



COMPOSTING TOILET PRODUCT GUIDE

SPLIT UNITS

SPLIT SYSTEM COMPOSTING TOILETS

For over 40 years Clivus Multrum™ has been designing and manufacturing waterless composting toilets for the Australian and New Zealand market. Originally developed in Sweden in the 1930's, Clivus Multrum™ composting toilets were the first composting toilet designs in the world to find commercial success.

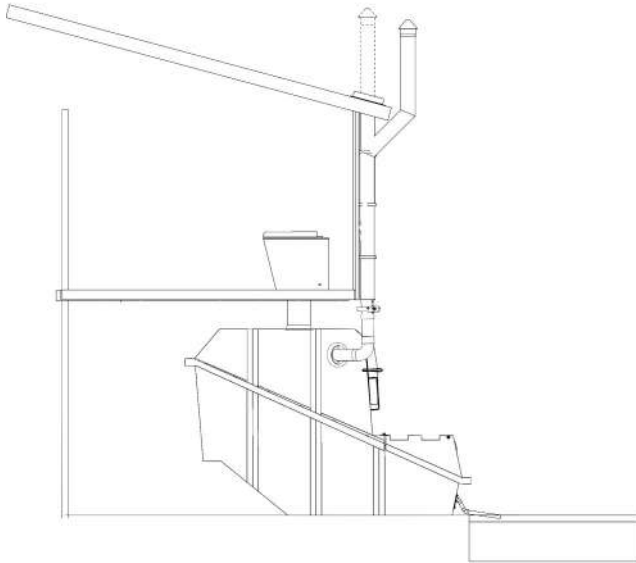
With over 40 years of proven reliability, Clivus Multrum™ toilets are one of the best choices for an environmentally conscious. Clivus Multrum's split systems are Australian Standard approved, cost-effective and easy to maintain.

CLIVUS MULTRUM



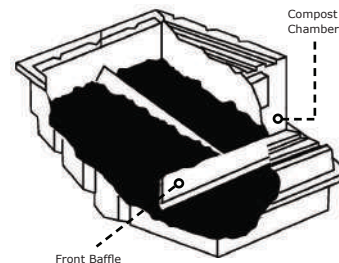
CONTINUOUS COMPOSTING SYSTEM


CM TANK



HOW DOES IT WORK?

The Clivus Multrum CM tank system is based on a "Continuous" composting process in one large tank. As the organic material decomposes it will reduce in volume by up to 80%. The compost pile is therefore always 'shrinking in the middle' whilst new material is being added to the top, and finished compost is removed from the bottom front section of the tank.



|  Australian Standard <small>AS/NZS 4840:2002 AS/NZS 4840:2002 AS/NZS 4840:2002</small> | NEW | | NEW | |
|---|---|--|--|---|
| | CM8 | CM10 | CM14 | CM40* |
| Capacity Full time | 5-7 people | 7-13 people | 9-19 people | 27-28 people |
| Uses | Daily 20 visits (average) Annual 8000 visits (approx.) | Daily 25 visits (average) Annual 10000 visits (approx.) | Daily 38 visits (average) Annual 14000 visits (approx.) | Daily 110 visits (average) Annual 40000 visits (approx.) |
| Power Usage | 12V 5W | 12V 5W | 12V 5W | 240/24/12V |
| Water consumption | Waterless | Waterless | Waterless | Waterless |
| Unit dimensions mm | 1550 L 1200 W 1300 H | 1550 L 1560 W 1100 H | 2135 L 1740 W 1200 H | 2480 L 1890 W 1720 H |
| Underfloor clearance mm | Min. clearance under floor = 1350 | Min. clearance under floor = 1160 | Min. clearance under floor = 1260 | Min. clearance under floor = 1850 |
| | Min. clearance below joists = 830 | Min. clearance under floor if buried = 960 | Min. clearance below joists = 475 | Min. clearance under floor if buried = 1600 |
| | Max. buried depth = 550 | Max. buried in ground at front = 200 | Max. buried depth = 720 | Max. buried in ground at front = 250 |
| Max. fixtures | 1 pedestal | 2 pedestals | 2 pedestals | 4 pedestals +2 urinals |
| Warranty ROTO MOULDING COMPONENT | 10 years warranty | 10 years warranty | 10 years warranty | 10 years warranty |

* Note pedestal, vent and drain kit for CM40 are sold separately.

