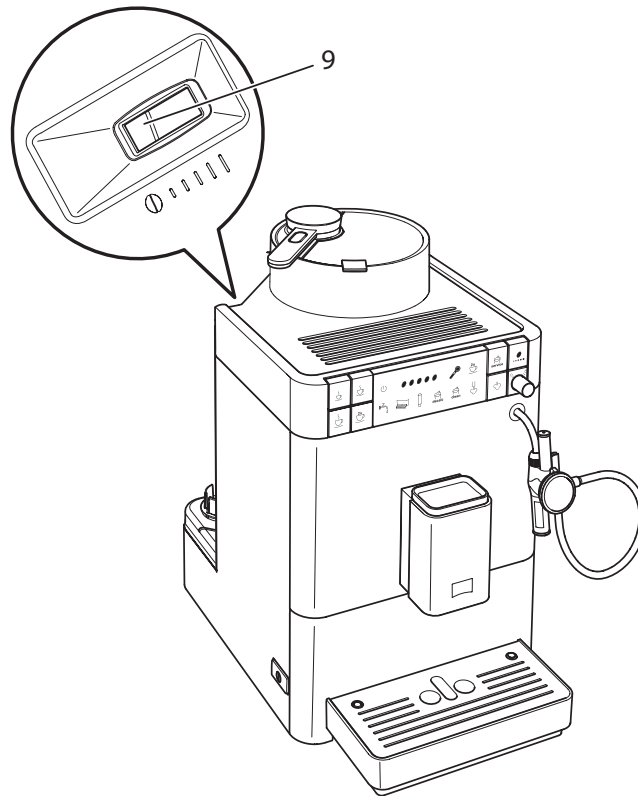


Fig. 14: Lever for setting the grinding fineness (Caffeo® Varianza® CS)

1. Remove the water tank.
 - » The "Grinding fineness adjustment" lever (9) is visible on the housing.
2. Move the lever to the left or right, as shown on *Fig. 14*.
 - To the left = grinding fineness finer
 - To the right = grinding fineness coarser
3. Insert the water tank again.

i Information

- If the grinding fineness is set finer, the coffee flavour is stronger.
- The grinding fineness is optimally set when the coffee flows evenly out of the outlet and a fine, dense crema appears.

8 Care and maintenance

Regular care and maintenance of the appliance ensure the consistent high quality of your beverages.

8.1 General cleaning

Clean the appliance regularly. Immediately remove external soiling caused by milk and coffee.

ATTENTION

The use of unsuitable cleaning agents may lead to scratched surfaces.

- Do not use any abrasive cloths, sponges or cleaning agents.

Requirement: The appliance is switched off.

- Clean the outside of the appliance with a soft, damp cloth and normal washing-up liquid.
- Rinse off the drip tray and the coffee grounds container. Use a soft, damp cloth and normal washing up liquid for this.
- Clean the bean container with a soft, dry cloth.
- The coffee grounds container (5) and the cup plate (15) can be washed in a dishwasher.

8.2 Cleaning the brewing unit

To avoid damage to the appliance, we recommend cleaning the brewing unit once a week.

In the course of the cleaning operations, the coffee residues behind the cover on the appliance surfaces can be removed with a soft, dry cloth.

⚠ CAUTION

Electric shock when cleaning the open appliance

- Switch off the appliance before cleaning the appliance surfaces behind the cover.

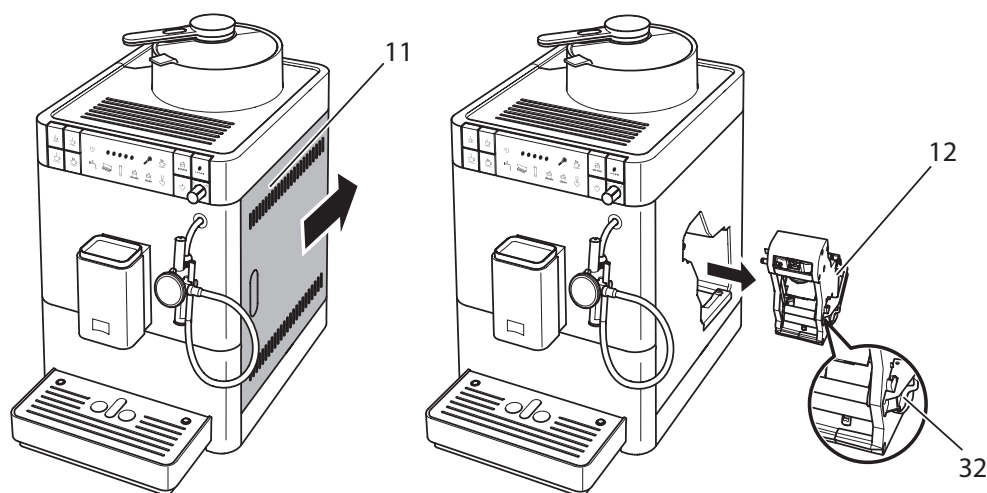


Fig. 15: Removing the brewing unit (Caffeo® Varianza® CS)

