

# Öko Santo Super 2573-4 KA

Fridge

Operating Instructions

## Dear customer,

Before placing your new refrigerator/freezer into operation please read these operating instructions carefully. They contain important information for safe use, for installation and for care of the appliance.

Please keep these operating instructions for future reference. Pass them on to possible new owners of the appliance.



Notes which are important for your safety or for the proper functioning of the appliance are stressed with a warning triangle and/or with signal words (Warning!, Caution!, Attention!). Please observe the following carefully.



Supplementary information regarding operation and practical applications of the appliance appear after this symbol.



Tips and notes concerning economical and environmentally sound use of the appliance are marked with the cloverleaf.

The operating instructions contain instructions for the correction of possible malfunctions by the user in the section "What to do if ...". If these instructions should not be sufficient, our customer service department is always available to you.

Printed on paper manufactured with environmentally sound processes.

who thinks ecologically acts accordingly ...

# Contents

<b>Safety</b> . . . . .	4
<b>Disposal</b> . . . . .	6
Appliance Packaging Information . . . . .	6
Disposal of old Appliances . . . . .	6
<b>Remove transport safeguard</b> . . . . .	6
<b>Installation</b> . . . . .	7
Installation Location . . . . .	7
Your refrigerator needs air . . . . .	8
Rear spacers . . . . .	8
Rehingeing the door . . . . .	8
<b>Prior to Initial Start-Up</b> . . . . .	10
Electrical Connection . . . . .	10
<b>Control panel</b> . . . . .	11
<b>Starting up and temperature regulation</b> . . . . .	11
<b>Interior Accessories</b> . . . . .	12
Storage shelves . . . . .	12
Door rack . . . . .	12
<b>Fresh food refrigeration</b> . . . . .	12
<b>Defrosting</b> . . . . .	13
<b>Switching off the appliance</b> . . . . .	14
<b>Cleaning and Care</b> . . . . .	14
<b>Energy Saving Tips</b> . . . . .	15
<b>What to do if</b> . . . . .	16
Correcting Malfunctions . . . . .	16
Changing the light bulb . . . . .	17
<b>Customer Service</b> . . . . .	18
<b>Regulations, Standards, Guidelines</b> . . . . .	18

# Safety

The safety aspects of our refrigerators/freezers comply with accepted technical standards and the German Appliance Safety Law. Nevertheless, we consider it our obligation to make you aware of the following safety information:

## **Intended use**

- The refrigerator is intended for use in the home. It is suitable for the cooling. If the appliance is used for purposes other than those intended or used incorrectly, no liability can be accepted by the manufacturer for any damage that may be caused.
- Alterations or changes to the appliance are not permitted for reasons of safety.
- If you use the refrigerator in a commercial application or for purposes other than the cooling, freezing or frozen storage of foods, please observe all valid legal regulations for your application.

## **Prior to initial start-up**

- Check the refrigerator for transport damage. Under no circumstance should a damaged appliance be plugged in! In the event of damage, please contact the vendor.

## **Refrigerant**

The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.

- During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.
- If the refrigerant circuit should become damaged:
  - avoid open flames and sources of ignition;
  - thoroughly ventilate the room in which the appliance is situated.

## **Safety of children**

- Packaging (e.g. wraps, polystyrene) can be dangerous for children. There is a risk of suffocation! Keep packaging material away from children!
- Please make old appliances unusable prior to disposal. Pull out the mains plug, cut off the mains cable, break or remove spring or bolt-

---

catches, if fitted. By doing this you ensure that children cannot lock themselves in the fridge when playing (there is risk of suffocation!) or get themselves into other dangerous situations.

- Often children cannot recognise the hazards present in household appliances. It is therefore important that you ensure adequate supervision and never let children play with the appliance!

### **Daily Operation**

- Containers with flammable gases or liquids can leak at low temperatures. There is a risk of an explosion! Do not store any containers with flammable materials such as, for example, spray cans, fire extinguisher refill cartridges etc in the refrigerator/freezer.
- Bottles and cans must not be placed in the freezer compartment. They can burst when the contents freeze, high carbonate content drinks can even explode! Never store lemonade, juices, beer, wine, sparkling wine etc. in the freezer compartment. Exception: high alcohol content spirits can be stored in the freezer compartment.
- Do not put ice creams or ice cubes in the mouth immediately after removal from the freezer compartment. Very cold ice can freeze to the lips or tongue and cause injury.
- Do not touch frozen food with wet hands. Your hands could freeze to the food.
- Do not operate any electrical appliances in the refrigerator/freezer (e.g. electric ice cream makers, mixers etc.).
- Before cleaning the appliance, always switch off the appliance and unplug it, or pull the house fuse or switch off the circuit breaker.
- When unplugging always pull the plug from the mains socket, do not pull on the cable.

