

**TRAVEL
LIFE
SOLVED**

ENJOY ADVENTURE

COMPOST TOILET SYSTEM



OGO™ **ORIGIN**



We are committed to providing excellent customer support and are here to help you with any questions or concerns you may have about our product.

Share your journey with us! We would love to showcase your installation on our installation gallery and socials.



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OGO™ **ORIGIN**



Thank you for your
purchase of the



Distributed by EnviroPro Alternatives Pty Ltd in Australia and
Manufactured by OGO™ in Ohio, USA

Each unit is 100% inspected in Australia before leaving our facility
to ensure you are receiving the highest quality!

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RESOURCE CENTRE

GUIDES. FAQs. TIPS. MORE.



NEED HELP?

We're here for you.

Please read the entire manual before operation.

Further information can be found in the Troubleshooting section on page 27 or on our website.



www.ogotoilet.com.au/resources

WHAT'S IN THE BOX?

12V DC Power Cable

Compost Toilet Cleaner Spray Bottle

Installation Screws

Urine Bottle Cap

Vent Hose (90cm)

Coir Peat Brick

OGO Origin Manual



ADDITIONAL ACCESSORIES MAY BE REQUIRED (not included)

Exterior Vent – you may wish to purchase a shell vent to keep unwanted bugs out.

Power Adapter – this product is direct wired 12V DC, 7.5A. The product may also be used with an approved power adapter for 240V supply.

Please Note

Indoor Use Only

Temperature Range:
-15°C to 60°C

Altitude Range <2000M

Not intended for wet locations.
See resource centre for tips on
installing in wet areas.

NEVER RUN OUT...

of Compost Toilet Cleaner or Coir Peat Bricks



We have you covered no matter the installation.

Check out our accessories at www.ogotoilet.com.au/shop



WARRANTY

We offer a standard **three (3) year warranty** on all components.

These warranties do not apply to incorrect use or if the customer has damaged or altered the product in some way.

If you have any questions regarding spare parts or warranty, please reach out to us at info@enviropo.com.au



UNIT PARTS

- | | |
|------------------------|--------------------------------|
| 1. Pull Handle | 9. Drain Pan |
| 2. Urine Bottle | 10. Intake Filter |
| 3. Solids Bin | 11. Power Button/
Indicator |
| 4. Drawer Latches | 12. Liquid Drain Area |
| 5. Vent Housing | 13. Drawer |
| 6. Liquid Level Sensor | 14. Toilet Bowl |
| 7. Power Agitator | 15. Bottle Cap |
| 8. Fan Housing | |



PULL HANDLE TRAP DOOR SYSTEM

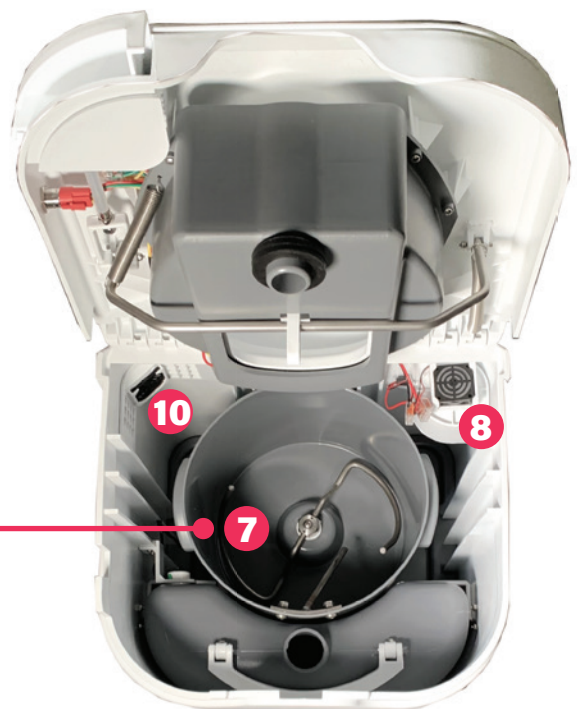
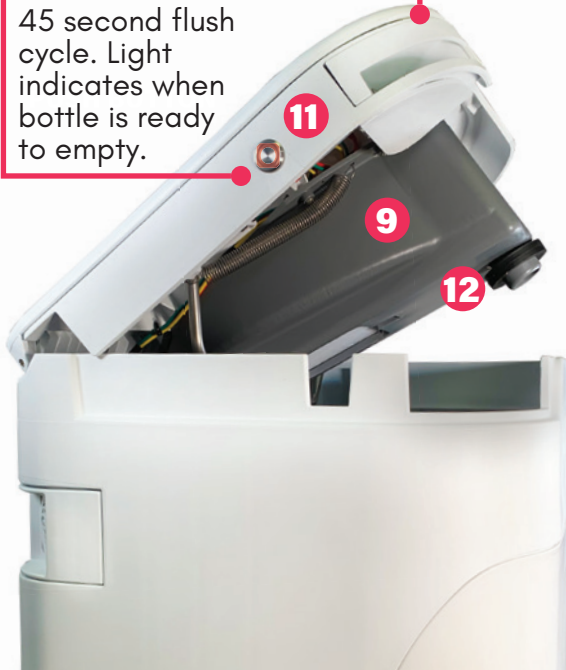
Patented urine diversion technology. Sealed drain pan ensures liquids flow into a separate chamber.

