



**OPERATION
MAINTENANCE**

Hiilet®



SUSTAINABILITY

Congratulations, you have made an excellent and responsible choice. The Hiilet® incinerating toilet is a durable, long-lasting, and carefree companion. In this user manual, you will find information about the use and maintenance of the toilet. Please carefully review these instructions to ensure the safe and uninterrupted operation of the toilet.

Responsibility is a guiding value for us at Hiilet Oy. Sustainability, recyclability, and environmental friendliness guide our choices everyday. We are constantly working to develop a more resource-efficient and user-safe incinerating toilet. We are proud that Hiilet Luxury is and will continue to be the most energy-efficient and environmentally friendly solution on the market.

We are constantly striving to improve our operations and product. We pay close attention to transportation logistics and its efficient implementation. Energy efficiency, sustainability, longevity, and material efficiency are the main values in our design.



**Read more
on our
website.**





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General

The Hiilet® Luxury incinerating toilet is the most efficient and user-friendly toilet on the market. The product is developed and manufactured in Finland, earning it the "Avainlippu" (Key Flag) recognition. The Hiilet® Luxury incinerating toilet is used like a regular flush toilet, eliminating the need for inconvenient waste bags. Use it, and the toilet automatically takes care of everything else.

The unique operating method of the toilet ensures users a seamless and cost-effective way to manage toilet waste. Due to the separation of liquids, energy is not consumed for liquid evaporation, only for the disposal of solid waste. The Hiilet® Luxury incinerating toilet requires 230 V power during start-up and incineration process. During other times, the toilet operates on a 12 V voltage and can be used for approximately eight hours during a power outage. The toilet's fan is always running, ensuring that odors are kept a way.

The operation of the Hiilet® incinerating toilet is controlled from its touch screen, which is situated on the lid. The screen has dedicated views for all functions, including standby mode, setting the incinerating time, setting the clock, setting the date, incineration in progress, and error messages. Other screen functions include closing the lid (flushing the toilet) and manually starting the incineration process. During the incineration process, the screen indicates how long it will take until the toilet will be available for use. In case of malfunctions, the screen displays an error code (you can find the error codes and their definitions on page 11).

The unique operating method of the Hiilet® Luxury incinerating toilet allows for uninterrupted use, with incineration at the most convenient times for users. The toilet cannot be used during the incineration process, so it is recommended to schedule the incineration to a time when there is no need for use. The toilet automatically determines the duration of the incineration process based on usage. The ashes are emptied by lifting the cover and locking it in the upper position. Afterward, the ash tray is released from the locking lever and pulled out for emptying. The toilet should always be installed according to the installation instructions, and the exhaust air must be directed outside. The product is heavy, and moving and lifting it should always be done safely. The Hiilet® Luxury incinerating toilet should not be dropped.

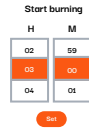
Intended Use of the Hiilet® Luxury

Hiilet Luxury needs to be assembled to dry space inside covers. It is not allowed to modify product or attach any accessories that are not designed by Hiilet®. Hiilet® Luxury is designed to operate at temperatures of +30°C to +5°C or 86°F – 41°F and altitudes below 1500m/4900ft (above sea level).



Home

This is the home screen. By swiping the smart screen display (left or right), you can change the view and make changes to the settings.



Start burning

From this view, you can schedule the incineration for later. You can select the time for the incineration to start by setting the 'H' (hour) and 'M' (minute). After defining the time, press 'Set' to confirm the changes.



Set time

From this view, you can set the time for the toilet. By swiping the 'H' (hour), 'M' (minute), and 'S' (second) options, you can change the time. Finally, press 'Set' to confirm the changes.



Set date

By swiping the 'D' (day), 'M' (month), and 'Y' (year) options, you can edit the date. Once you have selected the date, press 'Set' to confirm the changes.



Temperature

This view shows you the temperature of the ash tray.



Manual start

Start the incineration program manually by pressing the Hiilet® logo. Keep it pressed until the incineration program has loaded. When the logo on the screen starts flashing, swipe the logo to the left. This will start the incineration program.



incineration in progress

The incineration program is active when the display turns orange.

