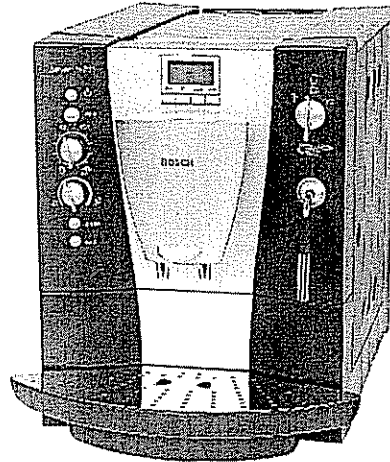


BOSCH

Use and Care Manual
For Household Use Only
Notice d'utilisation et d'entretien
Usage domestique uniquement
Manual de instrucciones y cuidado
Sólo para uso doméstico



Automatic Coffee Center
TCA 6301 UC



Use and Care Manual	3
READ THIS MANUAL thoroughly for important safety and operating instructions before using this appliance.	
<hr/>	
Notice d'utilisation et d'entretien	34
Avant tout utilisation, LISEZ ATTENTIVEMENT ce manuel, vous y trouverez des consignes importantes portant sur la sécurité et le fonctionnement de votre appareil.	
<hr/>	
Manual de instrucciones y cuidado	67
LEA ESTAS INSTRUCCIONES cuidadosamente por las instrucciones importantes de seguridad y funcionamiento antes de utilizar el electrodoméstico.	

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IMPORTANT SAFEGUARDS

WARNING: A risk of fire and electric shock exists in all electrical appliances and may cause personal injury or death.

When using electrical appliances, basic safety precautions should always be followed, including the following:

1. Read all instructions.
2. Do not touch hot surfaces. Use handles or knobs.
3. To protect against fire, electric shock and personal injury, do not immerse cord, plug or appliance in water or other liquids.
4. Close supervision is necessary when any appliance is used by or near children.
5. Unplug from outlet when not in use and before cleaning. Allow the appliance to cool before putting on or taking off parts, and before cleaning the appliance.
6. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or has been damaged in any way. Return appliance to the nearest authorized service facility for examination, repair or adjustment.
7. The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock, or personal injury.
8. Do not use outdoors.
9. Do not let the cord hang over the edge of a table or counter, or touch hot surfaces.
10. Do not place on or near a hot gas or electric burner, or in a heated oven.
11. To disconnect, turn any control to "off" then remove plug from wall outlet.
12. Do not use appliance for other than intended use.
13. Use extreme caution when disposing hot steam.

SAVE THESE INSTRUCTIONS
HOUSEHOLD USE ONLY

⚠ CAUTION

This appliance is designed for domestic use and for processing normal quantities of food and not for industrial use. Any servicing other than cleaning and user maintenance should be performed by an authorized service representative.

- Do not immerse base in water or try to disassemble.
- To reduce the risk of fire or electric shock, do not open the enclosure. No user serviceable parts inside. Repair should be done by authorized service personnel only.
- Check voltage to be sure that the voltage indicated on the name plate agrees with your voltage.
- Never use warm or hot water to fill the water container! Use cold water only.
- Keep your hands and the cord away from hot parts of the appliance during operation.
- Never clean with scouring powders or hard implements.
- Never use a steam cleaner
- Carefully read the operating instructions and keep in the document holder 10!
- Do not touch the grinder!

A short power supply cord is provided to reduce the risk resulting from becoming entangled in or tripping over a longer cord.

Extension cords are available and may be used if care is exercised in their use.

If an extension cord is used,

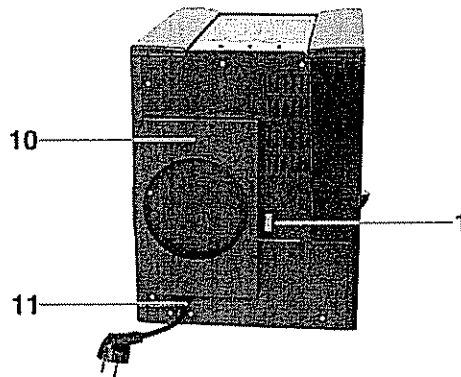
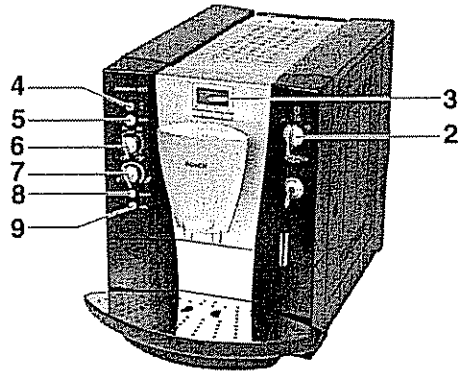
1. the marked electrical rating of the extension cord should be at least as great as the electrical rating of the appliance, and
2. the longer cord should be arranged so that it will not drape over the counter of a table top where it could be pulled on by children or tripped over unintentionally.

This appliance has a polarized plug (one prong is wider than the other). As a safety feature, this plug will fit into a polarized outlet only one way. If the plug does not fill fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not modify the plug in any way.

