

The logo for 'envirogentle' features the word in a light green, lowercase sans-serif font. To the right of the text is a stylized orange flower-like icon with five petals. The entire logo is enclosed in a thin orange rounded rectangular border.

GREASE TRAP CLEANING INSTRUCTIONS

End User Grease Trap Information

The purpose of a grease trap is to contain any greases or fats, which may normally be discharged directly into the local council sewer lines. Councils are very active in the enforcement of the use of grease traps where commercial, industrial and residential premises discharge large amounts of greases and fats. It is also important that we take into account the environmental issues, where grease and fats are fouling our waterways.

Cleaning Instructions

The maintenance cycle time of a grease trap will be different in all cases, as each premises that houses a grease trap will have different levels of grease fats and oils discharge. These instructions are a guide to help you build a maintenance programme that will suit your situation:

1. After installation the contents of the grease trap should be checked at least once a week, to ascertain the thickness of grease and fats floating on top of the water in all compartments.
2. Checks should continue until there is at least a minimum of 100mm or 4" residue of grease, oils and or fats floating within the first chamber. Do not only take into account the grease thickness, you must also take into account the amount of liquid oil floating under the solid grease layer.
3. Once the grease and or oils have built up to 100mm or 4" in level, this is when you should contact your local drain layer who has the necessary drain cleaning equipment to clean out your grease trap.
4. It is at this time that you should calculate the length of time from installation to the first clean out. You should then arrange a regular maintenance contract with your local drain layer.
5. For an effective cleaning process you should pour 1 litre of HD-FS food processing cleaner in at least one night before the grease trap is cleaned out. This will help to clear the solidified grease off the chamber walls.
6. If you have any questions regarding your grease trap phone Rotational Plastic NZ Ltd in Auckland on 09 443 5880



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POLYETHYLENE 125L IN GROUND GREASE TRAP

Grease Trap Requirement as set out in Acceptable Solution G13/AS2

A grease trap shall be provided for any waste pipe servicing a sink(s) where the foul water discharges to a soak pit, in buildings other than housing, grease traps shall be provided where waste is likely to convey grease. The capacity of a grease trap shall be at least twice the capacity of all sanitary appliances discharging into it, and in no case less than 100 litres in capacity. All installations to comply with AS2/ 3.4 – 3.4.7.

Manufacturing Details:

- Polyethylene Chamber:** Rotomoulded from virgin polyethylene, which is of a type where extra rigidity is required, while maintaining its physical properties. It also contains fully formulated long term UV stabilizers. The polyethylene selected will handle, cooking oils, fats, motor oils, diesel, cleaning detergents and saps with no ill effect on the finished product. should be taken where 100% raw petrol may come into contact or flow into the polyethylene chamber. Raw petrol will cause some swelling in polyethylene (but diluted petrol water mixture will not) the chamber will not collapse, only swelling will occur.
- Lid:** The steel tread plate lid has been hot dip galvanized, this process adds to both the ascetic look, the galvanizing also gives the lid a longer lasting more durable finish. A sealed PE unit is available as an alternative.
- Screws, Rivets, Nuts, Bolts, Washers:** All fasteners used in the manufacturing process are made of stainless steel.
- Installation Recommendations:** It is not recommended that this grease trap is installed below ground within traffic areas, the lid carries a 3MPA loading. This loading covers **foot traffic only**.

Grease Trap Size:

PEGT125 125 Litre

960mm Long – 265mm Wide – 610mm High

Outlet Invert Height 510mm

Inlet Invert Height 210mm

Important Information:

For health reasons, it is not recommended that this grease trap be installed within a building as the lid is not air tight.



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POLYETHYLENE 125L FREE STANDING GREASE TRAP

Grease Trap Requirement as set out in Acceptable Solution G13/AS2

A grease trap shall be provided for any waste pipe servicing a sink(s) where the foul water discharges to a soak pit, in buildings other than housing, grease traps shall be provided where waste is likely to convey grease. The capacity of a grease trap shall be at least twice the capacity of all sanitary appliances discharging into it, and in no case less than 100 litres in capacity. All installations to comply with AS2/ 3.4 – 3.4.7.