1. Open the cover (11). To do this, reach into the recess on the right of the appliance and push the cover off backwards. Take off the cover.
2. Press and hold the red lever (32) on the handle of the brewing unit (12) and turn the handle clockwise until it engages at the stop.
3. Pull the brewing unit out of the appliance by the handle.

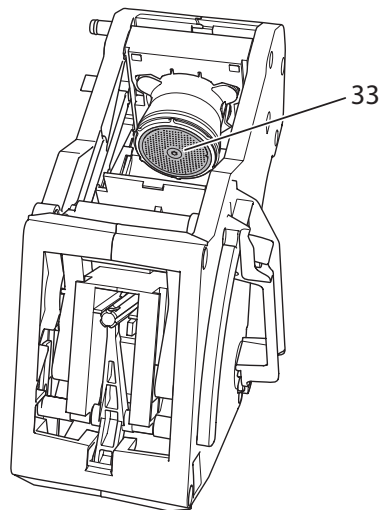


Fig. 16: Cleaning the brewing unit

1. Rinse the brewing unit thoroughly from all sides under running water.
» The brewing unit and the sieve (33) are free of coffee residues.
2. Allow the brewing unit to drip dry.
3. Insert the brewing unit into the appliance. Press and hold the red lever on the handle of the brewing unit and turn the handle counter anti-clockwise until it engages at the stop.
4. Close the cover. To do this, insert the cover and move the cover forwards until it engages.

8.3 Cleaning the Cappuccinatore

In addition, we recommend cleaning the Cappuccinatore and the milk hose regularly.

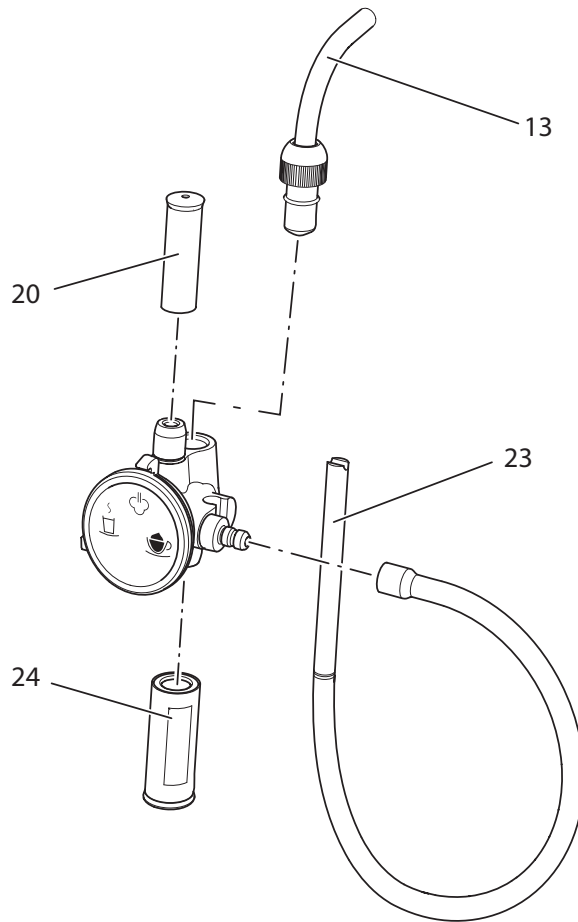


Fig. 17: Dismantling the Cappuccinatore

Proceed as follows to dismantle the Cappuccinatore:

1. Detach the Cappuccinatore from the steam pipe (13).
2. Detach the following individual parts from the Cappuccinatore:
 - Milk hose (23)
 - Air suction pipe (20)
 - Outlet (24)
3. Clean the Cappuccinatore and the individual parts with warm water.
4. Re-assemble the Cappuccinatore.
5. Connect the Cappuccinatore to the appliance (see section 4.6 *Connecting the Cappuccinatore* on page 72).

