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Green Cone ia a registered trademark

European Patent No. 0449927
US Patent No. 4984561

How to Order Accessories

Call Freephone 0800 731 2572 (UK Only)

Web: www.greencone.com (UK Only)

Use the accessories form supplied with each Green Cone. (UK Only)
How the Green Cone Works

**Sunlight**
Provides energy source for the digestion process.

**Double-walled solar cone**
Creates a heat trap of circulating air to encourage bacteria growth.

**Soil**
Filters out smells and prevents access by flies.

**Natural Micro-organisms and Worms**
Migrate freely in and out of the basket and break down the waste.

**Digestion Chamber**
Aerobic conditions to reduce methane production.

**Nutrient Rich Water**
Enter surrounding ground.

**Removable Lid**
For easy access to digestion chamber.

**Over 90% of the waste material in your Green Cone will be absorbed as water by the soil.**

Frequently Asked Questions

**How easy is the Green Cone System to use?**
Very. In your kitchen fill the Green Cone caddy with all your organic kitchen waste. When convenient, empty the caddy into the Green Cone in your garden.

**Where should I put the Green Cone itself?**
In a sunny, close-to-hand spot like a flowerbed or vegetable plot. Do not put your Green Cone in a cold, dark, wet place as it will not work properly.

**Can I use chemical activators as well?**
No. Chemicals can kill or disrupt the bacteria breaking down the food waste. If activator is required only use the natural Green Cone accelerator powder.

**Can I use my Green Cone to dispose of animal excrement?**
Yes, in moderation. When you come to empty the Cone, take care to wear gloves and make sure you wash your hands.

**How much food waste can I put in my Green Cone?**
Provided your Green Cone has been correctly installed, three-quarters to one kilogram of food waste can be disposed of in your Green Cone each day. This amount is typical of that produced by a family of four. The precise quantity of waste digested by your Green Cone each day will depend upon the ambient temperature, the population of bacteria and the mix of food waste you produce, where just like us the Green Cone responds to a balanced diet of vegetables, fruit, fish and meat!

**Can I put garden waste in my Green Cone?**
It is better not to. A traditional compost bin or heap is better at handling garden waste such as grass cuttings.

**Do I have to turn or mix the contents in my Green Cone?**
No, just put all your food waste into the Cone and forget it. Your Green Cone does all the hard work for you.

**Will my Green Cone work all year round?**
Yes. Your Green Cone works 365 days a year. The level of food waste may rise during winter but should drop down when the weather gets warmer. If it slows during very cold periods use the natural Green Cone accelerator powder.
Installing Your Green Cone

**IMPORTANT: The more care you take installing your Green Cone the greater its efficiency.**

The Green Cone converts food waste primarily into water and carbon dioxide. The water produced must be able to drain freely away otherwise the Green Cone will become anaerobic (without oxygen) and cease to work. It is therefore vital to install your Green Cone in an area of good drainage - or create good drainage by putting gravel (or small stones, small pieces of broken terracotta pots, small pieces of broken bricks) under the basket. Under no circumstances must the base of the basket be below the water table or where water gathers.

Choose a **sunny** spot in the garden. *The sunnier the better*

**Step 1**

If your soil drains well dig a hole 80 cm (32") wide and 60 cm (24") deep

*When you have dug the hole, pour a bucket of water into it, if the water disappears within a few minutes you have good drainage. If the water remains for more than 15 minutes you have poor drainage and will need to enlarge the hole as per the clay details below.*

**Step 2**

If you live in an area of heavy clay or chalk make the hole 90 cm (36") wide and 70 cm (28") deep.

**Step 3**

Mix some of the soil from the hole with gravel and/or compost. This 'mixture' is for backfilling later and will improve the drainage.

In areas of heavy clay or chalk include gravel (or small stones, small pieces of broken terracotta pots, small pieces of broken bricks) in the 'mixture' to aid drainage.

**Step 4**

Place the 'mixture' in the base of the hole so that when the basket is placed in the hole it is 3 cm (1") below ground level.