### **In case of malfunction**

- If a malfunction occurs on the appliance, please look first in the "What to do if ..." section of these instructions. If the information given there does not help, please do not perform any further repairs yourself.
- Refrigerators/freezers may only be repaired by qualified service engineers. Improper repairs can give rise to significant hazards. If your appliance needs repairing, please contact your specialist dealer or our Customer Service.

# Disposal

## Appliance Packaging Information

All materials are environmentally sound! They can be dumped or burned at an incinerating plant without danger!

About the materials: The plastics can be recycled and are identified as follows:

>PE< for polyethylene, e.g. the outer covering and the bags in the interior.

>PS< for polystyrene foam, e.g. the pads, which are all free of chlorofluorocarbon.

The carton parts are made from recycled paper and should be disposed of at a waste-paper recycling collection location.

## Disposal of old Appliances

For environmental reasons, refrigeration appliances must be disposed of properly. This applies to your old appliance, and - at the end of its service life - for your new appliance as well.

Warning! Before disposing of old appliances make them inoperable. Remove plug from mains, sever the power cable, remove or destroy any snap or latch closures. This eliminates the danger that playing children lock themselves into the appliance (danger of suffocation!) or place themselves into other life-endangering situations.

### Disposal:

- The appliance may not be disposed of with domestic waste or bulky refuse.
- The refrigerant circuit, especially the heat exchanger at the back of the appliance, may not be damaged.
- Information concerning collection schedules or locations can be obtained from the local disposal authorities or town hall.

## Remove transport safeguard

The appliance and the interior fittings are protected for transport.



- Remove all adhesive tape and packing pieces from the interior of the appliance.

You can remove any remnants of adhesive using white spirit.

# Installation

## Installation Location

The appliance should be set up in a well ventilated, dry room.

Energy use is affected by the ambient temperature. The appliance should therefore

- not be exposed to direct sunlight;
- not be installed next to radiators, cookers or other sources of heat;
- only be installed at a location whose ambient temperature corresponds to the climate classification, for which the appliance is designed.

The climate classification can be found on the serial plate, which is located at the left on the inside of the appliance.

The following table shows which ambient temperature is correct for each climate classification: each climate classification:

Climate classification	for an ambient temperature of
SN	+10 bis +32 °C
N	+16 bis +32 °C
ST	+18 bis +38 °C
T	+18 bis +43 °C

If installation next to a source of heat is unavoidable, the following minimum clearances must be maintained at the sides of the appliance:

- for electric cookers 3 cm;
- for oil and coal fired ranges 30 cm.

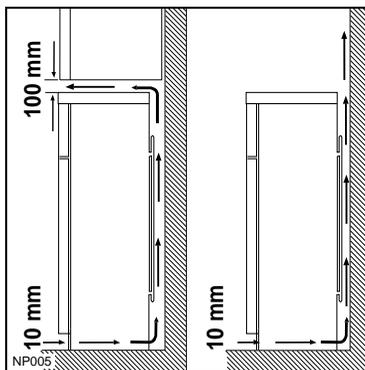
If these clearances cannot be maintained a heat insulating pad is required between the cooker and the refrigeration appliance.

If the refrigeration appliance is installed next to another refrigerator or freezer a clearance of 5 cm at the sides is required, in order to prevent the formation of condensation on the outside of the appliance.

## Your appliance needs air

For safety reasons, minimum ventilation must be as shown Fig.

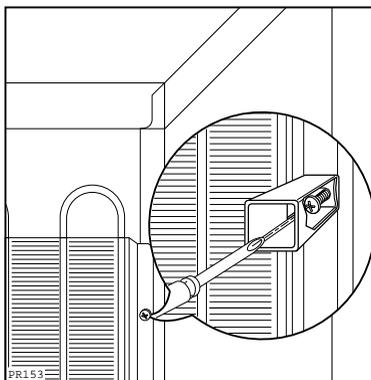
**Attention: keep ventilation openings clear of obstruction;**



## Rear spacers

In the bag with the documentation, there are two spacers which must be fitted.

slacken the screws and insert the spacer under the screw head, then re-tighten the screws.



