

# BIODOSE™

The BioDose is a fully automatic dosing system suitable for dosing grease separator systems.

The system is suitable for installing either at the initial building stage or retro fitting to existing buildings.

The system consists of an enclosure, dosing pump with a fused spur.

The BioDose is to be used in conjunction with BioFax a grease digesting enzyme.



## ONE-YEAR GUARANTEE

Terms and conditions apply.



## SERVICE AGREEMENTS

It is essential this product undergoes routine servicing. Please contact our service dept. for further information.

## ACCESSORIES



Biofax

## Automatic dosing system for grease separators

BIODOSE™

**INSTALLATION GUIDELINES**

***It is important to note that these instructions are for guidance only. Please refer to the full Installation and Operating Guidelines when specifying / installing the product.***

**Siting the product**

The BioDose should be located on a wall next to the main sink or separating system. It is important that the BioDose is positioned above the appliance to be served and no more than 5m away.

**Connection to drainage system**

The BioDose should be connected to the drainage system using the fittings provided with the unit. The BioDose should inject the grease digesting enzyme into the pipeline within 1000mm of the waste pipe entering the fat trap to ensure the best possible distribution of the enzyme into the unit.

An 8mm hole must be drilled into the top of the waste pipe after the u-bend of the appliance served to which the provided saddle clamp should be fitted ensuring the drilled 8mm hole is in the centre. Once the saddle clamp is in place screw the hosedetail fitting onto the saddle clamp.

Finally cut the 9.5mm tubing to length ensuring the line from the BioDose is as straight as possible but not too tight and fix into place over the hosedetail on the saddle clamp and onto the discharge line of the pump.

**Changing the enzyme**

To change the 5 litre container of BioFax enzyme you must remove the 9.5mm tubing from the container located within the steel enclosure and lift the empty container out. Now unscrew the lid and the plastic down pipe from the container and screw into position on the new 5 litre container. Now place the container back into position within the enclosure and push the 9.5mm tubing through the lid until it reaches the bottom of the bottle. Prime the pump

using the button on the front of the pump and then close the enclosure.

**Electrical connection**

A qualified person in accordance with the Institute Of Electrical Engineers Regulations should connect the unit to the appropriate mains supply taking into account all the electrical information provided.

**IMPORTANT** – All pump systems must be used with an appropriate motor rated protection device.

**Maintenance**

The BioDose requires minimal maintenance. It is advised that when the 5 litre bottle of Biofax is changed the inlet and outlet tubing are checked for any blockages or build up of material that may impede the flow of BioFax enzyme.

**Health & safety**

As with all site work, the danger of working with water and electricity can pose a severe threat to health if obvious and fundamental precautions are not taken. Therefore if you are in any doubt regarding the installation, please contact us.

All site work must be undertaken by qualified personnel only.

These notes are for guidance only and it is for the installer to ensure the installation is in accordance with all structural and regulatory requirements.

**SPECIFICATIONS**

Model	BioDose
Power Supply	230V AC
Rated Current	0.3A
Motor Rating	5W
Frequency	50Hz
Revolutions per Minute	30rpm
Max. Discharge Length	10m
Max. Flow Rate	32ml/m
Max. Liquid Temp.	<40°C
Discharge Size	9.5mm tubing
Cable Length	5m
Weight	12kg
Colour	Cream

**DIMENSIONS**

Model	Length	Width	Height
BioDose	400mm	300mm	210mm

The Company reserves the right to make any alterations in the interest of technical development.

**For prices and additional information please contact Sales on 01442 211554**

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