

UltraFLOW

Drain Doser

Drain dosing with **UltraFLOW & Zi-GEST** Enzyme Drain Maintainer is an efficient method of grease management and will also break down other organic food matter such as proteins and starches.

UltraFLOW & Zi-GEST drain system for drain dosing is used on many sites to great effect.

Clover **UltraFLOW** is robust, **battery powered**, automatic biological-dosing system that continuously protects your kitchen drain lines from the build up of fats, oils and grease.

A measured and timed dose of **Zi-GEST** biological fluid is automatically introduced directly into grease traps, drains, gullies and other problem areas.

UltraFLOW consists of a simple peristaltic dosing pump and is used in conjunction with **Zi-GEST** enzyme digestion fluid. The **UltraFLOW** dispenser is normally wall mounted close to the source of wastewater discharge.

Regular dosing of **Zi-GEST** creates an **active grease digestion system** within your drain lines, continuously providing protection from the build up of the fats, oils, grease and proteins associated with industrial kitchen drainage.



- Fully automated
- Battery powered
- Maintains drains
- Avoid blockages
- Decreases odours
- Easy to install



CODE:DIS1170

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Zi-GEST

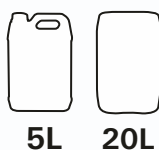
ENZYME DRAIN MAINTAINER

Zi-GEST liquid concentrate contains a carefully researched selection of enzymes to maximise performance and digest the organic food waste that builds up in waste systems.

Zi-GEST is fragrance free leaving no possibility of tainting cream or oil based cookery ingredients.

Zi-GEST is pH neutral and is safe for drains, septic tanks and cesspits.

Available in 5 Litre
and 20 Litre containers.



Digests:

- Animal Fats
- Vegetable Oil
- Cooking Grease
- Protein
- Starch



CODE:470

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How does the UltraFLOW dispenser operate?

UltraFLOW Drain Doser + Zi-GEST

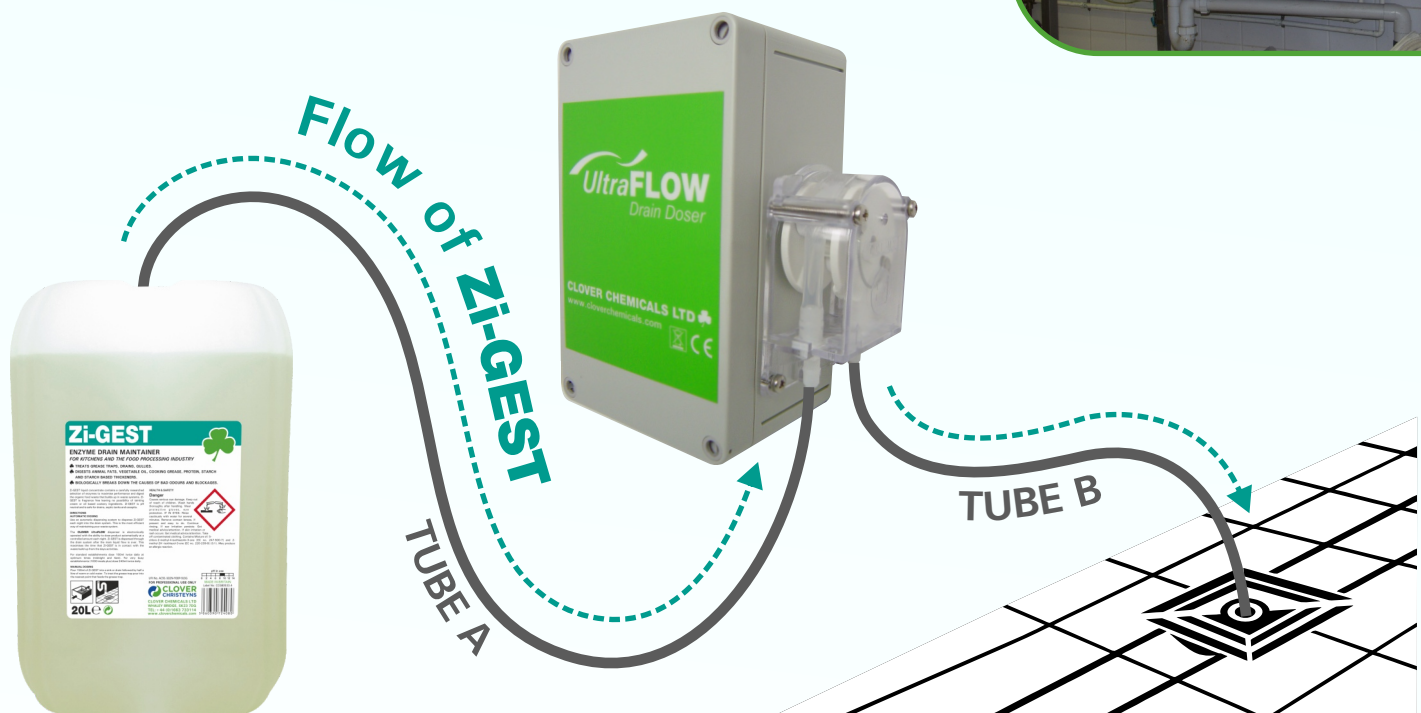
The **UltraFLOW** system will dispense a pre-determined volume of **Zi-GEST** enzyme digestion fluid into the drainage system at a pre-set time.

