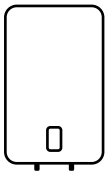
EWH 30 MXM WiFi EEC
EWH 50 MXM WiFi EEC
EWH 80 MXM WiFi EEC
EWH 100 MXM WiFi EEC



EE · Suletud akumulatsiooniga elektriboiler · Kasutusjuhend

Täitke oma elu mugavusega

Electrolux

CONTENT

ME MÕTLEME SINULE

Täname, et ostsite Electroluxi seadme. Olete valinud toote, mille taga on aastakümnete pikkune professionaalne kogemus ja uuendused. Ainulaadne ja stiilne, see loodi teie eest hoolitsedes. Seetõttu võite alati seda kasutades olla kindel, et tulemused on alati suurepärased.Tere tulemast Electroluxi! Meie veebisaidil saate:

Otsige tootesoovitusi, kasutusjuhendeid, hooldusteavet: www. home-comfort.com/support/

Määramine

Ettevaatust/oluline ohutusteave

Ühine teave ja soovitused

Garantiiteenust teostatakse vastavalt jaotises “Garantii” toodud tingimustele.

Märge:

Selle juhendi tekstis võivad elektriboileril olla sellised tehnilised nimetused nagu seade jne.

Safety rules

⚠

Warning!
Do not use portable outlets. Improper installation and operation of the electric water heater can cause accidents or property damage.

- The power outlet must be securely grounded. The rated current of the power outlet must be at least 10 A. Keep the socket and plug dry at all times to prevent a short circuit in the electrical system.
- The wall on which the water heater is installed must be rated for twice the total weight of the water heater filled with water.
- A safety check valve should be installed at the cold water inlet (see Fig. 1).

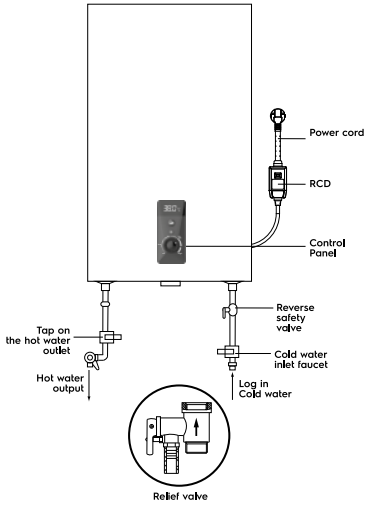


Fig. 1

- When using the water heater for the first time (or when using it for the first time after maintenance or cleaning), do not power up the water heater until it is full. The hot water tap should be opened while filling the water heater tank. While filling the tank of the water heater, open the hot water tap to bleed air. As soon as the tank is filled with water and water flows from the tap, the tap can be closed.
- During water heating, water may come out of the pressure relief vent of the safety relief valve. This is normal. However, in the event of large leaks, contact a service technician. The pressure outlet must never be blocked under any circumstances;Otherwise it may cause the water heater to malfunction.
- The pressure vent on the pressure relief valve (item 3 in Fig. 5) Install a drain tube and lead it to the sewer in case water is drained and excessive pressure is relieved*. The drain tube connected to the pressure outlet must point downward.
- The water temperature inside the water heater can reach up to 75 °C. To avoid scalding, you can adjust the water temperature using the mixer tap.

Water Drain:
The water heater must be completely drained if it will not be used for a long time or if the temperature in the room where it is installed may drop below 0 °C. Drain can be carried out with the safety valve and there may be leakage under the valve stem.
A tee can be provided for the drain with a valve between the valve and the sleeve (item 1, fig. 5).
Before draining the water heater, don't forget:

- Disconnect the power supply from the device.
- Make sure that the water inside the tank is at a safe temperature.
- Close the cold water supply to the tank by closing the stop valve.
- Shut off the hot and cold water supply water to the apartment.
- Open the hot water supply to the mixer to relieve the pressure inside the tank.
- Open the shutoff valve on the tee fitting on the hot water outlet of the water heater (if a tee fitting has been installed),Otherwise, dismantle the connection pipe at the water heater outlet.
- Connect the drain hose (item 3 in Fig. 5) to the shutoff valve.
- At the tee on the cold water inlet to the water heater and direct it into the sewer, or into the place where the water drains.
- Open the stopcock and wait for the water to drain completely.

* The water expands when heated, which increases the pressure in the water heater. Always use a safety valve to prevent damage to the water heater.

