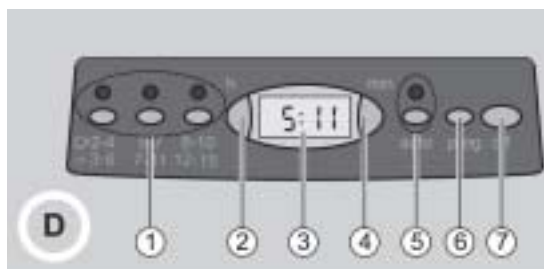
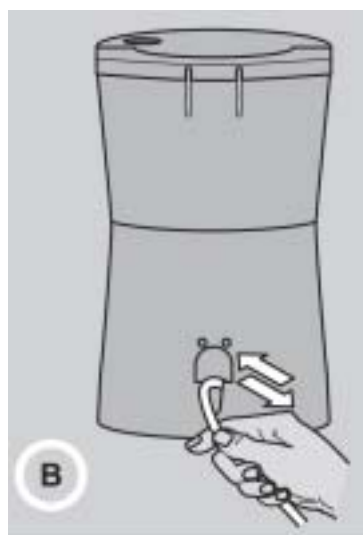




Coffee machine with timer KH 1





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# Operating Instructions

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## Safety instructions



### Danger of electric shock!

- Plug the appliance only into correctly installed and earthed power sockets rated to 230 V and 50 Hz.
- Always pull the mains plug from the socket before moving, filling or cleaning the appliance, if it shows signs of malfunction and when it is not required.
- Never immerse the appliance in water, expose it to moisture or use outdoors. Should liquid happen to penetrate the appliance's casing, unplug the appliance immediately and have it repaired by a qualified electrician.
- Never touch the appliance, power cord or plug with wet hands.
- Always unplug the power cord at the plug, do not pull on the cord itself.
- Do not fold or squeeze the power cord.
- Should the power cord or appliance housing be damaged, have the appliance repaired by a qualified professional before using it again. Never open the appliance housing. Doing so may compromise safety and will invalidate the warranty.
- Do not use an extension cable.

**⚠ Fire hazard!**

- Never leave the appliance unsupervised while it is in operation.
- Never operate the appliance without water. Always keep the water level between 0.35 and 1,4 litres.
- Never place the appliance near a heat source.

**⚠ Danger of injury!**

- Never use the glass jug in the microwave.
- Do not allow children to use the appliance unless under the supervision of an adult. Explain the dangers associated with using the appliance.
- Place the power cord in such a way that no one will step or trip on it.

**⚠ Danger of burning!**

- Never touch hot surfaces on the appliance, in particular the hot plate and the glass jug.

**⚠ Danger of scalding!**

- Never open the filter holder during the brewing process.
- Do not touch the hot filter bag. Do not remove the filter bag until the all the liquid has drained through and the bag has cooled down.
- Do not place your hands in the rising steam.
- Never move the appliance during the brewing process.
- Do not remove the pot until the brewing process has finished and the filter has run empty.
- Before switching on, always close the filter holder to avoid being scalded by escaping steam and hot water.

**⚠ Caution!**

- Always fill the water container of the appliance with clean tap water. Use of other liquids may cause damage.

**Proper use**

The coffee machine is designed exclusively for the preparation of coffee. This coffee machine is designed exclusively for use in private households. Please observe all the information in these operating instructions, particularly the safety instructions. All other uses are regarded as improper.

**Description**

The coffee machine can be used to prepare hot filter coffee. You can program the coffee machine to start brewing and keep the freshly prepared coffee warm by leaving the glass jug on the hot plate with the appliance switched on.

**Appliance overview**

Figure A:

- ① Filter holder release
- ② Filter holder
- ③ Water level indicator
- ④ Lid opener
- ⑤ Operating panel
- ⑥ Hot plate
- ⑦ Glass jug with level markings
- ⑧ Water container lid

## The operating panel

Figure D:

- ① Buttons and LEDs for the number of cups
- ② Button for setting the "Hours" (h)
- ③ Clock
- ④ Button for setting the "Minutes" (min)
- ⑤ Auto. button and LED
- ⑥ Program button
- ⑦ Switching off and clearing settings (off)

## Installation and connection

- ⇨ Always place the coffee machine on a flat, even surface.
- ⇨ When you want to connect up the coffee machine, pull out the power cord from its holder (Figure B).
- ⇨ Plug in the power cord.

## Before initial use

- ⇨ Open the glass jug (Figure A; ⑦ + ⑧) and the water container.
- ⇨ Carefully rinse out the water container and glass jug with tap water.
- ⇨ Fill the glass jug with 1.4 litres of tap water.
- ⇨ Empty the jug into the water container.
- ⇨ Place the empty glass jug on the hot plate (Figure A; ⑥).
- ⇨ Select the required number of cups "2-4".

The corresponding LED illuminates and the brewing process begins.

- ⇨ When the brewing process has finished, empty the glass jug.
- ⇨ Press the "off" button (Figure D; ⑦), until the LED for the number of cups extinguishes. You can now use your coffee machine.

## Setting the time

- ⇨ Press the "h" and "min" buttons repeatedly (Figure D; ②), until ④, you reach the desired time.
- ⇨ Now briefly press the "prog" button (Figure D; ⑥).