Overview

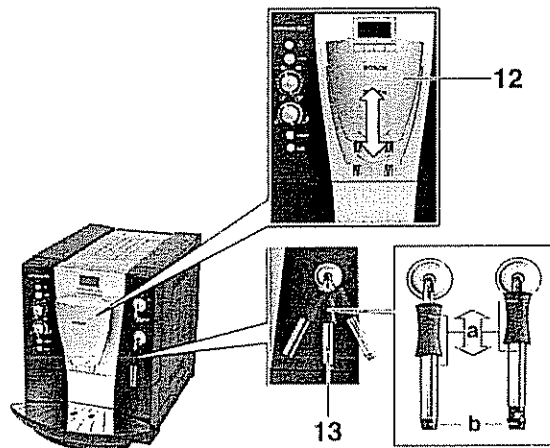
Controls

- 1 Power switch
- 2 Function selector
coffee/steam/hot water
- 3 Display with 4 function
buttons
- 4 ☺ button
- 5 **cafe** button
- 6 Rotary knob for adjusting
the filling quantity
☺ - ☺ / ☺ - ☺
- 7 Rotary knob for adjusting
the coffee strength
☺ - ☺
- 8 **clean** button
- 9 **calc** descaling button



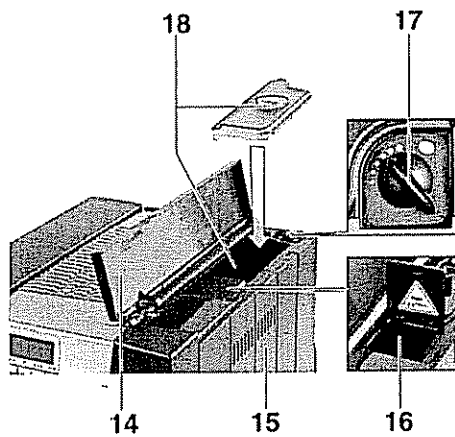
Appliance components

- 10 Document holder
- 11 Cord storage
- 12 Height-adjustable
coffee outlet
- 13 Hinged nozzle
(frothing milk/steam/
hot water)
- a Sleeve
- b Nozzle

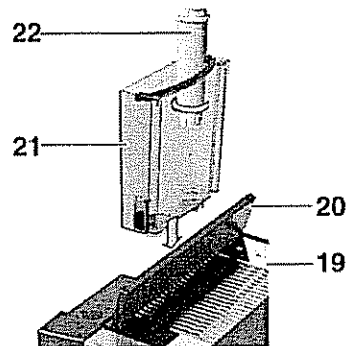


Appliance components

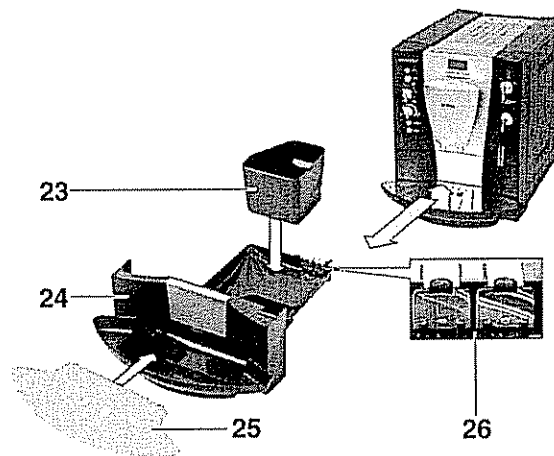
- 14 Right cover of the appliance
- 15 Door for brewing unit
- 16 Ground coffee duct with cover = cleaning tablet duct
- 17 Rotary knob for degree of ground coffee
- 18 Bean container with aroma cover



- 19 Cup shelf (pre-warming function)
- 20 Left cover of the appliance
- 21 Detachable water tank
- 22 Filter



- 23 Coffee dregs tray (dishwasher-proof)
- 24 Tray (for residual water)
- 25 Grille
- 26 Contacts



Before using your appliance for the first time

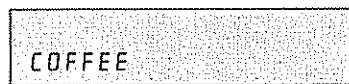
General

Fill the respective containers with pure water and coffee beans only.

Do not use coffee beans which have been glazed, caramelized or treated with other additives containing sugar.

Ascertain the water hardness with the enclosed test strip. If a hardness value other than 3 is indicated, switch on the appliance and program accordingly (see page 18)

Switching on the appliance



- Pull the power cord out of the cord storage and connect.
- Fill water tank 21 with cold fresh water. Do not fill above "max." mark.
- Fill the bean container 18 with coffee beans.
- Set power switch 1 to I.
- Set function selector 2 to ☉.
- Press button ☉ 4.

i The appliance is **ready for use** when the illuminated rings on button ☉ 4 and on the **cafe** button 5 are lit green.

Note: If the appliance is being used for the first time or has not been operated for a prolonged period, the first cup of coffee will not have the full aroma and should not be drunk.

Filling up the pipe system

FILL UP	PRESS
PIPE-SYS	CAFE

PIPE-SYS
FILLS UP

For production reasons when switched on for the first time, the water pipe system in the appliance may occasionally have to be refilled:

- Press the **cafe** button 5.

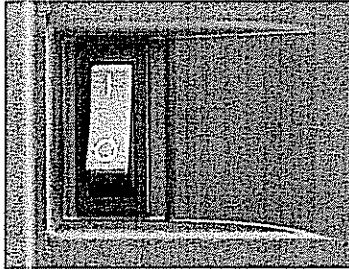
Selecting the language

LANGUAGE
ENGLISH

To change the display to the desired language:


- Hold down button **P** on the display 3 for at least 3 seconds.
- Press button **P** until the display flashes.
- Select the desired language with **←** or **→**.
- Press button **P** to save the language.
- Press the **exit** button.



Controls

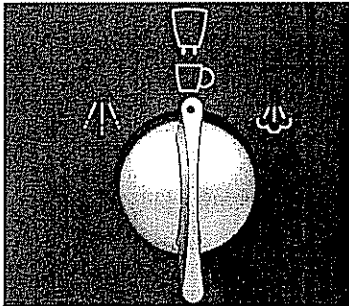


Power switch

The power switch on the rear of the appliance switches the power supply on or off





When the power switch has been switched on, the illuminated ring on button  4 is lit green. The appliance is in standby mode.

