

MAZE GREEN CONE



How the Green Cone works

Sunlight

Provides energy source for cone

Double Walled Solar Cone

Creates a heat trap of circulating air to encourage bacteria growth and also insulates waste in winter

Digestion Chamber

Enables aerobic condition to be created and also reduces methane production

Water

Evaporates from food waste for aerobic composting

Soil

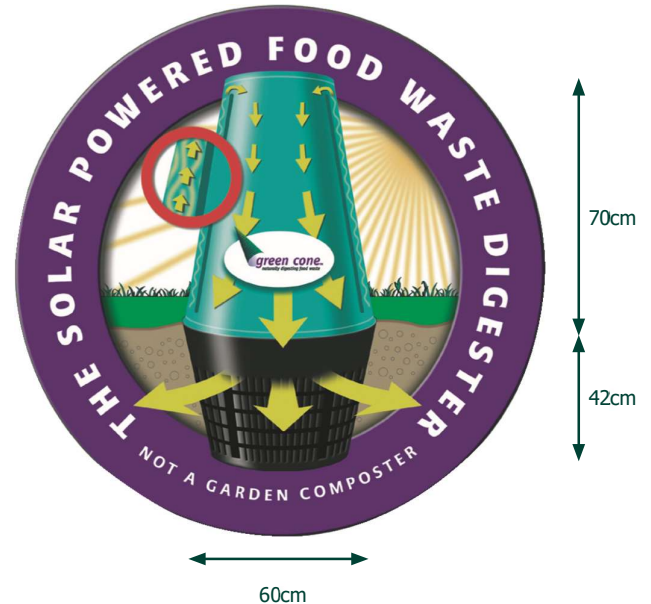
Filters out odor and prevents access by flies

Rich Soil Conditioner

Seeps into surrounding ground

Natural Micro-Organisms and Worms

Migrate freely in and out of basket and break down the waste



A completely natural system that reduces your waste to its natural components of water and CO2
Over 90% of the waste in your Green Cone will be absorbed as water by the soil

Assembly

Components



A

Studs

x2



B

Hinge

x1



C

10x5/8 Screw

x9



D

Backplate

x1



E

18x5/8 Screw

x8



F

Lid Lock

x1



Basket Black-Cone Green-Cone

Tools Required: Flathead & Phillips Screwdriver

STEP 1:

Place the ribbed side of the hinge on the inside of the lid. Screw the hinge (B) on to the lid through the pre-drilled holes using the two studs (A). Do not over tighten the studs as you could crack the lid.



STEP 2:

Attach the lid lock to the outer green cone through the marked holes using the 8x5/8 screws (E).



STEP 3: (this step may already have been completed)

The bar across the opening of the green cone should be cut out to allow large scraps to be emptied in to the cone. Cut the bar out with a hacksaw, blade or cutters.



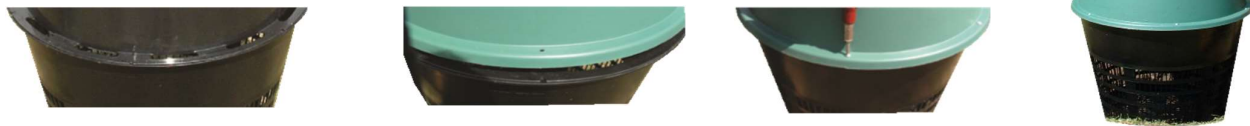
STEP 4:

Place the lid on top of the cone and half turn the lock. **Partly screw** (Abt 1/8") the hinge to the outer cone using three 10x5/8 self tapping screws (C) then place and hold the black backplate (D) on to the screws inside the cone, then tighten the three screws.



STEP 5:

Place the black cone on top of the basket. Then place the green cone over the black cone and line up the holes on the green cone with the U slots on the black cone. Use the 6 10x5/8 self tapping screws (C) to secure the two upper cones to the basket.



Installing your Green Cone

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

Step 1: Choose a sunny spot in your garden. The sunnier the better.

Step 2: Dig a hole 80cm (32") wide and 60cm (24") deep in good draining soil If you have heavy clay or chalk dig the hole 90cm (36") wide and 70cm (32") deep or check out step 5 for more ideas.

WARNING: Please make sure there are no underground pipes, cables or tree roots where you dig your hole.

Tip 1: After you have dug the hole pour a bucket of water in to it, if the water has disappeared within 10-15 minutes your drainage is ok, if not dig the hole deeper and add more stones. (See step 2 & 5)

Step 3: Mix some of the soil from the hole (do not use clay or chalk) with some stones or gravel and/or compost and use at the bottom of the hole and has backfill once your cone is in place.

Step 4: Ensure the top of the basket and bottom lip of the green cone are below ground level.

Tip 2: The soil level will drop after installation and heavy rain. Check periodically that the bottom lip of the green cone is covered.



Using your Green Cone

Kitchen Caddy (sold separately)

The Green Cone is best used with a convenient caddy (sold separately) 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.

Starting to use your cone.

In a Healthy working Cone the food waste will be covered in a blue/gray fur, this is the bacteria doing it's work. You should see this blue/grey fur start to build up over the first 10-14 days.

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

1 full 4.5 litre caddy every 1-2 days during the summer months 1 full 4.5 litre caddy every 2-3 days during the winter months

DO NOT USE ANY CHEMICAL ACTIVATER IN THE GREEN CONE AS IT COULD KILL THE BACTERIA.

What can I empty into the Green Cone?

Fish, Meat, Poultry, Bones, Bread, Pasta, Soup, Curry, Fruit including peelings, Vegetables including peelings, Dairy produce, Cooked food scraps, Crushed egg shells, Tea bags and coffee grinds.

Maintenance

Your Green Cone needs very little maintenance. As noted in the section on installation, 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 upper cones can be removed to access the basket.

For an average family of 4 the basket should only need emptying every 2-3 years.

The residue (soil conditioner) can be dug into any suitable area of ground or added to a composter.

Make sure the lid and the green outer cone are kept clean and free from any food waste.

Do not spill food waste on the ground around the cone as this could attract vermin.

Remember the Green Cone is **NOT** a composter and will **NOT** deal with garden waste.

Troubleshooting

How can I tell if my cone is working

Look inside your cone and if you can see blue/grey fur (mould) growing on the food waste and your cone does not smell your cone is working as it should do.

Small flies come out of the cone when I open the lid

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 especially (orange and banana skins) 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.

The food waste in the Cone looks wet and slimy

This is normally due to poor drainage as the food waste that has broken down to water cannot seep in to the surrounding soil or from heavy rain fall, you need to check the drainage.

The basket is full of food waste in a short time

This is normally due to "over loading" i.e to much food waste is being put in to the cone. If you put more than the recommended amount of food waste in the Cone it will not have sufficient time to break down. See the page for "using your cone"

Will the Green Cone attract vermin?

If correctly installed, your Green Cone will not attract vermin. By ensuring that the top of the 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 or down the Green Cone, make sure the lid and top of the Cone are clean at all times.

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