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02

English

XSMALL

Type HD8644 / HD8645 / HD8646 / HD8647

USER MANUAL



EN

02

PLEASE READ THIS USER MANUAL CAREFULLY BEFORE USING THE MACHINE.

CE

 **Saeco**

IMPORTANT SAFEGUARDS

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 injury to persons do not immerse cord, plugs, or appliance in water or other liquid.
- 4.** Close supervision is necessary when the appliance is used by or near children.
- 5.** Unplug from outlet when not in use and before cleaning. Allow 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 manner. 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 injury to persons.
- 8.** Do not use outdoors.
- 9.** Do not let cord hang over edge of 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.** Always attach plug to appliance first, then plug cord into wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
- 12.** Do not use appliance for other than intended use.
- 13.** Save these instructions.

SAVE THESE INSTRUCTIONS

CAUTION

This appliance is for household use only. Any servicing, other than cleaning and user maintenance, should be performed by an authorized service center. Do not immerse machine in water. To reduce the risk of fire or electric shock, do not disassemble the machine. There are no parts inside the machine serviceable by the user. Repair should be done by authorized service personnel only.

1. Check voltage to be sure that the voltage indicated on the nameplate corresponds with your voltage.
2. Never use warm or hot water to fill the water tank. Use cold water only.
3. Keep your hands and the cord away from hot parts of the appliance during operation.
4. Never clean with scrubbing powders or harsh cleaners. Simply use a soft cloth dampened with water.
5. For optimal taste of your coffee, use purified or bottled water. Periodic descaling is still recommended every 2-3 months.
6. Do not use caramelized or flavored coffee beans.

INSTRUCTIONS FOR THE POWER SUPPLY CORD

- A. A short power-supply cord (or detachable power-supply cord) is to be provided to reduce risks resulting from becoming entangled in or tripping over a longer cord.
- B. Longer detachable power-supply cords or extension cords are available and may be used if care is exercised in their use.
- C. If a long detachable power-supply cord or extension cord is used,
 1. The marked electrical rating of the detachable power-supply cord or extension cord should be at least as great as the electrical rating of the appliance
 2. If the appliance is of the grounded type, the extension cord should be a grounding-type 3-wire cord, and
 3. The longer cord should be arranged so that it will not drape over the counter top or table top where it can be pulled on by children or tripped over.

Congratulations on your purchase of a Saeco Xsmall fully automatic espresso machine!

To fully benefit from the support that Philips Saeco offers, please register your product at www.saeco.com/welcome. The machine is made for preparing espresso coffee using whole coffee beans and for dispensing steam and hot water. In this user manual you will find all the information you need to install, use, clean and descale your machine.

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IMPORTANT

Safety Instructions

This machine is equipped with safety devices. Nevertheless, read and follow the safety instructions carefully and only use the machine properly as described in these instructions to avoid accidental injury or damage due to improper use of the machine. Keep this user manual for future reference.



The term **WARNING** and this icon warn against possible severe injuries, danger to life and/or damage to the machine.



The term **CAUTION** and this icon warn against slight injuries and/or damage to the machine.

Warnings

- Connect the machine to a wall socket with a voltage matching the technical specifications of the machine.
- Connect the machine to a earthed wall socket.
- Do not let the power cord hang over the edge of a table or counter, or touch hot surfaces.
- Never immerse the machine, the mains plug or power cord in water: Danger of electrical shock!
- Do not pour liquids on the power cord connector.
- Never direct the hot water jet towards body parts: Danger of burning!
- Do not touch hot surfaces. Use handles and knobs.
- Remove the mains plug from the wall socket:
 - if a malfunction occurs;

- If the machine will not be used for a long time;
- before cleaning the machine.

Pull on the mains plug, not on the power cord. Do not touch the mains plug with wet hands.

- Do not use the machine if the mains plug, the power cord or the machine itself is damaged.
- Do not make any modifications to the machine or its power cord. Only have repairs carried out by a service centre authorised by Philips to avoid any hazard.
- The machine should not be used by children younger than 8 years old.
- The machine can be used by children of 8 years and upwards if they have previously been instructed on the correct use of the machine and made aware of the associated dangers or if they are supervised by an adult.
- Cleaning and maintenance should not be carried out by children unless they are more than 8 years old and supervised by an adult.
- Keep the machine and its power cord out of reach of children under 8 years old.
- The machine may be used by persons with reduced physical, sensory or mental capabilities or lacking sufficient experience and/or skills if they have previously been instructed on the correct use of the machine and made aware of the associated dangers or if they are supervised by an adult.
- Children should be supervised to ensure that they do not play with the machine.
- Never insert fingers or other objects into the coffee grinder.