FEATURES:

Continuous composting system means minimum maintenance

Designed and manufactured in Australia

Built to the highest Australian standards using high quality materials

Proven track record for over 40 years

Certified to AS/NZS 1546.2-2008 standards



PACKAGE INCLUDES:

- Fully assembled composting tank
- Standard waste chute with dektite
- Porcelain Palisade pedestal with soft close seat*
- Ventilation and drain kit*
- Installation kit with all components
- Starter pack
- Easy to follow installation, operation & maintenance manual



SOLAR OPTION:

40W solar package or custom solar package available to purchase



MAINTENANCE:

Residential homes: A handful of bulking agent thrown down the toilet after every solid will ensure adequate amount of carbon-rich material that composting toilets need. Apart from this all that is required is to visually check the system from time to time to ensure everything is in order. Raking of the composting pile is only necessary to occasionally level the pile.

For commercial and public use, please refer to operation and maintenance manual.



CM14 NEXT GEN



* Note pedestal, vent and drain kit for CM40 are sold separately.



BATCH SYSTEM

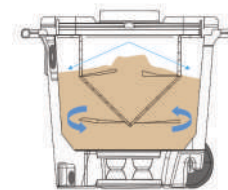
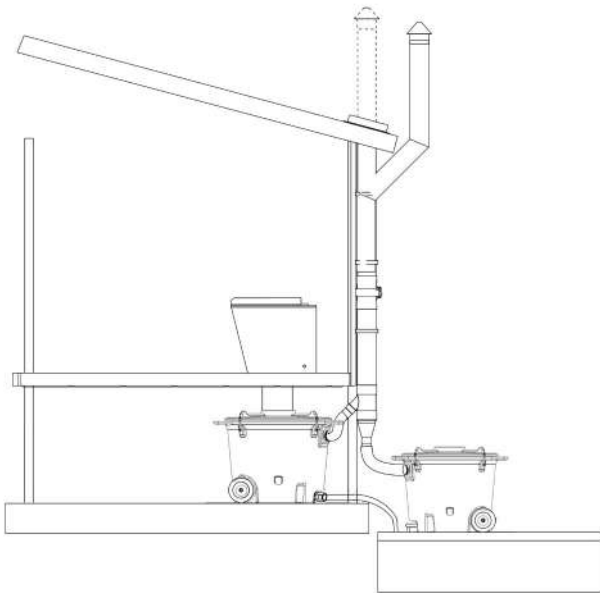
Clivus Multrum Low Profile(LP) and High Profile (HP)

HOW DOES IT WORK?

The CM LP and CM HP systems come with two composting chambers. Extra chambers can be purchased as required. Fill one, put it aside to continue composting, and place the second chamber into use. When it's time to change chambers again, the contents of the first chamber should be well and truly composted (CM HP only, based on 3 person use). You then remove the compost, put it in your garden or bury it, and re-use the chamber.

This modular "batch composting" system allows capacity to be virtually unlimited. If usage increases, buy an additional chamber and rotate the chambers more often.

Australian Innovation Patent No. 2020100970



| | | |
|---|--|---|
|  |  <p>CM LP</p> |  <p>CM HP</p> |
| Capacity Full time | 1-2 people | 3-6 people |
| Underfloor clearance mm | Min. clearance under floor: ↓ 450 | Min. clearance under floor: ↓ 750 |
| Unit dimensions mm | 630 (740 incl. handles) W x 450 H | 760 (930mm incl. handles) W x 700 H |
| Power Usage | 12V 5W | 12V 5W; Optional heater pad |
| Water consumption | Waterless | Waterless |
| Warranty ROTO MOULDING COMPONENT | 10 years warranty | 10 years warranty |

CM LP recipient of 2020 Good Design Award Winner

Clivus Multrum Low Profile (CM LP) Waterless Composting Toilet has received a prestigious Good Design Award Winner Accolade in the *Engineering Design* category and *Product Design Hardware and Building* category in recognition for outstanding design and innovation. The 2020 Good Design Awards attracted a record number of submissions with 835 design projects evaluated in this year's international design awards.