	CAUTION	
<p>Do not press the power switch while the appliance is operating Do not switch off the appliance until it is in standby mode.</p>		




Function selector


Coffee, hot water or steam can be selected by rotating function selector.

	WARNING	
<p>Risk of scalding! When the function selector is set to  or , the nozzle may spurt slightly. Escaping water or steam is very hot. Do not touch nozzle 13 or direct at people!</p>		

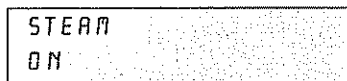
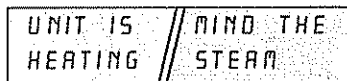
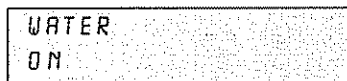
The settings are displayed:

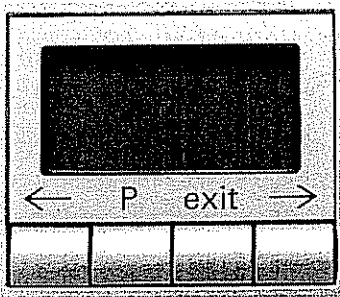
Coffee on 

Hot water on 

Steam on 

Displays during the brief heating up period for Steam on.

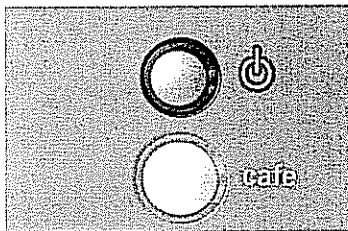




Display

Display indicates the settings, the processes which are running and any messages issued by the appliance

The appliance has been programmed ex works with standard settings for optimum operation. These settings can be changed – see chapter “Changing settings / programming”.



Button ϕ

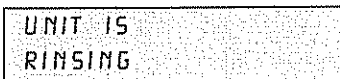
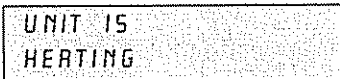
The appliance is switched on or set to standby mode with button ϕ.

When button ϕ is pressed, the appliance heats up and is then rinsed. The illuminated ring on button ϕ flashes during this process.

The appliance is not rinsed if:

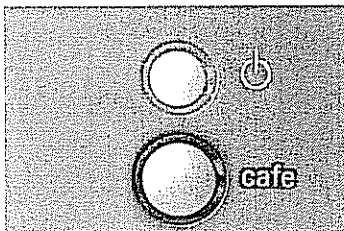
- the appliance was still warm when switched on or
- coffee was not discharged before the appliance was switched to “standby” mode.

Heating and washing processes are displayed.



While coffee is being brewed, button ϕ is assigned a **stop** function. The process is terminated by pressing button ϕ.

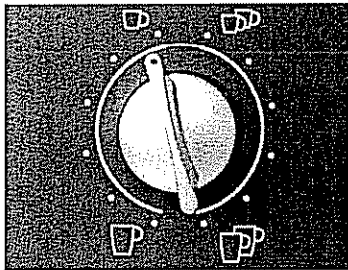
- i** 4 hours after the last coffee was brewed, a rinsing process is automatically actuated and the appliance switches to “standby” mode. These settings can be changed – see chapter “Changing settings / programming”.



cafe button

Espresso or coffee can be brewed by pressing the **cafe** button. The green illuminated ring flashes while espresso or coffee is being brewed.

If the **cafe** button is pressed again, the coffee brewing process is terminated.



ESPRESSO

2
ESPRESSO

Rotary knob for adjusting the filling quantity

☐ - ☐ / ☐ - ☐

The amount of liquid is adjusted with rotary knob

☐ - ☐ / ☐ - ☐

One of 6 settings can be selected by rotating the knob in an counter-clockwise direction:

SMALL ESPRESSO

ESPRESSO

SMALL COFFEE

COFFEE

LARGE COFFEE

XXL COFFEE

One of 6 settings can be selected for 2 cups by rotating the knob in a clockwise direction:

2 SMALL ESPRESSO

2 ESPRESSO

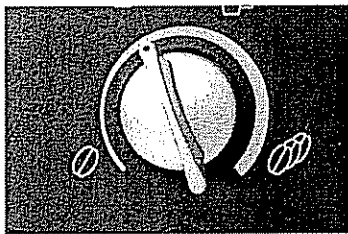
2 SMALL COFFEES

2 COFFEES

2 LARGE COFFEES

2 XXL COFFEES

Outlet 12 has two nozzles for filling 2 cups.



NORMAL
PLUS

Rotary knob ☉ - ☉ for adjusting the coffee strength.

The amount of ground coffee is selected with rotary knob

☉ - ☉

VERY MILD

MILD

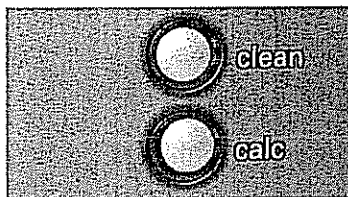
NORMAL

NORMAL PLUS

STRONG

VERY STRONG

The selected coffee strength is displayed:



clean button

calc descaling button

If the appliance requires cleaning or descaling, the illuminated ring lights up on the **clean** button or the **calc** descaling button – see chapter "Cleaning the appliance" or "Descaling the appliance".

Preparation

General

This fully automatic espresso/coffee machine grinds fresh coffee for each brewing process.

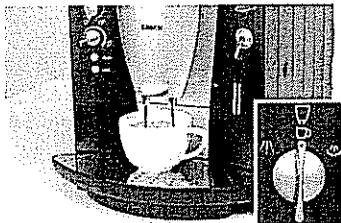
Preferably use a mixture of espresso and coffee beans. Store or deep-freeze in cool, air-tight and sealed containers. Deep-frozen coffee beans can also be ground.

Do **NOT** use very oily or very dark-roasted coffee beans – Risk of malfunction.