8.4 Running the cleaning programme

This cleaning programme is used to remove residues and coffee oil residues with the aid of fully automatic coffee maker cleaning agents.

To avoid damage to the appliance, we recommend running the cleaning programme every 2 months or as requested by the appliance.

The cleaning programme takes approximately 3 minutes and should not be interrupted.

⚠ CAUTION

Contact with fully automatic coffee maker cleaning agent may lead to eye and skin irritation.








- Observe the processing instructions on the packaging of the fully automatic coffee maker cleaning agent.

ATTENTION

The use of unsuitable fully automatic coffee maker cleaning agent can damage the appliance.

- Only use the Melitta® PERFECT CLEAN Espresso Machines cleaning tablets.

Requirement: The appliance is ready for operation. The water tank is full.

Buttons	Displays	Steps
 	    	<ol style="list-style-type: none"> Press the "Service" button and also the "Coffee strength" button for longer than 2 seconds. <ul style="list-style-type: none"> » The appliance indicates that: <ul style="list-style-type: none"> – the cleaning programme is running – the first programme stage is reached – the drip tray and the coffee grounds container must be emptied. Empty the drip tray and the coffee grounds container (see section 4.8 <i>Emptying the drip tray and coffee grounds container</i> on page 74). Insert the drip tray without the coffee grounds container. <ul style="list-style-type: none"> » The appliance indicates that the second program stage is reached. » The appliance rinses twice. » The flashing display requests you to remove the brewing unit and insert a cleaning tablet.

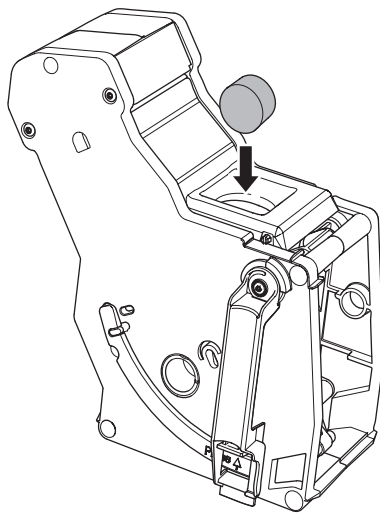




Fig. 18: Placing a cleaning tablet in the brewing unit.

Buttons	Displays	Steps
		<p>4. Place the coffee grounds container beneath the outlet.</p> <p>5. Remove the brewing unit and clean it as described in section 8.2 <i>Cleaning the brewing unit</i> on page 88. Do not switch off the appliance.</p> <p>6. Place a cleaning table in the brewing unit (see Fig. 18). Insert the brewing unit into the appliance as described in section 8.2 <i>Cleaning the brewing unit</i> on page 88.</p>
	● ● ●	<p>» The appliance indicates that the third programme stage is reached.</p> <p>» The cleaning process starts.</p> <p>» After several minutes, the appliance indicates that:</p> <ul style="list-style-type: none"> – the fourth programme stage is reached – the drip tray and the coffee grounds container must be emptied.
	● ● ● ● ● 	<p>7. Empty the drip tray and the coffee grounds container.</p> <p>8. Insert the drip tray without the coffee grounds container.</p> <p>9. Place the coffee grounds container beneath the outlet.</p>
	● ● ● ● ● ● 	<p>» The appliance indicates that the last program stage is reached.</p> <p>» The cleaning process is continued.</p> <p>» The appliance then indicates that the drip tray and the coffee grounds container must be emptied.</p> <p>10. Empty the drip tray and the coffee grounds container.</p> <p>11. Insert the drip tray and the coffee grounds container.</p>
	⏻	<p>» The appliance is ready for operation.</p>

8.5 Running the descaling programme

The descaling programme is used to remove limescale deposits in the interior of the appliance with fully automatic coffee maker descaling agents.

To avoid damage to the appliance, we recommend running the "Descaling" programme every 3 months or as requested by the appliance.

The descaling programme takes approximately 25 minutes and should not be interrupted.

⚠ CAUTION

Contact with fully automatic coffee maker descaling agent may lead to eye and skin irritation.

- Observe the processing instructions on the packaging of the fully automatic coffee maker descaling agent.

⚠ CAUTION

Hot water and hot steam flowing out of the pipe

- Do not touch the steam pipe during and immediately after use.
- Wait until the steam pipe has cooled down.

ATTENTION

Use of unsuitable descaling agent may damage the appliance.










- Only use the Melitta® ANTI CALC Espresso Machines liquid descaling agent.




