

## INTRODUCTION

Thank you for purchasing this Kruiser toilet. The Kruiser has been developed to offer the most advanced and useful features available in a compost-collecting toilet. The key features include:

- ✓ Lightweight, leak-proof monocoque base
- ✓ Compost-friendly non-leaching anti-bacterial materials used on surfaces potentially in contact with urine or faeces including linings, separator, solids & liquids tanks.
- ✓ Optimal capacities in both solids and liquids tanks whilst being easy to carry and empty.
- ✓ Engineer-designed solids mixing system offers optimal mixing whilst enabling extended use as the solids level increase or gets too wet. Blade interchangeable with availability of improved blade designs in future. Mixer has anti-leak bearings.
- ✓ Simple solids and liquids tank emptying - no need to disassemble the toilet to remove.
- ✓ Innovative 'poop-chute' cover enables simple removal and cleaning/replacement in the event of it becoming soiled. Template in paper provided and online to design and print your own flap!
- ✓ Anti-corrosive marine-grade stainless-steel metalwork throughout.
- ✓ Multispeed Fan provides optimal damp/smelly air extraction for differing conditions.
- ✓ 'Divert Ready' base allows urine to be diverted to an external tank or soak-pit with the purchase of an optional divert pipe assembly.

## INSTALLATION

### Fixing to the Floor

You can safely use the toilet without fixing to the floor however any ventilation ducting may work loose if you don't fix it.

The Kruiser includes four fixing points inside the base - these points are raised and designed to enable the seal to be maintained once screws are fitted. The four points are pre-drilled but are resealed in the event that you don't use any/all of them.

To maintain the seal when you screw it to the floor, add a drop of silicon sealant just under the screw head before the final turn.

### Ventilation

The 'Versavent' system uses standard 50mm(2") solvent drain pipe. A 'starter' kit is included in the toilet comprising:

- ✓ 500mm pipe
- ✓ Elbow and straight couplers
- ✓ Round vent cover (can be used in either of the couplers)

Other components available for purchase include:

- ✓ Roof cowl
- ✓ Flexible 50mm duct (made to order)
- ✓ 32mm flexible hose & microvent adapter

When installing ventilation keep in mind the following to improve efficiency:

- ✓ Try and avoid too many tight bends
- ✓ Keep the total duct length as short as possible

Contact us if you'd like any specific advice or help with coupling to existing ventilation components.

## USING YOUR TOILET

This is a separating compost toilet which aims to divert most of the urine into a bottle at the front of the toilet for both men and women.

### Before Using (After Installation)

Add 5cm (2") of wood shavings into the bucket - this acts as a biological sponge and gives plenty to mix the early deposits.

### Every Use:

You must open the 'poop-chute' flap every use (pee or poo). The sequence would usually be:

1. Sit Down
2. Open Flap by pushing the lever forward until it 'clicks'
3. If you've just had a pee pull the lever up until it clicks to close the flap before getting up.
4. If you've had a poo you can choose to add sawdust later in which case close the flap now, otherwise leave the flap open until you've added sawdust.

To prevent too much moisture going into the solids tank please observe the following:

- ✓ Men sit down to pee - standing will result in too much urine going into the solids tank
- ✓ Women may need to sit a little further forward than usual to pee and pop back to poo - it depends on individual physiology and you'll quickly learn the most effective way to keep the solids tank dry

### What to do after a pee:

- ✓ Nothing usually, just close the seat lid!
- ✓ Not strictly necessary but worth getting into the habit of turning the mixer crank handle a couple of times - it'll do no harm and will keep the mix aerated!

### What to do after a poo:

- ✓ Close the lid
- ✓ Add a handful of wood shavings/coarse sawdust
- ✓ Close the poop-chute flap
- ✓ Turn the crank handle a few revolutions to mix in the new deposit - the more you turn it the better the mixing. Alternate a few turns one way then the other.

### What to do if the flap gets wet/soiled?

The flap is fitted onto a pair of prongs and easily slides off for disposal (if paper - pop into the solids tank) or to be cleaned (if vinyl)

### Daily Management:

It's worth giving the solids bucket some extra mixing every day - this helps blend the sawdust in with the poo and aerates it which also reduces smells and helps to desiccate the contents.

### Fan Speed Selection:

The fan switch has four positions:

- Off**
- Low** - normal position for gentle, quiet, low-power ventilation of the toilet
- Medium** - if you think the contents are a little wetter/smellier than normal
- Boost** - if you've had a particularly smelly poo and would like to clear the bathroom faster. Also use to help get steam from a bathroom - leave the seat up to increase airflow.

## EMPTYING

### Liquids

You can easily tell how full the urine bottle is by lifting the toilet lid and looking in the wide opening of the bottle. If it's getting full, just pop the lid on and lift it out. You can quickly empty this on grass, down a drain or under hedgerows etc. If you can, rinse it out to reduce smells and clean now and again with eco-cleaner.

### Solids

When the crank handle starts to get too stiff it's probably time to empty it or add more sawdust to loosen it up a bit. To empty, pull out the crank handle, open the poop-chute flap fully to retract it, lift the toilet lid and remove the bottle before lifting out the solids tank. Carry it with the lid on to somewhere you can safely empty it (compost bin or into a Kildwick compostable bag). If you are putting it into refuse please double bag and be responsible.

## CLEANING

The surface of the diverter is quite different from conventional plastic and is able to retain it's finish & colour for much longer as a result. To clean, just use a gentle bio-cleaner periodically and rinse with a hand water-spray.

If the surface gets any faecal contamination, just wipe it off before it dries. If it has dried just us dampen it for a short while (using a hand-pump water spray) and wipe off.

In use urine will leave a scale on the inside of bottles or pipes. This is quite normal and can be removed in bottles using bio-detergent or add stones and shaking then in water to break off the scale. Narrow pipes may block up so be prepared to either change the pipes periodically or use waterless urinal blocks to slow down scale build-up.

## STRAINER MAINTENANCE

The strainer sits in the urine spout to prevent sawdust and other things from entering the urine pipe or containers. It is foil-wrapped plastic and can lose the foil with general use and cleaning and so is classed as a 'consumable' and can easily be replaced

To prevent the strainer dropping into the solids tank it can be 'tacked' on with two small blobs of silicon so that it is easily removed & replaced if it loses its foil. You can get new strainers from the Kildwick online store.

## CUSTOMER SERVICE

We are delighted to help you with your installation issues. Just visit our customer service area for tips, advice and access to our team of advisors.

There is also a very active Facebook group that can help answer questions in all aspects of design, making and use of compost toilets. [www.facebook.com/compostingloos](http://www.facebook.com/compostingloos)

## WARRANTY

This toilet has a twelve month warranty as standard which is extended to three years if you register your product via our website - see the 'Warranty Registration' tab on our online store: <http://www.kildwick.com/store>

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## Compost Collecting Toilet

## Guide



With SteriTouch Anti-Bacterial Additive