



Certificate of Accreditation

Sewage Management Facility

Waterless Composting Toilet System

This Certificate of Accreditation is issued by the Secretary of the NSW Ministry of Health pursuant to Clause 41(1) of the Local Government (General) Regulation 2005.

System: *Separett Villa 9000-2 & Separett Villa 9010-2
Waterless Composting Toilets*

Manufacturer: *Pink Chameleon Pty Ltd
t/a A Better Way To Go*

Of: *35 Kings Cove Blvd, Metung, VIC, 3904*

The Separett Villa 9000-2 and Separett Villa 9010-2 Waterless Composting Toilets as described in Schedule 1 have been accredited as sewage management facilities for use in single domestic premises in NSW. This accreditation is subject to the conditions and permitted uses specified in Schedule 2 and in accordance with the Waterless Composting Toilets (WCT) Accreditation Guideline, May 2010.

*A/Director, Environmental Health
for Secretary (delegation PH335)*

Issued: *5 February 2021*

Certificate No: *WCT017*

Expires: *31 December 2025*

Schedule 1: Specification

Separett Villa 9000-2 & 9010-2 Waterless Toilets

General Description:

The Separett Villa 9000-2 & Separett Villa 9010-2 Waterless Composting Toilets require no water to flush and are urine separating so that moisture in the bin is significantly reduced (by up to 75%), providing odourless operation. The urine is diverted before contact with the solid waste, via a silicone hose to a leachate trench. The toilets are supplied with 4 bins, to service 2 people full time. Each bin is lined with a biodegradable bag when it is commissioned in the toilet. With 'normal use' the bin will service 2 people for 1 month (60 'solid' uses) before being rested outside for the batching phase. A natural enzyme tablet placed on the urine separation grill, eliminates calcium build-up in the urine hose and naturally deodorises the urine pipe.

The toilets are made from polypropylene and are designed to receive and treat human waste for external composting in an approved manner onsite. No bulking agent is required during the commissioning phase (inside the home). A fan (9000-2 = 240v; 9010-2 = 12v) is included for ventilation inside the pedestal chamber to improve dehydration and provide added ambient odour control.

A privacy flap creates a barrier between the waste and the user. This is automatically activated (moved away) when the seat is depressed. Similarly, a turntable automatically rotates the bin when the seat is depressed, ensuring even distribution of the waste. An optional Absorb Pad can be placed inside the bag before addition of waste, to improve moisture absorption in cold climates.

The Villa 9000-2 and 9010-2 are supplied with one roll of 10 bags, 1 BioDrain enzyme block, 1 Absorb Pad (optional use), 2 meters of silicone urine hose, fittings, brackets and insect screens for installation and a 400mm starter PVC pipe for ventilation. (Additional PVC vent pipe to be sourced locally by the consumer.)

4 waste bins are supplied to service 2 people full time. This provides for 1 bin in use and 3 bins being batched. 3 lids are supplied with vents for the external 'batch' period to provide evaporation of moisture as the waste breaks down. At the end of 3 months, the contents of the bin should be dry, and the contents reduced by at least half. If more than 2 people full time – additional vent kits are required. Each additional vent kit will service 1 additional person. Refer to table below.

Model	Description	Number of persons full time	Power
Separett 9000-2	Waterless Composting Toilet	2	240
Separett 9010-2	Waterless Composting Toilet	2	12v with 240v transformer

Unless otherwise directed by either the local authority or the NSW Ministry of Health, the contents of the batched bins shall be composted for a further 3 months in a lidded compost bin, or buried under at least 300mm of soil, within the confines of the premises, in soil that is not to be used for the cultivation of food crops for human consumption.

Schedule 2: Conditions of Accreditation

1. General

- 1.1 For each installation the owner/occupier of the premises shall make an application to the Local Council to install a Separett Villa 9000-2 & Separett Villa 9010-2 Waterless Composting Toilets as a waste management facility in accordance with Section 68, Part C of the Local Government Act 1993 and Clause 29 of the Local Government (General) Regulation 2005.
- 1.2 Each installation application to the Local Council shall include:
 - 1.2.1 Plans and specifications of the Separett Villa 9000-2 & Separett Villa 9010-2 WCT;
 - 1.2.2 A site plan drawn to scale showing the location and type of the proposed sullage (greywater) disposal system for the premises and state the method of disposal;
 - 1.2.3 A statement detailing the proposed method of disposal of the composted product, the frequency of such disposal and the estimated volume of composted end product to be removed;
 - 1.2.4 A statement on whether the composting system is likely to produce a liquid component and how it is proposed to dispose of the liquid. The statement shall be supported by detailed plans of any necessary liquid disposal system.
- 1.3 Installation of the Separett Villa 9000-2 & Separett Villa 9010-2 WCT is restricted to the number of persons occupying the domestic premises and where in the opinion of the Local Council the nominated model of the Separett Villa 9000-2 & Separett Villa 9010-2 Waterless Composting Toilets WCT system will be capable of providing satisfactory toilet accommodation.
- 1.4 A permanent notice with basic instructions shall be affixed to the unit in a prominent position. The permanent notice shall include provision for recording the date the last time waste was added to the composting chamber.
- 1.5 The manufacturer shall supply with each system a comprehensive manual with details of the maintenance procedures necessary to ensure the efficient and safe operation of the system.
- 1.6 The Separett Villa 9000-2 & Separett Villa 9010-2 Waterless Composting Toilets WCT shall be installed and operated in accordance with the manufacturer's instructions and any conditions imposed by the Local Council.
- 1.7 All sullage / greywater shall be disposed of by means of a disposal system designed to the satisfaction of the Local Council.

2. Installation and Commissioning

- 2.1 The Local Council should require that all electrical work, where necessary, must be carried out by a licensed electrician and in accordance with the relevant provisions of AS/NZS 3000.

3. Maintenance

- 3.1 Unless otherwise directed by either the Local Council or the NSW Ministry of Health, the composted end product after at least 3 months maturation is to be disposed of by burial within the confines of the premises in soil, which is not intended to be used for the cultivation of food for human consumption. The minimum cover of soil over the deposited compost must be 100 mm.

Separett Villa 9000/9010

ACCREDITED
5 - FEB 2021
NSW MINISTRY OF HEALTH