ATTENTION




A water filter may be damaged if it is screwed in during the descaling programme.

- Remove the water filter.
- Place the water filter into a vessel filled with tap water during the descaling programme.
- The water filter can be reinserted and reused on completion of the descaling programme.

Requirement: The appliance is ready for operation. 0.5 litres of descaling solution has been prepared and is ready for use.

Symbol on the selector switch or buttons	Displays	Steps
<div></div> <div></div>	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div>	<div><div>1. Press the "Service" button and also the "Steam dispensing" button for longer than 2 seconds.</div><div>» The appliance indicates that:<ul style="list-style-type: none">– the descaling program is running– the first programme stage is reached– the drip tray and the coffee grounds container must be emptied.</div><div>2. Empty the drip tray and the coffee grounds container (see section 4.8 <i>Emptying the drip tray and coffee grounds container</i> on page 76).</div><div>3. Turn the selector switch until the setting for hot water points upward.</div><div>4. Insert the drip tray without the coffee grounds container.</div><div>» The appliance indicates that:<ul style="list-style-type: none">– the second programme stage is reached– the water tank must be filled.– Descaling fluid must be filled into the water tank.</div><div>5. Place the coffee grounds container beneath the Cappuccinatore.</div><div>6. Open the lid of the water tank and pull the water tank upwards out of the appliance by the handle.</div><div>7. Fill 0.5 litres of descaling fluid into the water tank. Observe the corresponding instructions for use of the fully automatic coffee maker descaling agent.</div></div>

Symbol on the selector switch or buttons	Displays	Steps
	  	<p>8. Insert the water tank again.</p> <ul style="list-style-type: none"> » The descaling process starts. » After several minutes, the appliance indicates that: <ul style="list-style-type: none"> – the third programme stage is reached – the rotary regulator must be actuated. <p>9. Turn the rotary regulator clockwise up to the stop.</p> <ul style="list-style-type: none"> » The descaling process is continued. » After several minutes, the appliance indicates that the drip tray and the coffee grounds container must be emptied. <p>10. Empty the drip tray and the coffee grounds container.</p> <p>11. Insert the drip tray without the coffee grounds container.</p> <ul style="list-style-type: none"> » The appliance indicates that: <ul style="list-style-type: none"> – the fourth programme stage is reached – the water tank must be filled. <p>12. Place the coffee grounds container beneath the Cappuccinatore.</p> <p>13. Open the lid of the water tank and pull the water tank upwards out of the appliance by the handle.</p> <p>14. Empty and clean the water tank.</p> <p>15. Fill the water tank with fresh water and re-insert it.</p> <ul style="list-style-type: none"> » Hot water flows into the coffee grounds container. <p>16. As soon as hot water no longer flows, turn the rotary regulator anti-clockwise to the stop.</p>

Symbol on the selector switch or buttons	Displays	Steps
	  	<ul style="list-style-type: none">» The appliance indicates that the last program stage is reached.» Hot water flows into the drip tray.» After several minutes, the appliance indicates that the drip tray and the coffee grounds container must be emptied. <p>17. Empty the drip tray and the coffee grounds container.</p> <p>18. Insert the drip tray and the coffee grounds container.</p> <ul style="list-style-type: none">» The appliance is ready for operation.

8.6 Using a water filter

The use of a water filter extends the service life of the appliance and the appliance has to be descaled less frequently. The water filter contained in the scope of delivery filters calcium and other pollutants out of the water.

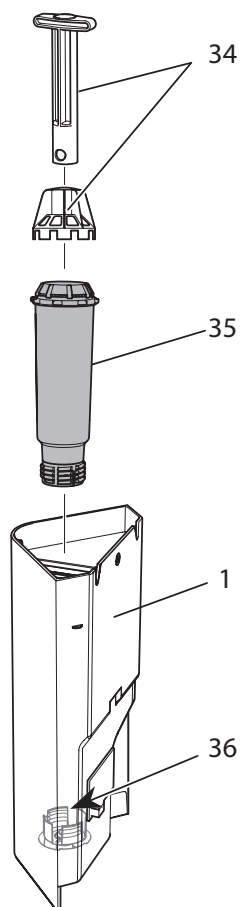


Fig. 19: Screwing/Unscrewing the water filter

The water filter (35) is screwed in and unscrewed from the thread (36) on the base of the water tank (1) using the screwing aid (34).

i Information

The water filter should not be left standing dry for a long period of time. When it is not used for a long time, we recommend storing the water filter in a vessel filled with tap water in the refrigerator.

