

# CafeFresco

410

Coffee Machine with integrated coffee grinder  
Operating Instructions and Useful Tips



NIVONA

A passion for coffee.



## Operating Instructions and Useful Tips

---

Dear Customer,

Congratulations and many thanks for choosing a high-quality NIVONA product. To get the most out of your NIVONA machine, please read this manual carefully before use. Please start by reading the safety notes.

Please keep this manual in a safe place. You may want to use it as reference guide or hand it on to any further users of your machine.

Purchase made at

-----

Place, date

-----



## Equipment



- A** Rotating bean container with aroma protection lid
- B** Grinder settings indicator
- C** Filter release catch
- D** Coffee funnel
- E** Pivoting filter base with filter holder, aroma protection cover and anti-drip valve
- F** Stainless steel thermos jug with lid
- G** Base for thermos jug

- H** Water reservoir with easy-access lid
- I** Water level indicator
- J** On / Off button
- K** Illuminated text display
- L** Program button 'P' and control knob 'P'
- M** Automatic timer button 'A'
- N** Power cord storage compartment (rear / underside)
- O** Model nameplate (underside)



# Equipment



2



3



4



5



6



7



8



9



10



11



# Contents

---

## **1. Safety instructions**

## **2. Before use**

## **3. Set up**

3.1 Preparing the machine

3.2 Getting started

## **4. Making coffee**

4.1 Using pre-ground coffee

4.2 Programming the machine to use pre-ground coffee

4.3 Operating the coffee-grinder

4.4 Using fresh coffee from the coffee-grinder

4.5 Programming the machine to use fresh coffee from  
the coffee-grinder

## **5. General settings for operating the coffee-grinder**

5.1 Selecting the number of cups / quantity of coffee

5.2 Selecting the coffee strength

## **6. General settings / useful tips**

6.1 Deactivating the timer function

6.2 Switching the machine off

6.3 Removing the coffee jug before brewing is complete

6.4 Pouring coffee

## **7. Cleaning**

7.1 Cleaning the coffee grinder

7.2 Cleaning the coffee machine

## **8. Descaling**

## **9. Further instructions**



# 1. Safety instructions

- The machine is for domestic use only and is not suitable for commercial applications.
- Operating voltage must be the same as mains voltage. Please note the sticker on the underside of the machine (Fig. 1/0).
- Keep the power cord away from hot parts.
- Do not operate the machine if the power cord or machine case is damaged.
- Do not unplug the machine by pulling on the power cord.
- Certain machine parts, such as the filter base, become very hot during operation. Only handle the machine using the grips and controls provided for the purpose.
- Never open the reservoir lid while coffee is being brewed, as you may burn yourself.
- Do not pour water into the machine when hot – turn the coffee machine off first and let it cool for at least 5 minutes.
- Make sure to switch off and unplug the machine before maintenance or cleaning.
- Do not submerge the machine in water.
- Use the coffee grinder for grinding roasted coffee beans only – do not use it to grind other foods. Always make sure there is nothing but coffee beans in the beans container, **otherwise guarantee will not apply.**
- **Note:** Do not use beans which have been treated with supplements such as sugar during or after roasting. Supplements can damage the grinding mechanism and any repair costs arising as a result **are not covered by the guarantee.**
- Place the machine on a level, solid surface and use it indoors only.
- Do not place the machine on a hot surface or near open flames.
- Keep the machine away from children.
- Always unplug the machine during extended periods of absence.
- Do not put the machine or individual parts in the dishwasher. Wipe the outside with a damp cloth only.



## ... 1. Safety instructions

- Unplug immediately if there is a defect (do not pull the cord or machine to unplug).
- Liability for damages cannot be accepted if the machine is incorrectly operated, subject to improper use or non-professional servicing. In such cases, services will not be provided under the guarantee.
- This machine is not suitable for individuals (including children) with physical, sensory or mental impairments, including individuals who do not have sufficient experience or knowledge, unless they are shown how to operate the machine or initially supervised by someone responsible for their safety.

If repair services are required, including replacement of the power cord, please send the machine to the dealer from whom it was purchased, or to NIVONA Central Customer Services.

**Caution!** Electrical appliances must be repaired by qualified personnel! Non-professional repairs

can expose the user to significant risks. Liability for damages cannot be accepted if the machine is used for any other than the intended purpose, incorrectly maintained or serviced.