## Rehinging the door

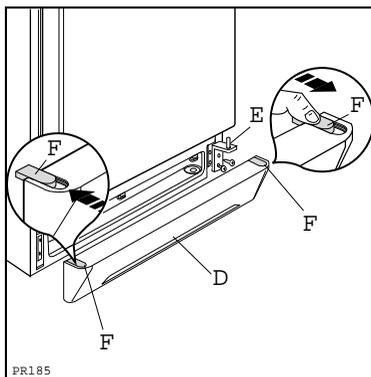
The side at which the door opens can be changed from the right side (factory adjustment) to the left side, if the installation site requires.



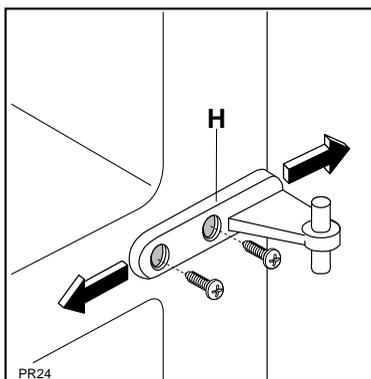
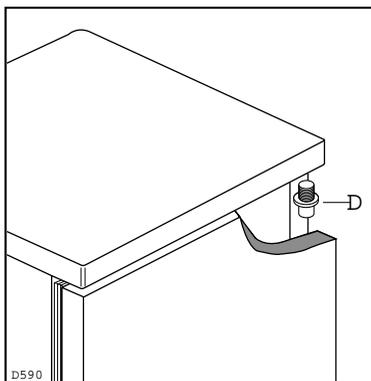
**Warning!** When changing the side at which the door opens, the appliance may not be connected to the mains. Remove plug from the mains beforehand.

### Proceed as follow:

1. Remove the clip-in ventilation grille (D).
2. Remove the bottom hinge (E) by unscrewing the two fixing screws.
3. Slide the bottom door off the centre hinge (H).

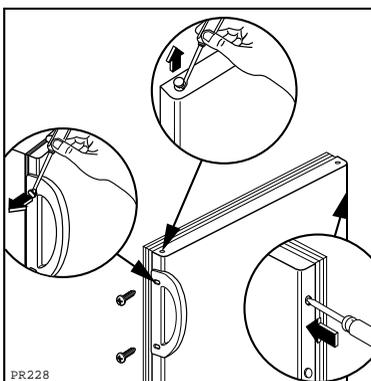


4. Remove the centre hinge and slide the top door off pin (D); unscrew pin (D) and refit it on the opposite side.
5. Remove the two plugs, to reveal the holes for the hinge pivots, and remount them on the other side.
6. Refit the top door and the centre hinge (H) on the opposite side.
7. Refit the bottom door.
8. Refit bottom hinge (E) on the opposite side, using the two screws previously removed.
9. Remove blanking cover (F) from ventilation grille (D) by pushing it in the direction of the arrow and refit it on the opposite side.
10. Refit ventilation grille (D), clipping it into place.
11. Unscrew the handle. Refit it on opposite side after having pierced the plugs with a punch. Cover the holes left open with the plugs contained in the documentation pack.



**Attention:**

After having reversed the opening direction of the doors check that all the screws are properly tightened and that the magnetic seal adheres to the cabinet. If the ambient temperature is cold (i.e. in Winter), the gasket may not fit perfectly to the cabinet. In that case, wait for the natural fitting of the gasket or accelerate this process by heating up the part involved with a normal hairdrier.



# Prior to Initial Start-Up

- Please clean the appliance interior and all accessories prior to initial start-up (see section: "Cleaning and Care").

## Electrical Connection

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

### **WARNING – THIS APPLIANCE MUST BE EARTHED**

**The manufacturer declines any liability should these safety measures not be observed.**

Before switching on, make sure the electricity supply voltage is the same as that indicated on the appliance rating plate. The rating plate is inside, on the left.

The appliance is supplied with a 13 amp plug fitted. In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS 1362) fuse must be used.