It is recommended that **Zi-GEST** is dispensed at a time when the drainage system is not in use.

Timing is important as alkalis and bleaches can strongly reduce the activity of the enzymes in **Zi-GEST** if they are flowing through the drainage system at the same time.

The **UltraFLOW** system has one pre-set pump activation time per day. The **UltraFLOW** system is battery powered. When connecting the battery for the first time, the systems on-board clock will need to be set allowing the user to then set an activation time and product volume setting.

The amount of **Zi-GEST** dispensed is determined by setting 1 of 9 volume settings. Each volume setting represents a different delivery volume from 100mls to 500mls per dose.



Components

UltraFLOW Drain Doser + Zi-GEST



The Unit



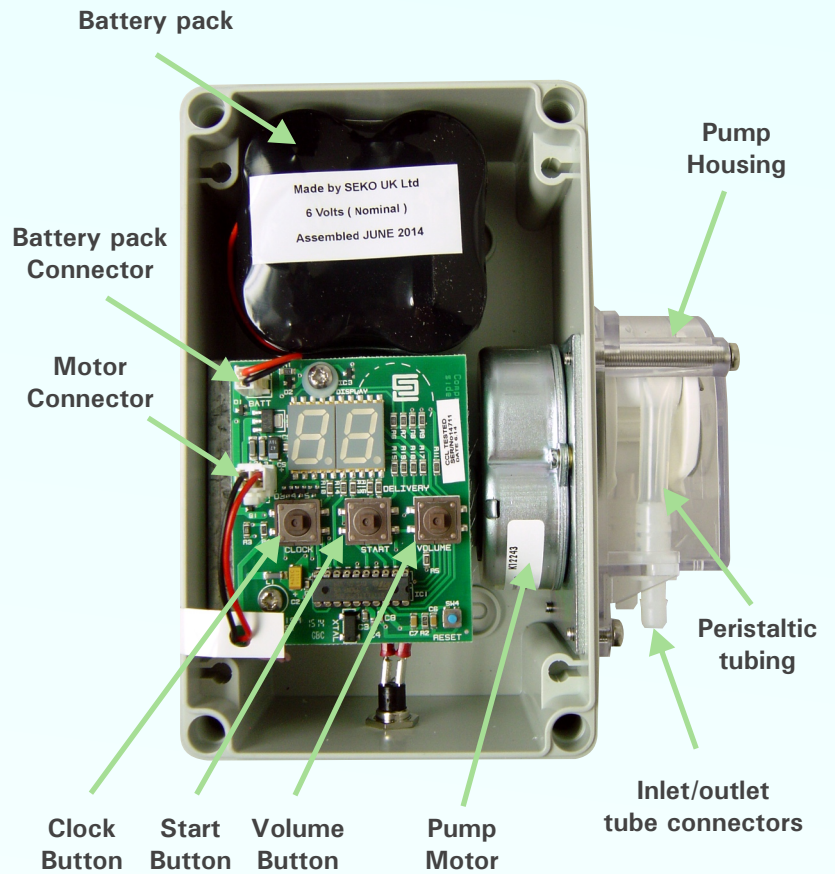
1 x 4m clear PVC tubing



1x base connector



1x black tube support.

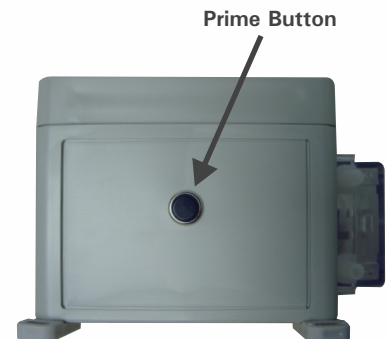


Width: 15cm

Height: 18cm



Depth: 9cm



Prime Button

Easy to install

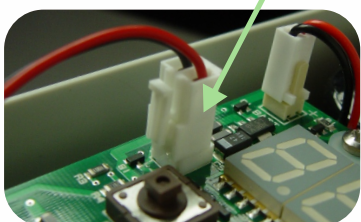
The **UltraFlow** dispenser is low voltage battery powered so the requirement for a qualified electrician is not necessary.

UltraFLOW Drain Doser + Zi-GEST

The **UltraFlow** dispenser is supplied with the motor disconnected. Always plug in motor connector before use.

(See components list to help locate the motor connector on the control board.)