12V DC POWER AGITATION SYSTEM

Stainless steel agitation mixes solid waste and compost medium allowing a safe and odour free toilet.

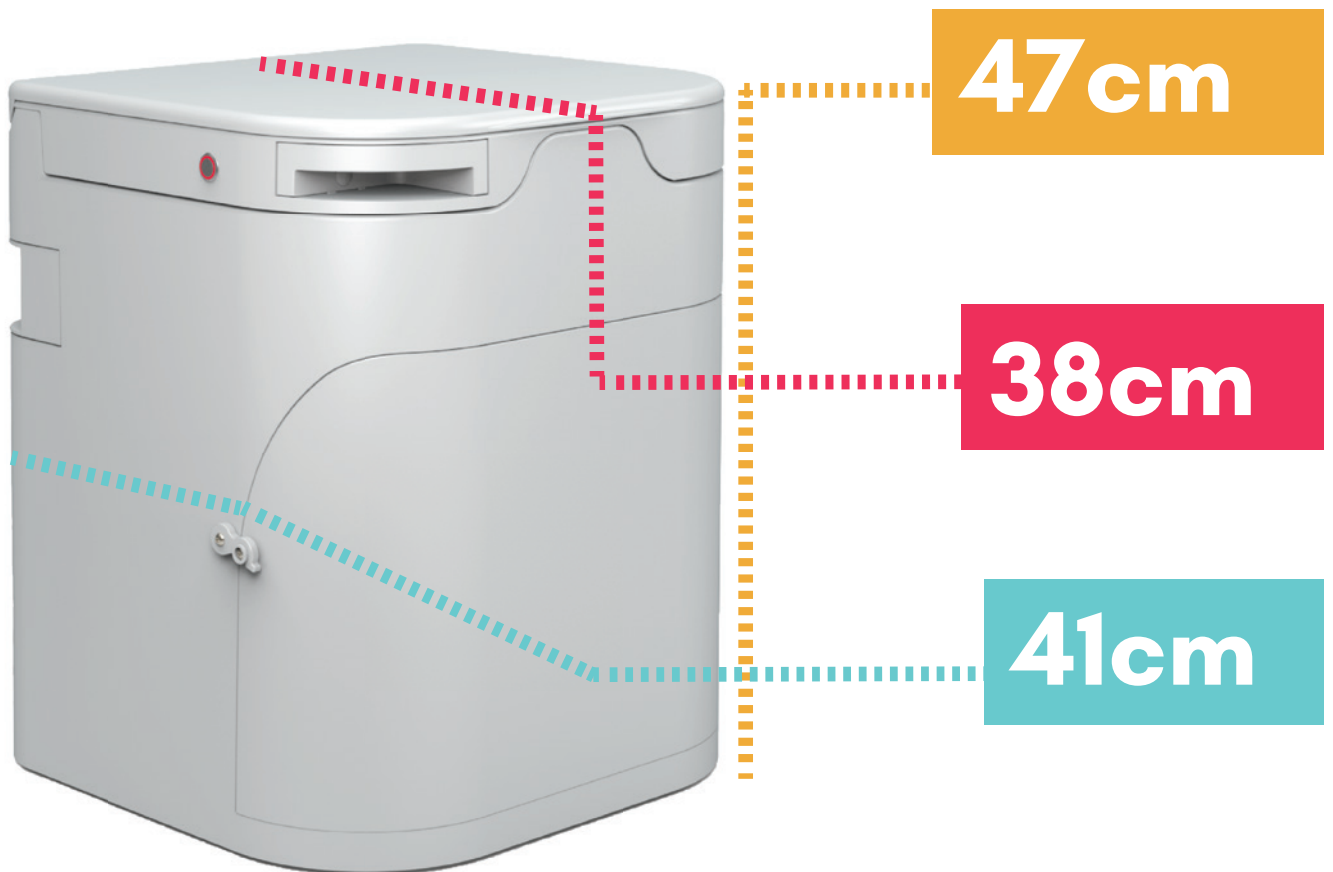
PUSH BUTTON & LED INDICATOR

45 second flush cycle. Light indicates when bottle is ready to empty.



UNIT SPECS

A Quick Note: We recommend consulting with a professional in your area before installation of this product. While we are available to provide advice, ultimately the best course of action for your build and lifestyle is up to you.