The two vertical dots in the display flash. The clock is working.

## Preparing the coffee

When configuring all settings on the control panel (Figure A; ⑤) apart from setting the clock and programming the machine to start brewing, you will hear a beep when you have correctly pressed a button. At the end of the brewing process, a LED flashes and you will hear four beeps. Do not remove the jug until the beeps finish.

### Filling with ground coffee

- ⇨ Push the filter holder release (Figure C).
- The filter holder swivels out to the side (Figure C).
- ⇨ Place an opened, size 4 filter into the filter holder.
  - ⇨ Pour ground coffee into the filter bag.

For each cup of strong filter coffee, you will need approx. one level measuring spoon (supplied) of ground coffee. If you prefer a weaker taste, you can reduce the amount of ground coffee per cup.

⇨ Close the filter holder.

### Filling with water

- ⇨ Open the water container lid (Figure A; ⑧).
- ⇨ Fill the glass jug with tap water.
- ⇨ Fill the water container with the correct volume of tap water for the required number of cups to the water level indicator.

### Starting the brewing process

- ⇨ Select an aroma setting in line with the required number of cups (Figure D; ①).

The corresponding LED illuminates and the brewing process begins.

**WARNING:** The lid of the water container becomes hot during the brewing process. Allow the device to cool before starting another brewing process.

### Setting the start of brewing

You can use the “prog” button (Figure D; ⑥) to set the coffee machine to start brewing at a certain time. First, always fill the coffee machine with water and ground coffee and place the glass jug onto the hot plate.

- ⇨ Press and hold the “prog” button.
- ⇨ Program the desired start time using the “h” and “min” buttons (“Setting the time”)

### Activating automatic start of brewing

- ⇨ Press the “auto” button (Figure D; ⑤), until the LED illuminates.
- ⇨ Now select the desired number of cups (“Starting the brewing process”)
- ⇨ The brewing process starts at the programmed time.
- ⇨ If you want to deactivate automatic start of brewing again, press the “off” button (Figure D; ⑦).

### Switching-off and winding up power cord

- ⇨ When you want to switch off the coffee machine, press the “off” button until all LEDs extinguish.
- ⇨ Now pull the plug from the mains socket.
- ⇨ Push the cable into its holder (Figure B) at the back of the appliance.
- ⇨ Push the metal contacts on the mains plug into the two holes above the cable holder as required.

### Cleaning

To achieve the best possible brewing results, the coffee machine should be cleaned each time it is used.

- ⇨ Pull the plug from the mains socket.

### **Danger of electric shock!**

Before cleaning the coffee machine, always unplug from the power socket. Never immerse the appliance in water or hold under running water.

### **Danger of burning!**

Always wait until the coffee machine has cooled down before cleaning it. Otherwise you could damage the appliance.

### **Caution!**

Do not use household detergents or sharp objects to remove marks. Doing so could damage the coffee machine.

- ⇨ Wipe the coffee machine housing and glass jug with mild soapsuds using a slightly damp cloth, removing any deposits inside the glass jug.
- ⇨ Remove the filter insert from its holder after each use (Figure A; ②).
- ⇨ Remove the filter bag and rinse out the filter holder and glass jug under running water.

## Decalcifying

Over the period of use, the amount of calcium (hardness) in the water will cause calcium deposits in your coffee machine. Calcium affects the function of the appliance and impairs the quality of the brewed filter coffee.

Find out about the hardness of your water by asking your water provider. If your water is particularly hard, you will need to decalcify after approx. 30 uses and after approx. 60 uses if it has a lower degree of hardness. Use a decalcifier suitable for household appliances. Observe the instructions for use on the decalcifier.

- ⇨ Switch off your coffee machine and leave to cool completely.
- ⇨ Pour the decalcifier into the water tank.
- ⇨ Fill up with water to the max. 1.4 litre mark.
- ⇨ Place the glass jug on the hot plate.
- ⇨ Switch on the coffee machine at the switch for the number of cups (Figure D; ①).
- ⇨ Wait until the brewing process has finished.
- ⇨ Press the “off” button (Figure D; ⑦).
- ⇨ Let the coffee machine brew twice containing only water, see “Before initial use”.
- ⇨ Rinse out the glass jug thoroughly several times with tap water.



## Rectifying malfunctions

### **The coffee machine will not switch on.**

A household fuse is defective. Check the fuses and replace them if necessary.

The power socket is defective. Try another power socket.

The coffee machine may be defective. Have the coffee machine inspected by a qualified electrician.

### **The quality of the brewed coffee falls.**

The coffee machine becomes calcified. Decalcify the coffee machine.

### **LED for aroma setting flashes. Four beeps.**

The brewing process has finished.

Remove the glass jug.

No water in the container. Fill with water and replace the glass jug on the hot plate.

## Disposal

Do not on any account throw the coffee machine away with your household waste. Ask your local authority how you can dispose of your coffee machine in an environmentally-friendly and proper manner.

## Technical data

Voltage: 230 V, 50 Hz

Rated power: 1400 W

Coffee filters: Size 4

Maximum filling level on glass jug and water container: 1.4 litres, equivalent to 10 large or 15 small cups

## Warranty and service

Please see the supplementary sheet for warranty conditions and the service address.