### **CE – This machine conforms to the following EC guidelines:**

- 73/23/EEG dated 19/02/1973 “Low Voltage Directive”, including amendment 93/68/EEG.
- 89/336/EEG dated 03/05/1989 “EMV Directive”, including amendment 92/31/EEG.

### **Specifications**

Mains voltage: 220 – 240 V

Power input: 1000 W

**Note:** Your coffee machine has a cord storage compartment – if the power cord is too long, any surplus can be accommodated in the storage area on the underside of the machine to avoid accidents.



## 2. Before use

### Unpacking

→ Carefully extract the machine and all parts from the packaging and remove all protective seals.

**Caution:** Please remove the protective seal on the pivoting filter! In order to do this, open the lid of the water reservoir and remove the aroma protection cover and filter holder (fig. 1/E, fig. 7, fig. 8). Remove the seal which fixes the filter to the water reservoir and replace the filter holder and aroma protection cover afterwards.

**Note:** If you need to return your machine for servicing, it can be sent by post in the original packaging. Please keep all packaging and protective material for this purpose.

**Important:** This machine was inspected and tested with coffee before leaving the factory. Although the machine was thoroughly cleaned, coffee traces may remain in the machine. It is nonetheless brand new.

### Setting the time

**The time must be set before the machine is first operated – otherwise it can not be switched on. Please follow the instructions below:**

→ Plug the machine into the mains power supply. The display shows in German “Zeit, Std.” (“Time, hrs”).

→ To enter the time (hours), turn the control knob P (fig. 1/L) until the correct hour appears. Confirm by pressing the button ‘P’ (fig. 1/L).

→ Now turn the control knob P again to adjust the minute. Confirm by pressing the button ‘P’ (fig. 1/L).

You have now set the time. Unless you press the button ‘P’ again within 3 seconds in order to adjust the coffee quantity settings (aroma selection), the default setting in German “8, Mittel” (“8, medium”) appears.



## 3. Set up

### 3.1 Preparing the machine

→ Before making coffee for the first time, please carry out the brewing operation once or twice with the maximum amount of water, but no coffee. This gives the machine a thorough clean.

→ To do this, plug the machine into the mains power supply (see previous point), once fully unpacked. Fill the water reservoir (fig 1/H) to the upper cup limit (MAX) with cold water (no mineral water!)

→ Turn the thermos jug lid clockwise to close (fig. 1/F) and place the jug on the base (fig. 1/G). The lid must always be on the jug during brewing, as it opens the anti-drip valve. Freshly brewed coffee drips down into the thermos jug through a special opening in the lid.

→ Switch the machine on and let the water run down without coffee or filter paper into the coffee jug, pressing the On / Off button (fig. 1/J) to start. Pour the water away. Repeat a second time if required.

### 3.2 Getting started

#### Filling the water reservoir

Lift the lid covering the water reservoir (fig. 1/H and fig. 4) and fill it with fresh, cold tap water up to the desired level (as shown by the cup markings on the water level indicator on the side of the reservoir (fig. 1/I and 2)). This indicator is accurate for fresh water only – as the coffee grains soak up some of the water during the brewing operation, the quantity of coffee actually brewed will be slightly lower.

**Important:** Never fill with hot water, nor, under any circumstances, with milk, tea, brewed coffee, etc.!

#### Inserting filter paper

→ Insert filter paper size 4 in the filter holder. Fold the perforated edges of the filter paper flat in the usual manner. The water reservoir lid must be kept open for this step.

→ To prevent any loss of aroma during grinding and brewing, your coffee machine is fitted with an aroma protection cover (fig. 8)



## ... 3. Set up

which must be removed to insert the filter paper. When the size 4 filter paper has been inserted, make sure the aroma protection cover is correctly fitted. On one side it has a semi-circular rib which fits into the corresponding groove in the filter holder.

→ When the filter is in place, shut the water reservoir lid.

### Install the coffee jug

→ Now place the closed coffee jug on the machine base (fig. 1/G). The lid must always be on the jug, as it opens the anti-drip valve. The freshly brewed coffee drips down into the thermos jug through a special opening in the lid.



## 4. Making coffee

→ You can brew your coffee in various ways: using pre-ground coffee or fresh coffee beans, for immediate or timer-operated start. In each case the machine switches off automatically after brewing.