When using very oily beans, pour the beans onto a plate and let some of the sticky oils evaporate (this will not harm the aroma of the coffee).

Tip: Prewarm cup(s), especially small, thick-walled espresso cups, on the cup shelf 19 or fill with hot water and rinse out.

Using espresso/ coffee beans



Set function selector to ☉.

- Select the desired amount of coffee and number of cups with rotary knob ☐ – ☐ / ☐☐ – ☐☐☐
- Select the preferred coffee strength with rotary knob 0 – ☉
- Place the cup(s) under the outlet. If required, adjust the height of the outlet
- Press the **cafe** button. The brewing process now runs automatically.

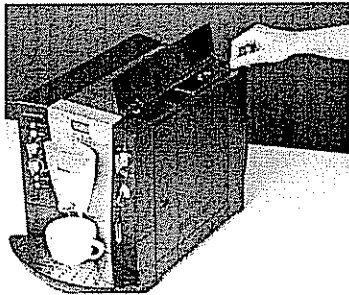
Tip: If brewing coffee simultaneously for 2 cups, select **STRONG** or **VERY STRONG**.

i The brewing process can be terminated by pressing the **cafe** button or button ☉ again.

Note: If **ADD BEANS** is displayed despite a full bean container, the grinder must still be filled automatically

- Press the **cafe** button again.

Adjusting the grinding unit



- ❑ The desired degree of ground coffee can be selected with the Rotary knob for degree of ground coffee.

CAUTION

Adjust the degree of grinding only while the grinding unit is running! Otherwise the appliance may be damaged.

- ❑ Open the right cover of the appliance
- ❑ Press the **cafe** button
- ❑ While the grinding unit is running, turn the knob to select the degree of grinding: the smaller the dots the finer the ground coffee.
- i** The new setting will not become apparent until the second or third cup of coffee

Using ground espresso/coffee powder



- ❑ Select the desired amount with the rotary knob ☐ - ☐ / ☐ - ☐
- ❑ Place cup(s) under the outlet. If required, adjust the height of the outlet.
- ❑ Open the right cover of the appliance and the cover on the ground coffee duct.
- ❑ Add one to two level scoops of medium-fine ground coffee to the ground coffee duct.

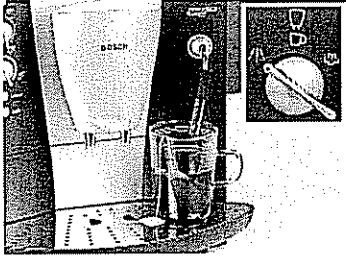
CAUTION


Do not add whole beans or instant coffee! Add a maximum two scoops of coffee.

- ❑ Close the cover on the ground coffee duct and the right cover of the appliance.
- ❑ Press the **cafe** button.
- i** Repeat the process for another cup of preground coffee.

Note: If coffee is not brewed within 90 seconds, the brewing chamber is emptied automatically in order to prevent overfilling. The appliance is rinsed.

Preparing hot water




- Push **down** the sleeve a on nozzle.
- Place an appropriate cup under the nozzle
- Rotate function selector to  and fill the cup.




WARNING

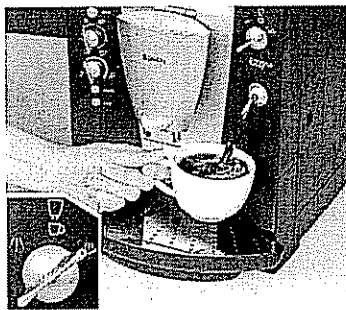



Risk of scalding!

When the function selector is set to , the nozzle may spurt slightly. Escaping water is very hot. Do not touch nozzle or direct at people!

- End the process by rotating the function selector back to .

Steam for heating drinks




- Push **up** the sleeve a on nozzle
- Immerse nozzle deep into the liquid which is to be heated
- Slowly** rotate function selector to .
The appliance now heats up for approx. seconds.
Then the liquid is heated.




WARNING



Risk of scalding!

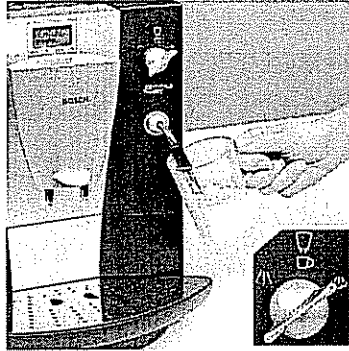
When the function selector is set to , the nozzle may spurt slightly. Escaping steam is very hot. Do not touch nozzle or direct at people!


- End the process by rotating the function selector back to .




Note: When nozzle has cooled down, clean immediately


Dried residue is difficult to remove

Preparing frothy milk



- Push down the sleeve a on nozzle.
- Fill a cup approx. $\frac{1}{3}$ full of milk
- Immerse nozzle approx. 1 cm into the milk.
- Slowly rotate function selector to .
The appliance now heats up for approx. 20 seconds. Then the milk is frothed.

	WARNING	
<p>Risk of scalding! When the function selector is set to , the nozzle may spurt slightly. Escaping steam is very hot. Do not touch nozzle or direct at people!</p>		

- The frothy milk can be optimized by rotating the cup slowly.
- End the process by rotating the function selector back to .

Note: When nozzle has cooled down, clean immediately – see “Cleaning the appliance / Cleaning the nozzle”.

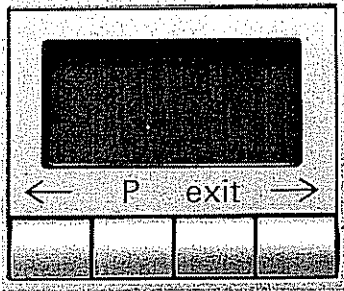
Dried residue is very difficult to remove and impairs formation of the frothy milk.