FEATURES:

A world first in its innovative design includes an in built compost mixer, increasing volume and efficiency

Designed by engineers

Australian manufactured for our own unique environmental conditions

Easy to assemble onsite and requires minimal ongoing maintenance

Higher quality - these units are built to last!

Certified to AS/NZS 1546.2-2008 standards



PACKAGE INCLUDES:

- 2 x Double-walled composting chambers with compost mixers
- Premium porcelain palisade pedestal and soft close seat
- Waste connecting chute (550 mm in length as standard but additional lengths can be supplied)
- Starter kit: 12 volt 5 watt fan in housing, 240V-12V transformer, 2 x Nature Quick Microbes, 125ml Nature Flush Enzymes, spray bottle, bulking agent and "Who Gives a Crap" toilet roll and Easy to follow DIY Installation and Maintenance manual.



SOLAR OPTION:

40W solar package available to purchase.



MAINTENANCE:

Add a handful of bulking agent to toilet after every solid use. Turn the Compost Mixer backwards and forwards once a week. Inspect the 'In-service' chamber, depends on usage, prepare another 'In-service' chamber for use once the chamber becomes full.

Refer to installation manual for detailed maintenance guide.



SUN-MAR

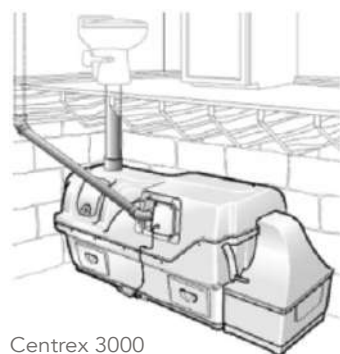
Ecoflo Wastewater Management has been distributing Sun-Mar waterless and micro-flush toilets in Australia for over 15 years. The toilets are Australian Standards certified with various State and Territory approvals. CENTREX 3000 units incorporate Sun-Mar's unique Autoflow® technology that causes compost to move automatically through the Bio-drum™ and drop into separate collection chamber.

The Centrex 3000 can be supplied as a microflush model or a waterless model.



CONTINUES SYSTEM

Centrex 3000 and Centrex 3000 NE



Centrex 3000





Centrex 3000 NE

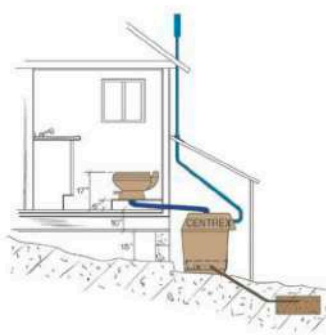
HOW DOES IT WORK?

The Centrex 3000 composting toilet works on a continuous flow design to maximise its capacity and improve the composting process. The rotation of the drum forces the compost along the length of the Centrex 3000 and into an auto-drop mechanism, which lets the compost fall into the collection housing. The drum handle can continually be rotated in a clockwise direction and allow the material to work along the drum and deposit in a separate collection box.

The Centrex 3000 NE is a low electric "NE" version with a 12 or 24V, 2W fan and transformer (if required) which is perfect for living off grid dependant on solar power.

| | | |
|---------------------------------|--|---|
| |  Centrex 3000 |  Centrex 3000 NE |
| Capacity Full time | 6 people | 6 people |
| Min. underfloor clearance mm | Waterless (Vertical drop): ↓ 1100 | Waterless (Vertical drop): ↓ 1100 |
| | Microflush (Vertical drop): ↓ 950 | Microflush (Vertical drop): ↓ 950 |
| | Microflush (Piped* - off to side): ↓ 1250+40mm/m of waste pipe | Microflush (Piped* - off to side): ↓ 1250+40mm/m of waste pipe |
| Unit rough in dimensions mm | 1820 L x 713 W x 756 H | 1820 L x 713 W x 756 H |
| Power Usage | 240V | 12V |
| Water consumption | Waterless or Microflush | Waterless or Microflush |
| Max. fixtures | 2 pedestals | 2 pedestals |
| Warranty | 3 years warranty | 3 years warranty |

*Maximum distance between pedestal & chamber is 4 metres.