Place the assembled Green Cone in the hole. Ensure the top of the black basket and the bottom lip of the green outer cone are below ground level.

Backfill the gap with the 'mixture' until the bottom lip of the Green Cone is fully covered.

**Backfill the gap with the 'mixture' until the bottom lip of the Green Cone is fully covered.**

**Using Your Green Cone**

*Green Cone Kitchen Caddy*

The Green Cone is supplied with a convenient caddy that can be kept in your kitchen to reduce the number of trips you make to your Green Cone. Throughout the day food waste can be put into the caddy before it is taken to your Green Cone. The lid of the caddy contains a filter to reduce food waste smells in your kitchen.

The Green Cone is designed to handle the following amount of waste.

1 full caddy every 1-2 days during summer (March - September)
1 full caddy every 2-3 days during winter (November - February)

Remember to add Accelerator Powder during the winter months.

**Accelerator Powder**

Your Green Cone is supplied with accelerator powder and an application jar. Where the Green Cone is situated in a position that does not enjoy a full days sunshine, or when there are long periods of cold weather, the digestion process may benefit from the application of this powder. Simply shake a small amount of the powder into the caddy before emptying the food waste into the Green Cone. It is also beneficial to use the powder for the first week after the installation of the Green Cone to encourage the growth of bacteria.

The accelerator powder is simply a mixture of natural bacteria on a cereal base that ensures a healthy population of safe bacteria to keep your Green Cone working efficiently.

**Dealing with Household Waste**

The Green Cone is an integral part of dealing with your household waste. It takes your cooked and uncooked kitchen food waste, including: meat, fish, bones, dairy products, vegetables, fruit, peelings, etc. The only exceptions are bulk amounts of food related materials that require a very long time to breakdown, namely: cooking oil/fat and the hard shells of nuts and seafood, such as oysters and crabs.

Other household waste (i.e. non-kitchen food waste) must not be put into the Green Cone but disposed of according to local authority guidance.

**Recycle:** non-biodegradable materials such as metal, wood, plastic and consumer items such as batteries, mobile phones, etc.
Assembling Your Green Cone

**Parts supplied:** Lid, Green Outer Cone, Black Inner Cone, Basket

- Studs: x2
- Hinge: x1
- Screws: x9
- Backplate: x1
- Twistlock: x2
  - (10x5/8)
  - (8x5/8)

**Tools required:**
- Phillips Screwdriver
- Flat Head Screwdriver

1. Place the ribbed side of the hinge on the inside of the lid. Screw the hinge onto the lid through the pre-drilled holes using the two studs.

2. Attach the twistlock to the outer cone through the marked holes using the two 8x5/8 screws.

3. Place the lid on top of the green outer cone. Screw the hinge to the outer cone using three 10x5/8 self tapping screws and backplate as shown. When using these screws pre-drilled holes are not required.

4. Place the green outer cone over the black inner cone, making sure that the lid opens in a convenient direction. Line up the screw holes in the base of the green outer cone with the notches on the base of the black inner cone. Use six 10x5/8 self tapping screws to secure the cones to the basket.

**The bar across the opening of the green outer cone can be removed using a hacksaw if desired (see Frequently Asked Questions)**

Using Your Green Cone

**Compost:** straw and garden waste such as grass and hedge clippings.

**Special treatment (see guidance provided at www.rethinkrubbish.com):**
- Petroleum based liquids, solvents, paints, chemicals such as bleach, household cleaners, insecticides, etc.
- Medical and pharmaceutical waste such as dressings, medicine and drugs.
- Sanitary items such as disposable nappies.

