

NATURE'S HEAD® WATERLESS TOILET

PURPOSE

The Nature's Head® Waterless Toilet is supplied 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; and boats.

NATURE'S HEAD® WATERLESS TOILET EXPLAINED

The Nature's Head® Waterless Toilet is a composting toilet made from marine-grade stainless steel and rotational moulded polyethylene. The unit has an insect screened air intake and a mechanical fan that provides continuous extract ventilation to all compartments of the toilet by creating a negative air pressure.

The unit has the following dimensions:

- › Height: 530 (mm)
- › Width: 495 (mm)
- › Depth: 486 (mm).

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Building	
With a 12-volt battery or solar panel and battery or 230-volt electrical power source.	› In applications where only a 230-volt electrical power source is available a DC 12 volt transformer may be used.
In applications where 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 60 – 80 uses (approximately 3 weeks full-time usage for two people), while the liquids container holds 8L (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.



For further assistance please contact:

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USEFUL INFORMATION:

For information on the installation and maintenance of the Nature's Head® waterless toilet and for our warranty, refer to www.toiletsnz.co.nz.

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all of Nature's Head® requirements, the Nature's Head® Waterless Toilet will meet or contribute to 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/NZS1546.2:2008. › Materials used in manufacturing have demonstrated satisfactory history of use in other toilet systems of various types.
B2 Durability B2.3.1 (c)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> › In accordance with the performance requirements of AS/NZS1546.2:2008. › In-use history. › Materials used in manufacturing have demonstrated satisfactory history of use in other toilet systems of various types.
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 requirements of AS/NZS1546.2: 2008.
G14 Industrial Liquid Waste G14.3.2 (a), (g) & (i)	ACCEPTABLE SOLUTION G14/AS1	<ul style="list-style-type: none"> › Adequate storage capacity for treatment › Ventilated to outside atmosphere › Able to be easily cleaned

OTHER COMPLIANCE CLAIMS

- › Contributes to compliance with NZS 5465:2001: Self containment of motor caravans and caravans
- › Meets all U.S. Coast Guard "No Discharge" Regulations & U.S. Coast Guard Approved type III marine head.

SOURCES OF INFORMATION

The following information was relied upon to prepare this pass:

- › Nature's Head. [2017]. Nature's Head® Self-Contained Toilet Installation Manual and User's Guide.

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 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™.



Scan or click this QR code for a full download of Compliance Documentation for this pass™.
www.toiletsnz.co.nz



Toilets NZ confirms that if Nature's Head® Waterless 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 s14 G of the Building Act.

Date of first issue: 21/05/2019

Date of current issue: 30/06/2022

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that this pass has been prepared on behalf of Toilets NZ and 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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