⚠

Warning!
The installation of the supplied safety valve is a mandatory requirement. Do not install any shut-off valve between the safety valve and the and the tank inlet, as well as blocking the discharge port of the safety valve.

- Do not leave a water heater filled with water without power and heating water in a room where the temperature may be below 0 °C.
- In case of long absences, repair, technological and preventive work on the water supply line, it is necessary to close individual stop valves on the cold water supply line to the water heater and on the hot water outlet line, as well as to turn off the water heater and disconnect from the power supply by pulling the plug from the socket.
- If any part of the water heater is damaged, contact a service technician for repair. Use only replacement parts supplied by the manufacturer.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of life experience or knowledge, unless they are supervised or instructed. Children should be supervised to ensure that they do not play with the appliance.

Destination

The electric storage water heater is designed for heating cold tap water. It is used exclusively
The water from the water heater is not intended for drinking or cooking.
Installation and initial start-up of the heater must be carried out by a qualified technician, who can be held responsible for the correct installation and give recommendations on the use of the heater.
Wiring must comply with current standards and regulations.
Before installing the water heater, make sure the grounding electrode of the outlet is properly grounded. If the grounding electrode is missing. The water heater must be grounded by a separate grounding conductor to the ground terminal on the heater element flange fastener in the outlet. Do not install or operate the product if grounding is not available.

Complete set

The electric storage water heater is complete with the basic elements for installation and connection. The water heater set includes:
- water heater with power cord — 1 pc;
- safety valve — 1 pc;
- RCD with instructions for use — 1 pc;
- fixing anchors for mounting.For 30L, 50L — 2 pcs; for 80L, 100L — 4 pcs;
- user manual — 1 pc;
- warranty card (in the manual) — 1 pc.

Device arrangement

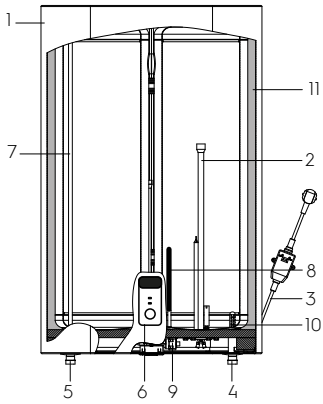


Fig. 2

1. Hull
2. Dry heating element housing
3. Power cord with RCD
4. Cold water inlet
5. Hot water output
6. Control Panel
7. Hot water supply pipe
8. Magnesium anode
9. Safety thermostat
10. Cold water intake pipe into the tank (with diffuser)
11. Thermal insulation

Automatic water temperature control:
When you open the hot water tap on the mixer tap at the water heater outlet, cold water starts flowing in. The water in the tank mixes and its temperature decreases. The thermostat sensor reacts to the falling water temperature and the heating element (heating element) switches on automatically and heats the water up to the set temperature. When the

temperature reaches the set point, the heating element is automatically switched off.

Levels of water heater protection:
- protection against overheating;
- protection against excessive hydraulic pressure.
- RCD (Ground Fault Interrupter).

The steel inner tanks with a special protective coating are made using the advanced electrostatic dry enameling method. Enamel properties:
- increased adhesive ability and high ductility (hardened at 850°C);
- expands or contracts with temperature changes in the same proportion as the walls of the inner tank, without creating micro-cracks that could lead to corrosion.

As additional protection against corrosion of the internal tank, the water heater is equipped with a magnesium anode. The dry heating element (PHE) is placed in protective metal covers, which exclude direct contact of the heating elements with water, respectively, no scaling is formed on the heating elements, which increases their service life and prolongs their service life.

Control Panel

Fig. 3.

1. Display
2. Button — the microswitch controls the power stages —pressing alternately turns on the modes: H1 (700 W), H2 (1300 W), H3 (2000W), «nF». The screen displays the power mode and the current temperature or the "nF" mode 1 55 or 2 56 or 3 56. Five seconds after the selection, the screen will work normally
   The symbols Sc on the display indicate that the «BST - Bacteria Stop Technology» mode (professional antibacterial water purification system) is enabled. In this mode, the water in the device is heated to a temperature of 70 ° C and held at this level for 20 minutes. The mode allows you to stop the reproduction of bacteria, for example legionella, multiplying in water when the device is not used for a long time.
3. Button In order to view the current time, you need to briefly press button 3 once, the current time will be displayed on the screen permanently. In order for the heating mode and temperature to be displayed on the screen, it is necessary to briefly press button 3 once or change the power mode or target temperature.
4. Temperature knob
   off — the mark corresponds to the minimum water temperature in the water heater (heating off), there is a characteristic click.
   low — the mark corresponds to the minimum water heating temperature in the water heater (heating on).
   eco — the eco-mode mark corresponds to the water heating temperature in the water heater about 50-55 °C.
   high — the mark on the right corresponds to the maximum heating water temperature in the water heater (75 °C).