Cautions

- The machine is for household use only. It is not intended for use in environments such as canteens, staff kitchens of shops, offices, farms or other work environments.
- Always put the machine on a flat and stable surface.
- Do not place the machine on hot surfaces, directly next to a hot oven, heater units or similar sources of heat.
- Only put roasted coffee beans into the coffee bean hopper. If ground coffee, instant coffee, raw coffee beans or any other substance is put in the coffee bean hopper, it may damage the machine.
- Let the machine cool down before inserting or removing any parts.
- Never use warm or hot water to fill the water tank. Use only cold non-sparkling drinking water.
- Never clean with scrubbing powders or harsh cleaners. Simply use a soft cloth dampened with water.
- Descale your machine regularly. The machine indicates when descaling is needed. Not doing this will make your appliance stop working properly. In this case repair is not covered under your warranty!
- Do not keep the machine at temperature below 0 °C. Residue water in the heating system may freeze and cause damage.
- Do not leave water in the water tank if the machine is not used over a long period of time. The water can get contaminated. Use fresh water every time you use the machine.

Compliance with Standards

The machine complies with art.13 of the Italian Legislative Decree dated 25 July 2005, no. 151 "Implementation of the Directives 2005/95/EC, 2002/96/EC and 2003/108/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment, as well as waste disposal".

This machine complies with EU Directive 2002/96/EC.

This Philips appliance complies with all the applicable standards and regulations relating to the exposure to electromagnetic fields.

INSTALLATION

Product Overview



General Description

- 1.** Coffee bean hopper lid
- 2.** Coffee bean hopper
- 3.** Coffee dispensing spout
- 4.** Full drip tray indicator
- 5.** Coffee grounds drawer
- 6.** Brew group
- 7.** Service door
- 8.** Control panel
- 9.** Protective handle
- 10.** Steam/hot water wand
- 11.** Grill
- 12.** Drip tray
- 13.** Water tank
- 14.** Power cord
- 15.** Ceramic coffee grinder
- 16.** Grinder adjustment key
- 17.** Pannarello (optional - only available for certain models)
- 18.** "Double coffee" light
- 19.** Espresso button
- 20.** Temperature light
- 21.** No water light
- 22.** Coffee button
- 23.** Control dial
- 24.** Warning light
- 25.** ON/OFF button with machine ready light
- 26.** Grinder adjustment knob

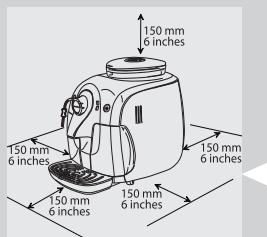
PREPARING FOR USE

Machine Packaging

The original packaging has been designed and constructed to protect the machine during transport. We recommend keeping the packaging material for possible future transport.

Preparing for Use

- 1** Remove the coffee bean hopper lid and the drip tray with grill from the packaging.



- 2** Remove the machine from the packaging.

- 3** For best use, it is recommended to:

- Choose a safe, level surface, where there will be no danger of overturning the machine or being injured.
- Choose a location that is sufficiently well-lit, clean and near an easily reachable socket.
- Allow for a minimum distance from the sides of the machine as shown in the illustration.



- 4** Insert the drip tray with grill into the machine. Make sure it is fully inserted.



 **Note:**

The drip tray collects the water that comes out of the dispensing spout during each rinse/self-cleaning cycle, as well as any coffee that might be spilled during beverage brewing. Empty and wash the drip tray daily and each time the full drip tray indicator is raised.



 **Caution:**

NEVER remove the drip tray when the machine has just been turned on. Wait a couple of minutes for the machine to carry out a rinse/self-cleaning cycle.



5 Remove the water tank.



6 Rinse the water tank with fresh water.

7 Fill the water tank with fresh water up to the MAX level and reinsert it into the machine. Make sure it is fully inserted.

! **Caution:**

Never fill the water tank with warm, hot, sparkling water or any other liquid, as this may cause damage to the water tank and the machine.



8 Slowly pour the coffee beans into the coffee bean hopper.

! **Caution:**

Only coffee beans must be put into the coffee bean hopper. If ground coffee, instant coffee, raw coffee beans or any other substance is put in the coffee bean hopper, it may damage the machine.



9 Put the lid on the coffee bean hopper.



10 Insert the plug into the socket located on the back of the machine.



- 11** Insert the plug at the other end of the power cord into a wall socket with suitable power voltage.



- 12** Make sure that the control dial is on "OFF" position.

- 13** Press the "ON/OFF" button to turn the machine on; the "⚠" light will begin to flash quickly, indicating that the circuit has to be primed.

USING THE MACHINE FOR THE FIRST TIME

When using the machine for the first time, the following activities need to happen:

- 1) You need to prime the circuit.
- 2) The machine will perform an automatic rinse/self-cleaning cycle.
- 3) You need to perform a manual rinse cycle.

Circuit Priming

During this process, fresh water flows through the internal circuit of the machine and the machine warms up. This takes a few seconds.



- 1** Place a container (1L) under the steam/hot water wand or Pannarello (if supplied).



