

KV6L



190076

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Read this instruction manual before using and keep it available at all times!

This instruction manual contains information about installation, operation and maintenance of the appliance and constitutes an important source of information and reference guide. The knowledge of all operational and safety instructions included in this manual is a prerequisite for safe and proper handling of the appliance. Additionally, accident prevention, occupational health and safety, and legal regulations in force in the area the appliance is used apply.

Before you start using the appliance, especially before turning it on, read this instruction manual in order to avoid personal injuries and property damages. Improper use may cause damage.

This instruction manual forms an integral part of the product and must be stored in an immediate vicinity of the appliance and be available at all times. The instruction manual should be transferred together with the appliance.

1 Safety

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This appliance has been manufactured in accordance with technical standards currently in force. However, the appliance may be a source of hazards if used improperly or contrary to its intended purpose. All persons using the appliance must consider information included in this instruction manual and observe safety instructions.

1.1 Explanation of signal words

Important safety instructions and warning information are indicated in this instruction manual with appropriate signal words. You must strictly follow the instructions, to prevent accidents, personal injuries and property damages.



DANGER!

The signal word **DANGER** warns against hazards that lead to severe injuries or death if the hazards are not avoided.



WARNING!

The signal word **WARNING** warns against hazards that may lead to moderate or severe injuries or death if the hazards are not avoided.



CAUTION!

The signal word **CAUTION** warns against hazards that may lead to light or moderate injuries if the hazards are not avoided.

IMPORTANT!

The signal word **IMPORTANT** indicates possible property damages, which may occur if safety instructions are not observed.

NOTE!

The symbol **NOTE** indicates subsequent information and guidelines for the user on usage of the appliance.

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1.2 Safety instructions

Electrical current

- Too high a mains voltage or incorrect installation may cause electric shock.
- The appliance may be connected only if data on the rating plate correspond with the mains voltage.
- To avoid short-circuit, the appliance should be kept dry.
- If there are malfunctions during operation, disconnect the appliance from the power supply.
- Do not touch the appliance's plug with wet hands.
- Never take hold of the appliance if it has fallen into water. Immediately disconnect the appliance from the power supply.
- Any repairs or housing opening may be carried out by professionals and relevant workshops only.
- Do not transport the appliance, holding it by the power cord.
- Do not allow the power cord to come into contact with heat sources or sharp edges.
- Do not bend, pinch nor knot the power cord.
- Always completely unwind the power cord.

- Never place the appliance or other objects on the power cord.
- Always take hold of the plug to disconnect the appliance from the power supply.

Fire hazard / flammable materials hazard / explosion hazard!

- Do not use any electric devices in the appliance.
- Do not store nor use petrol or other flammable liquids and gases in the vicinity of this or any other appliance. Those gases may cause fire or explosion hazard.
- Do not put into the appliance any explosive materials, like sprays filled with flammable propellants. Contents of containers filled with flammable gases and liquids may leak in low temperatures, and the contents may catch fire from sparks generated by an electric appliance. Explosion hazard!
- In the case of coolant leakage, pull the plug from the socket. Remove all sources of ignition in the vicinity, ventilate room and contact technical service. Avoid coolant getting in contact with eyes, as it may cause serious eye damage.
- Never use any flammable liquids for cleaning the appliance or its parts. Gases released may cause fire or explosion hazard.
- In the case of fire, disconnect the appliance from the power supply before attempting adequate fire-extinguishing actions.
- Never attempt to extinguish fire with water if the appliance is connected to the power supply. Following extinction of fire, ensure sufficient fresh air inflow.
- Defrosting process may not be sped up with mechanical means or heat energy sources (candles or heaters) nor with any other means. Vapour produced may cause short-circuit and too high temperatures may damage the appliance.
- All ventilation slots should not be obstructed during operation.
- Never attempt to damage cooling installation of the appliance.

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Operating personnel

- The appliance may only be operated by qualified personnel and trained specialist personnel.
- This appliance may not be operated by persons (including children) with limited physical, sensory or mental capabilities, nor by persons with limited experience and/or limited knowledge.
- Children should be supervised to ensure that they are not playing with or switching on the appliance.