### **Important!**

The wires in the mains lead are coloured in accordance with the following code:

Green and Yellow Earth

Blue Neutral

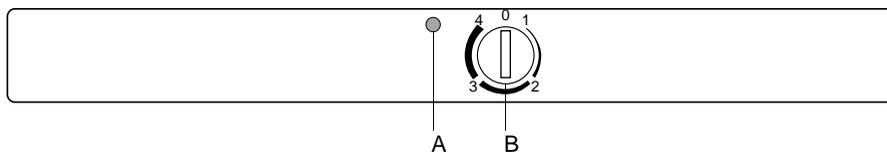
Brown Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings indentifying the terminals in your plug, proceed as follows:

1. The wire coloured green and yellow must be connected to the terminal marked with the letter „E“ or by the earth symbol or coloured green and yellow.
2. The wire coloured blue must be connected to the terminal „N“ or coloured black.
3. The wire coloured brown must be connected to the terminal marked „L“ or coloured red.
4. Upon completion there must be not cut, or stray strands of wire present and the cord clamp must be secure over the outer sheat.

**Warning!** A cut-off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that the cut-off plug is disposed of safely.

## Control panel



A- Mains control light

B- Thermostat button (Temperature selector)

## Starting up and temperature regulation

- Insert the plug of the connection lead into the plug socket with protective earth contact. Turn the thermostat knob (B), clockwise, beyond the «O»(STOP) position. The pilot light (A) will light up, indicating that the appliance is in operation.

**Setting „0“ means:** Off.

**Setting „1“ means:** Highest temperature, (warmest setting).

**Setting „4“ (end-stop) means:** Lowest temperature, (coldest setting).

However, the exact setting should be chosen keeping in the mind that the temperature inside the refrigerator depends on:

- the quantity of food stored
- how often the door is opened

### **Important!**

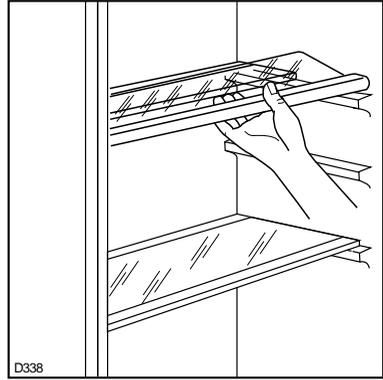
High ambient temperatures (e.g. on hot summer days) and a cold setting on the temperature regulator (position "5" to "6") can cause the compressor to run continuously.

If this happens, turn the temperature regulator back to a warmer setting (position "3" to "4"). At this setting the compressor will be switched on and off as usual and automatic defrosting recommenced.

# Interior Accessories

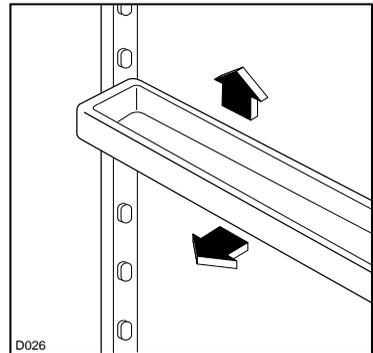
## Storage shelves

- You should always slide one of the full size glass storage shelf into the lowest set of guides, above the fruit and the vegetable containers, and keep it in this position.
- The height of the storage shelves can be adjusted:
- To do this pull the storage shelf forward until it can be swivelled upwards or downwards and removed.
- Please do the same in reverse to insert the shelf at a different height. Slide the front half of the Vario storage shelf in another level to the rear. By this means you will gain space to place tall items on the storage shelf below.



## Adjusting the upper door rack

- Depending on the food stored, the upper door racks can be changed to other holders or removed. Take out the refrigerators food, press the door racks diagonally upwards at their edges, reposition them, and press them back into place.



# Fresh food refrigeration

To obtain the best performance:

- do not store warm food or evaporating liquids in the refrigerator
- do cover or wrap the food, particularly if it has a strong flavour.
- Position food so that air can circulate freely round it.

Useful hints:

**Meat** (all types): wrap in polythene bags and place on the glass shelf above the vegetable drawer(s) **For safety, store in this way only one or two days at the most.**

**Cooked foods, cold dishes, etc:** these should be covered and may be placed on any shelf.

**Fruit and vegetables:** these should be thoroughly cleaned and placed in the special drawer(s) provided.

**Butter and cheese:** these should be placed in special airtight containers or wrapped in aluminium foil or polythene bags to exclude as much air as possible.

