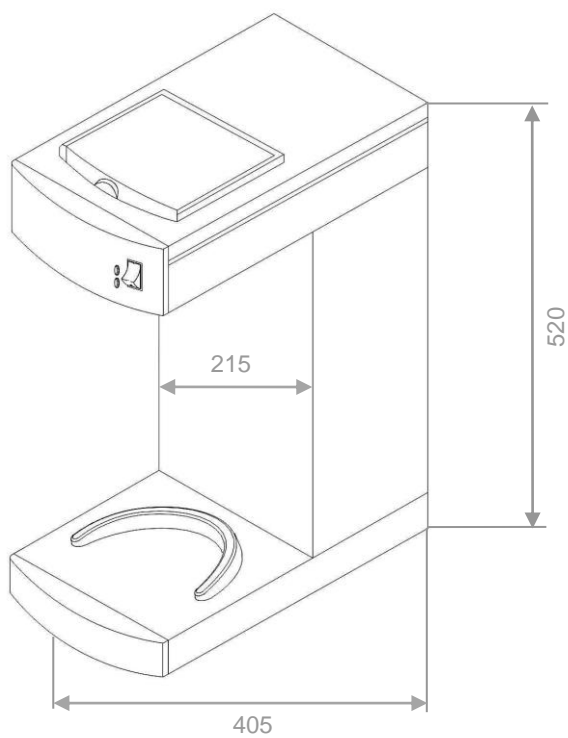
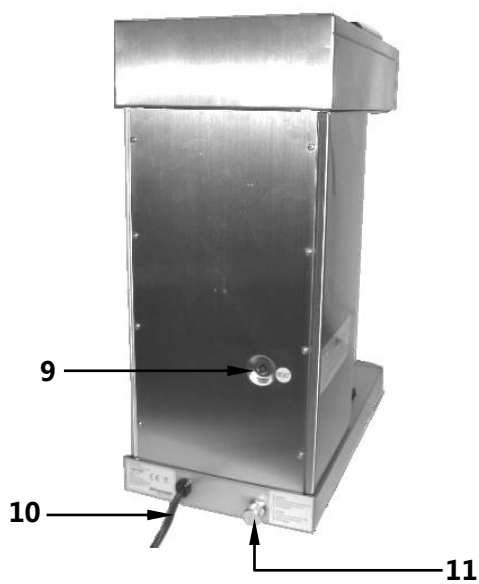


## „Aurora 22“



**190157**





**ENGLISH**

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

This instruction manual contains information about the installation, operation and maintenance of the device and should be consulted as an important source of information and reference guide.

Awareness of the safety instructions and instructions for use in this manual will ensure the safe and correct use of the device.

In addition to the information given here, you should comply with any local Health and safety Controls and generally applicable safety regulations.

The instruction manual forms part of the product and should be kept near the device and easily accessible for anyone carrying out the installation, servicing, maintenance or cleaning.

Please keep these instructions and give them to future owners of the device.

## 1.Safety

This device is designed in accordance with the presently applicable technological standards. However, the device can pose a danger if handled improperly and inappropriately.

All persons using the device must follow the recommendations and instructions in this instruction manual.

### 1.1 Key to symbols

In this manual, symbols are used to highlight important safety instructions and any advice relating to the device. The instructions should be followed very carefully to avoid any risk of accident, personal injury or material damage.



**WARNING!**

This symbol highlights hazards which could lead to injury.



**WARNING!**

This symbol highlights dangerous situations which could lead to injury or death.



### **HOT SURFACE!**

This symbol is a warning that the device surface is hot when in use. Ignoring this warning may result in burns!



### **HOT STEAM!**

This symbol indicates that during the operation the hot steam escapes from the device. Risk of scalding if safety instructions are not observed!



### **CAUTION!**

This symbol highlights dangerous situations which could lead to light injuries, or damage, malfunction, and/or destruction of the device.



### **NOTE!**

This symbol highlights recommendations and information aimed for effective and trouble-free device operation.

## **1.2 Safety instructions**

- The device can be used by children 8 years and up, as well as by people with disabilities and those with limited experience/ knowledge as long as they are under supervision or have been instructed on proper use of the device and its possible dangers. Children should not play with the device. Cleaning and maintenance cannot be performed by children younger than 8 years old and must be done under supervision. Children under the age of 8 years old must be kept away from the device and its power cord.
- **Never** leave the device unattended when in use.
- Only use the device indoors.