Manufacture Details

- 1. Polyethylene Chamber:** Rotomoulded from virgin polyethylene, which is of a type where extra rigidity is required, while maintaining its physical properties. It also contain fully formulated long term UV stabilizers. The polyethylene selected to make the chamber will handle, cooking oils, fats, motor oils, diesel, cleaning detergents and saps with no ill effect on the finished product. **Special care** should be taken where 100% raw petrol may come into contact or flow into the polyethylene chamber. Raw petrol will cause some swelling in polyethylene (but diluted petrol water mixture will not) the chamber will not collapse, only swelling will occur.
- 2. Lid:** Manufactured from the same polyethylene listed above. The lid houses a rubber O/Ring around the outer edge, which gives an air tight seal, stopping smells and odours from escaping which is especially important when installed inside building.
- 3. It is recommended** that this grease trap is not installed in ground as the lid is not designed to withstand vehicle and foot traffic. (As for our in ground model).
- 4. When installing** this grease trap in a free standing position against a building it is recommended that the installer erects crash bars where applicable.

Grease Trap Size:

PEGT125F 125 Litre

960mm Long – 265mm Wide – 610mm High

Outlet Invert Height 510mm

Inlet Invert Height 210mm

OUTLET



INLET

Important Information

When installing the Free Standing Grease Trap within a building, the installer must first check with their local plumbing and drainage authority for approval.



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POLYTRAP 125L INSTALLATION INSTRUCTIONS

Installation Instructions for Below Ground Level

1. Grease Trap Sized at 125 Litre, both the inlet and outlet come standard and can be fixed to by using a 100mm PVC Rubber Connector or similar.
2. The Inlet Invert height is set at 210mm. All sanitary fixture waste outlets discharging into the grease trap must be as per local authority requirement.
3. The inlet and outlet must be fitted as per drawing with inspection cleaning access caps, enabling future rodding access in the case of a blockage.
4. Excavate hole to accommodate the grease trap and associated pipe work.
5. Lay a soft bedding compound (ie Pit Sand, or Similar) in the bottom of the hole, giving the base of the grease trap a firm and level foundation to sit on.
6. Put the grease trap in place and half fill with water.
7. Install the remainder of pipe work.
8. It is important to note that the height of the outlet determines the water level within the grease trap, in the case of the Polytrap 125L the outlet invert height is fixed at 510mm.
9. Check that the inlet height is higher than the outlet height so as water does not backflow.
10. Install a 50mm open to air vent to the local body requirements. Do not use air admittance valve as part of the vent.
11. It is important the grease trap is filled with water to service level prior to back filling. Back fill the hole around the grease trap with a suitable bedding compound and slightly tamper.
12. It is important that coarse metals or stones are not backfilled against the sides of the grease trap polyethylene wall, as long term ground movement could cause sharp objects to puncture the chamber.
13. Provide end user with the Grease Trap cleaning instructions.



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GREASE TRAP INLINE TESTING CHAMBER

The Inline Grease Trap Testing Chamber: is an excellent added product to our grease trap range. This easy access screw top lid chamber enables quick and easy grease trap outflow testing.

The plumbing and draining contractor or local council can instantly test the outflow from a grease trap to ascertain of the grease trap need cleaning out. The chamber is easily installed inline by using 2 x 100mm rubber quick connectors.



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POLYTRAP 125L INSTALLATION INSTRUCTIONS

Grease Trap Installation Profile:

- | | | | |
|---|-------------------------------------|---|-------------------------------------|
| A | 125 Litre Main Grease Trap Chamber. | H | Grease Trap Length 960mm |
| B | Rubber Connector 100mm. | I | Inlet Invert Height 210mm. |
| C | Optional Plastic or Galv Lid. | J | Outlet Invert Height 510mm. |
| D | Outlet to Vent 100mm | K | Width at Widest Point 265mm. |
| E | PVC Access Cap 100mm. | L | Height between Inlet & Vent |
| F | PVC Outlet to Drain 100MM. | M | Height between Inlet & Outlet 300mm |
| G | Grease trap Height 610mm | | |

