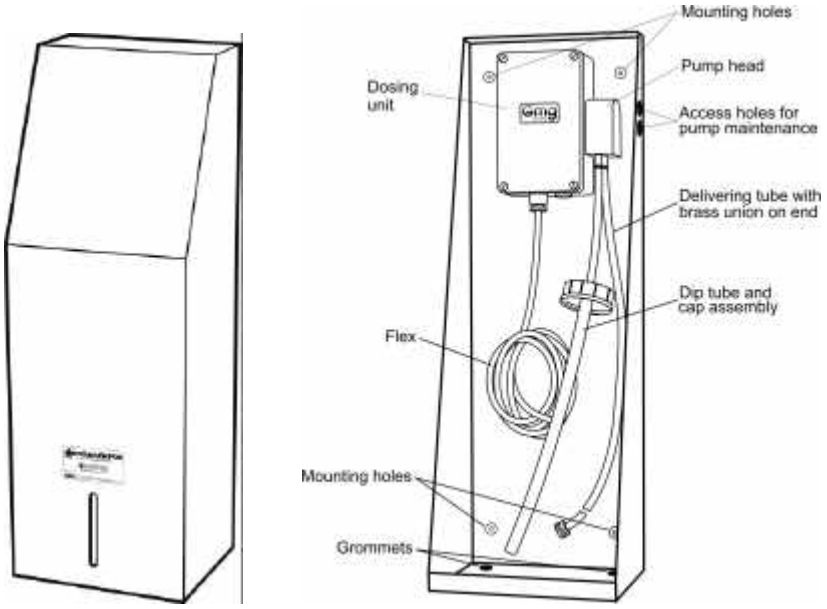
Endura BioPak Installation Instructions

BioPak Components



General Information

Your Endura BioPak is supplied complete with 2 metres of electrical flex and 4 metres of delivery tubing. Remove all packaging including any intermediate packing pieces .

Take some time to decide on an appropriate location for the BioPak taking into account the following:

- an appropriate wall capable of carrying the cabinet.
- the location of a continuous 240V AC power supply.
- the location of your grease interceptor or its upstream waste piping.
- ease of access for maintenance and replenishment of Bio-G liquid digesting media.

If at any stage you are unsure of how to proceed with your installation, please call GMG Ltd on 01926 432030 for further advice and/or assistance.

Wall Mounting of the BioPak

Secure the cabinet to a suitably sound wall ensuring that the cabinet will not cause an obstruction and that the cover can be easily removed for maintenance, replenishment and/or programming.

Electrical Connection.

SAFETY FIRST: It is strongly recommended that all electrical installations are performed by a qualified electrician, in compliance with current electrical installation regulations and standards.

Your Endura BioPak dosing pump requires a 240V AC electrical supply. We would suggest where possible that a non-switching, fused spur be used. Alternatively a suitably located socket would be sufficient provided that this does not get switched off.

Remove front cover to dosing unit and check that the clock reads the correct time, if not please re-programme the unit as outlined on the reverse of this sheet. Thread the flex through grommet in base of cabinet and cut to length prior to connecting. On switching on the supply to the Bio Pak the dosing unit will automatically prime the system by dosing for 45 seconds.

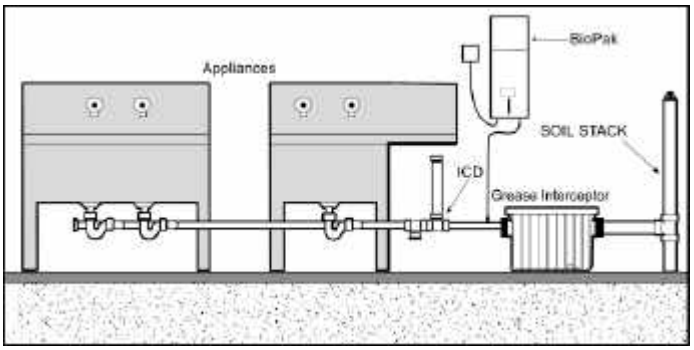


Fig 1 – A typical BioPak Installation.

Connection to Interceptor or Waste Pipe

The Endura BioPak is supplied with a 1/8th BSP threaded brass union on the end of a four metre length of delivery tubing.

Remove this union and thread the tubing through the second grommet in the base of the unit.

Carefully drill a 9mm hole in the **top** of the waste pipe upstream of your grease interceptor, and screw in the union taking care not to over-tighten it. A small amount of silicon sealant will ensure a leak proof installation. Ideally the point chosen to insert the union from which the Bio-G will enter the waste pipe, should be as close as possible to the grease interceptor itself (downstream of the ICD) and at a maximum of 2 metres from the interceptor.

Cut the delivery tubing to length ensuring that the route of the tubing will not obstruct any other operations in the kitchen. Secure tubing if necessary and carefully reconnect to brass union.

Bio-G Dosing

Your BioPak comes complete with a 5 litre starter supply of Bio-G liquid digesting media, which will last for approximately one month *(Note: This is supplied in a 12.5 litre container allowing economical future replenishment of Bio-G).*

Carefully remove the cap on the Bio-G container and insert the dip tube and cap assembly. Screw this down tightly.

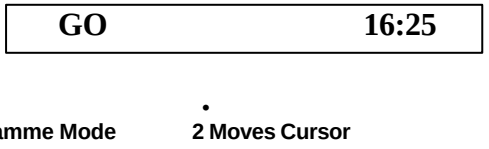
The Endura BioPak is now set to dose your grease interceptor. When you require replenishment of Bio-G digesting media or if you need technical assistance regarding an installation, please call GMG Ltd on 01926 432030.

Programming the Dosing Pump

The Endura BioPak dosing pump has been pre-programmed to dose 150ml of Bio-G liquid at 12.00 midnight. This time has been selected as in our experience it is likely that the drainage system will not be in use or the load will be minimal at this time. This is important as the Bio-G digesting media must be allowed to enter and work within the interceptor for a period of time rather than being 'flushed through' under normal use.

If for any reason you need to re-programme the system please follow the instructions below:

Remove the front cover of the dosing pump where you will find three programming buttons located beneath the LCD screen.



Programme Mode button - scrolls between setting screens.
Moves Cursor button - moves cursor between hours and minutes.
Hours and Minutes button - scrolls numbers when programming.

1. SETTING THE TIME

Press Button 1 once. The display will show **'Set Clock 16:25'**. Use Button 2 to move the cursor between the hours and minutes. Button 3 will change the time shown. The timer clock is a 24 hour clock.

2. SETTING THE DOSING START TIME

Press Button 1 again. The display will show **'ON 1 at hour 01' (Or another number)**. Use Button 3 to change the hour so that the display reads to **'ON 1 at hour 00'**. This programs the dosing unit to start dosing at midnight.

3. SETTING THE DOSING TIME

Press Button 1 again. The display will show **'For min:s 00:00'**. Use Button 2 to move the cursor between minutes and seconds. Use Button 3 to set the dosing time for 45 seconds, that is the display should show **'For min:s 00:45'**.

If you require a larger dosage of Bio-G to be dosed at the specified time, set this by continuing to press Button 3 scrolling between minutes and seconds as required.

4. SECOND DOSING CYCLE

Press Button 1 again to set the second dosing cycle. This is not normally necessary, however if it is required, repeat stages 2 and 3 above.

5. TO OPERATE.

Press Button 1 for the final time and the display will show **'GO 16:30(Current time)'**. Replace the cover on the dosing unit, which will now operate according to the programming.