



# Cinderella<sup>®</sup>

## Incineration Toilets

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

### The Cinderella Eco Toilet Solution – User Guide

**Before use, first insert the special wax-paper liner** shaped to fit into the bowl, to keep everything clean and 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.

- **Insert the liner in the correct orientation**
- **One user, one bag.**
- **Initiate a burn after each use. Press the START Button - the yellow incinerate indicator glows.**
- **Do not insert a new liner before it is needed.** The wax liner might stick to the metal bowl.
- **Small children.** Add a cup of water into the liner so that it has enough weight to glide away.
- **Check after each flush that the steel bowl is clear.**
  - ✓ Lift the lid and check that all the bag has gone, and not caught by the closing mechanism.
  - ✓ If part of the bag is visible, close the lid and press the flush button again.
  - ✓ Check and if the paper is not released, add a cup of water and flush once more. This will normally clear the liner leaving the toilet clean and ready for the next user.
- **If several people are expected to use the toilet** pre-heat the toilet in the morning or on occasions when several people are expected to use the toilet within a short time interval.
  - **To pre-heat** start an incineration process without inserting any liner or waste.
  - Lift the lid, close the lid, press the start button and then wait 15 – 20 minutes. With the toilet warmed up the first user's waste will burn very efficiently.
- **Continuous use** We recommend 3 – 4 users an hour. The burning process needs a few minutes to lower the waste in the ash container, so allow some minutes to pass between visits when used continuously. Ensure that the ash container does not need to be emptied.

For more information contact:  
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### Information about your Cinderella Comfort Incineration Machine

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

**Cinderella Burning Cycle** This lasts for about 70 minutes. Press START and within 10 minutes the catalyst, which cleans the exhaust air, becomes functional. 20 minutes from START and it's 600C inside the incineration chamber. The temperature then varies from 480C to 600 throughout the burning cycle. The machine then cools back to ambient temperature using the cooling fan only.

**Further uses at operating temperature increases the efficiency of the unit.** Only the burning time of first use will be added to the second, with the catalyst immediately effective.

**We recommend delaying 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** These should be grey, sterile, and inert. Suitable to be disposed of with household waste.

A normal mixture of liquids and solids creates grey ashes. When the proportion of urine is 60 % + of the total, the residue will not result in grey ashes. Crystals will form on the surface of the ash and sides of the steel insert with a thin black layer beneath the ash from the liner material which partly covers the base of the steel insert. This is normal and not an indication of a bad incineration process.

To clean the steel insert, first empty the ash and pour in hot water. Let this stand for 30 minutes. The crystals will dissolve and soften so a hard brush will easily remove any residue. Rinse the last sandy material from the insert, leaving it clean for next use. This needs only to be done periodically, but frequent removal of ash, which is a superb insulator, increases the efficiency of incineration.

**We therefore recommend emptying the ash frequently.**

**Smoke and Smell** The catalyst needs to be at working temperature as described above to be effective. All that should escape through the flue is hot air, which is 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 if material is being heated to burning temperature.

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

**Maintenance** is relatively simple. Remove the ash container, and put to one side, and the two screws holding the unit to the floor. Slide the unit off the air pipes. Disconnect from the electricity supply 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. Check the condition of the exhaust fan and clean if needed. Videos will be made available to guide you. Occasionally put a litre 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 sweeping through the air intake and chimney and sanding the top of the ash container insert to maintain a good seal. This should be done once or twice a year.