Notices

The system requires a 230 V power supply for self-diagnosis during start-up. The toilet's functions do not activate if it hasn't received a 230 V start-up power.

The toilet is not available for use during incineration or the cooling phase. We recommend scheduling the incineration program for nighttime (for example 3:00 A.M.). The toilet clock must be set correctly to ensure that the incineration program will start at the desired time. The toilet automatically determines the duration of the incineration process based on usage.

The toilet usage counter resets automatically after each incineration.

The fan is on when the cover and ash tray holder with ash tray are in place and there is power in the toilet. The fan runs at a low power level between incinerations, maintaining continuous negative pressure in the toilet. The fan stops when the cover is lifted to the emptying position or removed.

The exhaust air temperature in the duct does not rise above 50 degrees Celsius.

If the toilet remains unused for more than five days, both power supplies must be cut off from the toilet's electrical outlet, and the power plug must be disconnected.

The toilet can be used during a power outage, but incineration starts only when the power supply is restored. The battery charges automatically when the device is connected to a 230 V power grid or when the power supply is restored.

Do not pour flammable liquids, combustible substances, sanitary pads, or similar hygiene products into the toilet. Only human waste should be disposed of in the toilet and all other use is prohibited.

Children under 6 years should not use the toilet without parental supervision and guidance. Children should not play with the toilet.

Always ensure that the cover is locked in the upper position when removing and placing the ash tray during ash emptying.

Carefully place the ash tray back in position and lock it with the lever.

The incineration process does not start if the cover, hatch, or ash tray are not in place, or if there is a fault in the temperature sensors. The screen displays an error code in case an attempt is made to start incineration.

Always switch off the power switches to the '0' position and disconnect the toilet from the power supply when performing maintenance or leaving the toilet in long-term storage.

The data cable must always be disconnected from the lid when the cover is lifted. When the cover is placed back in position, the data cable must be connected. The toilet does not start if the data cable is not connected.

The touch screen on the lid is not resistant to impacts, and caution should be exercised when handling it.

Soft rings or other fixed seat protectors should not be installed on the rim of the cover, as they may interfere with user identification.

The incinerating toilet must be installed according to the instructions. The warranty does not cover damages resulting from incorrect or incomplete installation or usage.

The installation location should be dry and at least 120 cm away from a water source (shower or washing area).

The internal parts of the incinerating toilet's frame are hot during incineration. Do not remove the cover during incineration or immediately afterward.

Over time, the high temperature of the incineration process changes the shape of heat-exposed steel structures, eventually leading to the need to replace them with new parts.

The product's battery allows the toilet to be used during power outages. When the power supply is interrupted, all other toilet's functions work normally for about 8 hours, but the incineration function can only be started after the power supply is restored. However, using the toilet should be avoided during a power outage to prevent the waste container from filling too much.

The advanced heat recovery ventilation system of the Hiilet® Luxury toilet reduces the cooling or degradation of inside cover air caused by ventilation. If the product is installed so that combustion air is taken from a room, the increased heating energy consumption and abundant supply air need to be considered. Low air intake or restricted air extraction prevents the operation of the incineration process.

The surrounding conditions significantly affect the success and duration of the incineration process. Strong low pressure and strong winds affect the toilet's ventilation and can slow down the incineration process.

Cold air cools the combustion chamber and toilet waste, increasing incineration times as heating needs increase.

Using an excessive amount of toilet paper may degrade the incineration result. Paper forms insulating layers in toilet waste that can affect the incineration process negatively.

We recommend using the Hiilet exhaust pipe kit on an exterior wall to ensure optimal ventilation. The Hiilet exhaust pipe kit can be purchased from our authorized dealers.

Structure

The structure of the Hiilet® Luxury toilet includes a frame, cover, lid, insulated ash tray holder, and ash tray. These parts can be detached from each other and are also available as spare parts. The frame (inner part) of the Hiilet® Luxury toilet is made of stainless and acid-resistant steel. All parts related to incineration are insulated with high-temperature-resistant insulation. The cover is made of composite material, the lid is made of ABS plastic, and both have a support structure made of stainless steel. The ash tray and its insulated holder are made of acid-resistant steel. The ash tray holder is insulated with high-temperature-resistant insulation.