Inserting the water filter

Information

The water hardness cannot be set if you use a water filter. The water hardness is automatically set to soft (see section 7.4 *Setting the water hardness* on page 84).

Requirement: The appliance is ready for operation. The new water filter is at hand.



1. Press the "Service" button and also the "Two cups" button for longer than 2 seconds.
 - » The appliance indicates that:
 - the filter programme is running
 - the drip tray and the coffee grounds container must be emptied.
2. Empty the drip tray and the coffee grounds container.
3. Insert the drip tray without the coffee grounds container.
 - » The appliance indicates that the water tank needs to be filled.
4. Place the coffee grounds container beneath the Cappuccinatore.
5. Open the lid of the water tank and pull the water tank upwards out of the appliance by the handle.
6. Empty the water tank.
7. Insert a new filter in the water tank (see *Fig. 19*).
8. Fill the water tank.
9. Insert the water tank again.
 - » The lighted display indicates that the rotary regulator must be actuated.
10. Turn the rotary regulator clockwise up to the stop.
 - » The filter is rinsed with water.
 - » Water flows into the vessel beneath the Cappuccinatore.

Information

If the appliance indicates that the water tank must be filled during this process, first turn the rotary regulator anticlockwise to the stop. Fill the water tank. As soon as you have inserted the filled water tank, turn the rotary regulator clockwise back to the stop.

11. If water no longer flows into the vessel and the appliance does not indicate that the water tank must be filled, turn the rotary regulator anticlockwise to the stop.
12. Insert the coffee grounds container in the drip tray again.
 - » The new filter is inserted and the appliance is ready for operation.

Changing the water filter

Insert a new water filter (see section *Inserting the water filter* on page 99).

Permanently de-registering the water filter

If you have removed an inserted water filter and want to continue operating the appliance without a water filter, de-register the water filter from the appliance:

1. Remove the water tank.
2. Remove the water filter (see *Fig. 19*).
3. Fill the water tank.
4. Press the "Service" button and also the "Large cup" direct key for longer than 2 seconds.
 - » The water filter is de-registered.
 - » The water hardness is reset to the water hardness that the appliance had stored prior to inserting a water filter.
5. Adjust the water hardness if necessary (see section *7.4 Setting the water hardness* on page 84).








9 Problems

If the actions listed below fail to rectify the problems or other problems not listed here occur, contact our hotline (local rate).

United Kingdom: +44 (0)800/ 0288 002

Problem	Cause	Action
Coffee only emerges as drips from the outlet.	Grinding fineness is too fine.	<ul style="list-style-type: none"> Set a coarser grinding fineness (see section 7.7 one page 86).
	Appliance is soiled.	<ul style="list-style-type: none"> Clean the brewing unit (see section 8.2 one page 88). Run the cleaning programme (see section 8.4 one page 91).
	Appliance is covered inside with limescale.	<ul style="list-style-type: none"> Run the descaling program (see section 8.5 one page 94).
Coffee does not flow.	Water tank is not filled or is not correctly inserted.	<ul style="list-style-type: none"> Fill the water tank and ensure it is positioned correctly (see chapter 4.4 one page 70).
	Brewing unit is clogged.	<ul style="list-style-type: none"> Clean the brewing unit (see chapter 8.2 one page 88).

Problem	Cause	Action
When foaming milk, there is not enough milk foam.	Selector switch is not in the correct position.	<ul style="list-style-type: none"> Turn the selector switch to the correct position (see section 6.6 one page 80).
	Cappuccinatore is soiled.	<ul style="list-style-type: none"> Clean the Cappuccinatore (see section 8.3 one page 90).
Although the bean container is full, the appliance indicates that coffee beans must be filled.	Coffee beans do not drop into the grinder.	<ul style="list-style-type: none"> Press a direct key. Tap lightly on the bean container. Clean the bean container. Coffee beans are too oily. Use different coffee beans.
Loud grinder noise.	Foreign objects in the grinder.	<ul style="list-style-type: none"> Contact the hotline.
With the <i>My Bean Select®</i> function, the display goes off when the measuring spoon is put back on.	There are less than 8 g of coffee beans in the bean chute.	<ul style="list-style-type: none"> Top up coffee beans (see section 5.1 one page 75).
Brewing unit cannot be inserted after removing.	Handle for the locking mechanism of the brewing unit is not in the correct position.	<ul style="list-style-type: none"> Check that the handle for the locking mechanism is correctly engaged (see section 8.2 one page 88).
	Drive is not in the correct position.	<ul style="list-style-type: none"> Press and hold the "Coffee strength" button. Also press the ON/OFF button. The appliance initialises. Release buttons again.
Rapid alternate flashing of the displays:  	Software problem.	<ul style="list-style-type: none"> Switch the appliance off and on again (see chapter 4.1 one page 68). Contact the hotline.
Rapid alternate flashing of the displays:  	Brewing unit is not inserted.	<ul style="list-style-type: none"> Insert brewing unit.
The display lights up without having been activated: 	Appliance is not fully vented.	<ul style="list-style-type: none"> Vent the appliance, turn the rotary regulator clockwise to the stop for this. As soon as water flows out of the Cappuccinatore, turn the rotary regulator anti-clockwise to the stop. Clean the brewing unit (see section 8.2 one page 88).