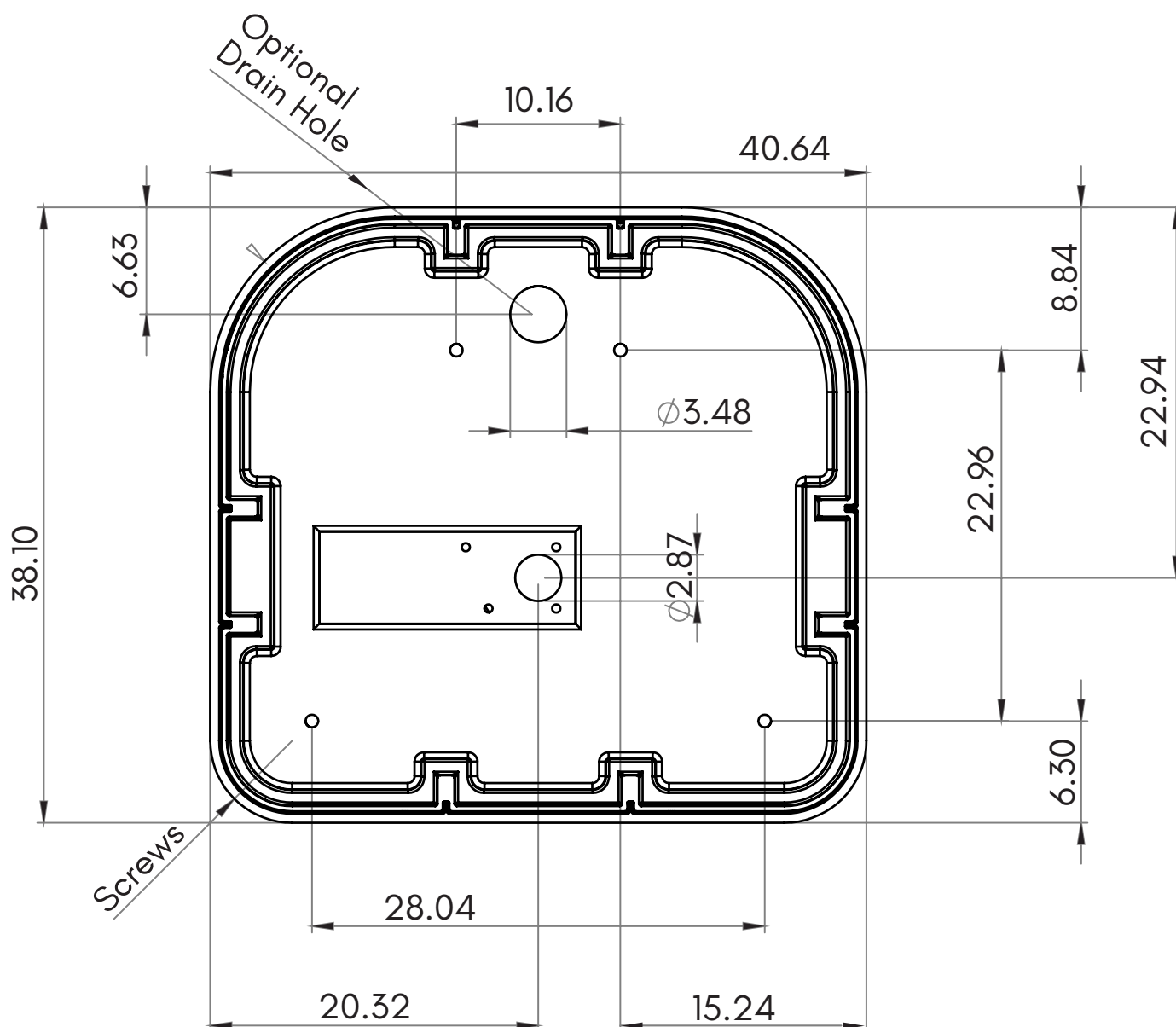


UNIT WEIGHT: 13 KG
URINE BOTTLE: 9 LTR
SOLIDS BIN: 25-30 USES

UNIT SPECS BASE PLATE DIAGRAM



Base plate measurements are in centimetres



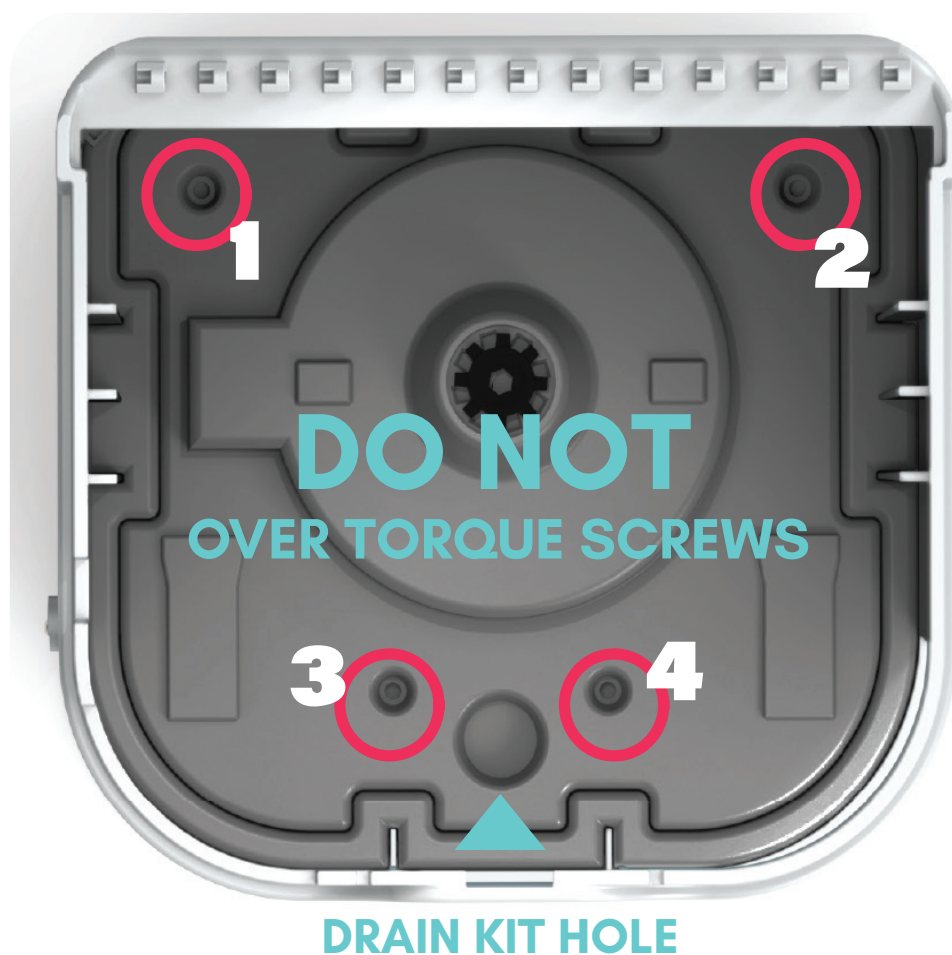
INSTALLATION — FLOOR MOUNTING

Once you have planned your space, power source and ventilation, your unit is ready to install. Remove all tape and packaging. Remove urine bottle and solids bin from the unit to access the mounting.

DRILL MEASUREMENTS & UNIT DIMENSIONS

The pack out bag that contains the stainless steel screws is located in the solids bin. Using a screwdriver and/or drill proceed to secure your unit in the four mounting holes.

If installing a drain kit, use a utility knife and remove plastic from the marked area.



INSTALLATION — WET BATH

PROTECT YOUR UNIT IN A WET BATH

Having a shower/toilet combo is a great way to save space. Ensure there is adequate airflow and moisture control for your compost toilet to work properly.

When installing in a wet area you need to ensure the base of the toilet is raised above the shower base by 25mm. This will keep the motor out of any water.

It is important to cover your toilet when shower is in use, to prevent water entering the units electrics. We highly recommend purchasing a wet bath cover for the toilet. You can find this in Accessories on our website: www.ogotoilet.com.au/shop



INSTALLATION — URINE DIVERSION