- 2** Turn the control dial to the "" position.



- 3** When water dispensing stops, the "" light flashes slowly. Turn the control dial to bring it back to the "" position. The machine is in warm-up mode and the "" light flashes slowly.

Automatic Rinse/Self-Cleaning Cycle

When warm-up has been completed, the machine automatically performs a rinse/self-cleaning cycle of the internal circuits with fresh water. This takes less than a minute.



- 1** Place the container under the coffee dispensing spout to catch the small amount of water which will be dispensed.



- 2** The "" light flashes slowly.

- 3** Wait for the cycle to finish automatically.

Note:

You can stop the dispensing process by pressing either the " or the "" button.



- 4** Wait for water dispensing to stop. The " light shines steadily.

Manual Rinse Cycle

During this process you activate the coffee brewing cycle and fresh water flows through the steam/hot water circuit. This takes a few minutes.



- 1 Place the container under the coffee dispensing spout.



- 2 Check that the "power" light is steady on.



- 3 Press the "coffee cup" button. The machine starts brewing coffee.

- 4 Wait until brewing has been completed and empty the container.



- 5 Place a container under the steam/hot water wand (Pannarello, if supplied).



- 6 Turn the control dial to the "steam" position. The "power" light flashes slowly.

- 7 Dispense all the remaining water. The "power" light shines steadily.



8 Turn the control dial to the "W" position.

9 Fill the water tank again with fresh water and put it back into the machine. Now the machine is ready for brewing coffee.



Notes:

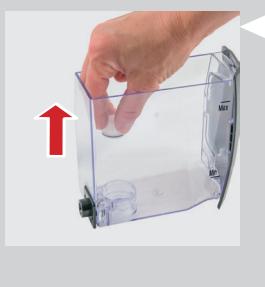
The automatic rinse/self-cleaning cycle is initiated when the machine has been in stand-by mode, or turned off, for more than 15 minutes. When you have not used the machine for 2 or more weeks you also have to perform the manual rinsing cycle. At the end of the cycle, it is possible to brew a coffee.

"INTENZA+" Water Filter Installation

We recommend you to install the "INTENZA+" water filter as this prevents limescale build-up in your machine and preserves a more intense aroma of your coffee.



The "INTENZA+" water filter can be purchased separately. For further details, please refer to the maintenance products page in this manual. Water is a crucial part of every coffee, so it is very important to always have it professionally filtered. Using the "INTENZA+" water filter will prevent mineral deposits from building up and improve your water quality.



1 Remove the small white filter from the water tank and store it in a dry place.



- 2** Remove the "INTENZA+" water filter from its packaging, immerse it vertically (with the opening positioned upwards) in cold water and gently press the sides so as to let the air bubbles out.



- 3** Set the "INTENZA+" water filter according to the hardness of the water used:
 A = Soft water
 B = Hard water (standard)
 C = Very hard water



- 4** Put the "INTENZA +" water filter into the empty water tank. Press it down until it cannot move any further.
5 Fill the water tank with fresh water and reinsert it into the machine.
6 Dispense all the water in the tank by using the hot water function (see the "Dispensing Hot Water" section).
7 Remove the tank, fill it with fresh water up to the MAX level and place it back into the machine.



- 8** When the operations described above have been completed, the  light shines steadily. Machine is ready to brew coffee.

 **Note:**

We recommend replacing the "Intenza +" filter every 2 months.

ADJUSTMENTS

The machine allows for certain adjustments so that you can brew the best tasting coffee possible.

Saeco Adapting System

Coffee is a natural product and its characteristics may change according to its origin, blend and roast. The machine is equipped with a self-adjusting system that allows the use of all types of coffee beans available on the market except for raw, caramelized and flavoured coffee beans. The machine automatically adjusts itself after brewing a certain number of cups of coffee to optimise the extraction.

Adjusting the Ceramic Coffee Grinder

Ceramic coffee grinders always guarantee accurate and perfect grinding and coarseness for every coffee speciality.

This provides full aroma preservation, delivering a truly Italian taste in every cup.



Warning:

Do not insert fingers or other objects. Only adjust the ceramic coffee grinder using the grinder adjustment key. The ceramic coffee grinder contains moving parts that may be dangerous.

You can adjust the ceramic grinders to set the coffee grinding to your personal taste.



Warning:

You can only adjust the coffee grinder settings when the machine is grinding coffee beans.

- 1 Remove the coffee bean hopper lid.





- 2** Make sure that the "ON" green light shines steadily and that the water tank and coffee bean hopper are full.
Press the "ESPRESSO" button; the coffee grinder starts grinding.



Note:

Use the coffee grinder adjustment key provided with the machine. You will taste the difference after brewing 2-3 cups of coffee. If coffee is watery or is brewed slowly, change the coffee grinder settings.

- 3** While the coffee grinder is operating, press and turn the grinder adjustment knob inside the coffee bean hopper one notch at a time.