- The device is not adapted for use with an external timer or remote control.
- The device must be operated in correct and safe technical condition only. In case of operational problems disconnect the device from the power supply (pull the plug from the socket) and contact the service company.
- Prevent access of children to the package materials like plastic bags and foamed polystyrene elements. **Suffocation hazard!**
- Only a qualified technician and using original spare parts and accessories should carry out repairs and maintenance of the device. **Do not attempt to repair the device yourself.**
- Do not use any accessory or spare parts that have not been recommended by the manufacturer. These can be dangerous for the user or lead to damages of the device or personal injury, and further, the warranty expires.
- To prevent hazards and to ensure optimum efficiency, no modifications or alterations to the device that are not explicitly approved by the manufacturer may be undertaken.



## **DANGER! Electric shock hazard!**

Follow the safety instructions below to avoid the hazard.

- Never allow the power cable to come into contact with heat sources or sharp edges. The power cable should not hang over the side of the working surface. Ensure that no one can step on or trip over the cable.

- The power cable must not be folded, bent or tangled, and must always remain fully unrolled. Never place the device or other objects on the power cable.
- Do not cover the cable. Keep away the cable from operating range and do not immerse it into water.
- Check the power cord regularly for damage. Do not use the appliance if the power cord is damaged. If this cable is damaged, it must be replaced by customer service or a qualified electrician in order to avoid dangers.
- The supply cable must be disconnected from the socket only by pulling the plug.
- Never carry or lift the device by the supply cable.
- In any case do not open the device housing. In case of electrical or mechanical modifications the **electric shock hazard** will occur.
- Do not use any acid agents and make sure no water ingresses the device.
- **Never** operate the device with moist hands or standing on wet floor.
- Remove the plug from its socket:
  - when the device is not used,
  - in case of anomalies during operation,
  - before cleaning.





## **HOT SURFACE! Burn hazard!**

Follow the safety instructions below to avoid the hazard.

- During the operation, the surface of the device is very hot! To prevent burns to fingers and hands do not touch hot surfaces of the device! During operation only touch the designated handles and switches.



## **WARNING! Risk of scalding with hot steam and water!**

Follow the safety instructions below to avoid the hazard.

- During the brewing a small amount of hot steam is produced. To avoid burns, be careful when removing the thermos pump jug from the lower plate.
- Drain the water from the water tank only when the device and the water cooled down sufficiently. Finally, retighten the drain screw.



## **CAUTION!**

**In order to avoid any damages of the device follow the instructions below:**

- **Never** wash the device in the dishwasher.
- Do not use any sharp objects or abrasive cleaning agents for surface cleaning.
- Do not turn the device on if there is no water in the tank.

### 1.3 Proper use

Every use of the device for a different purpose and/or in a way that diverges from the intended use is not allowed and is assumed as the use against the intended purpose.

Any claims against the manufacturer or their authorized representatives as a consequence of experiencing damage resulting from the use against the intended purpose are inadmissible.

The liability for damage occurred during the use of the device against its intended purpose is borne solely and exclusively by the user.

Safety operation of the device is guaranteed only when it is used for its intended purpose and according to the instructions included in this manual.

**The coffee machine is intended only for preparing brewed filter coffee beverages using ground coffee, filter and cold water.**

### 1.4 Use against the intended purpose

Any use other than those mentioned in point 1.3 “Proper use“ is assumed as the use against the intended purpose and is not allowed.

The use against the intended purpose may lead to severe injury or damage caused by hazardous voltage, fire or high temperature. It is allowed to use the device to perform only the work described in the instruction manual. Improper use may cause the device damage.

Any manipulation with the device, assembly or maintenance work may be performed exclusively by the authorized service staff.

## 2. General information

### 2.1 Liability and Warrantees

All the information and instructions in this manual take into account standard safety regulations, current levels of technical engineering as well as the expertise and experience we have developed over the years.

The instruction manual was translated with all due care and attention. However, we do not accept liability for any translation errors. The German version of this instruction manual is definitive.

If the delivery consists of a special model, the actual scope of delivery may differ from the descriptions and illustrations in this manual. This is also the case for special orders or when the device has been modified in line with new technology.