SKIP THE URINE BOTTLE:
MAKES THE COMPOST TOILET EVEN BETTER

EFFECTIVE URINE DIVERSION

Safely directs urine away from the toilet, eliminating the need for a bottle.

VERSATILE USE

Suitable for a range of environments, from remote locations to boats, and compatible with existing septic systems.

COST EFFECTIVE

Avoids the high costs associated with septic or marine head systems.

OGO™ Drain Kit



HOW TO INSTALL THE DRAIN KIT

Installing an OGO™ Drain Kit is quite simple with the right preparation and is designed to be able to be removed at anytime for cleaning or switching back to the bottle.

YOU WILL NEED:

- Utility Knife
- PVC Glue (optional)
- Phillips Head Screw Driver
- Additional Piping or Hoses

STEP FOR INSTALLATION

- 1** Remove the urine bottle and access the internal front compartment.
- 2** Install the included drain fitting in place of the bottle insert.
- 3** Attach the drain hose or PVC pipe underneath using the provided stub.
- 4** Route your line to your chosen greywater tank or disposal point.

For detailed instructions and video visit www.ogotoilet.com.au/how-does-the-ogo-origin-drain-kit-work

POWER SPECS

VOLTAGE RANGE

12V DC INPUT

DC12V $\approx$ 10a, 60w



Always disconnect the power source before performing any maintenance or repairs on the electrical components of this product. Failure to follow this warning can result in serious injury or death from electric shock.