Regardless of the selected power mode, you can use the adjustment knob to select the temperature to which you want to heat the water.

Setting the current time:
It is set automatically when connected to the application. If there is a connection, there is a regular check and, if necessary, time adjustment. Optionally, the water heater has an independent clock and a backup battery, which allows you to restore work on schedule in case of power failures up to 72 hours. In order to view the current time, you need to briefly press the button 3 once. If the time is set, the current time will be displayed on the screen. If the time is not set, then a running line will be displayed on the display «not set - connect to APP»

Setting the "Antifreeze" mode
This mode is always active when there is power, regardless of the position of the potentiometer. When the No Frost mode is activated, the display shows the inscription nF. Logic of operation: if the current temperature of the water in the tank drops to +4 ° C, power mode II is activated, and the water will be heated to +7 °C. When the water in the tank reaches +7 °C, the heating elements will be turned off.

Setting the «BST - Bacteria Stop Technology» mode (professional antibacterial water purification system)

To turn on the BST mode, press the button 2 for 3 seconds. This function works in parallel with power modes I-III. When the BST function is turned on, the "c" symbol will be displayed on the screen after the heating mode indicator. At the moment of switching on, the screen will display for three seconds Sc:on

Note:

The first activation of the mode will be 72 hours after the activation of this function, then once every 168 hours. Provided that during the specified period of time the current temperature of the water in the tank did not rise above 70 degrees. When the input function is activated, the device will heat up to 70 degrees and will be kept at this level for 20 minutes. At this time, the screen flashes and the user cannot control the water heater. He can only turn it off.

To turn off this function, press the button 2 for 3 seconds. After the function turns off, the symbol "c" in front of the heating stage indicator will no longer be displayed. At the moment of deactivation, the screen will display for three seconds Sc:off.

Control of the device using a mobile app

The device can be controlled by the ClimatOn app provided by CladSwiss AG. Supported app is not provided by Electrolux. Please read more about the ClimatOn app on www.climaton.app.

For the device to work correctly on a Wi-Fi network, you should use a ClimatOn plug-in module, unless a device is supplied with a built-in control module. See the "User's manual" to find out if your device has a pre-installed control module.

ATTENTION! For the initial Wi-Fi connection setup, the mobile device must be on the same Wi-Fi network to which the device is planned to be configured.

Initial setup of the Wi-Fi connection

The connection process depends on the features of the operating system and the selected mobile application. To connect the device to a mobile application.

Install the mobile application on your smartphone by scanning the QR code.

Register in the application.

Click on ⊕ ""Add device" in the upper right corner of the main page of the application.

Click "Show all devices", find the water heater and click on it.

Follow the step-by-step instructions in the app.

To turn on the "Pairing" mode in the water heater, press buttons 2 and 3 simultaneously for 3 seconds. On the screen, the inscription Conn will blink as a running line. If the connection is successful, the Idle label will appear for 5 seconds, if it fails, the FAIL label will flash for 5 seconds. The water heater is ready to be connected to the application.

Continue to follow the instructions in the application.

Attention!

After a while, the device exits the "Pairing" mode. If you have not managed to connect during this time, you need to start the "Pairing" mode again.

After successfully establishing a connection to the network, the Wi-Fi indicator will be constantly lit.

If the device was previously connected to other users' mobile devices, and you do not want them to control your device further, reset the settings – enter the menu, select Reset Settings, click OK.

Resetting Wi-Fi settings

To reset the network settings, simultaneously press the Mode (2) and Time (3) buttons for 10 seconds.

Water heater installation

Make sure that the electric water heater is installed using original parts provided by the manufacturer, which can support the weight of the water heater filled with water. Do not mount the water heater on the bracket until do not make sure that the attachment is securely fastened. Otherwise, the electric water heater could fall

The following table describes the labels in this manual and the corresponding labels in this manual.

