



Installation Manual

for the

Bio-mass Activated Filter COMPOST TOILET

**USING A STANDARD 3/6 LOW FLUSH PEDESTAL,
PLASTIC TANK AND GRAVITY DISCHARGE TO
EFFLUENT DISPERSAL AREA**

**This Manual provides the OWNER BUILDER with a step by step instructions
for the INSTALLATION of the Bio-mass Activated Filter Compost Toilet.**

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Components Required

- ❑ Bio-mass Activated Filter Unit fitted into a plastic septic tank with lid as per the Assembly Manual for a Bio-mass Activated Filter Compost Toilet.
- ❑ Compost Bin (with circular base if available) for the top of the Bio-mass Activated Filter Unit
- ❑ Hurricane Wind Ventilator and fitting brackets.
- ❑ One (1) 100mm PVC DWV Flange
- ❑ One (1) pack of compressed Coco-Peat or if not available, Peat Moss.
- ❑ One (1) bag of 4000 (1kg) compost worms and compost
- ❑ One (1) Compost Extraction Auger (if required, see P.3 of Assembly Manual) .

IMPORTANT NOTES

1. These instructions are for the installation of the **BIO-MASS ACTIVATED FILTER** utilising a **PLASTIC SEPTIC TANK**. Typical brands are **RELN** and **EVERHARD**
2. This Manual is prepared for new installations. If an existing septic tank is being converted to a **BIO-MASS ACTIVATED FILTER** then some allowance and interpretation will be required to cater for the many unpredictable situations that may be encountered and are well outside the scope of this Manual.
2. The slope of the site must be sufficient to enable the **PLASTIC** tank to drain by gravity from the base with a 1:50 continuous fall to the transpiration area.
3. Household wastes enter the system via standard plumbing and through the Compost Bin over the tank.
4. Installation of effluent transpiration mounds or absorption trenches should be carried out by a licensed plumber in accordance with local approval authority standards. It is not the purpose of this Manual to provide any detail of the building of the effluent transpiration mound or absorption trenches. Detail and design specification for design of transpiration mound or absorption trenches can be obtained in the purchased document available at [Australia Standard AS1547-2000 On-site domestic-wastewater Management](#)
5. Consult with the plumber about wastewater drainage to the **BIO-MASS ACTIVATED FILTER** paying particular attention to the fall required and pass on the details for installing the wastewater pipe into the composting tank as detailed in Section 3.
6. It is assumed that the Owner Builder installer has a basic level of “trade” skills and a range of hand & power tools that would normally be needed in the process of building a house.
7. **READ THIS MANUAL IN ITS ENTIRETY BEFORE PROCEEDING WITH THE INSTALLATION.**

THESE INSTALLATION INSTRUCTIONS SHOULD BE ADHERED TO. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY AFFECT THE SUCCESSFUL OPERATION OF BIO-MASS ACTIVATED FILTER UNIT .

PLEASE TRY IT THE WAY SUGGESTED BEFORE YOU DO IT YOUR WAY.