We are proud to follow industry standards:

 12 volt DC power

 Automatic start

 45 second cycle

 10amp rating / 1.8 amp avg. draw

SGS

MOTOR SPECS

 CAUTION



POWER COMPONENTS

HOW TO USE THE POWER BUTTON



Push once to **START** the motor. Push again to **STOP** the motor. When pushed to start, the motor will run for a 45 second cycle. Motor will stop automatically. Keep hands away from agitator arms when the motor is running.

Red Light on = Liquid Bottle Full

The red light should be off when the Liquid Bottle is not full.

VENTILATION FAN SPECS



- Continuous Run
- 20mA Rating
- 0.48 Ah/Day
- 6.5 CFM Rating



POWER WARNINGS

PLEASE READ

ALL SAFETY INSTRUCTIONS
CAREFULLY BEFORE USE.

VOLTAGE RANGE
12V DC INPUT

DC12V $\approx$ 10a, 60w



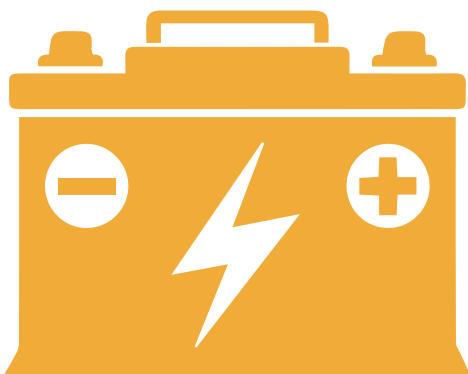
Black =
Negative

Red =
Positive



THE MANUFACTURER IS NOT RESPONSIBLE

FOR ANY PERSONAL INJURY OR OTHER DAMAGES OCCURRING AS A
RESULT OF FAULTY INSTALLATION OR IMPROPER USE. PLEASE SAVE THIS
MANUAL FOR YOUR REFERENCE.



- Never run power cord over hot surfaces or sharp edges. Ensure power cable and connections are correct before operating.
- Never use a damaged power cord or plug.
- Our instructions are recommended for a deep cell battery or other 12VDC systems.
- Consult the manufacturer or a professional regarding electrical concerns, comments, or questions.

INSTALLATION — POWER BATTERY

Ensure your power source works properly.

Remove about 1.5cm of insulation from both wires. Depending on your power source you may need to insert wires into a connector or clamp.

Ensure they are secure. Check your power source's manual for full wire connection instructions.

Attach the RED (+) wire to the positive terminal of the battery.

Attach the BLACK (-) wire to the negative terminal. Plug the cable into the unit.

Your unit should now be ready to use.

If the power is not working after you have connected to the battery, please refer to the Troubleshooting section to work out the problem.

STEP 1: CHECK POWER

STEP 2: STRIP WIRES

STEP 3: CONNECT TERMINALS

STEP 4: CONNECT POSITIVE

STEP 5: CONNECT NEGATIVE

STEP 6: PLUG IN UNIT



*12V DC Battery not included

INSTALLATION — POWER ADAPTER

240V AC POWER ADAPTER

Skip the tools and plug directly into wall outlet. A 240V AC power adapter is available for purchase in Australia.

Visit www.ogotoilet.com.au/shop



The 240 AC adapter is simple to install.

- 1.** Connect the power plug into the wall outlet.
- 2.** Plug the jack into the small power jack (5.5 x 2.5mm), located at the back of the toilet, next to the fan outlet.
- 3.** Test your power is working. If your power is not working, please refer to the **Troubleshooting** section to work the problem.

ENSURE PROPER VENTILATION

Your venting plan needs to consider two crucial factors: Moisture Control & Adequate Airflow. Each unit comes with an optional vent hose.

FREEDOM TO CHOOSE!

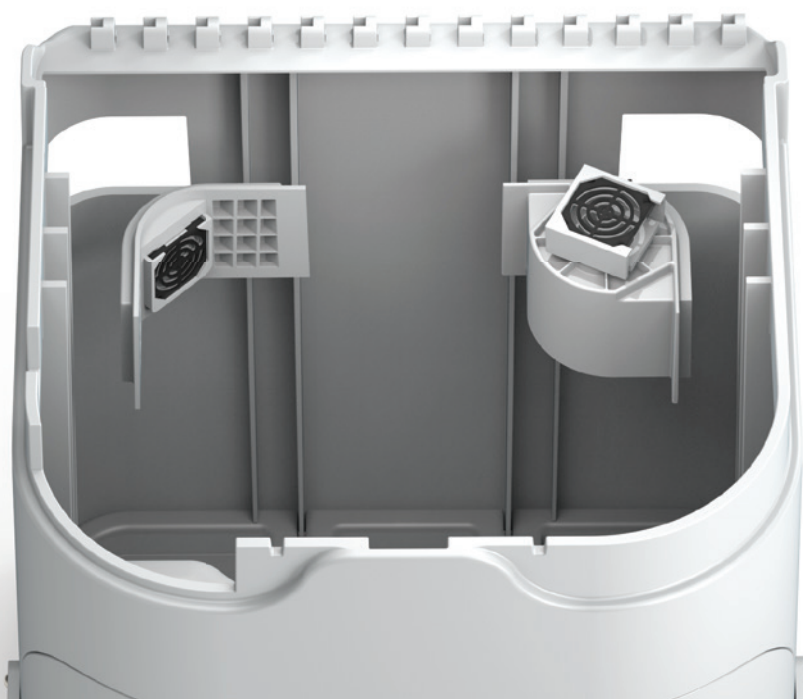
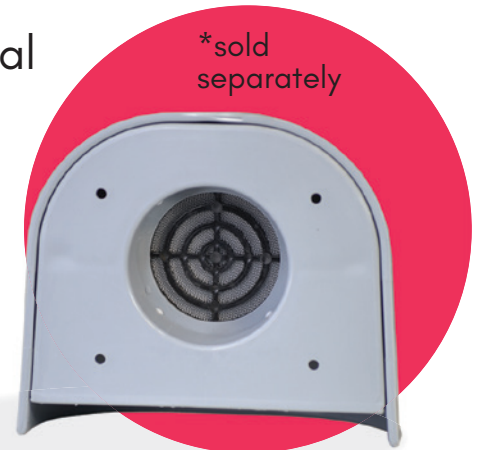
How you vent is up to you.