Tip: Preferably use semi-skimmed milk.



Changing settings / programming

The appliance has been set ex works so that coffee can be brewed without any additional programming.

These basic settings can be changed with the function buttons under display.



- ← Selection button
- P Access to programming mode / Save settings
- exit Terminate programming
- Selection button

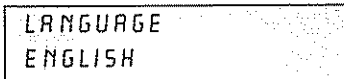
	CAUTION	
Do not switch off the appliance during programming. Otherwise changes will not be saved.		

Programming

The appliance must be switched on before the standard settings can be changed.

The following settings can be changed:

- Language
- Water hardness
- Filter
- Temperature
- Current time
- Timer function
- Energy saving mode



Factory settings have a grey background in this chapter – see example opposite

Language

LANGUAGE
ENGLISH

To change the display to the desired language:

- Hold down button **P** on display for at least 3 seconds.
- Press button **P** until the display flashes.
- Select the desired language with **←** or **→**.
- Press button **P** to save the setting.
- Press the exit button. Back to standby.
- i** The following other languages are available:

LANGUE
FRANCAIS

LINGUA
ITALIANO

SPRAK
SVENSKA

IDIOMA
ESPANOL

TAAAL
NEDERL.

JASYK
RUSSKIY

SPRACHE
DEUTSCH

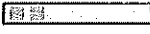
Water hardness

HARDNESS
WATER 1

HARDNESS
WATER 2

HARDNESS
WATER 3

HARDNESS
WATER 4

- Ascertain the water hardness with the supplied test strip, e.g.:  = hardness 2
- Hold down button **P** on display for at least 3 seconds.
- Select **HARDNESS WATER** with **←** or **→**.
- Press button **P** until the number in the display flashes.
- Select the ascertained hardness with **←** or **→**.
- Press button **P** to save the setting.
- Press the exit button. Back to standby.

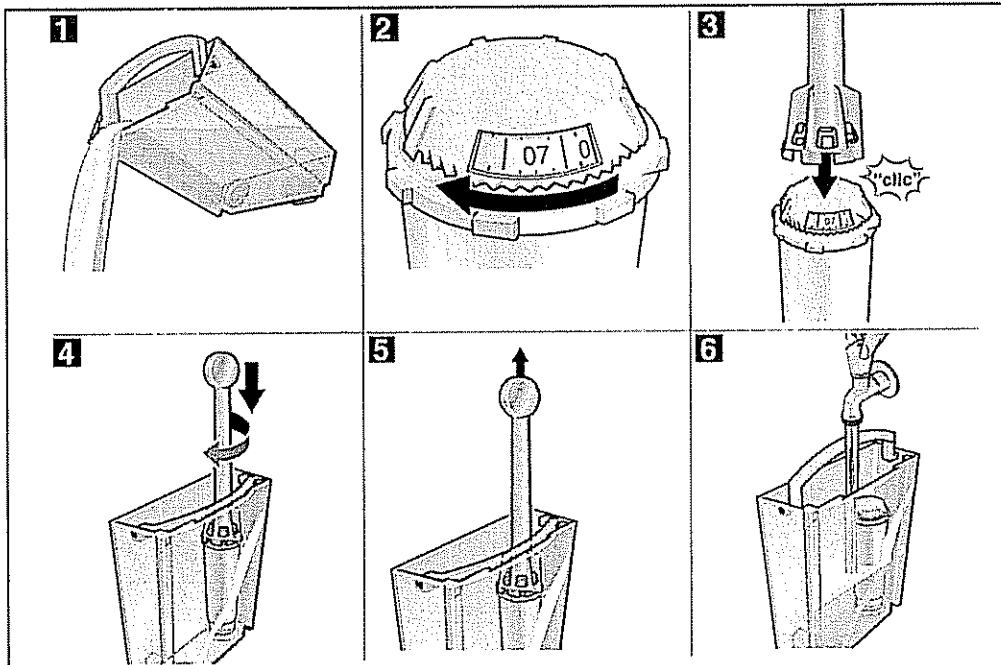
Note: It is important for the descaling program that the water hardness is set correctly.
If external water softeners are used in the domestic water system or if filtered water is used, select **HARDNESS WATER 1**

Filter

The filter 22 reduces calcification, protects the appliance and extends the service life of the appliance.

Inserting or changing the filter

- i** The appliance must be switched on
- Place utensil with a min. capacity of 17 oz under the nozzle 13.
- Screw in the filter 22 with the screw-in aid or change.




FILTER
YES/NEW

FILTER
NO/OLD

- Hold down button **P** on display 3 for at least 3 seconds.
- Select **FILTER** with ← or →.
- Press button **P**, the display flashes.
- Select **FILTER YES / NEW** with ← or →.
- Press button **P** to save the setting.
- Rotate function selector 2 to /!\.

Note: The appliance is automatically rinsed (approx. 2 min), water runs into the utensil and may be slightly discolored, do not drink.

- ❑ *TURN ON COFFEE* is displayed, rotate function selector 2 back to .
- ❑ **i** The water hardness can still be indicated in the display program, however the setting is not activated.

Removing the filter

- ❑ **i** The appliance must be switched on
- ❑ Unscrew the filter 22 with the screw-in aid in a counter-clockwise direction.
- ❑ Hold down button **P** on display 3 for at least 2 seconds.
- ❑ Select *FILTER YES / NO* with ← or →.
- ❑ Press button **P**, display flashes.
- ❑ Select *FILTER NO / OLD* with ← or →.
- ❑ Press button **P** to save the setting.
- ❑ Press the **exit** button. Back to standby.

