



Cinderella[®]

Incineration Toilets

The Cinderella is a tidy, modern, eco-friendly system for turning WC waste into ash!

The Cinderella Eco **WATERLESS** Toilet Solution – User Guide

Before use, insert the special wax-paper liner.

It is shaped to fit into the bowl, to keep everything clean. Contents will slide into the burning chamber.



Open lid and seat. The fan starts automatically.



Place bag in bowl. Remember to use a new bag for each visit.



Lower seat. The toilet is now ready for use.



In cases of little waste, pour in a cup of water so that the bag gets enough weight to fall.



Close the lid.



Push the start button. Incineration starts when the yellow lamp turns on. The toilet is now ready for further use.

Do not insert a new liner before it is needed. The wax liner might stick to the metal bowl.

- Raise lid and seat. **Insert the liner in the correct orientation.** Lower seat. **One use, one bag.**
- Take a seat and use the loo normally.
- Initiate a burn after each use. **Press the START Button** - the yellow incinerate indicator glows.

Small children or small amounts. Add a cup of water into the liner so it's heavy enough to glide away.

Check after each flush that the steel bowl is clear.

- ✓ Lift the lid and check that all the bag has gone - not caught by the closing mechanism.
 - ✓ If part of the bag is visible, close the lid and press the START button again. Raise lid to check.
 - ✓ If the paper is still not released, add a cup of water into the liner and press START once more.
- Only if the unit is cold press, the START button, wait of the hatch to open, and immediately raise the lid. The hatch will stay open so that you can clear anything caught. Lower the lid and the hatch will close.

PRE-HEAT Routine – Reduces corrosion or overfilling. **Important for 24/7 users** or before expected heavy use.

- 1 Lift and close the lid. Do not insert a liner or use the toilet. **Press START** to initiate incineration.
- 2 Wait 15 minutes and use the toilet normally. The incineration chamber will be at correct temperature.

IMMEDIATE Use Routine *If you can't wait, initiate **PRE-HEAT 1**. The orange incinerate light will glow.*

Heating has started but energy is not being wasted as temperature has to rise to 600C to incinerate.

*Raise lid. Insert liner. Do what must be done. Close lid, but **DO NOT press START** for at least 5 minutes.*

The Catalytic Converter must be above 100C to work and to remove smoke, smells and particles.

- **Continuous Use** The toilet is designed for 4 users an hour. A few minutes are needed to reduce the waste package in the ash container, so allow 10 minutes to pass between visits when used continuously.

For more information contact UK Distributor:

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Information about your Cinderella FREEDOM Incinerator Machine

The Cinderella is designed to incinerate after every use (small amounts may be combined).

Cinderella Burning Cycle lasts for about 70 minutes. Once started a cold **catalyst becomes fully functional after 7-8 minutes**. It removes odour and particles from the exhaust air. Once the cycle is complete the electric supply to the heating element is stopped and the machine cools to ambient temperature using the 12V cooling fan only.

Further uses at operating temperature increases the efficiency of the unit. The burning time will be increased for subsequent uses, the catalyst is immediately effective, efficiency is increased.

PRE-HEAT Routine Delay first use until the catalyst has reached working temperature, 7-8 minutes, and second use until 20 minutes from first press of incineration START button.

Ashes should be grey, sterile, and inert. A **normal mixture** of liquids and solids will create grey ashes.

When the proportion of urine is over 60 % of the total, **the residue will not result in grey ashes**.

Crystals will form on the ash surface and sides of the steel insert with a thin black layer under the ash. This is normal and not an indication of a bad incineration process.

To clean the steel insert, when it's cold, lift it out and empty the ash. Fill it with hot water and leave it for 15-30 minutes. Any crystals will soften or dissolve, so a hard brush will easily remove the residue. Rinse the last sandy residue from the insert, allow to dry and replace it into the ash container.

Ash is a superb insulator Regular emptying increases the effectiveness and efficiency of incineration.

We recommend emptying the ash container frequently. Dispose of ash with household waste.

Smoke and Smell are captured by the catalyst once it is at working temperature as described above.

All that should escape through the flue is hot air, which should be the only smell detected.

Where the exhaust cowl is at a low level the exhaust air smell may be detectable. A higher exhaust point will reduce this. Air from the toilet before the catalyst has reached working temperature, 7-8 minutes, may also smell as material is being heated to burning temperature.

We recommend only using the toilet once the catalyst has reached working temperature.

Maintenance is relatively simple. Most problems are due to lack of regular maintenance.

Remove the ash container and any screws holding the unit to the floor. Slide the unit off the flue pipe. Disconnect from gas supply and battery and move the unit outside. Tip the unit forward and, using a funnel, pour water through the exhaust port to backflush the catalytic converter until water runs clear. Remove the back panel and remove the ignition electrode. Check its condition and that of the exhaust fan, burner fan and inside the unit. Clean where needed. Video guides are available.

Steam Clean Occasionally put a liter of hot water into the ash container and go through a burn cycle. This will act like a '**steam clean**' for the machines working components like the catalytic converter.

Do not use chlorine based or abrasive cleaning agents to clean the unit.

Servicing involves maintenance as outlined above, general cleaning inside the unit and the burner tube. Sand the top of the ash container insert. For units used in everyday living quarters service them quarterly. For leisure users the service interval varies between 3 to 6 years.

Continuous or Commercial users - ROUTINE SERVICING MUST BE DONE QUARTERLY