Improper use

- Unintended or prohibited use may cause damage to the appliance.
- The appliance may only be used when its technical condition is flawless and allows for safe operation.

Safety

- The appliance may only be used when all connections are executed according to rules of law in force.
- The appliance may only be used when it is clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.
- Do not introduce any changes in the appliance nor modify it.
- Do not drill hole in the appliance nor install any objects on it.
- Do not place any heavy objects on the appliance.

1.3 Intended use

As described below, every use of the appliance for a purpose differing and/or diverging from its intended standard use, is prohibited and considered to be an unintended use.

The following is an intended use:

- Chilling of milk for preparing coffee in a coffee machine.

1.4 Unintended use

An unintended use may lead to personal injuries or property damages caused by hazardous voltage, fire or high temperature. The appliance may only be used to perform tasks described in this instruction manual.

The following is an unintended use:

- Storing flammable or explosive objects and liquids, such as ether, petroleum or adhesives.
- Storing explosive materials, like sprays filled with flammable propellants.
- Storing pharmaceutical products or preserved blood.
- Storing live pets.

2 General information

2.1 Liability and warranty

All information and instructions in this instruction manual account for legal regulations in force, current level of technical engineering knowledge as well as our expertise and experience, developed over the years. If special models or additional options are ordered, or state-of-the-art technical solutions were implemented, the actual scope of delivery of the appliance may, in some circumstances, differ from descriptions and numerous drawings in this instruction manual.

The manufacturer is not liable for any damages nor faults stemming from:

- failure to observe instructions,
- unintended use,
- technical alterations introduced by the user,
- usage of unapproved spare parts.

We reserve the right to introduce technical modifications to the product, intended for improvement of the appliance and its performance.

2.2 Copyright protection

This instruction manual, and texts, drawings and images included in it, as well as its other components are copyright protected. It is prohibited to reproduce this instruction manual (including its excerpts), in any form and by any means, and to use and/or transfer its content to third parties without manufacturer's written permission. Violation of the above results in obligation to pay compensation. We reserve the right to claim further damages.

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2.3 Declaration of conformity

The appliance meets the currently applicable standards and guidelines of the European Union. We confirm the above in the EC Declaration of Conformity. We may provide relevant Declaration of Conformity upon request.

3 Transport, packaging and storage

3.1 Delivery check

Immediately upon reception, check the delivery for completeness and possible shipping damage. In the case of visible transport damage refuse to accept the appliance or accept it conditionally. Mark and note the scope of damage in shipping documents/consignment list of the shipping company and lodge a complaint. Concealed damage must be reported immediately upon its discovery, as compensation claims may only be filed within applicable time limits.

If you find that parts or accessories missing, please contact our Customer Service Department.

3.2 Packaging

Do not dispose of the appliance cardboard box. It may be used to store the appliance when relocating or when shipping the appliance to our service point in the case of any damages.

The packaging and its elements are made of recyclable materials. Particularly, these are: plastic films and bags, cardboard box.

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When disposing of the packaging, observe applicable domestic regulations. Recyclable packaging materials should be recycled.

3.3 Storage

Leave the packaging closed until installation of the appliance; observe external indications concerning method of placing and storage. Store the packaging in the following conditions only:

- in closed rooms;
- in dry and dust-free surrounding;
- away from aggressive agents;
- in a location protected against sunlight;
- in a location protected against mechanical shocks.

In the case of extended storage (over three months), make sure you check the condition of the packaging and the parts regularly. If needed, replace the packaging with a new one.

4 Technical data

4.1 Technical specifications

Name:	Milk refrigerator KV6L
Art. No.:	190076
Material:	Sheet steel, powder-coated
Inner material:	Plastic ABS
Inner dimensions, in mm:	160 x 125 x 280
Volume, in litres:	6
Temperature range, min.–max., in °C:	0 - 4
Coolant / g:	R600a / 12
Climate class:	3
Ambient temperature:	25
Power supply:	0,061 kW / 230 V / 50 Hz
Number of doors:	1
Dimensions (W x D x H), in mm:	225 x 460 x 452
Weight in kg:	12,4

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We reserve the right to implement technical modifications!