OPTION ONE: Use vent hose (included) and attach to existing vent system or attach to an exterior shell vent.

OPTION TWO: Use charcoal filters in the t-bar instead of using the hose. A higher CFM fan may be needed to ensure adequate airflow.

When venting outside, it's essential to safeguard against insects and environmental elements. Our custom shell vent protects against the elements with an outer shell and interior filter.

Cut a hole and use a 40mm PVC pipe to connect the shell vent to the hose.



The unit may be vented vertically through the roof, or most common horizontally through the wall, or down through the floor.

CREATE A SOLID VENTILATION SOLUTION

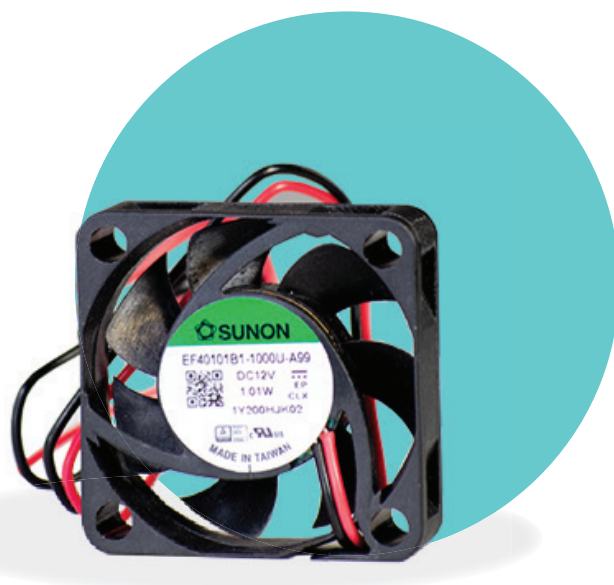


FILTER OPTIONS

Activated charcoal effectively traps and neutralises odours, making it ideal for tackling urine smells in environments like boats.

For optimal results, pair with a **HIGH CFM FAN**

to ensure consistent airflow. These filters are invaluable for units operating without vent hoses in open spaces with adequate ventilation.



HIGH SPEED



During the compost process, microbes produce heat, creating condensation. Humid environments, high elevation, and other factors can work against ideal conditions.

A **high CFM fan** is perfect to combat condensation in your solids bin. The fan is louder, but ensures more airflow and a drier compost mix.

SOLIDS BIN

GETTING YOUR SOLIDS BIN READY FOR USE

Start by placing 9L Coir Peat Brick into a separate bucket. Add 1.5L–2L of warm water. (Note: use 2.8L–3L for a 15L brick).

Allow brick to hydrate, occasionally stirring to break it down. The mixture should feel like light moist soil.

Next, add enough of the mixture to the Solids Bin to fill the bin to just below the top of the agitator. You will only use approximately $\frac{2}{3}$ of the 9L Coir Peat Brick. Store the remaining mixture in an airtight container for your next change.

After approximately 25–30 uses you will need to empty your solids bin.

TOO MUCH

IDEAL START LEVEL

TOO LOW

MORE ABOUT COMPOST MEDIUMS



We highly recommend using coir peat. Avoid using other compost mediums such as sawdust, wood ash, and litter. These become too dense and can damage the agitator system, voiding the warranty.

Properly preparing your medium is crucial for proper function.

SOLIDS BIN: TIPS AND WARNINGS



There is no need to do a full clean of the bin. As any residual will help to start the next batch of compost.



Never use disinfectants when conducting a full clean of your bin.



The drier the compost mixture is, the longer it will last in humid conditions.