When selecting locations for mounting bolt holes, make sure that both sides of the bathroom walls or other room up to the water heater body there is a clearance of at least 0.2 m and at least 0.5 m on the pipe connection side to facilitate access for maintenance when necessary.
If the water heater is supplied directly from wells, wells or water towers, a coarse filter for the cold water entering the water heater must be used to operate the water heater. The coarse filter can be purchased from specialty stores. If the coarse filter is not installed, the product warranty is not valid.
The electric water heater must be installed on a solid vertical surface (wall). The installation of MXM WiFi EEC series water heaters is greatly facilitated by the possibility to install them both vertically and horizontally anywhere in your home, in a heated (!) room. It is advisable to install the heater as close as possible to where the hot water is used, because the shorter the length of the pipes, the less heat is lost. As shown in Fig. 5. When installing the heater close to a wall, leave the recommended clearance for maintenance. Do not install the heater on a horizontal surface and up against the floor. After selecting the mounting location, locate the two fastening bolts with hooks (depending on the specifications of the selected product). Make two holes in the wall to the required depth corresponding to the size of the mounting bolts, insert the screws, rotate the hook upwards, tighten the nuts firmly and then install the electric water heater on it (see Fig. 4). If the bathroom is too small to accommodate the water heater, it can be installed in any other room, protected from direct sunlight and rain.

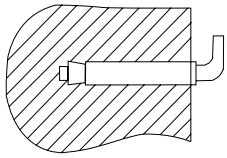


Fig. 4. Mounting anchor for mounting.

Connecting to the water supply

To connect the water heater to the water mains use pipes with a diameter of G1/2.

⚠

Warning!
It is not recommended to use any additional materials for the installation of the flexible hose and the safety valve that are not included in the water heater. The coupling nut of the flexible hose has a rubber gasket that ensures a tight connection between the hose and the safety valve. When tightening, avoid sudden jerking forces and limit the tightening torque to 25-30 N*m.

Install complete rubber gaskets on the ends of the threaded connections to prevent leaks when connecting the piping.
If you want to implement a water supply system for several water points, use the connection method (see Fig. 5).

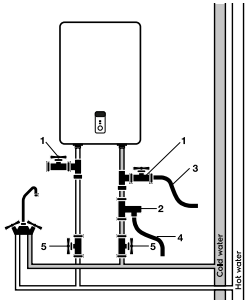


Fig. 5

1. Tees
2. Relief valve
3. Drain tube
4. Drain hose
5. Valves

⚠

Warning!
If the appliance is installed horizontally, the water supply pipes must be on the left, placement of the supply pipes on the right is not allowed!

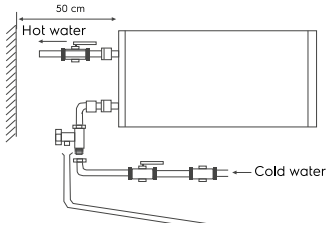


Fig. 6

Connecting to the power grid

All storage water heaters of the MXM WiFi EEC series are designed to connect to an electrical network with a single-phase voltage of 230 V. Before connecting, make sure that the power supply at the place of connection complies with the specifications on the rating plate of the appliance. Observe the applicable electrical safety regulations when installing the heater. When installing the water heater in the bathroom or toilet, take into account the restrictions related to the existence of prohibited and protective volumes (spaces).
Prohibited volume is the space limited by the tangential and vertical planes in relation to the outer edges of the bathtub, toilet or shower unit and the plane above them, or above the floor if the plumbing is mounted on the floor, at a height of 2.25 m.
A protective volume is a space whose enclosing horizontal planes coincide with the planes of the forbidden volume, and whose vertical planes are 1 meter from the corresponding planes of the forbidden volume.
Calculated data for copper
Selection of cable (wire) cross-section by power and length in copper, U = 230 V, one phase.

R, kW	1	2	3	3,5	4	6	8
I, A	4,5	9,1	13,6	15,9	18,2	27,3	36,4
Cross-section of current-carrying core, mm²	1	1	1,5	2,5	2,5	4	6
Maximum permissible cable length at specified cross-section, m	34,6	17,3	17,3	24,7	21,6	23	27

Operation

Filling with water
In order to fill the tank completely with water, it is necessary:
- open the hot water tap on the faucet;
- open the water supply valve to the water heater;
- wait for the water to come out of the faucet;
- close the hot water tap on the faucet and make sure there are no leaks.

If water flows from the hot water tap — the tank is full of water. Only then can the tank be connected to the power grid.
In the case of uncertainty as to whether there is water in the water heater, do not connect it to the mains.

Connecting to the power grid

⚠

Watch out!
Connect to the mains only after filling with water (the opposite may cause burning of the heating element and damage to the device).