Version / Characteristics

- Cooling: compressor, circulating air
- Temperature control: electronic, in 1°C increments
- Opening for milk hose:
 - 2 openings, left and right side of the appliance, Ø7 mm
- Automatic defrost function
- Evaporation of condensed water
- Insulation: cyclopentane
- Control: electronic
- Internal lighting
- Digital display
- Door type: leaf door
- Door hinge: right side
- LED lighting, may be switched separately

- Direct milk suction via side openings of the appliance

4.2 List of components of the appliance



- | | |
|-----------------------------------|-----------------|
| 1. Control panel | 2. Door |
| 3. Feet (4x) | 4. Housing |
| 5. Ventilation slots | 6. LED lighting |
| 7. Openings for milk hose (2 pcs) | |

4.3 Functions of the appliance

The appliance is suitable for chilling milk.

5 Installation and operation

5.1 Installation

Unpacking / Positioning

- Unpack the appliance, remove all external and internal packaging elements and shipment safeguards.



CAUTION!

Choking hazard!

Prevent children from accessing package materials, for instance: plastic bags and EPS.

- If the appliance is covered with a protective film, remove it. Remove the film slowly, so no glue residues are left. Remove any glue residues with the use of a suitable solvent.
- Be careful not to damage the rating plate and warning labels fixed on the appliance.
- **Never** place the appliance in humid or wet environment.
- Place the appliance in a way making the connections easily accessible, so that they may be quickly disconnected if such a need arises.
- The appliance should be placed on surfaces that are:
 - even, with sufficient bearing capacity, resistant to water, dry and resistant to high temperatures;
 - sufficiently large, and thus enabling usage of the appliance with no problems;
 - easily accessible;
 - well ventilated.
- Maintain sufficient clearance from table edges. The appliance might turn over and fall down.
- Leave at least 10 cm clearance from walls and other objects.
- The appliance should be installed only in rooms, in which ambient temperature does not exceed 25°C.
- Do not position the appliance in high humidity locations. Air relative humidity should not exceed 55 %.

- Do not place the appliance in direct sunlight or in the vicinity of heat sources (cooker, radiator, heating devices, etc.). Heat sources may negatively affect power consumption, and restrict functions of the appliance, too.
- In order to avoid damage to the compressor, do not tilt the appliance more than 45° when positioning or transporting it.

Power supply connection

- Verify if technical data of the appliance (see rating plate) correspond with the local electric power grid specification.
- Connect the appliance to a single, properly grounded mains socket with protective contact. Do not connect the appliance to a multi-socket.
- The power cord should be laid in a way preventing anyone from threading on it or tripping against it.
- Prior to first use, the appliance should be installed and left standing upright for at least 2 hours, before it is connected to power supply.
- After a power failure or when the plug is removed from the socket, do not reconnect the appliance to power supply for at least 5 minutes.

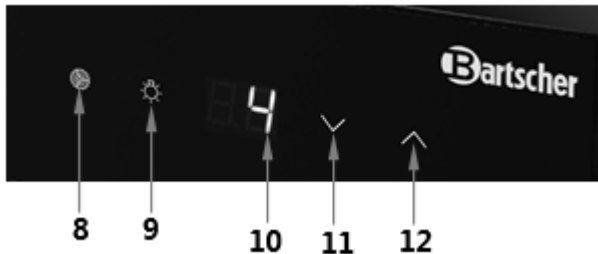
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5.2 Operation

Preparation of the appliance

1. Prior to first operation, clean the appliance and its equipment according to instructions in section 6 **“Cleaning”**.
2. Finally, dry the appliance and accessories thoroughly.
3. Close the appliance door.
4. Plug the appliance into a single grounded socket.
5. If needed, the temperature may be altered with digital temperature control regulator buttons.

