

# BLÜCHER® 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 pipe-work 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.

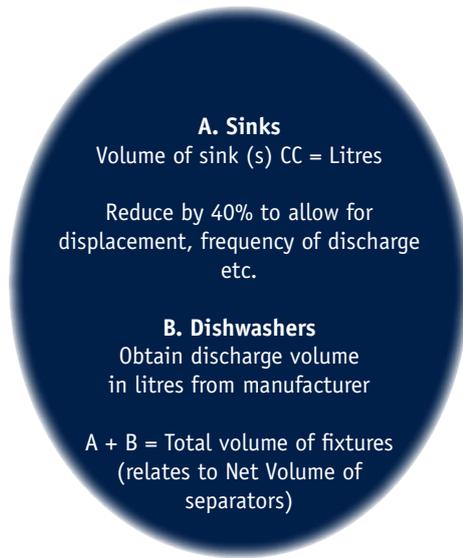
Inlet and outlet connections are compatible with 110mm diameter PVCu and stainless steel Europipe. Standard adapters to other pipework materials (e.g. cast iron, clay) are provided by the respective manufacturers.

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

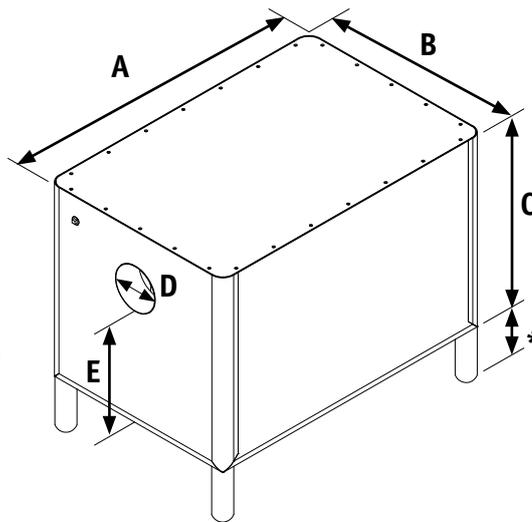
Certain cleaning agents (chlorine, bleach etc.) hinder digestion and should not be discharged into the separator.

## Sizing and Selection

To determine the appropriate size of BLÜCHER Grease Separator the total volume of fixtures discharging into the separator should be calculated.



Where existing pipe invert levels dictate the need for dimension 'E' (see table below) to be site specific, please quote the required dimension.



Above ground separator has a smooth cover plate and is supplied with height adjustable feet which increase dimension 'C' by 100 - 125mm.

Below ground separator has a non-slip cover plate (pedestrian duty) and is supplied with-out height adjustable feet.

## 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 actual dosing rate is determined by a number of factors (No. of meals, No. of discharge units, capacity of grease separator etc.) but daily dosing is generally considered suitable.

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

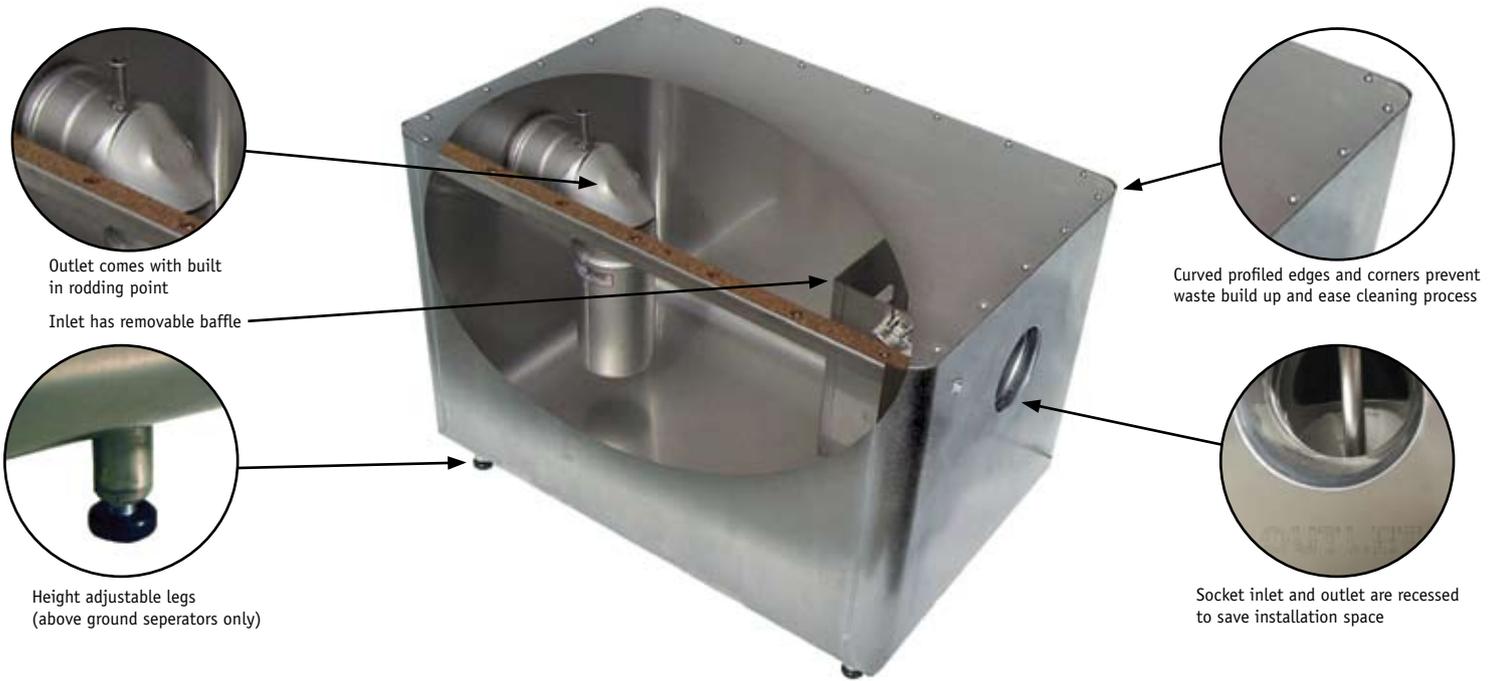
**Manual Dosing** – The LDM can be introduced via a sink which discharges into the grease separator and then flushed into the unit.