→ If you use fresh coffee beans and the integrated grinder, you can choose between various aroma and quantity settings. If you use traditional pre-ground coffee, CafeFresco operates like a normal coffee machine.

### 4.1 Using pre-ground coffee

→ Fill the water reservoir with water as detailed above (see point 3.2) and insert a filter (size 4).

Fill the filter with the desired amount of ground coffee and place the coffee jug on the base. Switch the machine on using the On / Off button (fig. 1/J). The red light comes on and the brewing operation begins.

**Hint:** To avoid overfilling, make sure that you do not use more ground coffee than is necessary to make 10 cups of coffee (general rule: 1 heaped spoon per cup). Only use ground coffee suitable for filter coffee – do not use pre-ground espresso coffee.

### 4.2 Programming the machine to use pre-ground coffee

As for the previous point, fill the reservoir with water and insert filter



## ... 4. Making coffee

paper (see point 3.2). Then add ground coffee to the filter and place the thermos jug on the base (fig. 1/G). Select a start time for the brewing operation as follows:

- Press the button 'P' (fig. 1/L). The display reads in German "Brühen?" ("Brew?").
- Turn the control knob 'P' and the display reads in German "Zeit?" ("Time?").
- Press 'P' again and the display reads in German "Autostart: Zeit?" ("Autostart: time?").
- After pressing 'P', select the desired start time (hours) by turning the control knob 'P'.
- Confirm by pressing the button 'P'.
- Now select the number of minutes in the same way, confirming by pressing the button 'P'.
- When you have selected a start time, it appears for a few seconds in the display as confirmation.
- As soon as the start time disappears, activate the automatic timer by pressing the button 'A' (fig. 1/M).

The display shows the programmed start time and the green light in the button 'A' comes on. The brewing operation will then start at the given time. The second line of the display does not mean anything in

this function. When the given time arrives, the green light goes off and the red light comes on for the duration of the brewing operation.

**Tip:** Unless you wish to change the start time, you can activate the programmed settings simply by pressing button 'A' (after having filled the water reservoir and set in place filter paper, ground coffee and coffee jug!).

### 4.3 Operating the coffee grinder

#### Fill the bean container

→ There is a bean container located above the coffee grinder of your CafeFresco (fig. 1/A and fig. 5), designed to keep your coffee beans as fresh as possible. Please fill the bean container with fresh coffee beans.

#### Grinding settings

→ You can adjust the fineness of the grind to suit your preferences and the roast of the beans (fig. 1/B and fig. 6). Simply turn the rotating bean container (fig. 1/A and fig. 5).

**Tip:** We recommend that you start with a medium setting, as this is suitable for most coffee types available in the shops. You can



## ... 4. Making coffee

ascertain the current setting by reading the scale (fig. 1/B and fig. 6).

→ The basic principle is that the smaller the dot, the finer the grind:

- A light roast requires a finer grind
- A dark roast requires a coarser grind

### 4.4 Brewing coffee using fresh coffee from the coffee grinder

Fill the water reservoir with water and insert filter paper (see point 3.2). Make sure that there are enough coffee beans in the bean container. Then place the coffee jug on the base.

Select the desired brewing settings:

→ Press the button 'P'. The display reads in German "Brühen?" ("Brew?").

→ Press the button 'P' again and the display reads in German "Brühen: Jetzt" ("Brew: now").

→ Having again pressed the button 'P', you can select the desired quantity of ground coffee and cups (4, 6, 8 or 10 cups) by turning the control knob 'P'.

→ Confirm by pressing the button 'P'.

→ Now select the coffee strength (aroma selection) settings in the same way: "Mild, Mittel, Stark" ("mild, medium or strong").

→ Confirm the desired choice by pressing the button 'P'.

After you have selected the brewing settings, swing the filter base (fig. 1/E) out to the left until it clicks into place (fig. 1/E) and press the 'On' button. The red light then comes on and coffee grinding begins. When the grinding process is complete, the filter automatically swings back into brewing position and the brewing operation begins.