#### **CAUTION!**

**Read this manual carefully and thoroughly before any operation of the device, and especially before turning it on!**

Manufacturer **is not liable** for any damages or faults caused by:

- violation of advice concerning operation and cleaning;
- use other than designed;
- alterations made by user;
- use of inadequate spare parts.

We reserve the right to make technical changes for purposes of developing and improving the useful properties.

### 2.2 Copyright protection

The instruction manual including any texts, drawings, images or other illustrations is copyright. No part of this publication may be reproduced, transmitted or used in any form or by any means without permission in writing from the manufacturer. Any person who commits any unauthorized act in relation to this publication shall be liable to claims for damages. All rights reserved.



#### **NOTE!**

**The contents, texts, drawings, pictures and any other illustrations are copyright and subject to other protection rights. Any person unlawfully using this publication is liable to criminal prosecution.**

### 2.3 Declaration of conformity



The device complies with the current standards and directives of the EU. We certify this in the EC declaration of conformity. If required we will be glad to send you the according declaration of conformity.

### 3. Transport, packaging and storage

#### 3.1 Delivery check

Please check the delivery upon completeness and transport damage immediately after receipt. In case of visible damage do not accept or accept the delivery with reservation only.

Note the extent of damage on the carrier's bill of delivery. Trigger off the complaint.

Hidden damages should be reclaimed immediately after notice, as claims for damages can only be asserted within the effective period for complaints.

#### 3.2 Packaging

Please do not throw away the covering carton of your device as it might be useful for storage purposes, when moving or, in case of damages, when the device must be sent back to a repair center. The outer and inner packing material should be removed completely from the device before installation.



**If you liked to dispose the packing, consider the regulations applicable in your country. Supply re-usable packing materials to the recycling.**

Please inspect the device upon completeness. In case any part is missing please contact our customer service center immediately.

#### 3.3 Storage

Keep the package closed until installation and under consideration of the outside indicated positioning- and storage markings.

Packages should be stored under consideration of the following:

- do not store outdoors,
- keep it dry and dust-free,
- do not expose it to aggressive media,
- do not expose it to direct sunlight,
- avoid mechanical shocks and vibration,
- in case of longer storage (> 3 months) make sure you check the state of the packaging and the parts regularly, if required refresh or renew.




## 4. Technical data

### 4.1 Technical specification

Description	Coffee machine “Aurora 22“
Code-No.:	<b>190157</b>
Material:	Stainless steel
Colour:	Silver
Model:	<ul style="list-style-type: none"><li>▪ Basket filter</li><li>▪ Number of hobs: 1</li><li>▪ Thermo pump jug:<ul style="list-style-type: none"><li>- Number: 1</li><li>- Material: stainless steel</li><li>- Capacity: 1.9 litres</li></ul></li><li>▪ Brewing time: 8 minutes for 1.9 litres</li><li>▪ Maximum brewed amount: 0.5 litres</li><li>▪ Max. output: 12 cups</li><li>▪ ON/OFF switch</li><li>▪ Control: rocker switch</li><li>▪ Indicator light: On/Off</li><li>▪ Descale indicator light</li></ul>
Power supply:	1.9 kW / 230 V 50/60 Hz
Dimensions:	W 215 x D 405 x H 520 mm
Weight:	8.0 kg

We reserve the right to make technical changes!

## Additional accessories (not included in the packaging)

	<p><b>Basket filter paper 250/90-L</b> (1000 Filter papers per box)</p> <p><b>Basket filter paper 250/90-S</b> (250 Filter papers per box)</p>	<p><b>Code-No.: 190014</b></p> <p><b>Code-No.: 190015250</b></p>
	<p><b>Thermo pump jug 1,9L-ST</b> Capacity: 1.9 liters</p>	<p><b>Code-No.: 190117</b></p>
	<p><b>Fast descaler for coffee machines</b> (30 portions of 15 g/each)</p>	<p><b>Code-No.: 190065</b></p>

## 4.2 Overview of parts



### NOTE!

The cover flap contains the coffee machine most important parts. While reading the instructions this page should always be open and visible.

