

# BLÜCHER® Grease Separators

Product Catalogue for grease separators



**BLÜCHER®**

K E E P I N G   U P   T H E   F L O W

STAINLESS STEEL DRAINAGE SYSTEMS

## Installation Guidelines

BLÜCHER Grease Separators should ideally be placed no further than 6-8 metres from the last fixture discharging into the unit. Provided the falls are adequate, this will reduce the likelihood of grease solidifying in the pipework system before reaching the separator.

Waste from macerators and peelers should not normally be discharged into the separator as this will result in a rapid build up of sludge, necessitating more frequent emptying.

Pipework to and from the separator should have generous falls and have the minimum number of bends possible. Outlet pipework should be as large a diameter as possible and not smaller than the inlet pipework. Venting of outlet pipework is recommended.

Inlet and outlet connections are compatible with 110mm diameter PVCu and stainless steel Europipe. Standard adapters to other pipework materials (e.g. cast iron, clay) are provided by the respective manufacturers.

BLÜCHER Grease Separators comply with Building Regulations by meeting the requirements of the relevant BS Codes of Practice for Above and Below ground drainage.

Certain cleaning agents (chlorine, bleach etc.) hinder digestion and should not be discharged into the separator.

## Sizing and Selection

BSEN 1825 has details of sizing based on meals per day that the establishment is likely to provide. If the number of meals served per day is known this can be used to select the right sized grease separator from the table below. Contact BLÜCHER technical services for other types of establishment.

## Specials

In addition to the standard range of BLÜCHER Grease Separators purpose made units can be made to suit specific customer requirements.

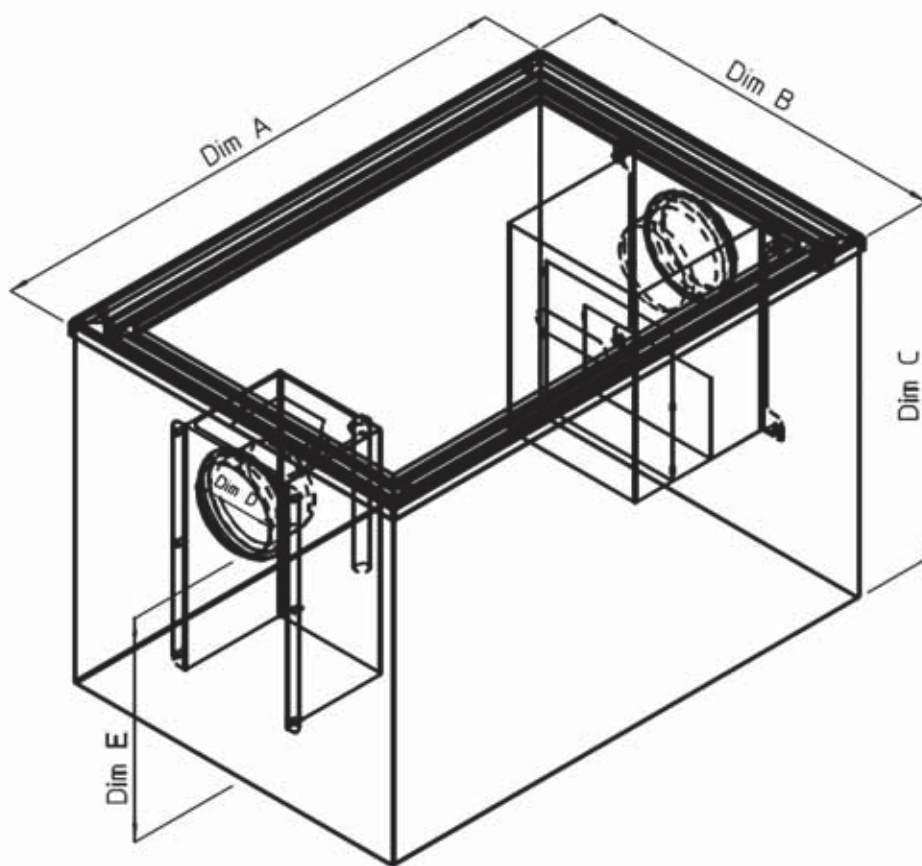
## Dosing Methods/Procedures

To operate properly BLÜCHER Grease Separators must be dosed regularly with a Liquid Digestion Media (LDM).

The LDM should be introduced manually or automatically (with an Automatic Dosing Unit) at the end of a shift/day.

**Manual Dosing** – The LDM can be introduced via a sink which discharges into the grease separator and then flushed into the unit.

**Automatic Dosing** – The installation of an Automatic Dosing Unit (ADU) allows for optimum dosing by introducing LDM in a predetermined quantity at the most appropriate time of the day. Mains or battery operated ADU's are available.