The product operates on 230 V / 10A mains power, and to ensure the functions, the device has a 12 V battery backup. There are battery backups for the clock and calendar, and these settings are retained even if the power to the toilet is cut off. The toilet's control electronics are located in the lid. The control is connected to the toilet's electrical panel with a data cable. Each toilet function has its own view. The toilet has a built-in fan that maintains continuous negative pressure inside the seat and ensures toilet ventilation and ventilation during incineration. The Hiilet® Luxury toilet has advanced heat recovery in ventilation.

All electronic components of the toilet are RoHS certified and tested, and they are of top quality. Three separate temperature sensors ensure safe operation. The product is CE marked and complies with EU requirements. Each seat is tested as part of the production process.

Separately collected liquids can be directed into the ground, absorption field, collected in a separate collection container, or directed to a greywater system. With efficient incineration and liquid separation, the Hiilet® Luxury toilet is durable, energy efficient, and cost effective.

Technical information

Seat height	450mm
Total height	500mm
Width	375mm
Depth	645mm
Weight	39kg
cover material	Nanocoated composite
Frame material	Stainless steel
Ventilation	Inlet air pipe Ø 160mm, inner pipe (exhaust) Ø 100mm
Voltage	220-240 VAC
Resistance power	2000 W, 10A
Interface	Grounded plug, cable 1.3m
Battery	12 V/7 Ah lead gel, 151 mm * 65 mm * 100 mm, cable fastener 4.8 mm plate connector
Fan	12 V DC, noise: approx. 49 dB
Capacity	6-10 usage times/incineration (solid waste)
Energy consumption	Per incineration cycle 1.0-2.2 kWh, consumption per operation 0.2-0.3 kWh

Assembly

The toilet frame and ventilation should be installed according to the installation manual. Once the frame is in place, you can proceed to the setup. Carefully place the cover onto the frame by lifting it from the sides so that the rail structure of the cover aligns with the frame's rail structure. Lower the cover smoothly into the upper position and lock it into place. The cover locks into place when it is lowered by slightly leaning it forward.

When the cover is in the locked position, connect the lid's data cable. Route the data cable from under the air channels to the back of the lid, connect it to the connector, and twist to lock. The data cable fits into the connector in one position (the wire goes toward the main power switches). With the cover in the upper position, ensure that the ash tray is in place and locked. Then, connect the power cord to the socket and turn on the power from the main switches (230 V red and 12 V black). The system performs a self-diagnostics test when the main power is switched on, ensuring that critical functionalities work properly, and the toilet is safe to use. If the display does not turn on, check that the data cable is connected and locked.

Once the power is connected, lower the cover to the lower position by lifting it slightly upward from the sides (15 mm) and turning the upper part of the cover slightly backward. After that, the cover can be lowered into the lower position. Lower the cover gently into place. The fan starts automatically when the cover is lowered into position. If the fan does not start, check that the cover and ash tray are in place. If the protective cover is unlocked, the locking handle's end is visible under the cover, and the cover does not go into the lower position.

When the cover is lowered into its correct position, and the power is on, set the desired incineration time, as well as the date and time. The date and time, as well as the incineration time, have a battery backup, so this information is stored even when the power is cut off.

Quick Guide

- Install the product according to the installation instructions, which can be found at www.hiilet.com/hiilet-luxury.
- Place the cover in the upper position by lifting it from the sides and connect the lid's data cable. The data cable should run below the air duct.
- Plug the toilet's power cord into the socket and turn on both powers from the main switches.
- Ensure that the ash tray holder and the ash tray are in place and locked into position with the lifting handle. Lower the cover gently into the lower position.
- Set the date and time, as well as the desired incineration time from the "Start burning" screen.
- The toilet is ready for use.