⚠ Warning:

Do not turn the coffee grinder more than one notch at the time to prevent damage.



- 4** The reference marks inside the coffee bean hopper indicate the grind setting. There are 5 different grind settings to choose, from position 1 (●) for coarse grind - lighter taste to position 2 (◐) for fine grind - stronger taste.



- 5** When adjusting has been completed, put the lid back on the coffee bean hopper.

Adjusting the Coffee Length

The machine allows the amount of brewed espresso coffee to be adjusted according to taste and cup size.

Each time the "ESPRESSO" button or "CAFFÈ" button are pressed and released, the machine brews a pre-set amount of coffee. Each button may be individually programmed for a specific brew setting.

The following procedure describes how to program the "ESPRESSO" button.



- 1 Place a cup under the coffee dispensing spout.



- 2 Press and hold the "ESPRESSO" button for a few seconds; until the "ESPRESSO" and "OK" lights flash slowly.



- 3 Wait until the desired quantity is reached, then press the "ESPRESSO" button to stop brewing.

Now the "ESPRESSO" button is programmed; each time it is pressed, the machine will brew the same amount of espresso that was just programmed.

Same procedure applies to the "CAFFÈ" button.

ESPRESSO AND COFFEE BREWING



Before brewing coffee, make sure that the "ON" green light shines steadily on and that the water tank and coffee bean hopper are full.



1 Place 1 or 2 cups under the coffee dispensing spout.



2 To brew an espresso, press the "ESPRESSO" button; to brew a coffee, press the "COFFEE" button.

3 To dispense 1 cup of espresso, press the button once. To dispense 2 cups of espresso, press the button twice consecutively.

In this operating mode, the machine automatically grinds and doses the correct amount of coffee. Brewing two cups of espresso requires two grinding and brewing cycles, automatically carried out by the machine; during this time, the " CUP_{2x} " light shines steadily.

4 After the prebrewing cycle, coffee begins to pour out of the coffee dispensing spout.

5 Brewing stops automatically when the preset level is reached. You can press either the "ESPRESSO" button or the "COFFEE" button to stop brewing early.

FROTHING MILK / BREWING A CAPPUCCINO



Warning:

Danger of burning! Dispensing may be preceded by small jets of hot water. The steam/hot water wand may reach high temperatures: never touch it with bare hands. Use the appropriate protective handle only.

Frothing milk

When you plan to dispense steam right after turning on the machine or after brewing a coffee, some water still present in the circuit may need to be dispensed first.

For this, follow the steps below:



- 1 Place a container under the steam/hot water wand (Pannarello, if supplied).



- 2 Turn the control dial to the "Cappuccino" position.



- 3 The "Power" light flashes during the preheating time required by the machine.



- 4** Steam dispensing will begin when the machine reaches the optimum temperature.



- 5** Turn the control dial to the "**O**" position to stop dispensing steam.



- 6** Fill 1/3 of a carafe with cold milk.

Note:

When preparing your cappuccino, use cold (~5°C / 41°F) milk with a protein content of at least 3% to ensure optimum results. Whole milk or skimmed milk may be used depending on individual taste.



- 7** Immerse the steam/hot water wand (Pannarello, if supplied) in the milk to be heated and turn the control dial to the "" position. The machine warms up and after a few seconds steam dispensing begins. The "" light flashes slowly.





- 8** Froth the milk by gently swirling the container and moving it up and down.



- 9** When the milk froth has the desired consistency, turn the control dial back to the "OFF" position to stop dispensing steam. The "" light shines steadily.

! **Caution:**

After using the steam to froth the milk, clean the Pannarello by dispensing a small quantity of hot water into a container. For detailed cleaning instructions please see the "Cleaning and Maintenance" chapter.

After having dispensed steam, you first need to cool down the machine before you can brew an espresso or a coffee. For this, follow the steps described below:



Steam/Coffee Switchover

- 1** Press the "" or "" button; the "" light flashes quickly to show that the machine is overheated and cannot dispense coffee.



- 2** It is necessary to dispense a small amount of water to cool the machine. Place a container under the steam/hot water wand (Pannarello, if supplied).



- 3** Turn the control dial to the "" position. The "" light flashes slowly.
- 4** Hot water will be dispensed.
- 5** Wait until the "" light shines steadily. Dispensing will stop automatically.



- 6** Turn the control dial back to the " position.
- 7** Now it is possible to brew an espresso or a coffee.

Brewing a Cappuccino



To prepare a cappuccino, place a cup with frothed milk under the coffee dispensing spout and brew and espresso.

DISPENSING HOT WATER**Warning:**

Danger of burning! Dispensing may be preceded by small jets of hot water. The steam/hot water wand may reach high temperatures: never touch it with bare hands. Use the appropriate protective handle only.



- 1** Before dispensing hot water, check that the "●" light is steady on. If the light flashes slowly, wait for the machine to heat up.