Important

- ❑ After approx. 13 2 gallons (*FILTER CHANGE*) or after 2 months at the latest the filter is exhausted and must be replaced
- ❑ Do not insert the filter if the *UNIT CALCIF.* message lights up. First descale the appliance.
- ❑ Before descaling the appliance, take the filter out of the water tank.
- ❑ When the filter has been inserted, it must be rinsed. Follow the displayed instructions
- ❑ If the appliance is always operated with an inserted filter, it should be descaled once or twice a year, even if the descale message is not displayed.
- ❑ If softened water from a domestic descaling unit is used, a filter should not be inserted.

Re-order the filter quoting order no 461732.

Temperature



TEMP
NORMAL



TEMP
HIGH

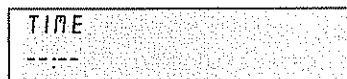


TEMP
MAXIMUM

The coffee temperature can be set with this function.

- Hold down button **P** on display for at least 3 seconds.
- Select **TEMP** with **←** or **→**.
- Press button **P** until the display flashes
- Change the setting with **←** or **→**.
- Press button **P** to save the setting.
- Press the **exit** button. Back to standby.

Current time



TIME



TIME
14:39

The current time is programmed with this function. This is required when using the timer function. The time is displayed in 24h mode.

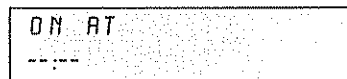
- Hold down button **P** on display for at least 3 seconds.
- Select **TIME** with **←** or **→**.
- Press button **P** – hours display flashes.
- Change the setting with **←** or **→**.
- Press button **P** – minutes display flashes.
- Change the setting with **←** or **→**.
- Press button **P** to save the setting.
- Press the **exit** button. Back to standby.

The set time will be deleted

- if the mains plug is pulled out,
- if the appliance is switched off with the power switch 1,
- if there is a power failure

The current time must be set again.

Timer



ON AT



ON AT
07:45

This function is used to set the time at which the appliance automatically switches on

- Hold down button **P** on display for at least 3 seconds
- Select **ON AT** with **←** or **→**.
- Press button **P**, hours display flashes
- Change the setting with **←** or **→**.
- Press button **P**, minutes display flashes
- Change the setting with **←** or **→**.
- Press button **P** to save the setting.
- Press the **exit** button. Back to standby

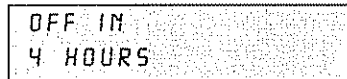
De-activating the setting:

- Set the time to --:-- with ← or →

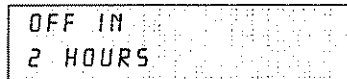
Note: The current time must be set for this function to run.

- i** The switch-on time is retained even if there is a power failure or the power switch 1 is actuated.

Standby mode



OFF IN
4 HOURS



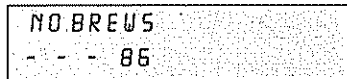
OFF IN
2 HOURS

This function is used to specify after how many hours following the last brew the appliance automatically switches to standby mode

- Hold down button **P** on display for at least 3 seconds
- Select **OFF IN** with ← or →
- Press button **P**, hours display flashes.
- Change the setting with ← or →
- Press button **P** to save the setting.
- Press the **exit** button. Back to standby.

- i** The switch-off time is retained even if there is a power failure or the power switch 1 is actuated.

Displaying number of brews



NO BREWS
- - - 86

The number of brewed espressos, coffees and preground coffees is displayed here. The number of brews are counted automatically.

- Hold down button **P** on display for at least 3 seconds
- Select **NO BREWS** with ← or →
- Press the **exit** button. Back to standby.

- i** This number cannot be changed!

RESET function

Possible from "standby" mode only

- Simultaneously hold down ← and → for at least 3 seconds – all saved settings are deleted

- i** The display indicates the messages in the german language after the RESET function.

System messages



The appliance indicates processes and messages on display 3



	Meaning	Remedial action
ADD WATER	No water	Pour fresh, cold water into the water tank
	Note: There is always a small amount of water left in the water tank	
	Water tank is missing or not inserted correctly	Insert water tank
ADD BEANS	No coffee beans	Add coffee beans to the bean container 18
	Note: The ADD BEANS display is lit until coffee is brewed again	
FILL UP PIPE-SYS // PRESS CAFE	Water pipe system in the appliance is empty	Press cafe button.
SYSTEM TOO HOT	System heated up by Steam on	Allow system to cool down by letting out some hot water /!\
EMPTY TRAYS	Tray 24 and coffee dregs tray 23 are full, or contacts 26 soiled	Remove, empty, and re-insert tray 24 and coffee dregs tray 23. Clean and dry contacts 26
TRAYS MISSING	Tray 24 and coffee dregs tray 23 are missing	Insert tray 24 and coffee dregs tray 23
CLEAN UNIT	The illuminated ring on the clean button is lit red.	Run cleaning program – see chapter "Cleaning the appliance"
UNIT CALCIF	The illuminated ring on the calc descaling button is lit red	Run descaling program – see chapter "Descaling the appliance"
FILTER CHANGE	The filter 22 is no longer effective after 13.2 gallons or approx 2 months	Change filter 22 (order no 46 1732) or continue operating the appliance without filter Change settings

	Meaning	Remedial action
CLOSE THE DOOR	Door of brewing unit 15 is not closed	Close door of brewing unit
TURN ON COFFEE		Set function selector to ☺
	Note: While the messages <i>ADD WATER</i> , <i>CLOSE THE DOOR</i> , <i>EMPTY TRAYS</i> or <i>TRAYS MISSING</i> are displayed, coffee cannot be brewed	

Cleaning the appliance

Daily cleaning

	WARNING	
<p>Risk of electric shock! Pull out the mains plug before cleaning the appliance.</p>		

	CAUTION	
<p>Do not use scouring agents! Never immerse the appliance in water! Do not use a steam cleaner!</p>		

- Wipe the outside of the appliance with a damp cloth.
- Rinse out the water tank and fill with fresh water.
- Remove and empty tray 24 and coffee dregs tray 23. Only the coffee dregs tray 23 may be cleaned in the dishwasher!
- Clean contacts.
- Wipe out or vacuum the interior of the appliance (trays).