Plug the water heater into an outlet, then the on the panel lights. This indicates that the water heater is switched on and is supplied with power. Set the desired water heating level from low to high using the heating temperature control. Heating water is switched off automatically when the set temperature is reached and is switched on to reheat automatically. When the water temperature reaches the set temperature, the heating will stop.

Installation dimensions and dimensions

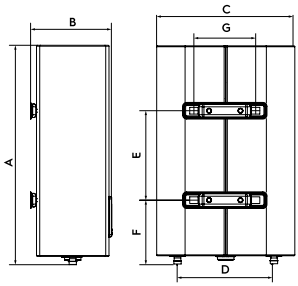


Fig. 7

Options/ Model	EWH 30 MXM WiFi EEC	EWH 50 MXM WiFi EEC	EWH 80 MXM WiFi EEC	EWH 100 MXM WiFi EEC
A, mm	635	970	920	1135
B, mm	260	260	350	350
C, mm	435	435	555	555
D, mm	360	360	430	430
E, mm	280	550	430	600
F, mm	201	201	267	267
G, mm	197	197	197	197

RCD (Ground Fault Interrupter)

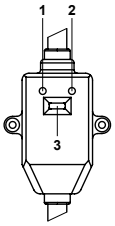


Fig. 8

- 100% prevention of electric shock.
- Follow the installation instructions when connecting the electric water heater household battery heater.
- The Power indicator (1) will light up if the RCD is not activated.
- Press the TEST button (2) to test the RCD. Power indicator (1) will be disabled.
- Press button (3) to reset the RCD.

Specifications

Options/Model	EWH 30 MXM WiFi EEC	EWH 50 MXM WiFi EEC	EWH 80 MXM WiFi EEC	EWH 100 MXM WiFi EEC
Nominal (usable) volume, l	25	41	65	80
Rated power, W	2000 (700+1300)			
Nominal voltage, V~Hz	230~50			
Rated current, A	8.7			
Minimum water pressure, bar	80 000 (0,8)			
Maximum water pressure, bar*	600 000 (6)			
Maximum water temperature, °C	75			
Heating time from 10 to 75 °C**, min.	57	93	148	182
Protection against electric shock	I			
Moisture protection	IPX4			
Energy efficiency class***	B	C	C	C
Device dimensions (W×H×D), mm	435×635×260	435×970×260	555×920×350	555×1135×350
Package dimensions (W×H×D), mm	680×485×280	1010×485×280	970×605×362	1185×605×362
Net weight, kg	16.0	23.0	28.5	34.0
Gross weight, kg	17.9	25.2	31.4	37.0

* At the maximum pressure, the excess pressure is released through the pressure relief valve. If the water mains pressure exceeds 6 bar (nominal working pressure), a pressure reducing valve must be installed.
** Heating times are given at full heating power and are based on ideal ambient conditions.
*** Energy efficiency calculated for vertical installation.
The manufacturer reserves the right to make changes.

Troubleshooting

Refusals	Reasons	Fixing
Heating indicator off	The protection of the RCD worked.	Test the RCD by clicking the "test" button. If the RCD has passed the test, press the restart button (3). If the test fails, contact the maintenance specialists to carry out repairs (see Fig. 8).
No water coming out of the hot water tap	1. The water supply is cut off. 2. The water pressure is too low. 3. The water-wire inlet valve is blocked.	1. Wait for the water supply to resume. 2. Use the water heater when the water pressure increases again. 3. Open the water inlet tap.
The temperature of the supplied hot water exceeds the permissible level of 75°C	Failure of the temperature control system. The heating does not turn off.	1. It is necessary to immediately turn off the water heater from the mains. 2. Contact maintenance specialists to carry out repairs.
The display shows error E1 (for a device with a display) or the red indicator blinks (for a device without a display), heating is not going on	Heating not turned on The thermostat is damaged. The heating element is damaged. Faulty electronic board.	1. Check whether the plug is firmly inserted into the outlet. 2. Increase the heating temperature. 3. Contact a service technician

Care and maintenance

Warning!
Always disconnect the water heater from the power supply before servicing.
The heater does not require additional maintenance. It is necessary to wipe the body from time to time with a soft cloth or a damp sponge in order not to damage the heater body. Do not use harsh chemicals.