Use

The Hiilet® Luxury toilet is used like a traditional toilet. Users don't need to worry about the toilet's functions, since the toilet's automation takes care of everything. The smart screen display has dedicated views for all functions, including standby mode, start burning, setting time, setting date, burning in progress, and error messages.

The toilet should only be used while seated. When a user sits down, the toilet automatically recognizes the user and promptly opens the combustion chamber slide cover. After use, the slide cover automatically closes after 30 seconds. Alternatively, the slide cover can be closed by tapping the logo on the screen (<1s).

Users can set the incineration time to a desired hour. The default factory setting is set at 3:00 AM (according to the toilet's time). The incineration initiation requires a minimum of four uses (60 minutes of incineration time). If there hasn't been enough uses, automatic incineration will not start, and it will be postponed to the next day.

incineration can be initiated manually by pressing on the Hiilet® logo for five seconds on the smart screen. The screen displays a loading animation indicating the progress of the process loading. When the loading is complete, the device requests confirmation to start the incineration program. The flashing logo must be swiped to the left edge of the screen within three seconds to confirm and initiate the incineration. The screen colors switch to orange when the incineration program is activated.

NOTE: incineration does not need to be activated after each use.

The total duration of the incineration is influenced by the pre-incineration heating phase, which varies between 5–10 minutes. The incineration time is automatically determined based on the number of uses and ranges between 30–120 minutes. After the incineration program, there is approximately an hour-long cooling phase, after which the toilet is ready for use again. When incineration is initiated, the screen displays the time in minutes when the toilet is available for use.

The typical program for six uses during the summer takes about 130 minutes in total and consumes around 2.2 kWh of energy.

The slide cover is opened for cleaning by pressing on the right side of the seat rim. Cleaning should be performed with the slide cover open, using a moist toilet brush or by wiping the cover with damp paper. Cleaning must be done with the slide cover open to allow any moisture to drain into the ash tray.

The ashtray should be emptied regularly, approximately every 4–6 incineration cycles.

Operation During Power Outages

The toilet's functions require 230 V power when started. After start-up, the toilet's functions operate on a 12 V voltage. Hiilet® Luxury toilet can be used normally during a power outage. The toilet's 12 V battery ensures operational functions for approximately eight hours. The backup time may decrease if the toilet is used a lot. The incineration function can be started manually or will start automatically according to the schedule when the power supply is restored. If the toilet is used a lot of during a power outage, it may be necessary to perform two consecutive incinerations to ensure all toilet waste is incinerated.

Functions

The Hiilet® incinerating toilet disposes of toilet waste at high temperatures (over 600 °C), utilizing the infrared range of heat radiation for efficient incineration. The incineration process consists of three phases: Heating Phase – incineration Phase – Cooling Phase. The incinerator heats up to 610 degrees Celsius (°C), typically taking about 5–10 minutes. As the temperature rises to 500 °C, the fan's power increases, blowing the exhaust gases into the outlet duct. The incineration phase initiates when the temperature reaches the set 610 °C. The incineration phase lasts for 30–120 minutes, depending on usage, with the temperature ranging between 590–620 °C. When the incineration time is complete, the resistor turns off, and the cooling phase begins, causing the charred toilet waste to ultimately turn into ash. At this point, the resistor is no longer active. During the cooling phase, the fan operates at high power, and cooling takes about 60–75 minutes until the incinerator's internal temperature is 100 °C. After this, the fan's power decreases, and the toilet is ready for use again.

Incineration time is influenced by the number of usage cycles and the ambient temperature around the toilet. The system automatically determines the required incineration time based on the number of usage cycles. User identification/lid opening of less than 15 seconds does not add to the incineration time. A usage duration of less than three minutes (small usage) adds five minutes to the incineration time, while a usage duration of over three minutes (large usage) adds 10 minutes. Incineration functions can start either automatically or manually by the user. By default, the toilet begins the automatic incineration program according to the toilet's clock at 03:00 (nighttime) if there have been four or more usage cycles since the last incineration (accumulated incineration time of at least 60 minutes).

During incineration, the remaining incineration time is displayed on the LED screen (including the cooling phase). The toilet is ready for use only after the cooling phase. The toilet is accessible when the incinerator's temperature is below 200 °C, which can be checked on the temperature display.