- 1 Cover flap for filling in cold water
- 2 ON/OFF switch with integrated power control light (red)
- 3 Heating indicator light (green)
- 4 Descale indicator light (orange)
- 5 Filter basket with insert
- 6 Water tank
- 7 Bottom plate
- 8 Thermo pump jug
- 9 **RESET** button
- 10 Power cable
- 11 Water drain screw

### Indicator lights



**Green** heating indicator light indicates that the coffee machine is brewing coffee. As long as the light is on, the coffee is flowing through the machine. When the brewing process is finished, a series of three beeps is heard and the green indicator light goes off.



**Orange descale indicator light** flashes only when it is necessary to descale the device. It is still possible to make several pots of coffee before descaling the coffee machine.

## 5. Installation and operation

### 5.1 Installation

#### Positioning

- Unpack the device and remove all packing material.



#### **CAUTION!**

**Never remove the rating plate and any warning signs from the device.**

- Place the device on top of an even, stable, dry, and water-resistant surface which supports the weight of the device and is not heat sensitive.
- **Never** place the device at the edge of a table to avoid accidents.
- **Never** place the device in humid or wet environment.
- **Never** place the device on the flammable surfaces.
- Place the device so that the plug is easily accessible and can be quickly removed from its socket in case of necessity.

#### Connection



#### **DANGER! Electric shock hazard!**

**The device can cause injuries due to improper installation! Before installation and connecting the local power grid specification should be compared with that of the device (see rating plate). Connect the device only in case of compliance!**

- The power supply circuit with the socket must be protected by the fuse of at least 16A. Connect the device directly to a single grounded socket. Do not use any power bar or multiple socket.



## 5.2 Operation

### Before the first use

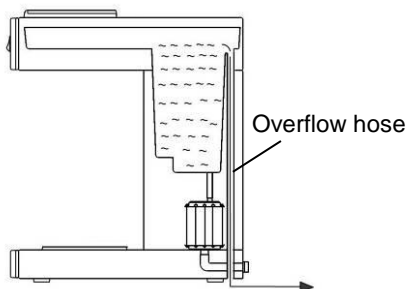


#### CAUTION!

**Never fill hot water into the water tank.**

**Do not fill water into the hot device. Wait until it has cooled down.**

- Before the first use of the coffee maker, run 2 or 3 cycles of water through the coffee machine **without** coffee, in order to properly rinse the device (“**Preparation of coffee**” steps 1 - 8).
- Due to the design of the device, after the first use, a small amount of water remains in the water container. Take this into consideration when refilling the tank with water.
- Always fill the water tank with an amount of water that fits into the supplied thermo pump jug.  
The amount of coffee brewed will be the same as the amount of water poured.
- If too much water is accidentally poured into the water tank, the excess water will drain out through the overflow hose.
- Before the use, the thermo pump jug and filter basket with insert should be thoroughly washed in warm water and a mild cleaning agent, then rinsed with clear water. Dry thoroughly after washing.



#### CAUTION!

**When cleaning, be aware of the removable insert at the bottom of the filter basket. After cleaning, replace the insert in the filter basket so that it is secured to the bottom of the filter and will not be accidentally thrown out while disposing of coffee grounds.**

**When brewing coffee without the insert, the paper filter can block the filter basket's drip flow opening and hinder the flow of coffee to the thermo pump jug.**



- Wipe the device's casing with a moist cloth and wipe dry with a soft cloth.
- Plug the device into a single grounded socket.
- The coffee machine is ready for use.

## Preparation of coffee


1. Fill the water tank with **cold fresh drinking water** in appropriate amount, **max. 2 litres**. The minimum amount necessary for brewing coffee is 0.5 litre.



### CAUTION

**Fill the water tank only with fresh drinking water. Never pour sugar, coffee, tea or milk into the opening for filling the coffee machine.**



2. Remove the filter basket with insert and place the proper paper basket filter from Bartscher (Code-No.: **190014** or **190015250**).
  3. Add a proper amount of ground coffee into paper basket filter. Use 35 to 50 g of coffee per one litre of water, in accordance with your preferences.
  4. Place the filter basket with insert in the guides and slide it all the way to the rear until it "clicks" into place.
- 
5. Open the cover of the thermo pump jug and remove the pump's tube. Open the thermo pump jug's cover to the side and place the open thermo jug on the bottom plate, in such a manner that the thermo pump jug opening is located below the drip opening of the filter basket.
  6. Turn the device using ON/OFF rocker switch. The red power indicator light in the ON/OFF rocker switch light comes on.
  7. **Green** heating indicator light comes on and the brewing process starts. After a short time, the hot coffee will start flowing into the thermo jug.
  8. When the brewing process is finished, the coffee machine automatically turns itself off and the orange heating indicator light goes off. The coffee is ready to be served.