- 2** Place a cup under the steam/hot water wand (Pannarello, if supplied).



- 3** Turn the control dial to the "☕" position. The "●" light flashes slowly. The machine is in its warm-up phase and dispenses hot water after a few seconds.



- 4** To stop hot water dispensing, turn control dial back to the "●" position. The "●" light shines steadily.

CLEANING AND MAINTENANCE**Daily Cleaning of the Machine****Caution:**

Timely cleaning and maintenance of your machine is very important as it prolongs the life of your machine. Your machine is continuously exposed to moisture, coffee and limescale!

The activities you need to perform and their frequency are described in detail in this chapter. Not doing this will ultimately make your machine stop working properly. This repair is NOT covered by warranty!

**Note:**

- Use a soft, dampened cloth to clean the machine.
- Do not immerse the machine in water.
- Do not wash any of its parts in the dishwasher.
- Do not use alcohol, solvents, and/or abrasive objects to clean the machine.
- Do not dry the machine and/or its parts using a microwave and/or standard oven.



- 1** Empty and clean the coffee grounds drawer daily with the machine turned on.

Other maintenance operations can only be carried out when the machine is turned off and unplugged.



- 2** Empty and clean the drip tray. Perform this operation also when the full drip tray indicator is raised.



Daily Cleaning of the Water Tank



- 1** Remove the small white filter or the Intenza+ water filter (if installed) from the water tank and wash it with fresh water.
- 2** Put the small white filter back or the INTENZA+ water filter (if installed) in its housing by gently pressing and turning it at the same time.
- 3** Fill the water tank with fresh water.

Daily Cleaning of Steam/Hot Water wand (Pannarello, If Supplied).

The steam/hot water wand (Pannarello, if supplied) needs to be cleaned each time after frothing milk.



Note:

Some models of the machine are supplied with a Pannarello and some are not. Please follow the cleaning steps, depending on the model of your machine.

For machines without Pannarello:

- 1** Clean the steam/hot water wand with a wet cloth to remove milk residues.



For machines with Pannarello:

- 1** Remove the external part of the Pannarello and wash it with fresh water.



Weekly Cleaning of Steam/Hot Water Wand (Pannarello, If Supplied).**For machines without Pannarello:**

- 1** Remove the protective handle from the steam/hot water wand.
- 2** Wash the protective handle with fresh water and dry it with a cloth.
- 3** Clean the steam/hot water wand with a wet cloth to remove milk residues.

- 4** Put the protective handle back onto the steam/hot water wand.

**For machines with Pannarello:**

- 1** Remove the external part of the Pannarello.
- 2** Remove the upper part of the Pannarello from the steam/hot water wand.
- 3** Wash the upper part of the Pannarello with fresh water.
- 4** Clean the steam/hot water wand with a wet cloth to remove milk residues.

- 5** Put the upper part back into the steam/hot water wand (make sure it is completely inserted).
- 6** Reassemble the external part of the Pannarello.



Weekly Cleaning of the Brew Group and of the Coffee Outlet Duct

The brew group should be cleaned every time the coffee bean hopper is filled or at least once a week.

- 1** Turn off the machine by pressing the "ON/OFF" button and unplug the power cord.



- 2** Remove the coffee grounds drawer. Open the service door.



- 3** To remove the brew group, press the «PUSH» button and pull it by the handle. Pull it out horizontally without turning it by pulling it by the handle.



- 4** Clean the coffee outlet duct thoroughly with a spoon handle or with another round-tipped kitchen utensil.



- 5** Thoroughly wash the brew group with fresh, lukewarm water and carefully clean the upper filter.

! **Caution:**
do not use detergent or soap to clean the brew group.





- 6 Let the brew group air-dry thoroughly.
- 7 Thoroughly clean the inside of the machine using a soft, dampened cloth.
- 8 Make sure the brew group is in the off position; the two reference signs must match. If they do no match, proceed as described in step (9).



- 9 Gently pull down the lever on the back of the group until it is in contact with the brew group base and the two reference signs on the side of the brew group match.



- 10 Press the "PUSH" button firmly.



- 11 Make sure that the hook which locks the brew group is in the correct position. If it is still in the downward position push it upward until it locks correctly into place.



- 12 Insert the brew group in its seat again until it locks into place WITHOUT pressing the "PUSH" button.

- 13 Insert the coffee grounds drawer. Close the service door.

Monthly lubrication of the brew group



Lubricate the brew group after approximately 500 cups of coffee or once a month. The grease to lubricate the brew group can be purchased separately. For further details, please refer to the maintenance products page in this manual.

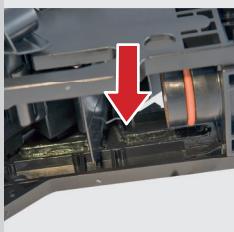


Caution:

Before lubricating the brew group, clean it under fresh water and let it dry, as described in the "Brew Group Weekly Cleaning" section.