Type No	Model	Net Volume (litres)	A (mm)	B (mm)	C	D (mm)	E (mm)	net vol (litres)	No of meals per day (EN1825 based on restaurant open 12hrs a day)	Recommended dosing media ml/day
970.035.110 A	Above Ground	57	684	578	289	110	145	44	35	100
970.085.110.A	Above Ground	57	684	578	289	110	145	110	85	100
970.160.110.A	Above Ground	113	756	506	502	110	300	205	160	150
970.210.110.A	Above Ground	113	756	506	502	110	300	275	210	200
970.035.110.B	Below Ground	189	756	506	702	110	500	44	35	100
970.085.110.B	Below Ground	189	756	506	702	110	500	110	85	100
970.160.110.B	Below Ground	250	1006	506	702	110	500	205	160	150
970.210.110.B	Below Ground	250	1006	506	702	110	500	275	210	200

With 40 years experience in the manufacture of stainless steel drainage products, BLÜCHER Grease Separators have been developed in co-operation with some of the leading authorities in the subject of environmental pollution control.



All separators come complete with built in dosing point

Socket inlet and outlet are recessed to save installation space

Outlet comes with built in rodding point

**Effective Grease Control**

BLÜCHER Grease Separators are a modern evolution of the traditional grease / fat trap which required emptying at least weekly. The theory behind BLÜCHER Grease Separators is that they should act as a point of treatment for a Liquid Digestion Media (LDM). The digestion media can be introduced either manually or automatically.

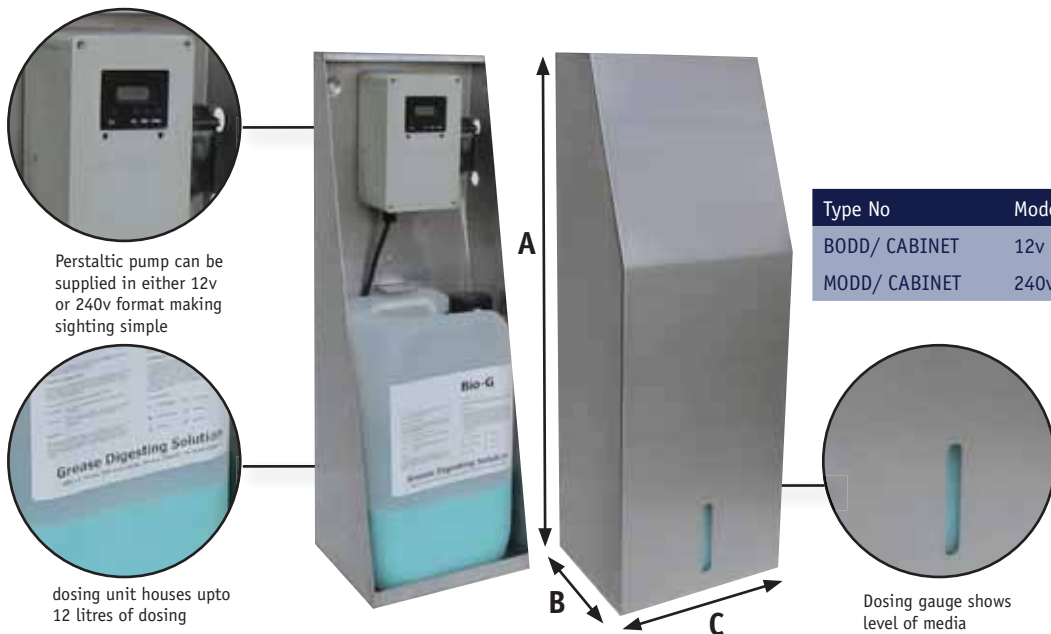
**How a BLÜCHER Grease Separator works**

There are three stages within the operation of a biological grease separator:

**Separation** – Waste water from sinks, dishwashers etc. enters the separator where a series of baffles separate out the transported grease and oil. The fats are then retained within the separator while the water drains away.

**Digestion** – The Digestion Media is fed into the BLÜCHER Grease Separator and then converts the grease into harmless digestion products. This process reduces the need to empty the unit frequently, with servicing only required to remove the build up of sludge from food particles etc.

**Removal** – The harmless digestion products are carried away with subsequent waste water which passes through the unit.



Peristaltic pump can be supplied in either 12v or 240v format making sighting simple

dosing unit houses upto 12 litres of dosing

Dosing gauge shows level of media

Type No	Model	A (mm)	B (mm)	C (mm)
BODD/ CABINET	12v battery	710	220	250
MODD/ CABINET	240v mains	710	220	250

# BLÜCHER®

BLÜCHER employs over 300 staff who, through commitment and know how have developed a range of high quality stainless steel drainage systems which is sold throughout the world.

For more information on you local supplier log on to [www.blucher.co.uk](http://www.blucher.co.uk)

**BLÜCHER® EuroPipe**

**BLÜCHER® Channel**

**BLÜCHER® Drain**



KEEPING UP THE FLOW