Fluids

Liquid waste is separated using the structure of the outer cover and directed out of the toilet through the pipe on the left side. Separately collected liquids can be directed into the ground, guided to an absorption field, channeled into a greywater system, or collected in a separate container. The external liquid pipe should be insulated if the toilet is used in winter conditions, as urea slowly accumulates in the liquid pipe, potentially causing blockages. The cleanliness of the liquid pipe should be regularly maintained following the maintenance instructions.

Emptying the Burner

- Ensure that the incineration process has ended, the incineration container has cooled, and the toilet has not been used after incineration. You can check the temperature of the incineration chamber on the LED display.
- Grab the outer cover from the sides and lift it to the upper position. Ensure that the cover locks into place.
- Turn the locking lever of the burner forward so that the protective container and the burner descend.
- Pull the burner out of the protective container, lift it by the handles, and empty it.
- Regularly wash the burner with water and a soft brush. Hardened ash can be removed with water and a wooden spatula or a soft brush. Do not use detergents for washing the burner.
- Place the burner back into the protective container and push it into place. The handles of the burner should align with the direction of the toilet's frame and should not point sideways.
- Turn the locking lever back into place and ensure that the burner is securely in place.
- Lower the seat cover. The toilet is ready for the next user.

Cleaning

Cover and Lid

General cleaning of the toilet's outer cover should be done with water and damp paper (cleaning water and paper can be directed into the ash tray). When cleaning the lid, care should be taken to prevent water from entering the LED display recess. Cleaning of the LED display should be done with a dry microfiber cloth (do not use cleaning agents). Water is not allowed to be in contact with the LED display.

Bowl

Cleaning the bowl should be done with a small amount of water with the lid open. Do not use solvent-based or strong detergents for cleaning, as these can damage the nanoparticle coating on the cover, which may compromise dirt resistance and pose a safety risk during the incineration process. Annual waxing of the bowl can help keep it clean. You can use sprayable hard wax (car wax) for waxing, which should be polished with a clean microfiber cloth.

Inner Parts of the cover

Lift the cover to the upper position and check the area around the lid for possible debris. Ensure that no foreign objects, paper, or other impurities have entered the lid or the transfer mechanism. Clean as needed by lifting the cover off its place. Regularly check the tightness and condition of the slide cover's straps during the usage period. If the straps feel loose, tighten them by moving the front axle forward. Regularly check the condition of visible wires for possible mechanical or heat damage during the usage period. If you notice any breakage, contact customer service.

Cleaning of the inner parts should be done by lifting the cover completely off the frame. Before lifting, disconnect the power from the main switches, unplug the power cord from the socket, and disconnect the lid's data cable. After this, the cover can be lifted from its place for cleaning of the inner parts.

Maintenance

Regular maintenance is essential to ensure the proper functioning of the toilet. If maintenance is required while the warranty is in effect or after it expires, contact an authorized dealer or Hiilet Oy's service (info@hiilet.com).

Check the cleanliness and accessibility of the air ducts. Move the toilet from its place and inspect the cleanliness of the toilet's intake and exhaust air ducts. Clean, if necessary, by brushing. Check the cleanliness of the exhaust pipe, visible at the back of the toilet, and brush the pipes if needed. Vacuum or wipe away any loose dirt.

Check the cleanliness of the external air ducts and the chimney cap. If necessary, remove the chimney cap and bottom plug from the T-junction and remove debris. Clean the drainage hole in the bottom plug.

NOTE: Any impurities that impede airflow will affect the toilet's performance.

Keep the liquid tube free of external debris and regularly remove urea. For urea removal, you can use acidic detergent or urea and limescale remover. Do not pour the cleaning agent into the bowl of the cover; instead, pour it directly into the liquid tube when the cover is not in place. If the toilet's silicone liquid tube is severely clogged, it can be cleaned by squeezing and flushing with water. The tube can also be brushed with a long-handled bottle brush (plastic brush). Do not use a wire brush, as it can damage the tube.