FEATURES:

Can go with either microflush pedestals or waterless pedestals, purchased separately.

Centrex 3000 features a built-in heating element and fan assembly

Utilises a continuous flow design for medium residential use

Certified to AS/NZS 1546.2-2008 standards



PACKAGE INCLUDES:

- Centrex unit chamber
- Starter kit: 12 volt 5 watt fan in housing, 240V-12V transformer, 1 x Nature Quick Microbes, 125ml Nature Flush Enzymes, spray bottle, bulking agent and "Who Gives a Crap" toilet roll and Easy to follow DIY Installation and Maintenance manual.

If purchasing a Centrex system with a waterless pedestal, a **waterless kit would be required for the installation.*



MAINTENANCE:

The handle of the Bio-drum on the Centrex should be rotated clockwise every second day when the toilet is in use. It is best to leave the compost in the finishing drawer for approximately 8 weeks so that the compost can continue to process.

NATURE LOO



BATCH SYSTEM

Classic 650 and Classic 850 - the entry level of CM LP and CM HP models.

| | | |
|-------------------------------------|--|---|
| |  |  |
| | CLASSIC 650 | CLASSIC 850 |
| Capacity Full time | 1-2 people | 3-6 people |
| Underfloor clearance mm | Min. clearance under floor: ↓ 450 | Min. clearance under floor: ↓ 750 |
| Unit dimensions mm | 630 (740 incl. handles) W x 450 H | 760 (930mm incl. handles) W x 700 H |
| Power Usage | 12V 5W | 12V 5W |
| Water consumption | Waterless | Waterless |
| Warranty ROTO MOULDING COMPONENT | 10 years warranty | 10 years warranty |

FEATURES:

Double walled composting chamber

Designed by engineers and Australian manufactured for our own unique environmental conditions

Easy to assemble onsite and requires minimal ongoing maintenance

Price competitive



PACKAGE INCLUDES:

- 2 x Double-walled composting chambers
- Pedestal with standard white seat
- Waste connecting chute (550 mm in length as standard but additional lengths can be supplied)
- Starter kit: 12 volt 5 watt fan in housing, 240V-12V transformer and Easy to follow DIY Installation and Maintenance manual.



SOLAR OPTION:

40W solar package available to purchase



MAINTENANCE:

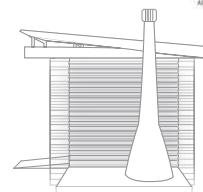
Add a handful of bulking agent to toilet after every solid use. Inspect the 'In-service' chamber, the frequency will depend on usage. The second 'In-service' chamber can be prepared for use once the chamber becomes full.

Refer to installation manual for detailed maintenance guide.

KAZUBA

Kazuba toilets – an all-in-one integrated toilet and building solution that requires no water, electricity, has no smell and doesn't need to be raised off the ground (easier handicap access). With no internal moving parts and simple robust design, the medium density polyethylene means easy installation and little to no maintenance.

The system is designed to use the sun's energy to heat the system combined with an extractor that's powered by the wind.