Motor Connector



Locate the **UltraFLOW** dispenser as close to the chemical container as possible, ideally trying to avoid direct heat, moisture or steam.

The fixing holes in each corner of the dispenser should be used to fix the enclosure to the wall.



Measure and cut the clear tubing into appropriate lengths:

TUBE A - connects the container of **Zi-GEST** to the **UltraFLOW** unit.

TUBE B - connects the **UltraFLOW** unit to the drain/waste pipe/grease trap.



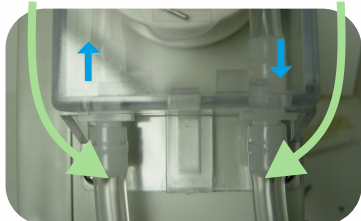
Take **TUBE A** and slide the black tube support over the container end of the tubing, then on the end of the tubing, apply the base connector and place into a container of **Zi-GEST**.



Connect **TUBE A** from the chemical container to the **inlet** connector of the pump.

Connect **TUBE B** from the pump **outlet** to waste pipe or grease trap.

Inlet **Outlet**

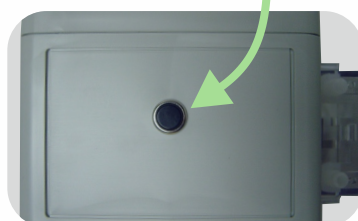


To ensure maximum results it is recommended that the **UltraFLOW** outlet is connected to the waste pipe after the last discharge point (usually a sink) just ahead of any grease trap.



Press the **prime** button on the underside of the unit to fill the tubing with chemical.

Prime Button



Programming the Unit

UltraFLOW Drain Doser + Zi-GEST

Access the Control Board

To access the control board, remove the front casing by unscrewing the 4 plastic screws in each corner.



How to Check the clock setting

To check the clock press and hold the **Clock Button**, the display will show the current hour of day.
NOTE the clock only displays hours.

How to Adjust the clock setting

To set the clock press and hold the **Clock Button**, after 5 seconds the hours will increase, let go of the button when the hour required is displayed.
Always set the clock to the nearest hour.

How to Check the delivery start time

Press the delivery **Start Button**. The display will show the delivery start time in hours. (a dot will also be displayed to distinguish this from the clock display)

How to Adjust the delivery start time

To change the delivery start time press and hold the delivery **Start Button**, after 5 seconds the start time hour will increase, let go of the button when the start hour required is displayed.
NOTE the clock only displays hours.

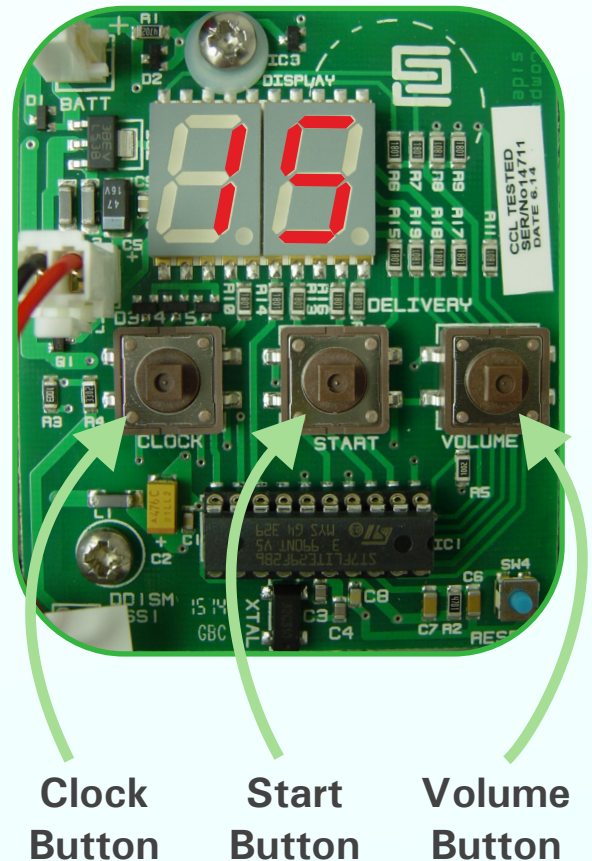
How to Check Delivery Volume Setting

Press the delivery **Volume Button**. The display will show the delivery setting (from 1 to 9). Each number represents a different delivery volume as shown in **Table 1**.

How to Adjust Delivery Volume Setting

Press and hold the Delivery **Volume Button** until the required volume number is displayed. Each number represents a different delivery volume as shown in **Table 1**.

The Control Board



Clock
Button

Start
Button

Volume
Button

Table 1

Delivery Volume Settings

1.	100mls	6.	350mls
2.	150mls *	7.	400mls
3.	200mls	8.	450mls
4.	250mls	9.	500mls
5.	300mls		

* Recommended setting for
standard establishments