NOTE: The toilet must be emptied and cleaned before sending it for maintenance or repairs.

Battery

The Hiilet toilet is equipped with a separate 12 V/7ah lead-acid gel battery, which activates when the 230 V voltage is interrupted. The battery's purpose is to maintain user functions and operate the fan. The battery has a lifespan of 2-5 years in continuous charging. Frequent discharge and storage in an empty state can shorten the lifespan. The operating system has battery voltage protection to prevent deep discharge. If the battery voltage reaches the lower limit (11.7 V), the toilet shuts down, and it is not usable until the power supply is restored. The 12 V system and the battery have their own main switch, which disconnects the battery from the system. The battery's lifespan decreases if the power supply is interrupted for extended periods, and the battery is not fully charged. The original battery has a warranty of 12 months.

Battery Replacement:

1. Turn off both power sources and unplug the power cord from the wall.
2. Disconnect the battery terminals and release the battery by cutting the fastening strap.
3. Pull the battery out from the right side of the device.
4. Replace the battery and secure the new battery in place with a cable tie.
5. Connect the red wire to the plus (+) terminal and the black wire to the minus (-) terminal.
6. Ensure the connection and check the wires.
7. Plug the power cord back into the wall.
8. Turn on both power sources.
9. The toilet is ready for use.

Safety

The toilet is equipped with three separate temperature sensors that ensure safe operation. If the internal temperature of the toilet rises too high in the main switch box (60°C), the main power is automatically cut off (the resistor turns off). The main power is automatically restored once it has cooled down. The display indicates a fault code and requires the user to perform a safety check to identify visible faults or damage and acknowledge fault conditions. The incineration program must be restarted once the fault is identified and ensured that the fault situation does not recur. A separate temperature sensor controls the incineration temperature and the operation of the resistor. If the temperature sensor is damaged, the incineration program cannot be executed. The system is monitoring the internal temperature of the cover and interrupts the heating of the resistor if the internal temperature of the cover becomes too high, for example, in the event of damage to the fan. The toilet does not function if any of the temperature sensors are faulty.

The cover, incineration ash tray, and slide cover have their own sensors that ensure safe operation. The incineration process does not start if these parts are not in place. An error code is displayed on the LED screen in case of a malfunction.

The cover should not be lifted while the incineration program is running. If the cover is lifted during incineration, the power is cut off from the heating resistor. Incineration resumes when the cover is placed back in position.

NOTE: The ash tray and heating chamber are hot during incineration. Avoid contact to prevent the possibility of burns.

NOTE: The incineration process requires that the incineration ash tray and cover are in place, and the slide cover is closed. The incineration program does not start if any of these parts are not in the correct position.

Troubleshooting

The toilet automatically detects faults and displays a fault code on the LED screen. The fault condition must be acknowledged by pressing the screen when the fault code is visible.

Error code 101	The toilet constantly recognizes the user. When lifting the lid, the hatch should close. Check the cleanliness and tightness of the sensor. If the slide cover opens when the lid is closed, there is a sensor malfunction. The sensor needs adjustment or replacement. Contact maintenance.
Error code 102	Neither of the slide cover switches recognizes the slide cover. Lift the cover and check the cleanliness and functionality of the slide cover limit switches. Remove debris, paper, or other impurities. Clean the sliding surface. Check the condition and free movement of the limit switch levers. If a limit switch is broken, it needs to be replaced. Contact maintenance.
Error code 103	The slide cover is stuck (slide cover closed). Clean the sliding surface. Check the condition of the belts. If the belts are loose, tighten them by moving the front axle forward. If a belt is broken, contact maintenance.
Error code 104	Slide cover jammed (slide cover open). Contact maintenance.
Error code 105	Heating element temperature sensor fault. Sensor needs to be replaced. Contact maintenance.
Error code 106	Inner cover air temperature sensor fault. Sensor needs to be replaced. Contact maintenance.
Error code 107	Temperature does not rise. Heater fault or voltage fault. Check power supply and fuse (10A). Ensure that the mains power is connected to the toilet. If the fault persists, contact maintenance.
Error code 108	Fan malfunction. Contact maintenance.
Error code 110	Incineration for over 200 minutes. Combustion has not been successful, no combustion has occurred, or combustion has been interrupted. Check power supply and fuse (10A). Restart the combustion. If the fault persists, contact maintenance.