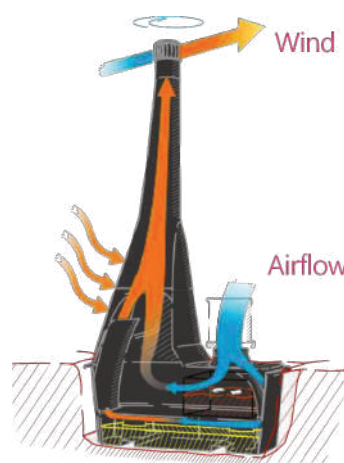
CONTINUES DEHYDRATION SYSTEM

Kazuba STK unit

FEATURES:

- Each STK unit can manage 30+ uses per day (as tested)
- Solid and liquid waste are first separated inside the system
- A constant air flow evaporates the liquids and dehydrates the solids, working to reduce odours
- Powered by the sun and the wind
- Certified to AS/NZS 1546.2-2008 standards


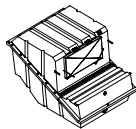
HOW DOES IT WORK?



The forced air flow:

- works to eliminate odours
- reduces waste volume, (water), by up to 90%
- kills pathogenic and promotes aerobic bacteria
- requires no additions such as straw or sawdust

COMPARISON BETWEEN KAZUBA AND CLIVUS MULTRUM WATERLESS TOILET SYSTEMS

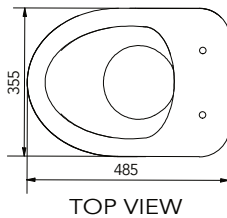
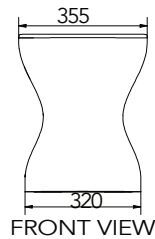
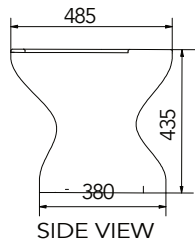
| |  Kazuba |  Clivus Multrum |
|---|--|---|
| Capacity (visits per year) | 12,000 | CM40 - 40,000 CM20 - 20,000 CM14 - 14,000 |
| Treatment Type | Dehydrating | Composting |
| Maintenance Solids removal | Basket swapping and emptying 3 monthly (depending on usage) | Humus removal 6 monthly (depends on usage) by shovel. |
| Excess fluids | By evaporation and in high usage to absorption trench or pump out | Absorption trench or recirculation/evaporation |
| Number of pedestals | 1 | CM40: 1 - 4 CM14/CM20: 1 - 2 |
| Material/chemical addition to assist process | No addition of material or chemicals required | Addition of carbon rich bulking agent such as wood shavings or straw on a regular basis. No chemicals |
| Chamber Installation | Below ground Pedestal at ground level | Above ground Height to underside of floor: CM40 - 1800mm CM14 - 800mm (partially buried) |
| Vent system | Passive convection (hot air) and wind driven turbo ventilator | Wind driven turbo ventilator or 5W fan |
| Running cost - excluding cleaning | Possible pump out if excess fluids builds up Labour to swap over baskets and empty: 3 monthly | Addition of bulking agent. \$50 per year Labour to remove humus: 6 monthly |

PEDESTAL OPTION

PORCELAIN PANDORA (INCL. SEAT)



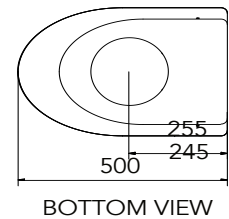
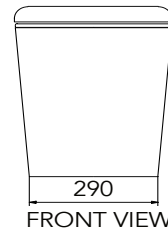
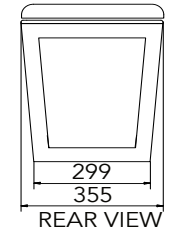
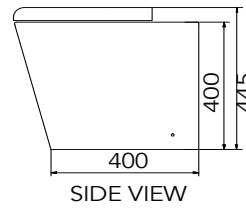
Smaller in size, perfect for narrow spaces and Tiny Homes. Durable material with a highly polished, glass-like, quality finish



PORCELAIN PALISADE (INCL. SEAT)



A premium porcelain pedestal with a modern design – elegant curves and straight back.