Note: If the appliance is switched on in a cold state with button ☺ or is set to standby after brewing coffee, the appliance is automatically rinsed. The system therefore cleans itself.

Cleaning program

CLEAN
UNIT

If the illuminated ring on the **clean** button is lit red and the message **CLEAN UNIT** is indicated on display when the appliance is switched on, the appliance must be cleaned as quickly as possible.

Clean the appliance with the enclosed cleaning tablet. **Do not drop in the cleaning tablet until you are prompted to do so.**

WARNING	
<p>Risk of injury! Do not place the tablet in mouth. Keep under lock and key and out of the reach of children. Avoid contact with skin and eyes. Do not drink liquid.</p> <p>If tablet comes into contact with eyes, immediately wash eyes with plenty of water and consult a doctor. If a tablet is swallowed, seek medical advice immediately and produce packaging or label.</p>	

These tablets have been specially developed for this appliance and are available from customer service (order no. 31 0655).

- i** While the cleaning program is running, the illuminated ring on the **clean** button flashes.

CAUTION	
<p>Never interrupt the cleaning program! Never use descaling tablets or other descaling agents.</p>	

CLEAN // COFFEE
UNIT

While the cleaning program is running – approx. 15 minutes – processes and instructions are indicated on display

Start cleaning program

- Completely fill water tank 21
- Hold down **clean** button for at least 3 seconds.
- Empty and re-insert tray 24 and coffee dregs tray 23.

EMPTY TRAYS ✓

UNIT IS CLEANING ✓

Note: The appliance is automatically cleaned. Wait for the next display (approx. 1 minute).

- Open the right cover of the appliance 14 and duct cover for ground coffee 16

PULL IN DUCT // CLOSE THE LID ✓

- Insert a **cleaning tablet** into the duct 16
- Close the cover on the ground coffee duct and the right cover of the appliance.

PRESS CAFE ✓

- Press the **cafe** button.

UNIT IS CLEANING ✓

Note: The appliance is automatically cleaned. Wait for the next display (approx. 10 minutes).

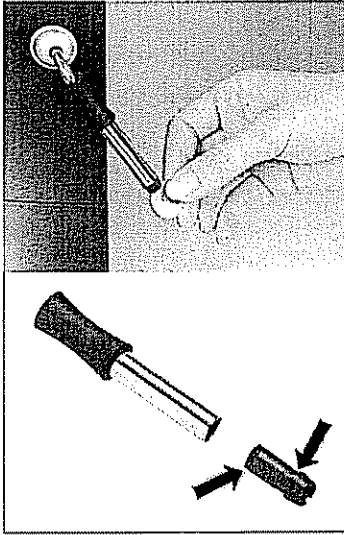
EMPTY TRAYS ✓

- Empty and re-insert tray 24 and coffee dregs tray 23.

COFFEE

The cleaning process is complete. The illuminated ring on **clean** button goes out. The appliance is ready for use again.

Cleaning the nozzle



CAUTION



Clean the nozzle after each use.

- Place a suitable receptacle under the nozzle
- Briefly set function selector to /|\.



WARNING



Risk of scalding!

When the function selector is set to /|\, the nozzle may spurt slightly. Escaping water is very hot. Do not touch nozzle or direct at people!

- Set function selector to ☺.
- Wipe the outside of the nozzle after it has cooled down.

- Dismantle the nozzle to clean thoroughly

Proceed as follows:

- Unscrew the nozzle with a coin.
- In particular, clean the tip of the nozzle with a brush and pointed implement.
- Clean all parts with hot water and detergent, rinse and dry (dishwasher-proof).

Descaling the appliance





UNIT
CALCIF



If the illuminated ring on the **calc** button is lit red and the message *UNIT CALCIF* is displayed when the appliance is switched on, descale the appliance immediately. If the appliance is not descaled as instructed, it may be damaged.


Note:

If you use a filter 22 and the message *UNIT CALCIF* is displayed, the filter is **NOT** activated in the settings. Follow the instructions "Change settings/ programming – Filter".

If the appliance is always operated with an inserted filter, it should be descaled once or twice a year, even if the descale message is not displayed

WARNING		
	<p>Risk of injury! Do not place the descaling agent in mouth. Keep under lock and key and out of the reach of children. Avoid contact with skin and eyes. Do not drink liquid.</p> <p>If a descaling agent comes into contact with eyes, immediately wash eyes with plenty of water and consult a doctor. If a descaling agent is swallowed, seek medical advice immediately and produce packaging or label.</p>	

CAUTION		
	<p>Never descale the appliance with vinegar or vinegar-based agents! Do not use cleaning tablets. Never interrupt the descaling program!</p>	

 Specially developed and suitable agents are available from customer service (order no.: 31 0451)

- i The illuminated ring on the **calc** descaling button flashes while the descaling program is running.

FILTER
NO/OLD

UNIT
CALCIF. // COFFEE

EMPTY
TRAYS

DESCALER // TURN ON
IN TANK // WATER

UNIT DE-
SCALING

TURN ON
COFFEE

UNIT DE-
SCALING

EMPTY
TRAYS

CAUTION

The descaling program starts in **FILTER NO/OLD** programming mode only. Never descale the appliance while the filter is inserted.

While the descaling program is running – approx. 35 minutes – processes and instructions are indicated on display.
The specified times may differ.