**Note:** There may be slight discrepancies in quantities when the grinder is used for the first time.

### 4.5 Programming the machine to use fresh coffee from the coffee grinder

Fill the water reservoir with water and insert filter paper (see point 3.2). Make sure that there are enough coffee beans in the bean container. Place the coffee jug on the base. Now select the desired brewing options (quantity, strength and time settings):



## ... 4. Making coffee

- Press the button 'P' (fig. 1/L). The display reads in German "Brühen?" ("Brew?").
- Press the button 'P' again and the display reads in German "Brühen: Jetzt" ("Brew: now").
- Turn the control knob 'P' (fig. 1/L) and the display reads in German "Brühen: Auto" ("Brew: auto").
- After pressing the button 'P' you can select grinding and cup quantities (4, 6, 8 or 10 cups) by turning the control knob 'P'.
- Confirm by pressing the button 'P'.
- Now select the desired coffee strength (aroma selection) in the same way: "Mild, Mittel, Stark" ("mild, medium or strong")
- Confirm your selection by pressing the button 'P'.
- Press the button 'P' again. The display reads in German "Brühen?" ("Brew?").
- Turn the control knob 'P' and the display reads in German "Zeit?" ("Time?").
- Press the button 'P' again and the display reads in German "Auto-start: Zeit?" ("Autostart: time?").
- After pressing the button 'P', select the desired start time (hours) by turning the control knob 'P'.
- Confirm by pressing the button 'P'.

- Now select the desired minute setting in the same way.
- After you have selected the start time, it appears for a few seconds in the display as confirmation.
- As soon as the start time disappears, activate the automatic timer by pressing the button 'A' (fig. 1/M).
- The display shows the programmed start time, and the green light in the button 'A' comes on.

Now swing the filter base (fig. 1/E) out to the left until it clicks into place.

The grinding and brewing operation starts automatically at the given time. When the given time arrives, the green light goes off and the red light comes on for the duration of the brewing operation. After the grinding process, the filter swings automatically back into brewing position and the brewing operation begins.

**Tip:** Unless you wish to change the start time, you can activate the programmed settings simply by pressing the button 'A' (after having filled the water reservoir and bean container, set in place filter paper and coffee jug and swung the filter base out to the left!).

---



## 5. General settings for operating the coffee grinder

---

### 5.1 Selecting the number of cups

Even numbers of cups can be selected (4, 6, 8 or 10) by turning and pressing the 'P' control knob, as described in 4.4. The number of cups selected then appears on the left in the second line of the display.

### 5.2 Selecting the coffee strength

You can select coffee strength settings by pressing the button 'P' as described in point 4.4. The display reads in German "Mild, Mittel, Stark" ("mild", medium or strong") to show whether mild, medium or strong coffee is to be brewed.

---



## 6. General settings / useful tips

---

### 6.1 Deactivating the timer function

If you have activated the timer function by pressing the button 'A' (fig. 1/M) but would not like the program to run, simply press the button 'A' again. The green light goes off again and the program is deactivated.

### 6.2 Switching off

If you would like to end the brewing operation before it is complete, switch the machine off by pressing the On / Off button (fig. 1/J).

### 6.3 Removing the coffee jug during the brewing operation

When the jug is removed, the anti-drip valve prevents any drips from

falling onto the base. If you are in a hurry, you can therefore briefly remove the thermos jug during the brewing operation, pour out 1 – 2 cups and replace it within 20 seconds to continue the brewing operation.

### 6.4 Pouring out coffee

To pour coffee from the thermos jug, remove it when the brewing operation is complete and open by turning the lid counter-clockwise until the dot symbol is level with the jug's spout.

**Tip:** In order to ensure that the coffee is of even strength throughout, gently move it back and forth in the thermos jug when the brewing operation is complete.



## 7. Cleaning

**Note:** It is essential to observe the following instructions for cleaning.

### 7.1 Cleaning the coffee grinder

The grinder funnel occasionally needs to be cleaned (at the latest when it blocks!) to keep it clear of oily coffee residues. Follow the instructions below (when the bean container is empty!):

- First unplug the machine.
- Hold the grinder funnel cover (fig. 10) by the front and lift the cover slowly off towards the front.
- Open the water reservoir lid (fig. 4) and remove the aroma protection cover (fig. 8).
- Place a filter in the filter holder and swing it out to the left until it clicks into grinding position.
- Remove any coffee residues from the grinder funnel (fig. 11), not forgetting the rear section of the funnel, using a suitable instrument (e.g. a clean paint brush), so that it falls into the filter paper. A suitable vacuum cleaner accessory also works well.
- Wipe out the grinder funnel and empty bean container with a dry cloth.
- Press the release button (fig. 9) to swing the filter back into brewing position.