**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 (mm)	D (mm)	E (mm)
970.070.110 AR	Above Ground (Mini)*	57	684	578	289	110	145
970.070.110 BR	Below Ground (Mini)	57	684	578	289	110	145
970.090.110 AR	Above Ground (Standard)*	113	756	506	502	110	300
970.090.110 BR	Below Ground (Standard)	113	756	506	502	110	300
970.135.110 AR	Above Ground (Midi)*	189	756	506	702	110	500
970.135.110 BR	Below Ground (Midi)	189	756	506	702	110	500
970.180.110 AR	Above Ground (Maxi)*	250	1006	506	702	110	500
970.180.110 BR	Below Ground (Maxi)	250	1006	506	702	110	500

\* Above ground Grease Separators come complete with height adjustable legs 100 - 125mm

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.



**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.

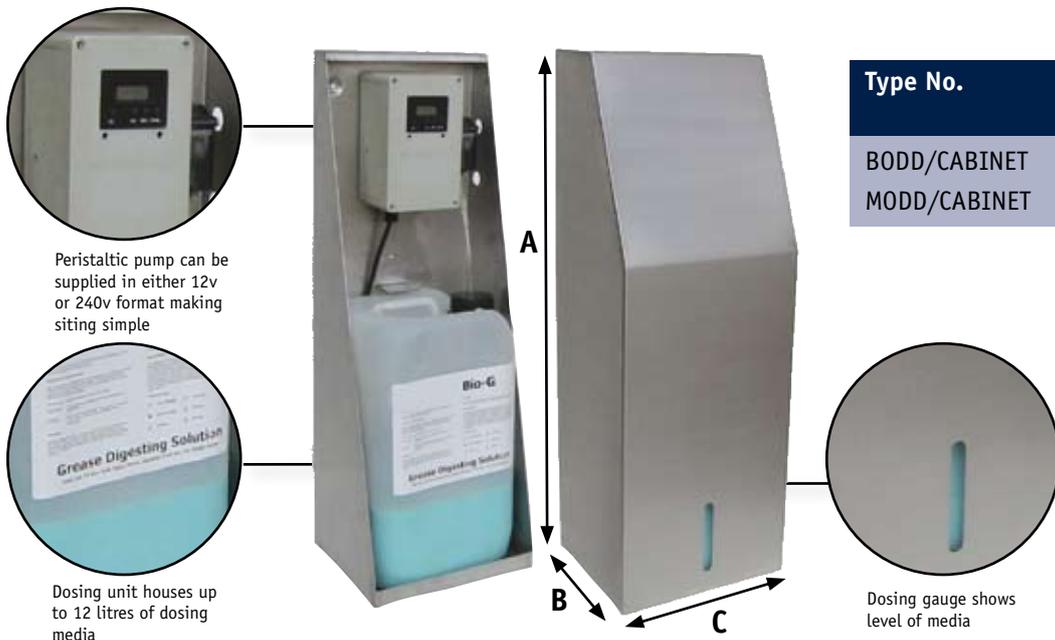
**How a BLÜCHER Grease Separator works**

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

**Separation** – Waste water from sinks, dish-washers 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.



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

# BLÜCHER®

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we develop, produce and market high-quality stainless  
steel drainage solutions for customers within the housing,  
commercial, industrial and marine sectors all over the world.

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