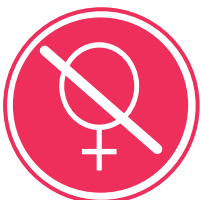
Avoid getting any liquids into your solids chamber. This will cause your mixture to become sloppy and begin to rot rather than compost.



Never place your hand in the solids bin while motor is running.



Never place cigarettes or matches into the solids bin.



Never dispose of feminine products into the solids bin. As you only want to add organic matter that will breakdown.



HOW TO USE YOUR TOILET

Start by opening the lid, spray the bowl lightly with the provided compost toilet cleaner. This will help to lubricate the bowl.

When you need to do a poo open the trap door. Pull handle straight forward away from unit. When finished close the trap door with the same motion, ensuring it is closed completely.

Push the power button. The power agitator will be active for 45 seconds, mixing the solids with the compost medium. Lightly mist the bowl again at the end. This will help to disinfect the bowl after use. Average capacity is 25-30 uses before needing to empty the solids bin.



TOILET PAPER

We recommend using biodegradable unscented toilet paper with a thickness no more than 2ply.

When using paper try and use no more than 2 to 3 squares at a time. This will ensure the toilet paper does not gather and collect into large clumps. Long lengths will catch on the agitator, stopping it from moving freely. Dispose of toilet paper used for urine in a separate bin.

DISPOSING OF SOLIDS BIN WASTE

HOW TO DISPOSE OF SOLIDS WASTE

That's the million-dollar question! There are several responsible disposal options available.

1 Simply **add the waste into a biodegradable/compostable bag and place it into a rubbish bin going to landfill.** This approach is akin to handling disposable nappies. The waste will continue to breakdown at the landfill.

Empty your solids into a **dedicated compost bin for human waste.** Please remember you have only just begun the composting process in the toilet. In just 6 to 12 months, your compost mixture will have completely broken down and become safe for the environment. However, please do not empty your compost bin on consumable plants, such as your veggie patch.

2

3 Have no access to a dedicated compost bin or rubbish bin as you are off-grid? **Dig a hole deep enough in the ground to place the solids waste.** Please ensure the waste is covered adequately so no wildlife or other individuals can access it. Always check your local municipality's guidelines and regulations, as some National Parks do not allow you to dispose of waste in the ground, or have rules on how far you need to dig down.

MANAGING LIQUID WASTE

The urine bottle will hold 9 litres.

The liquid sensor will activate as a warning when the level becomes 85% full.

We recommend emptying bottle every 24-48 hours.

Use the provided compost toilet cleaner spray bottle after each use to disinfect the surface.

Remember to only lightly mist the bowl.



Men will need to sit while using the toilet.

Lean forward.

Do not lift bowl after use.



OTHER SUGGESTED MIXTURES IF NOT USING THE PROVIDED COMPOSTING TOILET CLEANER

For lubrication, cleaning & disinfecting - use 25% vinegar & 75% water.

Cleaning the urine bottle - 1:5 ratio of liquid soap & water.

DISPOSING OF URINE

To remove the urine bottle from the unit, unlatch the side hooks and remove the drawer. Remember to lift the head of the toilet slightly before opening the drawer. This will detach the bowl from the urine bottle.

Place the bottle cap on the bottle and remove by the handle.

Empty your urine bottle either down a drain or under a tree/shrub. It's important to always follow local guidelines and regulations when disposing of waste.

The red **indicator light** should only be **on** when liquid has reached the sensor's height. The light should be off if liquid levels are below the sensor.

If the indicator light is not working correctly, check our resource centre for information on calibrating the sensitivity of the sensor.

A drain kit can be used to eliminate the usage of a urine bottle. The urine can be diverted to grey or black tank.



TIPS TO KEEP YOUR TOILET CLEAN

It is a toilet after all. We suggest weekly cleaning along with after use disinfecting. How you clean is up to you, but we have some tips.

PROPER MAINTENANCE IS
ESSENTIAL TO KEEP UNIT IN
OPTIMAL CONDITION.

To keep the urine bottle clean, use CLR® or citric acid for odour and scaling.



PREVENT MOULD

Small amounts of white mould is not abnormal. Usually a result of too much moisture. Larger amounts may need steps for better moisture control and thorough cleaning.

URINE SCALING

Urine scale can be an unpleasant and stubborn problem. Hot soapy water will help remove scale. We recommend using CLR® or a citric acid solution once a month.

PREVENT BUGS

If flies do occur, use a pyrethrum based fly spray. Spray through the hatch several times a day for several days.

USE SWABS

Cotton swabs can help reach small spaces. Using once a month can help keep moving parts free of debris.

TROUBLESHOOTING

NOT WORKING?

We've got you covered.

No need to worry.

Many times the issue is something simple.

Loose wire?

Power source charged?

Incorrect polarity?



TROUBLESHOOTING QUICK CHECK

IS YOUR FAN RUNNING?