→ Empty the filter paper and put the grinder funnel cover back on (push it in at the front until it audibly clicks into place).

→ Finally make sure the aroma protection cover is correctly fitted, and shut the water reservoir lid. The machine is now operational again.

**Tip:** If lighter coffee beans are used, the grinder funnel does not need to be cleaned as regularly as when darker, oilier coffee beans are used.

Avoid blockages in the grinder funnel as follows:

- Do not use frozen coffee beans, as thawing causes condensation which can cause blockages.
- Do not swing the filter out into the grinding position immediately after brewing, as the steam rising from the coffee grounds can cause blockages.
- Do not place the coffee machine next to a hob or deep fryer, as fat can cause blockages.
- Always keep the coffee bean container closed, and occasionally wipe out any oily coffee residues using a dry cloth.



## ... 7. Cleaning

### 7.2 Cleaning the coffee machine

The filter holder can be removed for easy emptying and cleaning (see fig. 7).

- Remove the thermos jug and open fully the lid of the water reservoir (fig. 4)
- Remove the aroma protection cover. Then use your finger to find the rear grip indentation in the filter holder and pull out the filter holder using the pop-up handle. You can now clean it, not forgetting to actuate the anti-drip valve several times.
- Replace the filter holder, keeping the pop-up handle upright. Then lay the handle flat in the direction of the water reservoir. Make sure the holder is correctly inserted. The filter holder is now locked in place.

Then replace the aroma protection cover, close the water reservoir lid and set the thermos jug back on the base.

**Caution!** Use a damp cloth only to clean the outside of **the machine**, and **never submerge in water**. The parts of your high-quality NIVONA coffee machine are not suitable for the dishwasher.



## 8. Descaling

Your coffee machine will retain its high quality longer if you descale regularly.

Your CafeFresco comes with an automatic descaling reminder function. After 800 cups of coffee have been brewed, in German „Entkalken“ (“Descal”) appears in the display. Follow the steps as indicated. If the descaling reminder has not appeared after 3 months:

We recommend that, as a precaution, you descale your machine every 3 months. (If you have purchased a reusable gold tone filter please remove it from the filter holder before descaling.)

Only use ecological descaling agents for descaling and follow the instructions provided by the manufacturer. Never use descaling agents based on concentrated formic acid and ideally no agents in powder form. Never use vinegar or acetic acid based agents for descaling. Use standard liquid products recommended for use on coffee machines.

### Descaling procedure:

- Fill the water reservoir with water, then add the descaling agent – never the other way round!
- Set the thermos jug on the base and leave the descaling agents for about 15 minutes, then turn on the machine.
- Start the cycle by pressing the On / Off button (fig. 1/J). When all the descaling agent has run through, turn the machine off again.
- Repeat if necessary. For each descaling cycle, however, perform at least two subsequent cycles with clean water only.

Rinse the coffee jug, coffee jug lid and filter holder thoroughly under running water after the descaling operation. Remember to actuate the anti-drip valve several times.



## 9. Further instructions

→ If the machine is unplugged or there is a power cut, the settings entered remain saved for about 3 minutes. They must be re-entered if the power supply is cut for any longer period of time.

→ If the filter swings out to the left by accident, swing it back to the right by pressing the release catch (fig. 1/C and fig. 9).

### **What to do, if ...**

... the filter does not automatically swing back into brewing position?

→ Make sure the filter holder is correctly fitted.

→ Make sure the aroma protection cover is correctly fitted.

... the coffee runs too slowly into the coffee jug?

→ Clean the anti-drip valve.

→ Descale the machine.

→ Select a coarser grinder setting (see 4.3, grinder settings).



## ... 9. Further instructions

Please keep the original packaging and protective material for storage and transport purposes.

### **Spare parts / accessories**

You can purchase spare parts and descaling agents from any well-stocked specialist retailer.

### **Customer service**

NIVONA products are designed to meet the highest quality standards. However, if questions do arise while you operate your machine, we would like to hear from you. Your support is essential to our mission to further develop and improve our products so that they fully meet your needs.

### **Guarantee and customer service conditions**

Please consult the detailed guarantee and customer service conditions in the appropriate information booklet.

