

PPD BIOMASS GREASE TRAPS

Patent Application No. GB0117273.3 Applies

**We Separate, trap and treat all your cooking fats, oils and greases
Protecting both your drains and the Environment.**

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.

By installing a **PPD Biomass Grease Trap**, 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 grease and oil stay trapped and water is allow to pass out to the drain. Inside the Grease Trap, a PPD Bio-treatment dosing system creates a Biomass to eat the grease and oil converting it to CO2 and water.

We offer **3 different dosing systems** to create the Biomass inside the grease trap. System A: Automatic **BioFluid** dosing, System C: slow-release **Biosock** and System E: manual dosing by **BioSachet**. Each model has it's own recommended dosing system but any of the 3 systems can be used with any model.

There is a **large range of sizes** and options to suit most installation requirements.

**GREASE BLOCKS
YOUR DRAINS**



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



Most PPD Biomass grease trap sizes are manufactured from super-strong Fibreglass which has an expected life in excess of 25 years.

Domestic Grease Trap Range: Above-ground, floor-mounted, sealed units with internal anti-syphon vent, sizes 10 and 20 meals per day (4 or 6 person household), usually installed inside the kitchen. Moulded from rigid Polyethylene with 40mm multi-fit pipe connectors.

Commercial Kitchen Biomass Grease Trap Range: Above-ground, floor-mounted, sealed units with internal anti-syphon vent, Sizes from 50 to 400 meals per day, usually installed inside the kitchen. Moulded from tough reinforced Fibreglass with 50mm multi-fit pipe connectors.

Underground Biomass Grease Trap Range: Sizes from 100 to 5000 meals per day, for installation below ground with concrete surround. Moulded from tough reinforced Fibreglass with 110mm or 160mm drain pipe connectors.

The Grease Trap Specialists!

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PPD BIOMASS GREASE TRAPS

BIOMASS DOSING SYSTEMS

BioFluid is injected into the drain upstream of the grease trap either by the automatic dosing pump (mains or battery powered options) or in concentrated form from the hand pump. 25L ready-use BioFluid lasts 6 months, 1L of BioFluid concentrate lasts 50 days.

BioSocks hang from a cord and float inside the grease trap each BioSock needs to be replaced every 4 months. Smaller models have 1 small BioSock, larger models have several large BioSocks.

BioSachets are dissolved in the sink and released into the drain/grease trap late at night. 1 BioSachet per week for the first month then 1 per fortnight.

BioFluid System A	Manual dosing pump with 1 Litre of BioFluid Concentrate
BioFluid System B	Automatic dosing pump with 25 Litre drum of BioFluid
BioSock System C	Small BioSock slow release sock
BioSock System D	Large BioSock slow release sock
BioSachet System E	Soluble BioSachet Qty 5 off
BioSachet System F	Soluble BioSachet Qty 20 off



25 Litre BioFluid



Auto-Dose Pump



BioSock



Manual BioFluid Concentrate 1L



BioSachet

DOMESTIC KITCHEN BIOMASS GREASE TRAPS

MODEL	PART NUMBER	MEALS /DAY	FLOW L/SEC	LENGTH	WIDTH	HEIGHT	INLET HEIGHT
DS10DGT	9366	10	0.15	400	300	270	160
DS20DGT	9367	20	0.3	400	300	330	230



COMMERCIAL KITCHEN BIOMASS GREASE TRAPS

MODEL	PART NUMBER	MEALS /DAY	FLOW L/SEC	LENGTH	WIDTH	HEIGHT	INLET HEIGHT
NSaKGB	9368	50	0.75	600	600	450	300
NS1KGB	9369	100	1.5	600	600	600	450
NS2KGB	9370	200	2	900	600	600	450
NS3KGB	9386	300	2.25	1200	600	600	450
NS4KGB	9387	400	2.5	1500	600	600	450
NS8KGB	9422	800	3	1170	1170	1230	880
NS12KGB	9424	1200	3.5	1670	1170	1230	880
NS16KGB	9426	1600	4	2170	1170	1230	880
NS24KGB	9428	2400	4.5	3170	1170	1230	880
NS48KGB	9430	4800	5.5	3170	1670	1730	1280



UNDERGROUND BIOMASS GREASE TRAPS

MODEL	PART NUMBER	MEALS /DAY	FLOW L/SEC	DIA - METER	HEIGHT OVERALL	INLET INVERT
NS1UGB	9371	100	1.5	700	730	250
NS2UGB	9380	200	2.0	1000	800	250
NS3UGB	9372	300	2.5	1000	1000	250
NS5UGB	9373	500	2.75	1000	1300	250
NS10UGB	9374	1000	4	1500	1250	300
NS15UGB	9375	1500	5.25	1500	1550	300
NS20UGB	9376	2000	6.5	1500	1850	300
NS25UGB	9377	2500	7.75	2000	1500	300
NS30UGB	9378	3000	9	2000	1650	300
NS35UGB	9382	3500	10.25	2000	1820	300
NS40UGB	9383	4000	11.5	2000	2000	300
NS45UGB	9384	4500	12.75	2000	2150	300
NS50UGB	9385	5000	14	2000	2300	300



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