- 1 Apply the grease evenly on both side guides.



- 2 Also lubricate the shaft.

- 3 Insert the brew group in its seat until it locks into place. (see "Brew Group Weekly Cleaning" section).

- 4 Insert the coffee grounds drawer and close the service door.



DESCALING



When the "⚠️" orange light turns on, you need to descale the machine.

Descaling time: 30 minutes

Not doing this will ultimately make your machine stop working properly. In this case, repair is NOT covered by warranty.



Warning:

Use the Saeco descaling solution only. Its formula has been designed to ensure better machine performance. The use of other products may damage the machine and leave residues in the water.



The Saeco descaling solution can be purchased separately. For further details, please refer to the maintenance products page in this manual.



Warning:

Never drink the descaling solution or any products dispensed until the cycle has been carried out to the end. Never use vinegar as a descaling solution.

Do not remove the brew group during the descaling cycle.

Preparation



- 1 Turn off the machine by pressing the ON/OFF "⌚" button.



Note:

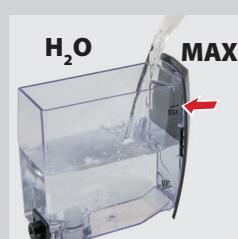
If you don't turn off machine, you'll be making a coffee instead of activating the descaling cycle!



- 2 Before beginning the descaling cycle, empty the drip tray and reinsert it, remove the Pannarello and the "Intenza+" water filter if installed.



- 3 Remove and empty the water tank. Pour in the entire content of the Saeco descaling solution. Fill the water tank with fresh water up to the MAX level. Put the water tank back into the machine.



- 4 Turn the control dial to the "●" position.



- 5 Place a large container under the steam/water wand.

Descaling



- 6 Press the "Cup" and "Cup" buttons at the same time for 5 seconds.



- 7 The "Cup" orange light starts flashing slowly and will continue to do so during the whole descaling cycle. The machine dispenses internally at several one-minute intervals the descaling solution into the drip tray. It does not dispense the descaling solution through the steam/hot water wand.
This procedure takes approx. 5 minutes.



- 8 When the "Cup" green light turns on, turn the control dial to the "Steam/Water Wand" position.

- 9 After approximately 1 minute, the machine dispenses at several one-minute intervals through the steam/hot water wand until the water tank is empty. This procedure takes approx. 15 minutes.

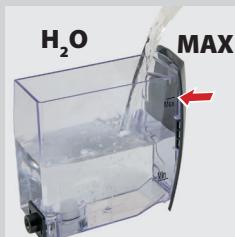


- 10 When the " P_{2x} " green light is flashing slowly, turn the control dial to the " P " position. The " P_{2x} " light turns off and the " A " red light turns on.



- 11 Remove and empty the container placed under the water\steam wand and the drip tray, then place them back in position.

Rinsing



- 12 Remove the water tank, rinse it and fill it up with fresh water up to the MAX level. If the water tank is not filled up to MAX level, the machine might require more rinse cycles. Put the water tank back into the machine.



- 13 When the " P_{2x} " green light turns on, turn the control dial to the " W " position. The machine performs a short circuit priming. The " A " orange light flashes double during the whole rinse cycle.



14 When the "L_{2x}" green light is flashing slowly, turn the control dial to the "O" position.

15 The machine dispenses internally directly into the drip tray. It does not dispense through the steam/hot water wand.



16 When the "L_{2x}" green light turns on, turn the control dial to the "W" position. The machine now dispenses from the steam/water wand.

Note:

if you wish to interrupt dispensing (for example to empty the container), turn the control dial to the "O" position. Turn the control dial to the "W" position to restart dispensing.



17 When the rinse cycle has been completed, the "W" orange light turns off and the "!" light flashes. Turn the control dial to the "O" position.

Note:

If the "W" red light turns off and the "W" orange light is still flashing, the water tank has not been filled to the MAX level for the rinse cycle. Fill the water tank with fresh water up to the MAX level. Turn the control dial to the "O" position. Repeat point 16.



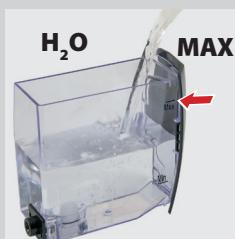
18 The "P" green light flashes. The machine warms up and performs the rinse cycle.



19 When the "power" green light shines steadily, remove the drip tray, rinse it and place it back.



20 Reinstall the Pannarello (if any).



21 Remove the water tank and rinse it. Reinstall the "Intenza+" water filter (if any). Fill the water tank with fresh water up to the MAX level. Place it back in the machine.



20 The machine is ready for use.

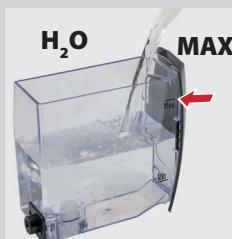
INTERRUPTION OF THE DESCALING CYCLE

Once you have started the descaling cycle, you must complete it till the very end without turning off the machine.