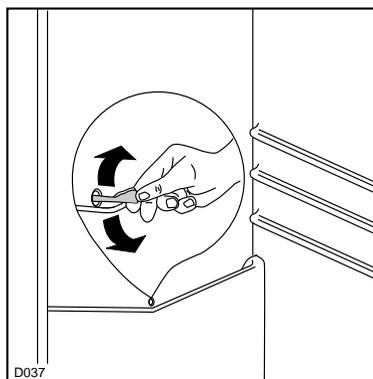
**Milk bottles:** these should have a cap and should be stored in the bottle rack on the door.

**Bananas, potatoes, onions and garlic, if not packed, must not be kept in the refrigerator.**

## Defrosting

### Refrigerator

Frost is automatically eliminated from the evaporator of the refrigerator compartment every time the motor compressor stops, during normal use. The defrost water drains out through a trough into a special container at the back of the appliance, over the motor compressor, where it evaporates.



**We particularly recommend that you periodically clean the defrost-water drainage outlet, located in the center of the drainage groove in the refrigerator compartment, to prevent the defrost water from overflowing on to foods stored in the compartment. Use a special cleaner provided, which you will find already inserted into the discharge hole.**

# Switching off the appliance

To switch off the appliance, turn the temperature regulator to position "0".

**If the appliance is not going to be used for an extended period:**

1. Remove all refrigerated packages.
2. Switch off the appliance by turning the temperature regulator to position "0".
3. Remove the mains plug or switch off or turn out the circuit breaker or fuse.
4. Clean thoroughly (see section: "Cleaning and Care").
5. Leave the door open to avoid the build up of odours.

## Cleaning and Care

For hygienic reasons the appliance interior, including interior accessories, should be cleaned regularly.



### Warning!

- The appliance may not be connected to the mains during cleaning. Danger of electrical shock! Before cleaning switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse.
- Never clean the appliance with a steam cleaner. Moisture could accumulate in electrical components, danger of electrical shock! Hot vapours can lead to the damage of plastic parts.
- The appliance must be dry before it is placed back into service.

### Attention!

- Ethereal oils and organic solvents can attack plastic parts, e.g.
  - lemon juice or the juice from orange peels;
  - butyric acid;
  - cleansers which contain acetic acid.

Do not allow such substances to come into contact with appliance parts.

- Do not use any abrasive cleansers.
1. Remove the food from the refrigerator.
  2. Defrost the freezer compartment prior to cleaning (see "Defrosting" section).
  3. Switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse.
  4. Clean the appliance and the interior accessories with a cloth and lukewarm water. Commercially available dish washing detergents may also be used.
  5. After cleaning wipe with fresh water and rub dry.
-  Accumulation of dust at the condenser increases energy consumption. For this reason carefully clean the condenser at the back of the appliance once a year with a soft brush or a vacuum cleaner.
6. Check the water drain hole on the rear wall of the fridge. Clear a blocked drain hole with the aid of the green peg in the pack of accessories included with the appliance.
  7. After everything is dry place appliance back into service.



## Energy Saving Tips

- Do not install the appliance near cookers, radiators or other sources of warmth. High ambient temperatures cause longer, more frequent operation of the compressor.
- Ensure sufficient air circulation and exhaust at the appliance base and at the back wall of the appliance. Never cover air vent openings.
- Do not place warm foods into the appliance. Allow warm foods to cool first.
- Only leave door open as long as necessary.
- Do not set temperature any colder than necessary.
- Put frozen food in the fridge to defrost. The cold in the frozen food will then be used to cool the fridge.
- Keep the heat emitting condenser, the metall grille on the rear wall of your appliance, always clean.

# What to do if ...

## Correcting Malfunctions

A malfunction may be caused by only a minor fault that you can rectify yourself using the following instructions. Do not perform any other work on the appliance if the following information does not provide assistance in your specific case.

**Warning!** Repairs to refrigerators/freezers may only be performed by qualified service engineers. Improper repairs can give rise to significant hazards for the user. If your appliance needs repairing, please contact your specialist dealer or our Customer Service.