10 Transport, storage and disposal

10.1 Venting the appliance

We recommend venting the appliance when it is not used for a long period, prior to transport and when there is a risk of frost.

During venting, residual water is removed from the appliance.

⚠ CAUTION

Hot water and hot steam flowing out of the pipe

- Do not reach into the steam that is flowing out.
- Do not touch the steam pipe during and immediately after use. Wait until the steam pipe has cooled down.

Requirement: The appliance is ready for operation.



1. Place a vessel beneath the Cappuccinatore.
2. Press the "Service" button and also the "Small cup" direct key for longer than 2 seconds.
 - » The display flashes for the duration of the venting.
 - » The lighting display indicates that the water tank must be removed.
3. Remove the water tank.
 - » The lighted display indicates that the rotary regulator must be actuated.
4. Turn the rotary regulator clockwise up to the stop.
 - » Water and steam escape from the Cappuccinatore.
 - » The display flashes.
5. As soon as water and steam no longer escape, turn the rotary regulator anti-clockwise to the stop.
 - » The appliance is vented and switches off automatically.

i Information

If you put the appliance back into operation, automatic rinsing is carried out after switching on and the appliance vented (see section 3.5 *Switching on and venting the appliance for the first time* on page 66).

10.2 Transporting the appliance

ATTENTION

Freezing residual water can damage the appliance.

- Prevent the appliance from being exposed to temperatures below 0 °C.

Information

Transport the appliance in the original packaging. This avoids damage in transit.

Before transporting the appliance, carry out the following activities:

1. Vent the appliance (see chapter 10.1 *Venting the appliance* on page 102).
2. Empty the drip tray and the coffee grounds container.
3. Empty the water tank.
4. Empty the bean container.
5. Clean the appliance (see chapter 8.1 *General cleaning* on page 87).
6. Secure loose parts (cup plate, etc.) with suitable adhesive tape.
7. Package the appliance.

10.3 Disposing of the appliance



Appliances marked with this symbol are subject to European Directive 2002/96/EC for WEEE (Waste Electrical and Electronic Equipment).



Electrical appliances do not belong in domestic waste.

- Dispose of the appliance in an environmentally friendly manner via suitable collection systems.

11 Technical data

Technical data	
Operating voltage	220 V to 240 V, 50 Hz
Power consumption	Maximum 1450 W
Pump pressure	Static, max. 15 bar
Dimensions	
Width	253 mm
Depth	380 mm
Height	
– Caffeo® Varianza® CS	405 mm
– Caffeo® Passione®	390 mm

Technical data	
Capacity	
Bean container	125 g
Measuring spoon	10 g to 11 g (depending on coffee type)
Water tank	1.2 l
Capacity limits per dispensing process	
Continuous steam dispensing	180 s
Dispensing hot water	440 ml
Weight (empty)	
– Caffeo® Varianza® CS	11.2 kg
– Caffeo® Passione®	11,0 kg
Ambient conditions	
Temperature	10 °C to 32 °C
Relative humidity	30 % to 80 % (non-condensing)

Water hardness range	°d	°e	°f
Soft	0 to 10	0 to 13	0 to 18
Medium	10 to 15	13 to 19	18 to 27
Hard	15 to 20	19 to 25	27 to 36
Very hard	<20	>25	>36

Factory settings		
Small cup	Beverage amount	40 ml
	Coffee strength	Normal
	Brewing temperature	Normal
Medium cup	Beverage amount	120 ml
	Coffee strength	Normal
	Brewing temperature	Normal
Large cup	Beverage amount	200 ml
	Coffee strength	Normal
	Brewing temperature	Normal
Milk	Foam amount	180 ml
	Milk amount	180 ml



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