Fan not running.

Has the system been started with 230 V voltage? Check if the ash tray and ash tray holder is in place. Check if the cover is in place. Check the fan's electrical connection. If the problem persists, contact maintenance.

Clock and calendar reset when power is cut.

The clock battery is depleted. The toilet functions normally, but the time and date are reset each time it restarts. Battery must be replaced by maintenance or a licensed electrician.

Overheat protection has triggered, and combustion has stopped.

There is heat leakage in the toilet. Unburned material or substance between the slide cover and the combustion chamber causes the slide cover to be detached from the structure, resulting in heat leakage. Clean the sliding surface of the combustion chamber and ensure that the slide cover fits tightly.

The slide cover does not seal tightly against the sliding surface of the combustion chamber (noticeable gap).

Check the fit of the slide cover by pressing on the rear edge. If the slide cover swings significantly, the structure of the combustion chamber or the slide cover may be damaged or twisted. Contact maintenance.

The ash tray holder of the ash tray does not fit under the combustion chamber.

Check the straightness of the ash tray holder's structure. If the structure is damaged or twisted, a new ash tray holder must be obtained. Contact an authorized dealer.

The ash tray does not fit inside the ash tray holder.

Check the structure of the ash tray holder. If the structure is broken, it needs to be replaced.
Check the structure of the ash tray. If the ash tray is damaged or twisted, it needs to be replaced.

The ash tray does not rise against the combustion chamber, or the lifting handle does not move.

Check the lifting handle to ensure it's in place, and that there's no material preventing movement around the lifting bracket. Check the position of the ash tray, ensuring that the visible handle of the ash tray points directly forward. If the lifting handle or any of its parts are damaged, they need to be replaced.

In any troubleshooting situation, you can contact: info@hiilet.com.

Warranty

The warranty for this product is valid for two (2) years from the date of purchase as indicated on the receipt. The exception is the battery, which has a 12-month warranty. The warranty covers manufacturing and material defects while in force. Hiilet Oy is responsible for the costs of warranty-related manufacturing defects and their repairs. The customer is always responsible for transporting the product to the designated service center. The customer is responsible for the normal maintenance of the product and the associated costs. The product warranty is not valid if the service/repair is performed by anyone other than an authorized service partner approved by the manufacturer.

This warranty does not cover the following:

- Faults Or deficiencies caused by incorrect installation.
- Faults or deficiencies caused by incorrect use.
- Transport damages.
- Damages caused by lightning.
- Defects resulting from normal wear and tear.
- Slow structural changes due to temperature variations.

The customer is responsible for the costs of maintenance and repairs after the warranty period. This warranty is valid in the Nordic countries. Other countries may have specific terms. When contacting our services or maintenance, provide the serial number found on the device (CE mark series number). Include a picture of the purchase receipt and images of the product, showing the installation of the toilet inside and the installation of air pipes outside the building. All repairs must be carried out by an authorized service center. For more information, visit: www.hiilet.com.



CE-CERTIFICATE

Manufacturer
Hiilet Oy
Naattiantie 1
40520 Jyväskylä, Finland, EU
info@hiilet.com
www.hiilet.com

EU DECLARATION OF CONFORMITY

Manufacturer: Hiilet Oy, Naattiantie 1, 40520 Jyväskylä, Finland

Brand: Hiilet®

Model: Hiilet® Luxury

We declare that the device meets the requirements of the following directives: 2014/35/EU, 2006/42/EC, 2004/108/EC and complies with the following harmonized standards: EN 60335, EN 55014, EN 61000-3-3.
In Jyväskylä on 10 April 2022

Mikko Jokilahti
CEO
Hiilet Oy

Mikko Jokilahti, Hiilet Oy

A handwritten signature in black ink, appearing to be 'MJ' with a horizontal line extending to the right.