9. Remove the thermo pump jug from the bottom plate. Replace the pump tube and close the pump lid until the buttons click into place.



10. To pour drinks from the thermo pump jug, pull the pump lid up until it clicks.



11. Next, press the pump lever to start the pump mechanism.  
Press the lever as many times as required to fill in the container (cup, glass) with the desired amount of beverage.



## 6. Cleaning and descaling



### WARNING!

**Before cleaning, switch the device off using the ON/OFF rocker switch and disconnect it from the power supply (pull the plug!).**

**The device is not suited for direct washing via water jets!  
Protect the device from water penetration.**

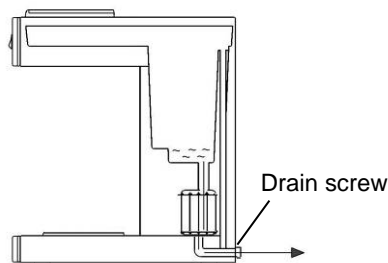
### Regular cleaning



### CAUTION!

**Always, prior to cleaning, moving or transport of the coffee machine, empty the water tank.**

- Due to the fact that trace amounts of water remain in the device's water tank, if the device is to be unused for a longer period of time it is necessary to shake out any remaining water with the help of the **water drain screw located at the rear of the device (at the bottom)**, and clean the device.



- During shorter interruptions in the coffee machine operation, it is sufficient to run the clean water through the machine without adding any coffee.
- If the device has not been used for a longer period of time, it is necessary to repeat steps 1 - 8 ("**Preparation of coffee**") without adding coffee.
- The thermo pump jug, pump's tube and filter basket with insert should be rinsed after every use.
- Use only soft cloth, **never** use abrasive cleaning agents which could scratch the surface of the device.
- After cleaning, use a soft, dry cloth to wipe down and dry the surface of the device.

## Regular descaling




### CAUTION!

**In order to prolong the life of the unit and maintain a high level of coffee quality, the coffee machine should regularly be cleaned of deposits!**

**Returns will not be accepted if the coffee machine has not been cleaned of deposits regularly - as written in the instructions for use.**

**Such complaints are not subject to repair under warranty!**

- During use of the coffee machine, depending on the hardness of the local water supply internal parts of the unit can become covered in calcium deposits. In order to maintain the unit in the best possible condition and ensure the best possible results from each brewing cycle it is necessary to clean the unit of deposits from time to time.
- The coffee machine is equipped with the **descale indicator light**  **(orange)** which activates after exceeding a certain level of limescale. When the **descale indicator light** comes on, the device needs to be descaled, otherwise the proper operation and quality of brewed coffee cannot be ensured.
- If it is not possible to clean the coffee machine immediately, it is still possible to brew several pots of coffee before descaling.
- For **removal of calcium deposits** we recommend „**Fast descaler for coffee machines**“ a formula tried and tested by us:

**(Code-No.: 190065; packaged in 30 portions of 15 g/each).**

- Dissolve the contents of **2 bags** in **1 - 2 litres** of water.
- Pour the solution containing the calcium deposit removal formula to the water tank of the coffee machine.
- Insert the filter basket by sliding it along the appropriate guides (without ground coffee).
- Place the empty thermo pump jug on the lower plate under the filter basket.
- Turn the device on using the ON/OFF rocker switch as for normal use.
- After several drops of the solution have poured into the thermo pump jug, turn the coffee machine off.
- Wait 5-6 minutes, for the remainder of the solution to dissolve the deposits, then turn the device on again.
- After the entire solution has flowed through the machine, turn the coffee machine off using the ON/OFF rocker switch and dispose of the solution.

- After removing deposits, repeat the brewing process 2 - 3 times using only water. Leave the device to cool down.
- In the end, drain the water remaining in the coffee machine with the use of the water drain screw located at the rear of the device (at the bottom).
- Rinse the thermo pump jug several times with warm water.
- The device is now ready to resume brewing coffee.
- Wash your hands thoroughly after descaling.