In case you get stuck during the descaling procedure, you can exit by unplugging the power cord. If that happens follow the steps below.



- 1** Empty the drip tray.



- 2** Empty and rinse carefully the water tank, then fill it with fresh water up to the MAX level.



- 3** Turn on the machine. The machine will start the automatic rinse cycle.



- 4** Place a container under the steam/hot water dispensing spout.



5 Turn the control dial to the "汲" position and dispense 300 ml of water.



6 Turn the control dial to the "泡" position.



7 Place the container under the coffee dispensing spout.



8 Press the "泡" button to brew a coffee.



9 Empty the container. The machine is ready for use



Note:

If the "泡" orange led does not turn off you still have to descale your machine at your earliest convenience.

UNDERSTANDING THE DIFFERENT LIGHTS

Control Panel



Light Signals	Causes	Solutions
	The machine has reached the right temperature and is ready: - for coffee brewing; - for hot water dispensing; - for steam dispensing.	
Steady on		
	The machine is warming up to brew espresso and dispense hot water or steam. The machine is performing the rinse/self-cleaning phase. The machine is dispensing.	The machine ends the rinse/self-cleaning cycle automatically. You can interrupt the rinse/self-cleaning cycle by pressing the "CUP" or "DISPENSE" buttons.
Flashing slowly		
	Overheating protection enabled. Coffee cannot be brewed yet.	It is necessary to dispense some water to cool the machine.
Flashing quickly		
	The machine needs descaling!	Not descaling your machine will ultimately make it stop working properly. This repair is not covered by your warranty.
Steady on and water drop light steady on		

Light Signals	Causes	Solutions
 Flashing slowly and  light steady on.	The machine is in the descaling mode.	Turn the control dial to the "  " position. Complete the descaling procedure.
  and  flashing slowly.	The machine is in the descaling mode.	Turn the control dial to the "  " position. Complete the descaling procedure.
 Flashing slowly and  light steady on.	The machine is in the descaling mode.	Rinse the water tank and fill it up to the MAX level. Complete the descaling procedure.
  and  lights flashing slowly	The machine is programming the amount of coffee to be brewed.	Press the button as soon as the desired amount of coffee is reached.
  Steady on and  light flashing slowly	The machine is brewing a double coffee.	
 Steady on	Low water level.	Fill the water tank with fresh water. After putting the filled water tank back, the indicator light turns off.

Light Signals	Causes	Solutions
	The coffee bean hopper is empty.	Fill the coffee bean hopper with coffee beans. Push the "ESPRESSO" or "CAFFÈ" button to make an espresso or coffee.
	The coffee grounds drawer is full.	With the machine turned on, empty the coffee grounds drawer. If the coffee grounds drawer is emptied when the machine is off, the coffee cycle counter is not reset. Wait until the  light starts flashing before putting back the coffee grounds drawer.
	The water circuit is empty.	Fill the water tank with fresh water and dispense hot water.
	Brew group is not inserted. The coffee grounds drawer is not inserted. Service door is open. Control dial is not in correct position.	Check that all parts have been correctly placed and that the door is closed. The  light will now turn off.
	A fault has occurred in the brew group.	Try to brew another espresso or another coffee.
	The machine is out of order.	Turn off the machine. Turn it back on after 30 seconds. Try this 2 or 3 times. If the machine does NOT start, contact the Philips Saeco hotline.
All lights are flashing at the same time		

TROUBLESHOOTING

This chapter summarizes the most common problems you could encounter with your machine. If you are unable to solve the problem with the information below, visit www.saeco.com/support for a list of frequently asked questions or contact the Philips Saeco hotline in your country. The contact details can be found in the warranty booklet packed separately or on www.saeco.com/support.

Problem	Possible Cause	Solution
The machine does not turn on.	The machine is not connected to the power source.	Connect the machine to the power source.
Coffee is not hot enough.	The cups are cold.	Preheat the cups with hot water.
No hot water or steam is dispensed.	The hole of the steam/hot water wand is clogged. Pannarello is dirty (if supplied).	Clean the hole of the steam/hot water wand using a pin. Make sure that the machine is off and has cooled down before performing this operation. Clean the Pannarello.
Espresso does not have enough crema (see note).	The coffee blend is unsuitable, the coffee is not freshly roasted or the grind is too coarse.	Change coffee blend or adjust the ceramic coffee grinder as explained in the "Adjusting the Ceramic Coffee Grinder" section.
The machine takes a long time to warm up or the amount of water dispensed from the hot steam/hot water wand is too small.	The machine water circuit is obstructed by limescale build-up.	Descale the machine.
The brew group cannot be removed.	The brew group is out of place. The coffee grounds drawer is inserted.	Turn on the machine. Close the service door. The brew group automatically returns to the correct position. Remove the coffee grounds drawer before removing the brew group.
The brew group cannot be inserted.	The brew group is not in the off position. The gearbox is not in the correct position.	Make sure that the brew group is in the off position, as described in the "Weekly Cleaning of the Brew Group" chapter. Insert the drip tray and the coffee grounds drawer. Close the service door. Turn on the machine without inserting the brew group. The gearbox returns to the correct position. Turn off the machine and reinser the brew group as described in the "Weekly Cleaning of the Brew Group" chapter