The fan runs continuously, making it a great indicator that you have correctly installed your unit. The standard fan is quiet and sometimes is mistaken for not working. Place your hand on the fan housing and feel the vibrations.

ARE WIRES CONNECTED?

If there is no power, use the wire diagram and check all wire connections. **Hey, it happens, sometimes wires come loose in shipping.**

Lift up the WAGO clip lever to release the wire. Twist and smooth the copper wire and firmly push back into the clip and close lever. Repeat for all wires.

A low charged power source or low current supply can result in limited function.



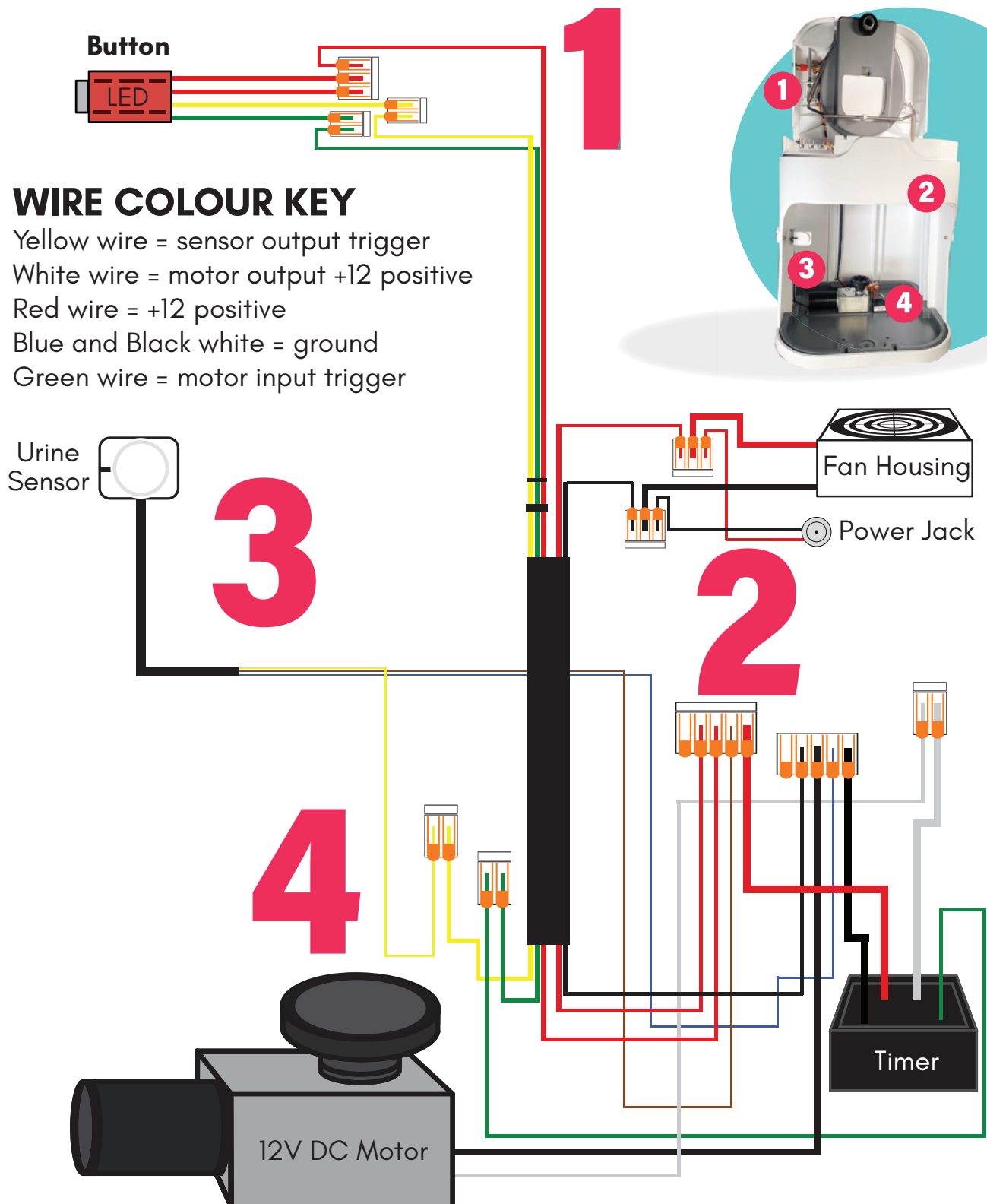
DOES THE AGITATOR SPIN?

Your power source needs to have 12 volts available and 10 amps when motor is engaged. If you are getting the correct power, but the arms are not spinning, double check cogs on the bottom of solids bin and motor. They will need to have proper connection to work.

Remember, we are here if you have questions.

WIRING DIAGRAM

OGO[™] ORIGIN





OUR PROMISE

We know that nothing is perfect, so we continue to innovate. We are open to feedback for ways to improve. We hope that product satisfaction is met, and all your toilet needs are taken care of!

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