### **CAUTION!**

**During the calcium deposit removal process, you must not leave the coffee machine unattended. During the process, you should wear protective gloves and goggles!**

## **Cleaning the thermo jug**

- Clean the thermo pump jug after each use.
- **Never use** aggressive cleaning agents.
- **Never use** cleaning agents that may scratch the surface of the thermo pump jug.
- Use only a soft cloth for cleaning.
- **Never place** the thermo pump jug in a dishwasher.
- **Never place** the thermo pump jug in water.
- Open the pump lid of the thermo pump jug and remove the pump tube. Pour out the contents of the thermo pump jug.
- Clean the thermo pump jug, pump tube and pump lid with warm water and mild cleaning agent. Thoroughly rinse the cleaned parts with clean water.
- Wipe the outside of the thermo pump jug with a soft, moist cloth.
- Hard water may leave calcium deposits inside the thermo pump jug. Coffee usually colour the deposits and leave the brownish deposit. In order to remove the deposits use a cleaning agent available on the market. Observe the instructions of the manufacturer of such a cleaning agent. Finally, rinse the thermo pump jug several time with clean water.
- After cleaning, leave the thermo pump jug open to dry and store until further use.

## Storing the device

- If the device is not used for a longer time, clean the device according to the above mentioned instructions and store it in a dry, clean place protected against frost, sun and children. Do not place any heavy objects on the device.

## 7. Possible Malfunctions

In case of malfunction, disconnect the device from its power source. Before contacting the service or sales agent, verify - based on the table below - whether it is possible to eliminate disruption in operation.

PROBLEM	CAUSE	SOLUTION
<b>The device is switched on, but the red power indicator light in the ON/OFF rocker switch has not come on.</b>	<ul style="list-style-type: none"><li>• Incorrectly connected plug.</li><li>• The power supply fuse is blown.</li><li>• Defective indicator light</li><li>• Defective switch.</li></ul>	<ul style="list-style-type: none"><li>• Connect plug correctly.</li><li>• Check a fuse, connect device to another socket and check the device.</li><li>• Contact the vendor.</li><li>• Contact the vendor.</li></ul>
<b>The device is switched on, the green heating indicator light does not come on and hot water is not flowing.</b>	<ul style="list-style-type: none"><li>• Insufficient amount of brewed liquid.</li><li>• Defective filling switch</li></ul>	<ul style="list-style-type: none"><li>• Increase the amount of brewed liquid.</li><li>• Contact the vendor.</li></ul>
<b>The device turns off.</b>	<ul style="list-style-type: none"><li>• Overheating protection was triggered.</li><li>• Defective thermostat.</li></ul>	<ul style="list-style-type: none"><li>• Pull the plug and left the coffee machine to cool off, press the <b>Reset</b> button on the back of the machine.</li><li>• Contact the vendor.</li></ul>

PROBLEM	CAUSE	SOLUTION
<b>Orange descale indicator light flashes.</b>	<ul style="list-style-type: none"><li>• Limescale in the coffee machine exceeds the critical level.</li></ul>	<ul style="list-style-type: none"><li>• Descale the coffee machine (Section: <b>“Regular descaling”</b>)</li></ul>
<b>The device is switched on, the green heating indicator light comes on but the hot water is not flowing.</b>	<ul style="list-style-type: none"><li>• Defective heating element</li><li>• Defective thermostat.</li></ul>	<ul style="list-style-type: none"><li>• Contact the vendor.</li><li>• Contact the vendor.</li></ul>
<b>When switched on, a fuse is blown immediately.</b>	<ul style="list-style-type: none"><li>• Short-circuit</li></ul>	<ul style="list-style-type: none"><li>• Contact the vendor.</li></ul>

**If you cannot remove the malfunctions:**

- do not open the body,
- notify the customer service point or contact the sales agent, while providing the following information:
  - type of malfunction;
  - article number and serial number (rating plate at the rear of the device);
  - date of purchase.



## 8. Waste disposal

### Old devices



The electric devices are marked with this symbol. You must not dispose of electric devices with household waste. When the device may not be longer used each consumer is obliged to dispose of the device at the dedicated local collection point, separately from household waste.



### NOTE!

Electric devices should be used and disposed of properly to prevent the impact on the environment.

- Disconnect the device from the power supply and remove the power cord from the device.

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