Start descaling program

- Hold down the **calc** descaling button for **at least 3 seconds**.
- Empty and re-insert tray 24 and coffee dregs tray 23.
- Fill the water tank with water and add descaling agent (total volume of liquid 17 oz)
- or
- add 17 oz. of ready-prepared descaling mixture
- Place an appropriately large receptacle under nozzle
- Set function selector to **!/**.


Note: The appliance is automatically descaled. Descaling solution flows at intervals into the receptacle. Wait for the next display on display (approx. 10 minutes).

- Set function selector to **g**.

Note: The appliance is automatically descaled. Descaling solution flows at intervals into the tray 24. Wait for the next display on display (approx. 10 minutes).

- Empty and re-insert tray 24 and coffee dregs tray 23.

ADD
WATER


- Rinse out the water tank, fill with fresh water up to max and re-insert
- Empty the receptacle and place back under the nozzle.
- Set function selector to .

TURN ON
WATER

UNIT DE-
SCALING

Note: The appliance is automatically rinsed. Water flows at intervals into the receptacle. Wait for the next display on display (approx. 4 minutes).

TURN ON
COFFEE

- Set function selector to .

UNIT DE-
SCALING

Note: The appliance is automatically rinsed. Water flows at intervals into the tray 24. Wait for the next display on display (approx. 4 minutes).

EMPTY TRAYS // CLEAN CONTACTS

- Empty tray 24 and coffee dregs tray 23.
- Clean and dry contacts 26.
- Re-insert tray 24 and coffee dregs tray 23.
- Wipe splashes off the nozzle and appliance.

UNIT IS
RINSING

Note: The appliance is automatically rinsed.



COFFEE

The descaling process is complete. The illuminated ring on calc descaling goes out. The appliance is ready for use again.

Draining hot water

SYSTEM
TOO HOT

The descaling program requires a specific water temperature before it can start. If the water temperature is too high, drain hot water first!

- Place a suitable receptacle under the nozzle.
- Set function selector to .
- Set function selector to .

The required temperature has been reached.
The descaling process can start.

Eliminating minor malfunctions yourself

Malfunction	Cause	Remedial action
ADD BEANS is displayed despite a full bean container.	Grinder has still not been filled automatically.	Press the cafe 5 button
	The beans are too big or too oily – they do not slide into the grinding unit.	Use less oily or smaller beans. To remove big beans use a vacuum cleaner.
No hot water or steam discharge.	Nozzle is blocked	Thoroughly clean nozzle.
Froth insufficient or too runny.	Sleeve a on nozzle 13 not in correct position.	Push down sleeve a on nozzle 13.
	Unsuitable milk	Use cold semi-skimmed milk.
Coffee is running a drop at a time.	Degree of grinding too fine.	Select a coarser degree of grinding
	The beans are too oily.	Use less oily beans.
	Preground coffee too fine	Use a coarser ground coffee To rinse the appliance, follow the instructions "Using ground espresso/coffee powder" on page 14, but do not add coffee powder in the duct
Coffee has no "crema" (layer of froth).	Unsuitable type of coffee	Change the type of coffee
	Beans no longer fresh	Use fresh beans.
	Degree of grinding not appropriate for coffee beans	Optimize degree of grinding.
Grinding unit is not grinding coffee beans	Beans are not falling into the grinding unit (too oily).	Gently tap the bean container.
Descaling program does not start	Current programming set to: FILTER YES/NEW or CHANGE FILTER display.	Set programming to FILTER NO/OLD – Before descaling the appliance, always remove the filter
	System too hot.	Draw off some of the hot water.

Malfunction	Cause	Remedial action
Cleaning program does not start.	System too hot.	Draw off some of the hot water.
	<i>FILTER CHANGE</i> displayed.	Change filter.
Grinding unit is making a loud noise.	Foreign objects in the grinding unit (e.g. grit which also occurs in superior types of coffee).	Contact the Customer Service. Note: Ground coffee can also be prepared.
Display <i>ERROR 1</i>	Appliance too cold.	Wait until the appliance has warmed up to room temperature
Display <i>ERROR 5</i> or <i>ERROR 8</i>	Technical malfunction.	Switch OFF the device at the power switch 1 for at least 10 seconds.
If malfunctions cannot be eliminated, always call the Customer Service!		

BOSCH Small Appliance Warranty

BSH Home Appliances ("BOSCH") warrants all new small appliances to be free from original defects in design, materials and workmanship for one (1) year after the sale to the original owner.

Within the stated warranty period, BOSCH will repair or replace, at its sole option, any small appliance or parts thereof which prove defective under the conditions of normal use and service at no charge to you. It is the owner's responsibility to return the appliance for repair. Repaired and replacement small appliances and parts shall be the same or as close in appearance as possible to the original for the purposes of this warranty.

Should you require service of your BOSCH small appliance, please contact customer service at 1-866-44-BOSCH. Repair of BOSCH appliances should only be performed by qualified technicians. This warranty is limited to the original consumer purchase and is not transferable. Specifically excluded from this warranty are failures caused by accident, misuse, neglect, abuse, including tampering, use of frequency or voltage other than marked on the product, and use for commercial purposes.

To the extent allowed by law, this warranty sets out your exclusive remedies, whether for negligence or otherwise. BOSCH will not be liable for any consequential or incidental damages, losses or expenses. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESSED WARRANTIES. ANY WARRANTY IMPLIED BY LAW, WHETHER FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, SHALL BE EFFECTIVE ONLY FOR THE PERIOD THAT THIS EXPRESSED WARRANTY IS EFFECTIVE. BOSCH DOES NOT ASSUME ANY RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

No attempt to alter, modify or amend this warranty shall be effective unless authorized in writing by an officer of BOSCH. Some states do not allow limitations on how long implied warranties last or the exclusion or limitation of incidental or consequential damages, so the foregoing limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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Subject to alterations