Malfunction	Possible Cause	Remedy
Appliance does not work.	Appliance is not switched on	Switch on the appliance.
	Mains plug is not plugged in or is loose.	Insert mains plug.
	Fuse has blown or is defective.	Check fuse, replace if necessary.
	Socket is defective.	Mains malfunctions are to be corrected by an electrician.
Appliance cools too much.	Temperature is set too cold.	Turn the temperature regulator to a warmer setting temporarily..
The food is too warm.	Temperature is not properly adjusted.	Please look in the "Initial Start Up" section.
	Door was open for an extended period.	Open the door only as long as necessary.
	A large quantity of warm food was placed in the appliance within the last 24 hours.	Turn the temperature regulator to a colder setting temporarily.
Interior lighting does not work.	The appliance is near a heat source.	Please look in the "Installation location" section.
	Light bulb is defective.	Please look in the "Changing the Light Bulb" section.

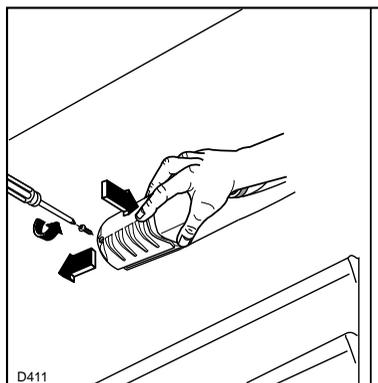
Heavy build up of frost, possibly also on the door seal.	Door seal is not air tight (possibly after changing over the hinges).	Carefully warm the leaking sections of the door seal with a hair dryer (not hotter than approx. 50 °C). At the same time shape the warmed door seal by hand such that it sits correctly.
Unusual noises.	Appliance is not level.	Readjust the feet.
	The appliance is touching the wall or other objects.	Move the appliance slightly.
	A component, e.g. a pipe, on the rear of the appliance is touching another part of the appliance or the wall.	If necessary, carefully bend the component out of the way.
The compressor does not start immediately after changing the temperature setting.	This is normal, no error has occurred.	The compressor starts after a period of time.
Water on the floor or on storage shelves.	Water drain hole is blocked.	See the "Cleaning and Care" section.

## Changing the light bulb



**Warning!** There is a risk of electric shocks! Before changing the light bulb, switch off the appliance and unplug it, or pull the fuse or the circuit breaker. Light bulb data: 220-240 V, max. 15 W

1. To switch off the appliance, turn the temperature regulator to position "0".
2. Unplug the mains plug.
3. To change the light bulb, undo the screw.
4. Press the light bulb cover as shown and slide it backwards.
5. Change the defective light bulb.
6. Refit the light bulb cover and the screw.
7. Put the refrigerator back into operation.



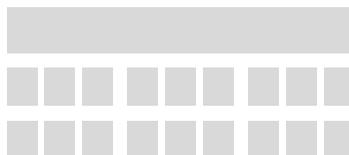
# Customer Service

If you cannot find the remedy for a malfunction in these operating instructions, please contact your dealer or our customer service department. Addresses and telephone numbers are listed in the accompanying booklet "Guarantee Conditions/Customer Service Locations".

Selective ordering of replacement parts can save unnecessary travel and costs. For this reason always provide the following appliance information:

This information can be found on the serial plate in the interior at the left of the appliance.

- Model Name
- Model Number (PNC)
- Serial Number (S-No.)



We recommend that you enter this information here, so that it is handy if needed.

**Note:** The customer bears the costs of unjustified customer service calls even during the guarantee period.

## Regulations, Standards, Guidelines

This appliance was designed for household use and was manufactured in accordance with the appropriate standards. The necessary measures in accordance with appliance safety legislation regulations (GSG), accident prevention regulations for refrigeration appliances (VBG 20) and the regulations of the German Society of Electrical Engineers (VDE) were observed in the manufacture of this appliance.

The refrigerant circuit has been checked for leaks.

- CE This appliance is in accordance with the following EU guidelines:
- 73/23/EEG dated 19 February 1973 - low voltage guidelines.
  - 89/336/EEG dated 3 May 1989  
(including guideline change notice 92/31/EEG) - EMV guideline



AEG Hausgeräte GmbH

Postfach 1036

D-90327 Nürnberg

<http://www.aeg.hausgeraete.de>

2222 016-71