

# PPD BIOMASS GREASE TRAPS FOR DOMESTIC KITCHENS

As fats, oils and grease from your cooking cools, it hardens and congeals. It sticks to the inside of your drainage pipes, restricting the water flow and gradually **blocking the drain**. Using detergents or bleach may appear to help but it is only temporary as the mixture soon reverts back to thick or solid fat, forming a blockage further down the pipe.

## GREASE BLOCKS DRAINS



By installing a **PPD Biomass Grease Trap** close to your sink, you will be collecting and treating the grease before it has a chance to block your drains.

Each PPD Biomass Grease Trap is primarily an **efficient separator** - the fats, grease and oil stay trapped on the surface and water is allowed to pass from the bottom of the trap, up through a dip-pipe out to the drain.

Inside the Grease Trap, a PPD Bio-treatment dosing system creates and maintains a Biomass to eat the grease and oil converting it to mainly water and some CO<sub>2</sub>.



We offer **different dosing systems** to create the Biomass inside the Domestic grease trap as follows:-

**System A: Automatic BioFluid dosing** - a 240 volt or battery operated automatic dosing pump delivers a small amount of BioFluid from a separate container into the grease trap at 2 a.m. Every morning.

**System E: Manual BioSachet** - A soluble sachet of powder is dissolved manually in the sink late in the evening, every week for the first month, then every 2 weeks thereafter.



It is worthwhile noting that there are more than 12 bacteria strains used, **all naturally occurring, harmless strains**, chosen specifically for their ability to break down different types of fats and oils. They are also particularly beneficial to Septic tanks and sewage treatment plants and land-drain systems.

The PPD Domestic Kitchen Grease Trap is available in 2 sizes:

**Model DS10DGT** is for up to 10 meals per day in an up to 4 person household with 1 domestic-size sink and 1 dishwasher connected.

**Model DS20DGT** is for up to 20 meals per day in an up to 6 person household with up to 2 domestic-size sinks and 1 dishwasher connected.



| MODEL   | MEALS/<br>DAY | NETT<br>CAPACITY | LENGTH | DEPTH | HEIGHT | WEIGHT<br>FULL |
|---------|---------------|------------------|--------|-------|--------|----------------|
| DS10DGT | 10            | 15 Litres        | 400mm  | 300mm | 342mm  | 18Kg           |
| DS20DGT | 20            | 23 Litres        | 400mm  | 300mm | 258mm  | 26Kg           |

## PROGRESSIVE PRODUCT DEVELOPMENTS LTD

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See our website: [www.grease-trap.co.uk](http://www.grease-trap.co.uk)

# Installation

Full installation instructions are provided to allow DIY or Plumber installation. The installation mainly consists of altering your existing waste pipes to insert the grease trap between the sink and the soil pipe and connecting it with hand-tightened connectors. A suitable location close to the kitchen sink and the waste pipes is recommended. Provision must be made to access the top of the grease trap for maintenance purposes at infrequent intervals. Any support or shelf on which the grease trap is to be placed must be capable of carrying the filled weight of the grease trap as listed in the chart overleaf. The standard multi-fit 40mm compression pipe connectors are suitable for most kitchen waste pipes, if yours has 32mm or 50mm pipes then adaptors can be used.

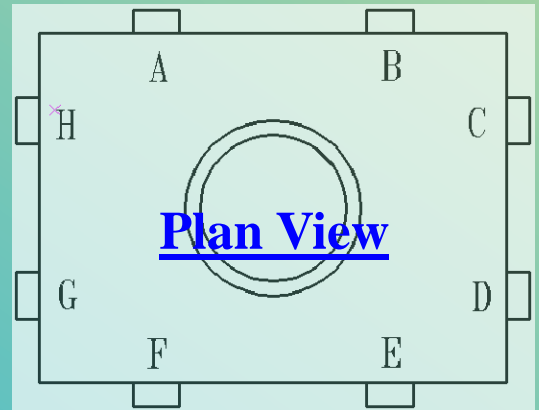
Any waste disposal units should be plumbed in downstream of the grease trap or a commercial sized unit must be installed as the waste vegetable matter will overload these compact Domestic units.

If you are using the automatic dosing pump and BioFluid, then this needs to inject the fluid into the waste pipe between the sink and the grease trap so that the fluid drains into the grease trap. A simple kit is provided with instructions to achieve this. If you use the BioSachets, these are dissolved in some water in the sink then released into the grease trap by pulling the plug.

There are 8 optional positions for the inlet and outlet - see 'Inlet/Outlet options' diagram. The standard layout is inlet at 'C' and Outlet at 'H' please be sure to specify your requirements when ordering.



## Inlet/Outlet Options



INLET & OUTLET OPTIONS

PLAN VIEW

SIDE VIEW

END VIEW

| DIMENSION CHART |        |        |        |
|-----------------|--------|--------|--------|
| MODEL           | DIM. X | DIM. Y | DIM. Z |
| DS100GT         | 155mm  | 165mm  | 255mm  |
| DS200GT         | 245mm  | 255mm  | 340mm  |

NOTE: STD. INLET - C  
STD. OUTLET - H

**PROGRESSIVE PRODUCT DEVELOPMENTS LIMITED**

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MANR: H. A. CARR  
DATE: 01.03.2009

**TITLE:**  
DOMESTIC KITCHEN GREASE TRAP  
DS100GT  
DS200GT

**CONTRACT:**

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