### **Protecting the environment**



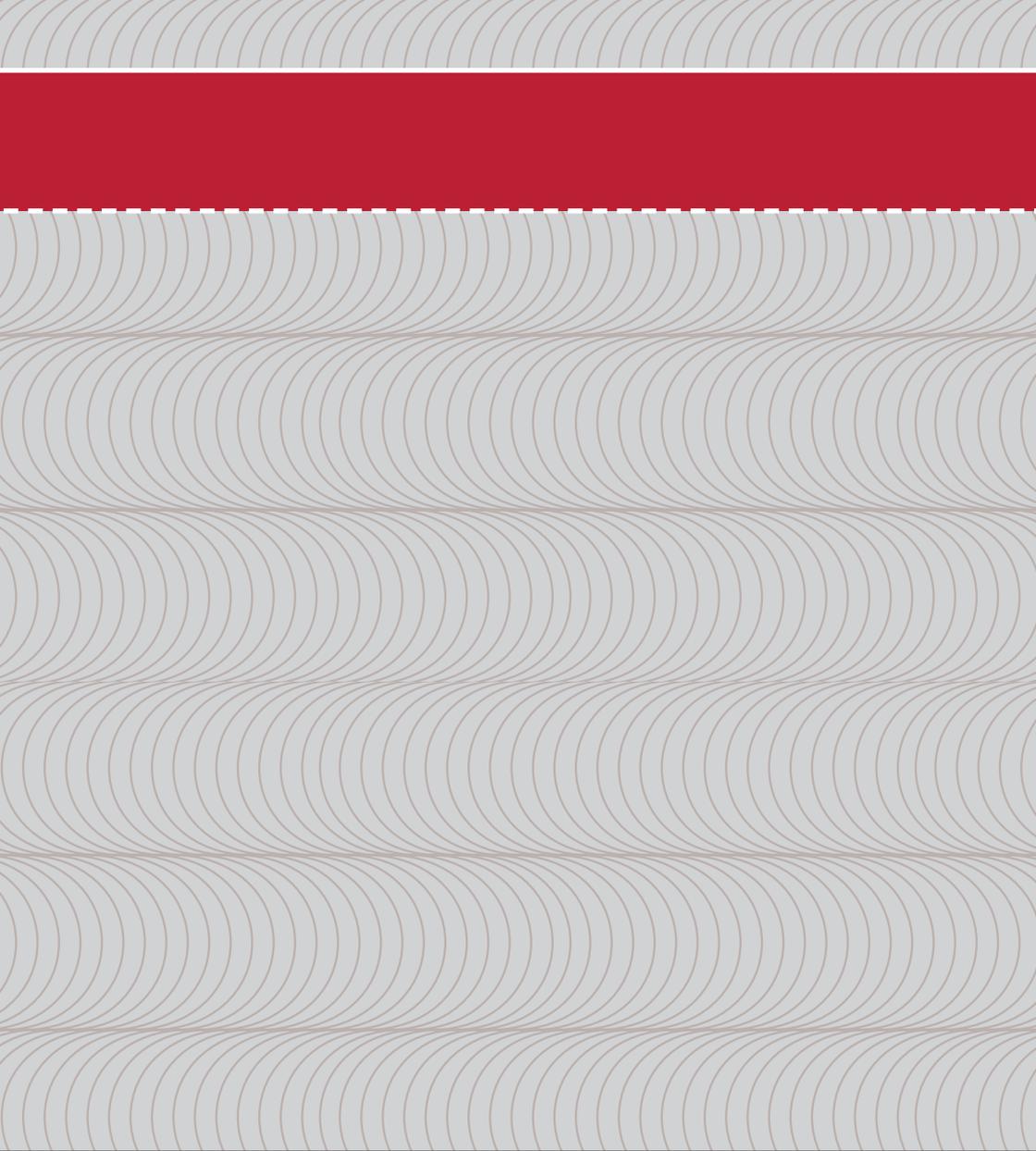
Electric and electronic appliances often contain valuable or harmful materials

which should not be processed in the same way as normal household waste. If incorrectly processed, they can harm human health and the environment.

Please therefore do not put your machine in the dustbin with normal waste. Instead submit it to the “collection point for the disposal and recycling of electric and electronic appliances” provided by your local council. You can obtain further information from your local council, the waste collection services or the specialist retailer who sold you the product.







**Nivona Apparate GmbH**  
**Fritz-Haber-Straße 10**  
**D-90449 Nürnberg**  
**[www.nivona.com](http://www.nivona.com)**

**© 2008 by NIVONA**