Problem	Possible Cause	Solution
The descaling cycle cannot be finished.	Most probably you have used not enough water for rinsing.	Unplug the power cord and follow the instructions described in the sector " Interruption of the descaling cycle".
The machine grinds the coffee beans but no coffee is brewed (see note).	The brew group is dirty. The water circuit is not primed.	Clean the brew group ("Brew Group Cleaning" section). Fill the water tank with fresh water and dispense hot water.
	This might occur when the machine is automatically adjusting the dose.	Brew a few cups of espresso coffee as described in the "Saeco Adapting System" section.
	The coffee dispensing spout is dirty.	Clean the coffee dispensing spout.
The coffee is too weak (see note).	This might occur when the machine is automatically adjusting the dose. The ceramic coffee grinder is set to a coarse grind.	Brew a few cups of espresso coffee as described in the "Saeco Adapting System" section. Adjust the ceramic coffee grinder to a finer setting (see the "Adjusting the Ceramic Coffee Grinder" section).
Coffee is brewed slowly (see note).	The coffee grind is too fine. The water circuit is not primed. The brew group is dirty.	Change coffee blend or adjust the grind setting as explained in the "Adjusting the Ceramic Coffee Grinder" section. Fill the water tank with fresh water and dispense hot water. Clean the brew group ("Brew Group Cleaning" section).
The drip tray gets filled although no water is drained.	Water is drained automatically by the machine into the drip tray to manage the rinsing of the circuits.	This is a standard operating procedure.


Note:

These problems can be considered normal if the coffee blend has been changed or if the machine has just been installed. In this case, wait until the machine performs a self-adjusting operation as described in the "Saeco Adapting System" section.

ENERGY SAVING

Stand-by



The machine is designed for energy saving- proven by the Class A energy label.

After 30 minutes of inactivity, the machine turns off automatically.

Disposal



Do not throw away the machine with the normal household waste at the end of its life, but hand it in at an official collection point for recycling. By doing this, you help to preserve the environment.

Packaging materials can be recycled.

- Machine: unplug the machine and cut the power cord.
- Deliver the appliance and power cord to a service centre or public waste disposal facility.

This product complies with EU Directive 2002/96/EC.

The symbol on the product or on the packaging indicates that this product may not be treated as household waste, instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

TECHNICAL SPECIFICATIONS

<p>The manufacturer reserves the right to make changes to the technical specifications of the product.</p>	
Nominal Voltage - Power Rating - Power Supply	See data plate on the inside of the service door
Housing material	ABS - Thermoplastic
Size (w x h x d)	295 x 325 x 420 mm - 11.5" x 13" x 16.5"
Weight	6.9 kg - 15 lbs
Power cord length	800 - 1200 mm / 31.5" - 47"
Control panel	Front panel
Pannarello (only available for certain models)	Special for cappuccinos
Cup sizes	Up to 95mm
Water tank	1.0 litres – 33 oz. / removable
Coffee bean hopper capacity	200 g / 7.0 oz.
Coffee grounds drawer capacity	8
Pump pressure	15 bar
Boiler	Stainless Steel
Safety devices	Thermal fuse

WARRANTY AND SERVICE

Warranty

For detailed information on your warranty and related conditions, please read the warranty booklet supplied separately.

Service

We want to ensure that you remain satisfied with your machine. If you have not already done so, please register your purchase at **www.saeco.com/welcome**. This will enable us to stay in contact with you and send you cleaning and descaling reminders.

For service or support, please visit the Philips website at **www.saeco.com/support** or contact the Philips Saeco hotline in your country. The contact details can be found in the warranty booklet packed separately or on **www.saeco.com/support**.

ORDERING MAINTENANCE PRODUCTS

For cleaning and descaling, use Saeco maintenance products only. You can purchase the products at the Philips online shop (if available in your country) at www.shop.philips.com/service, from your local dealer or authorised service centres.

If you have any difficulties obtaining maintenance products for your machine, please contact the Philips Saeco hotline in your country.

The contact details can be found in the warranty booklet supplied separately or on www.saeco.com/support.

Overview of maintenance products



- INTENZA+ WATER FILTER (CA6702)



- GREASE (HD5061)



- DESCALING SOLUTION (CA6700)



- MAINTENANCE KIT (CA 6706)

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The manufacturer reserves the right to make changes without prior notice.



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