

INSTALLATION GUIDE

Biomass Greasetraps - UNDERGROUND MODELS

Specification

The standard duty tank is suitable for installation where any ground water table never rises above the base of the tank. Special duty tanks are available for wet areas.

It is recommended that all **Biomass Greasetrap** tanks are installed into traffic free areas. When installed into a traffic area an adequate manhole cover, traffic slab and concrete surround must be designed to prevent imposed loads being transmitted to the tank. All greasetraps must be installed upstream of any foul sewage inlet. Any manhole cover if supplied will be pedestrian duty only.

Handling and storage

The contractor is responsible for the offloading of the tank and any accessories. The tank should be lifted carefully, use straps if necessary not chains or wire ropes. Do not lift any tanks which contain water. Store the tank in a secure area on soft level ground protected from strong winds and vehicles.

Installation procedure

- If std. Unit, remove the **Biosock(s)** from the **Greasetrap** and keep them dry until installation is complete. If the automatic dosing pump and **Biofluid** optional unit has been purchased, then this is not necessary.
- Installation should be conducted in accordance with health and safety regulations, good building practice and any local regulations.
- Excavate to the tank dimensions plus an extra 150mm to each side and under the tank for concrete. Level the bottom of the excavation.
- **Maintain a completely dry excavation until the concrete surround has set.**
- Pour the base concrete into the excavation and level.
- Position the tank in the excavation and align the pipes, ensuring the higher, inlet pipe is at the upstream end. Connect the pipes from the tank to well clear of the excavation and seal the ends to allow the internal water level to rise to the top of the tank whilst pouring the concrete. Allow initial set to base concrete.
- Commence backfilling around the tank with drymix concrete at the same time commence filling the tank with clean water, ensuring the levels of concrete and water remain equal at all times. Excessive pressure from either the water or the concrete will cause the tank to distort or fail. Use only minimal compaction to remove voids. Continue backfilling until 150mm of concrete surrounds the tank.
- After the concrete has cured, remove pipe stoppers to let the water level drop to the outlet pipe level. install the **Biosock(s)** by hanging them from the hook near the top of the tank and replace the cover. If the Automatic dosing pump and **Biofluid** option has been purchased, then this should be installed inside the kitchen according to the instructions supplied with the dosing pump.

Further information can be had by calling:-

The Greasetrap Specialists!

Progressive Product Developments Ltd.

24, Beacon Bottom, Swanwick, Southampton. SO31 7GQ England.

Tel: (+44)(0)1489-576787 Fax:(+44)(0)1489-578463

Email sales@ppd-ltd.com

GB007