Digital temperature regulator



- | | |
|---------------------------------|---------------------------------|
| 8. SET button | 9. LED lighting button |
| 10. Digital temperature display | 11. Temperature decrease button |
| 12. Temperature increase button | |

Operation

1. Press and hold the SET button (8) for approximately 1 second.
The device switches to the settings mode.
2. Reduce the temperature with the arrow button (11) or increase the temperature with the arrow button (12).

The indicator light flashes 8 times and stores the set value.

The appliance will be chilled to the set temperature.

3. When the appliance reaches the temperature, insert milk cartons.

The cooling compartment houses 3 standard size milk cartons.

Do not obstruct ventilation openings, to provide for air circulation and, in turn, a good chilling effect.

4. Remove rubber plugs, which are put into milk hose openings, and put them aside.



5. Slide one slim milk hose(approx. Ø 7 mm) into one of the openings.
6. Put one end of the hose into the milk carton.
7. Put the other end into milk suction of a coffee machine.

Right after the coffee machine is switched on, the milk will be sucked, provided it is needed to prepare the beverage.

8. Disconnect the appliance from mains power supply if it is not used any more.

Switching lighting ON/OFF

The appliance is equipped with LED lighting. It is located in internal compartment ceiling.

In any case, if switching the LED lighting ON is required, press the LED lighting button (9).

Automatic defrosting

The appliance is provided with the automatic defrosting function. Condensed water is removed to a plastic tray under the appliance. Hot gas tube is laid in the tray; it is covered with protective finish coating and thus protected against corrosion. As a rule, the defrosting function is activated every 8 hours.

6 Cleaning

6.1 Safety Instructions for cleaning

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- Before cleaning, disconnect the appliance from the power supply.
- Leave the appliance to cool down completely.
- Make sure water does not enter the appliance. Do not immerse the appliance in water or other liquids during cleaning. Do not clean the appliance with a pressurized water jet.
- Do not use any sharp or pointed, nor metal implements (knife, fork, etc.). Sharp or pointed implements may damage the appliance, and when in contact with live parts, they may cause electric shock.
- For cleaning, do not use any scouring agents that contain solvents nor corrosive cleaning agents. They may damage the surface.

6.2 Cleaning

1. At the end of a working day clean the appliance thoroughly.
2. Remove all objects from the appliance.
3. Clean the internal compartment with warm water and soft cloth or sponge. Use mild cleaning agent if required.
4. Wipe the washed surfaces with a cloth moistened in clean water.
5. Wipe the appliance housing and door with frame with a soft, moistened cloth.
6. Finally, dry thoroughly all washed surfaces.
7. Leave the door open for the appliance to dry completely.
8. The condenser should be cleaned at least once a month with a vacuum cleaner or a brush, to remove the built-up dust.
9. To clean the condenser, remove sheet metal cover at the rear wall of the appliance.

7 Possible Malfunctions

The table below contains descriptions of possible causes and solutions to malfunctions or errors during operation of the appliance. When malfunction cannot be removed, contact the technical service.

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Error	Possible Cause	Solution
The appliance does not start.	No power.	Check the plug, sockets and fuses.
The appliance does not chill sufficiently.	Damaged thermostat.	Contact the service company.
	The door is not closing properly.	Check the door seal. Clean it if necessary.
	Obstructed ventilation openings.	Check the ventilation openings.
	Contaminated condenser.	Clean the condenser.

Error	Possible Cause	Solution
The appliance operates loudly.	The appliance is not levelled.	Check if the appliance is levelled.
	Constant vibrations.	Check if the appliance does not come in contact with any object, both inside and outside.

The following phenomena are not malfunctions:

1. During normal operation, a sound of water flowing is heard. This is a sound of coolant flowing through the installation.

8 Disposal

Electrical appliance



Electric appliances are marked with this symbol. Electrical appliances must be disposed of and recycled in a correct and environmentally friendly manner. You must not dispose of electric appliances with household waste. Disconnect the appliance from the power supply and remove power cord from the appliance.

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Electrical appliances should be returned to designated collection points.

Coolant

The propellant used in the appliance is flammable. It should be utilised pursuant to national regulations in force.