In summary, your Green Cone should be used as follows:

<table>
<thead>
<tr>
<th>What can go in</th>
<th>What can't go in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish</td>
<td>Metal</td>
</tr>
<tr>
<td>Red Meat &amp; Poultry</td>
<td>Wood</td>
</tr>
<tr>
<td>All Bones</td>
<td>Plastic</td>
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<tr>
<td>Bread</td>
<td>Glass</td>
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<tr>
<td>Fruit including peelings</td>
<td>Paper</td>
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<tr>
<td>Vegetables including peelings</td>
<td>Straw</td>
</tr>
<tr>
<td>Dairy produce</td>
<td>Grass cuttings</td>
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<tr>
<td>Cooked food scraps</td>
<td>Hedge clippings</td>
</tr>
<tr>
<td>Crushed egg shells</td>
<td>Bulk oil</td>
</tr>
<tr>
<td>Tea bags</td>
<td>Disinfectant &amp; bleaches</td>
</tr>
<tr>
<td>Animal excrement</td>
<td>“Special treatment items”</td>
</tr>
</tbody>
</table>

**Maintenance**

Your Green Cone needs very little maintenance. As noted in the section on "installing Your Green Cone", it is important to ensure that the top of the basket and the bottom lip of the outer green cone are below ground level and always fully covered with soil.

In a well operating Green Cone very little waste residue will be produced. Should the residue build-up to ground level and not decrease, the cones can be removed to access the basket. The residue can be dug into any suitable area of ground.
Introduction

This guide is intended to help you set up and use the Green Cone System within your garden. The Green Cone is a completely natural system that reduces your food waste to its natural components of water, carbon dioxide and a small residue. This solar-heated unit takes ALL cooked and uncooked food waste including meat, fish, bones, dairy products, vegetables and fruit. Put all your food waste into your Green Cone, situated in a sunny part of your garden, and forget about it - almost everything disappears!

The Benefits to You

- Waste food can be disposed of cleanly and quickly, before it becomes smelly.
- With no food waste in your dustbins your other rubbish is dry and easy to recycle.
- Safe for you, your pets and your plants.
- It's easy to set up and maintain.
- Ten year guarantee.

Helping the Environment

- Saves up to 20% of household waste having to be collected by your council.
- Less rubbish means fewer lorries on the road.
- Makes recycling household waste much easier.
- Reduces the need for landfill and centralised composting/ incineration.

Differences Between a Green Cone and Traditional Composter.

Traditional home composting is an excellent way of recycling garden waste back into the soil. However, unlike a Green Cone, a garden composter is not suitable for recycling many types of food waste, including cooked vegetables, pasta, meat, bones, dairy products and also pet faeces. The Green Cone has been designed to break down these materials in a safe way. The waste is digested rather than composted and is primarily reduced to water. This nutrient rich water enters the soil under the base of the digestion unit. Very little waste residue is produced by a well operating Green Cone and, unlike traditional composters, there is no need to manually turn the waste.
Frequently Asked Questions Cont’d

How do I get more accelerator powder?
Additional accelerator powder can be purchased by contacting Green Cone Ltd using the free phone number on the back page of this booklet.

Will the Green Cone attract flies?
The Green Cone is a sealed unit and when properly installed emits no smells. It does not therefore attract flies. However, the eggs of fruit flies are already in the skins of many fruits and can hatch out in the Green Cone. Similarly, if food or food waste is not kept covered prior to going into the Green Cone, eggs may be laid by a house fly/blue bottle. These would also produce maggots and flies in the Green Cone. Good housekeeping is therefore important. Should flies become a nuisance they can be eradicated by using an air borne fly killer (given the enclosed space inside the Cone a little squirt kills the flies very quickly), which will not kill the bacteria. An organic product called “Flyko - fly and wasp killer” made by Agralan is recommended. This can also be obtained directly from Green Cone Ltd using the freephone number on the back page of this booklet. Under no circumstances use liquid fly killer inside the cone.

Does the Green Cone attract vermin?
If correctly installed, your Green Cone will not attract vermin. By ensuring that the top of the black basket and the bottom lip of the green outer cone are below ground level any smells will be filtered out by the surrounding soil. It is also important not to spill food near the Green Cone.

If you suffer from rats in your garden, you could be unlucky with a rat run crossing the Green Cone. If you think there is a chance of this happening you should put “guinea pig” wire around the black basket to prevent a rat gnawing its way through into the waste or obtain a special “wire wrap” from Green Cone Ltd.

If your question is not covered in this section or you would like to discuss your problem, please contact our customer help line on 0800 731 2572 (UK only)