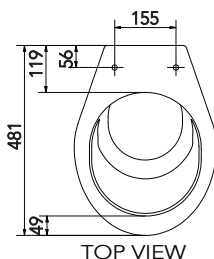
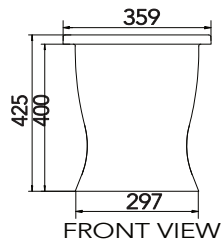
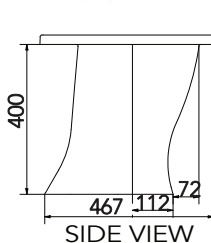


POLYMARBLE (EXCL. SEAT)



A polished interior and exterior giving a porcelain like finish, minimises soiling and is easy to clean.

Available in White, Grey & Black

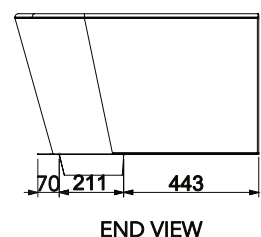
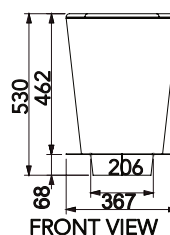
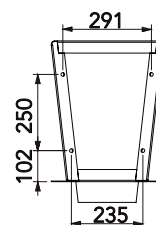
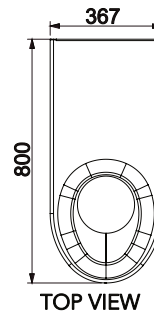


STAINLESS STEEL (EXCL. SEAT)



Ideal for public and commercial applications.

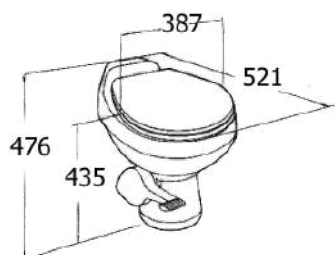
This pedestal is vandal resistant, using fully welded stainless steel. This construction provides strength, hygiene and long service life.



MICROFLUSH 510 (INCL. SEAT)



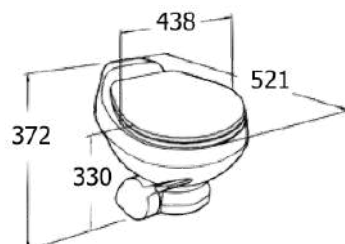
The 510 (0.5L flush toilet) has a regular sized toilet seat. Easy pedal operation enables hands-free flushing.



MICROFLUSH 511 (INCL. SEAT)



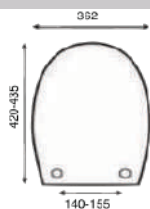
The 511 - 0.5L flush toilet, available in a low profile model can be mounted on a platform.



STANDARD PLASTIC TOILET SEAT



Available in White



Matching Pedestal: Polymarble

- Made with Technoplast, high quality polypropylene
- Solid Colour Moulding
- Universal seat with Silky Finish
- Durable and Long Lasting
- Easily removed for cleaning

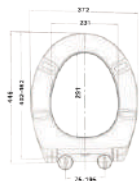
WHITE STANDARD TOILET SEAT



Matching Pedestal: Polymarble

- Universal seat with Silky Finish
- Heavy Duty ABS
- Plastic Hinges
- Durable and Long Lasting
- Easily removed for cleaning

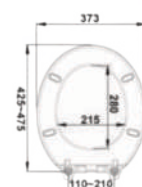
WHITE DELUXE TOILET SEAT



Matching Pedestal: Polymarble

- Top or Bottom Fixing
- Made with a Duroplast, Long lasting
- Material: Ceramic Look & Feel.
- Designed to suit most modern Toilet Suites
- Includes the 'Easy Clean Take Off' lid feature.

PREMIUM TIMBER TOILET SEAT



Matching Pedestal: Polymarble

Timber veneer toilet seat with chrome plated hinges, easily removed for cleaning, compliments our white and charcoal grey pedestals.

