

OGO™ WATERLESS COMPOSTING TOILET

PURPOSE

Goodloos supplies the OGO™ Waterless Toilet for use as a toilet where a connection to water and drainage or septic system is not available. It can be used in:

- › houses, where permitted
- › other types of permanent or temporary domestic buildings
- › small moveable houses
- › some types of vehicles, such as campervans, motorhomes, buses
- › boats.

EXPLANATION

OGO™ Waterless Toilet is a composting toilet made from injection moulded calcium carbonate filled polypropylene for the exterior and high-density polyethylene for the interior. The rotating waste agitator is made from stainless steel.

The unit has an insect-screened air intake and a mechanical fan that provides continuous extract ventilation to the solid waste holding compartment. The liquid waste container is in a separate compartment.

The empty unit weighs 12.7 kg and has the following dimensions:

Height: 470 (mm) Width: 406 (mm) Depth: 380 (mm).

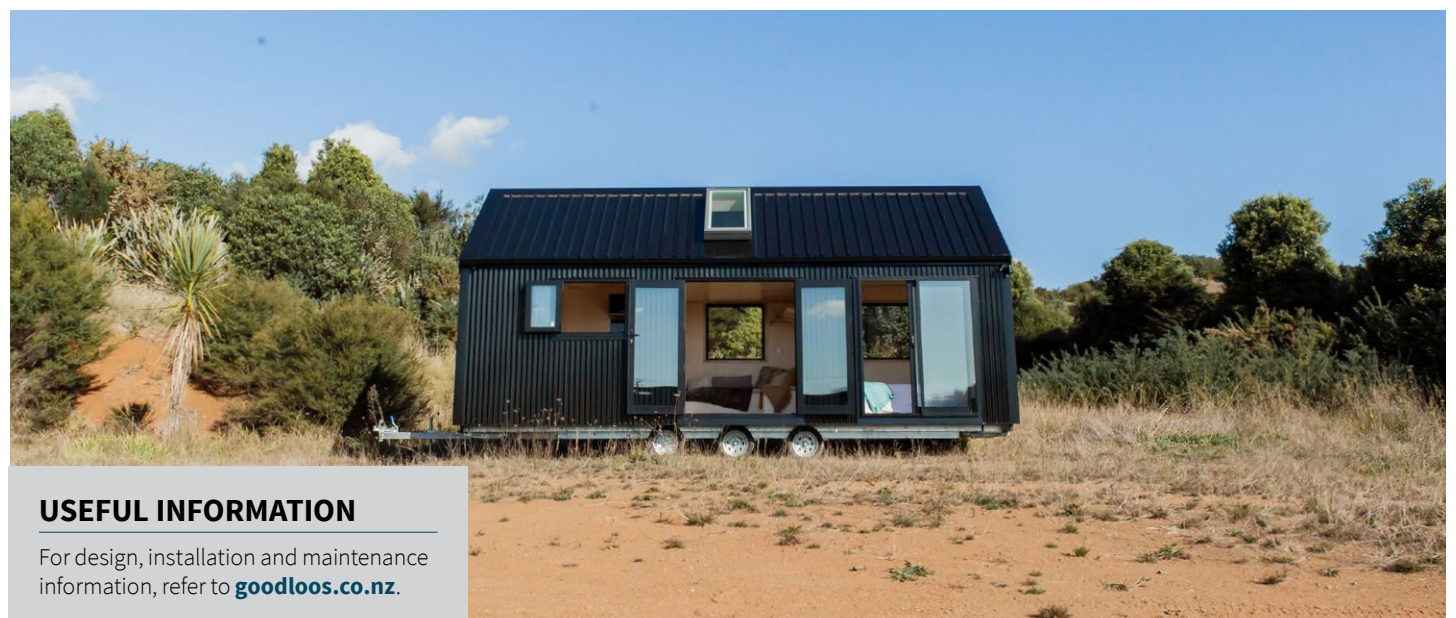


For further assistance please contact:

- ☎ +64 7 808 4095
- ✉ info@goodloos.co.nz
- 🌐 goodloos.co.nz

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Building	
With a 12 V DC power supply (battery or solar panel) or mains 230–240 V (50 Hz) electrical power supply.	› In applications where only 230–240 V (50 Hz) power source is available, a DC 12 V transformer must be used.
In applications where extract ventilation can be provided through the external wall, roof, or floor.	› The system must be installed with an appropriate external vent, for example, a mushroom vent or solar vent.
In applications where a toilet capacity for full-time use of 1 to 4 people is required or a corresponding number of people for part-time use.	› The solid waste section holds 25–30 uses (approximately 2 weeks full-time usage for two people), while the liquids container holds 9 L (approximately 2–3 days full-time usage for two people).
Where used in a dwelling, in conjunction with a urine disposal method such as a blackwater treatment system, a soak-away or soak-pit, trench drain, or storage tank.	› The system may only be installed in a dwelling where there is no available public sewer connection unless subject to a waiver of the Building Code granted by a Building Consent Authority. › Approval for the proposed urine disposal method is likely to be required.



USEFUL INFORMATION

For design, installation and maintenance information, refer to goodloos.co.nz.

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Goodloos requirements, OGO™ Waterless Toilet will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, b, c & j)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> › In accordance with the performance requirements of AS/NZS 1546.2:2008 [OGO™, n.d.a, n.d.b]. › Materials used in manufacturing have demonstrated satisfactory history of use in other toilet systems of various types [OGO™, n.d.a, n.d.b].
B2 Durability B1.3.1 (c)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> › In accordance with the performance requirements of AS/NZS 1546.2:2008 [OGO™, n.d.a, n.d.b]. › In-use history. › Materials used in manufacturing have demonstrated satisfactory history of use in other toilet systems of various types [OGO™, n.d.a, n.d.b].
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> › Materials used in manufacturing do not contain or emit harmful materials.
G1 Personal Hygiene G1.3.1, G1.3.2 (a), (b), (c), (e), (f) & (h)	ACCEPTABLE SOLUTION G1/AS1	<ul style="list-style-type: none"> › In accordance with the performance requirements of AS/NZS 1546.2:2008 [OGO™, n.d.a, n.d.b]. › Able to be easily cleaned.
G13 Foul water G13.3.4 (a), (e), (g) & (i)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> › Adequate storage capacity for treatment [OGO™, n.d.a, n.d.b]. › Ventilated to outside atmosphere. › Waste disposal methods in accordance with BRANZ Composting Toilets [18 Sept 2017].

OTHER COMPLIANCE CLAIMS

- › Contributes to compliance with NZS 5465:2001: Self containment of motor caravans and caravans; and with the Requirements for self-containment specified in the Plumbers, Gasfitters and Drainlayers (Self-Contained Vehicles) Regulations 2023 and Amendment Regulations 2024.

SOURCES OF INFORMATION

- › OGO™. [n.d.a] *OGO™ Composting Toilet Manual*.
- › OGO™. [n.d.b] *OGO™ Compost Toilet*. [Webpage]. Retrieved from <https://ogotoilet.com/product/products-ogo-composting-toilet/> [Accessed on 10/08/2022].
- › BRANZ. [18/09/2017] *Composting toilets*. Retrieved from <https://www.level.org.nz/water/wastewater/on-site-wastewater-treatment/composting-toilets/> [Accessed on 17/08/2022].

1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G(3) is the responsibility of the company that is the holder of this pass™.



SCAN OR CLICK THIS QR CODE TO ACCESS OR REQUEST THE RELEVANT SUPPORTING DOCUMENTATION FOR THIS PASS™.

goodloos.co.nz



Zorro Group Ltd (Goodloos) confirms that if OGO™ Waterless Composting Toilet is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14G(2) of the Building Act.

Date of first issue: 31/08/2022
Date of current issue: 07/08/2024
NZBN: 9429041730997

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of Zorro Group Ltd (Goodloos) has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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13 Nau Mai Road, Raglan 3295 › info@goodloos.co.nz › +64 7 808 4095 › goodloos.co.nz

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