To ensure a long service life and to maintain the valid warranty for the internal water-containing tank, maintenance should be performed by qualified specialists no later than in a year after the start of operation, which should include a mandatory check for the presence of scale on the heating element and the inner cavity of the water-containing tank, and also the state of the magnesium anode. In case of severe wear, the magnesium anode should be replaced. The warranty for the water tank and the heating element in case of a worn anode (residual volume less than 30% of the original) is invalid.
Based on the results of the inspection of the water heater during the first maintenance, the frequency of regular maintenance should be scheduled to be adhered throughout the entire period of the heater operation.
Heating element (PHE)
The dry heating element (PHE) is designed to heat water in the inner tank by converting electrical energy into heat. The formation of limescale (scale) on its surface can lead to poor heat transfer, overheating and premature failure of the heating element. Regularly inspect and, if necessary, descale its surface with a descaling agent. The heating element warranty is void if one or more of the following conditions are met:

- the hardness of the water exceeds 25 °F,
- the thickness of the scale layer on the surface of the heating element is more than 5 mm.

Watch out!
Scale build-up on the heating element and sludge in the internal tank can lead to water heater failure and is grounds for refusal of warranty service. Regular maintenance is a preventive measure and is not covered by the warranty.
The pressure relief device should be checked for operation at regular intervals to remove lime deposits. It is not allowed to install switches, outlets, and sockets in the forbidden space and lighting fixtures. Circuit breakers are not permitted in the safety space, but grounded sockets may be installed.
The water heater should be installed outside the prohibited volume so that it is not exposed to jets of water. A properly rated circuit breaker should be installed to ensure safe operation of the water heater. For daily use, it is advisable to keep the water heater plugged in, as the thermostat only turns the heat on when it is required to maintain the set temperature. Have your water heater serviced regularly by an authorized service center.

Never remove the water heater cover without first disconnecting it from the power supply.

Transport and storage

Water heaters in the manufacturer's packaging can be transported by all types of covered transport in compliance with the rules for the transportation of goods applicable for this type of transport. Transportation conditions are at temperature from minus 50 to plus 50 °C and at relative humidity of up to 80% at plus 25 °C.
During transportation, any possible impact and movement of packaged water heaters inside the vehicle should be excluded. Transportation and stacking should be done in accordance with the handling signs indicated on the packaging. Water heaters have to be stored in the manufacturer's packaging under storage conditions from +1 °C to +40 °C and relative humidity up to 80% at 25 °C).

Recycling


The time-expired appliance can't be disposed with household waste (2012/19/EU).

Warranty

Warranty service is performed according to the terms specified in the "Warranty" section.

Warranty:

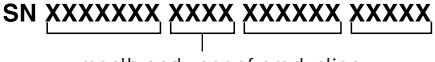
- Warranty period for the item is two years from the purchase date. If any defects occur due to defects in materials and/or workmanship during this two-year warranty period, the item should be repaired or replaced.
- Free maintenance or replacement is possible only in case if convincing evidence is provided, for example a stub, which confirms that the day when the service is requested, is within the warranty period.
- The warranty does not cover products and/or parts of the product that are subjects to deterioration, may be considered as expendable supplies or which are made of glass.
- The warranty is void if the defect is caused by damage ensuing by misuse, poor maintenance (for example, a failure occurred due to ingress of foreign objects or liquids) or if changes or repairs were performed by persons not authorized by the Manufacturer.
- For the correct use of the product, the user must strictly follow all included in the manual instructions, and also must avoid any action or manipulation described as unwanted or indicated so in this manual.
- These warranty restrictions do not affect your statutory rights.

Support:

The support during and after the warranty period is available in all countries where the product is officially distributed. Please contact your dealer for help.

Date of manufacture

The date of manufacture is indicated on a sticker on the body of the appliance, and also encrypted in Code-128. The date of manufacture is determined as follows:



month and year of production

Do not remove and keep safe the serial number on the device's body. If the serial number sticker is lost or damaged, it will not be possible to restore the production date if necessary.

Importer:

Manufacturer: CladSwiss AG,
Bahnhofstrasse 27, 6300 Zug, Switzerland.
E-mail: info@cladswiss.com

Made in PRC.

The manufacturer reserves the right to modify the design and characteristics of the device.

This manual may contain technical and typing errors. Changes to technical characteristics and assortment are subject to change without notice.

Mistakes and typing errors may be permitted in texts and numeric notations.
Product design and technical data may vary from the one pictured on the packaging.
Please refer to a sales consultant for more detailed information.

www.home-comfort.com

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