- Chrome plated hinges
- Solid strength moulding

HIGHLOCK ASSISTANCE TOILET SEAT

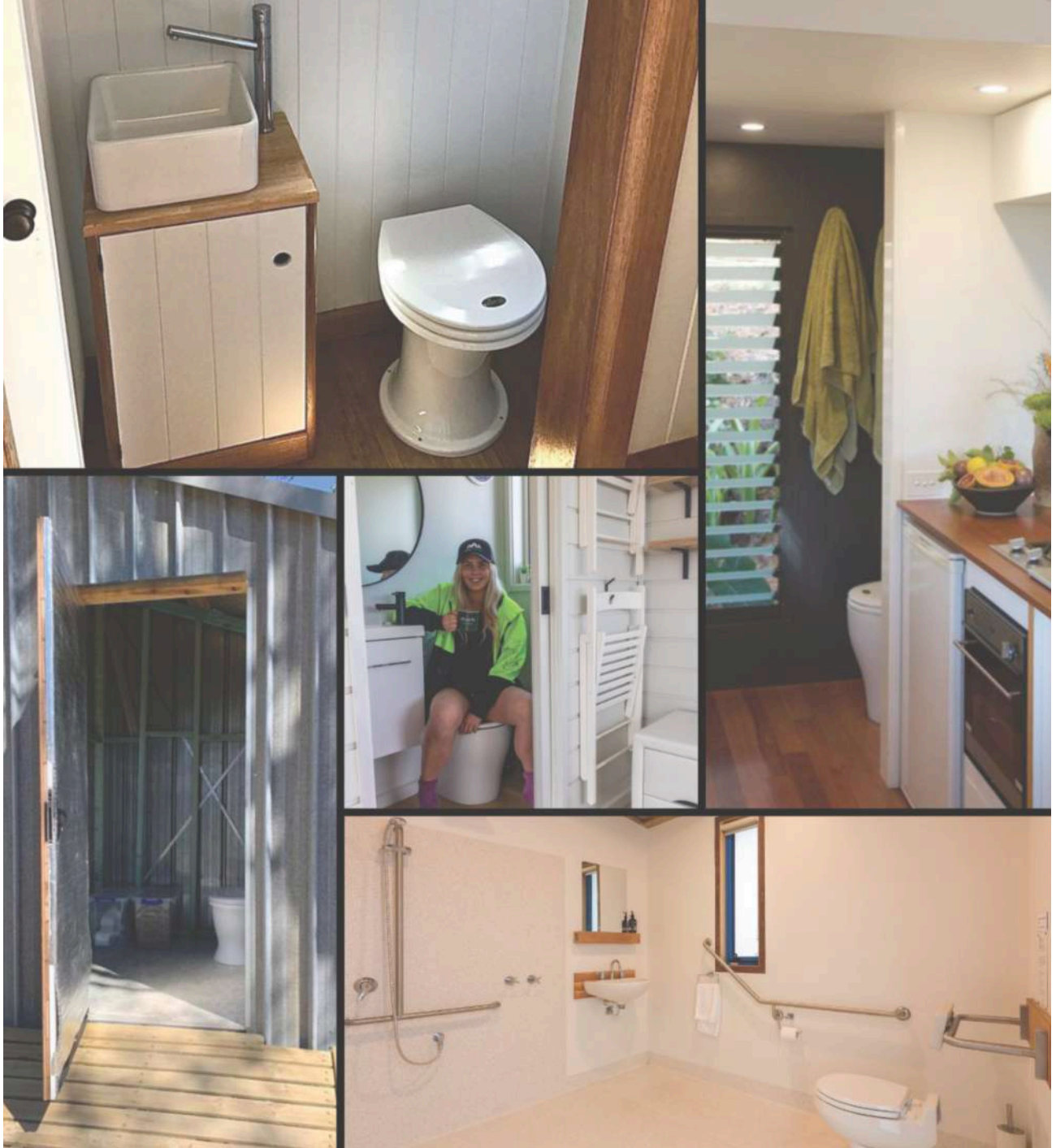


Matching Pedestal: Polymarble

Designed to assist people who require extra height, seat stability, for extra safety and capacity for larger weight and frames.

- Locking stability buffers
- Universal size fits most pans
- Hinge Material: Duroplast + Stainless





NOT YOUR AVERAGE TOILET



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