



"Simply Better Drainage!"

www.herbish.co.za

Herbish® Drainage Systems has been involved in the design and manufacture of stainless steel floor drains, grease traps, strip channels, shower channels, and linear floor channels for over 20 years.

Specified by architects, engineers and plumbers, our comprehensive range provides high quality drainage solutions requiring minimum maintenance and offering maximum corrosion resistance.

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Note: In our quest to continuously improve our products, some designs and sizes may be slightly adjusted.



HBGT

UNDER COUNTER GREASE TRAPS

A grease trap, or grease interceptor, separates oil and grease from waste water before it enters the sewer network where it will solidify on the internal walls of the pipes and eventually block the line.

This not only will result in costly pipe replacement and unblocking charges but will cause the hazardous overflow of the sewer drains. Grease traps have been around since the late 1880's and have changed little since then.

Herbish® Drainage Systems, while still using the original concept, have further improved the simple design by using 304 stainless steel as construction material, incorporating top quality lid seals to eliminate odours emanating from the trap, ergonomic handles and positive locking down latches.

The Herbish® GT range of grease traps are manufactured with 50mm legs, to lift the unit off the ground for ease of cleaning as standard, but an option for 150mm legs is also available. The legs have rubber feet inserts to prevent the trap from sliding.

A NOTE ON INSTALLATION OF A GREASE TRAP

1. The grease trap must be located as close as possible to the source for the following reasons:

- a. The pipe that runs between the source and the interceptor should be kept as short as possible to minimise potential blocking.
 - b. Because kitchen waste water is relatively hot, the grease is free to separate from solids in the effluent. If the grease is allowed to coalesce with the solids, it may form heavy globules which sink to the bottom of the interceptor and be washed out to the sewer.
2. The grease interceptor should be installed in a place where it can be safely and easily maintained. Careful consideration must be paid in respect to cover clearances and basket removal.
 3. The Herbish® GT grease traps should be used in conjunction with a Herbish BIO Dispensing Unit and Herbish® BIO Fluid.

HBGT — UNDER COUNTER GREASE TRAPS



HBGT300



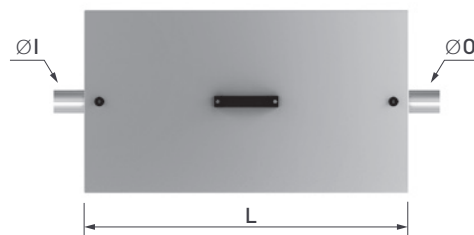
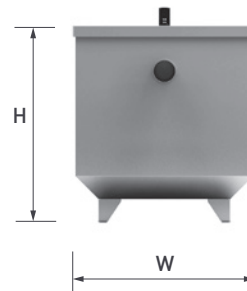
HBGT400



HBGT500

HBGT500SC
SOLID CATCHER

HBGT700



GREASE TRAP DIMENSIONS

	HBGT300	HBGT400	HBGT500/SC	HBGT700
W	300mm	300mm	400mm	400mm
L	300mm	400mm	500mm	700mm
H	300mm	400mm	400mm	400mm
H1/H2	200mm	300mm	270mm	270mm
LH	50mm**	50mm**	50mm**	50mm**
I	50mm	50mm	50mm/110mm*	50mm/110mm*
O	50mm	50mm	50mm/110mm*	50mm/110mm*

(Optional Outlet Diameter * 150mm Leg Height Available on Request**)

GREASE TRAP FLOW RATE

HBGT MODEL	FLOW RATE
HBGT300	10 Litres/min
HBGT400	20 Litres/min
HBGT500 / SC	25 Litres/min
HBGT700	35 Litres/min

GREASE TRAP WEIGHT

HBGT MODEL	Weight (Kg)
HBGT300	5
HBGT400	10
HBGT500 / SC	12
HBGT700	13





HBGT

HEAVY DUTY GREASE TRAPS

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Herbish® Drainage Systems, while still using the original concept, have further improved the simple design by using 304 stainless steel as construction material, incorporating top quality lid seals to eliminate odours emanating from the trap, ergonomic handles and positive locking down latches.

The Herbish® GT Range of grease traps are manufactured with 50mm legs, to lift the unit off the ground for ease of cleaning as standard, but an option for 150mm legs is also available. The legs have rubber feet inserts to prevent the trap from sliding.

A NOTE ON INSTALLATION OF A GREASE TRAP

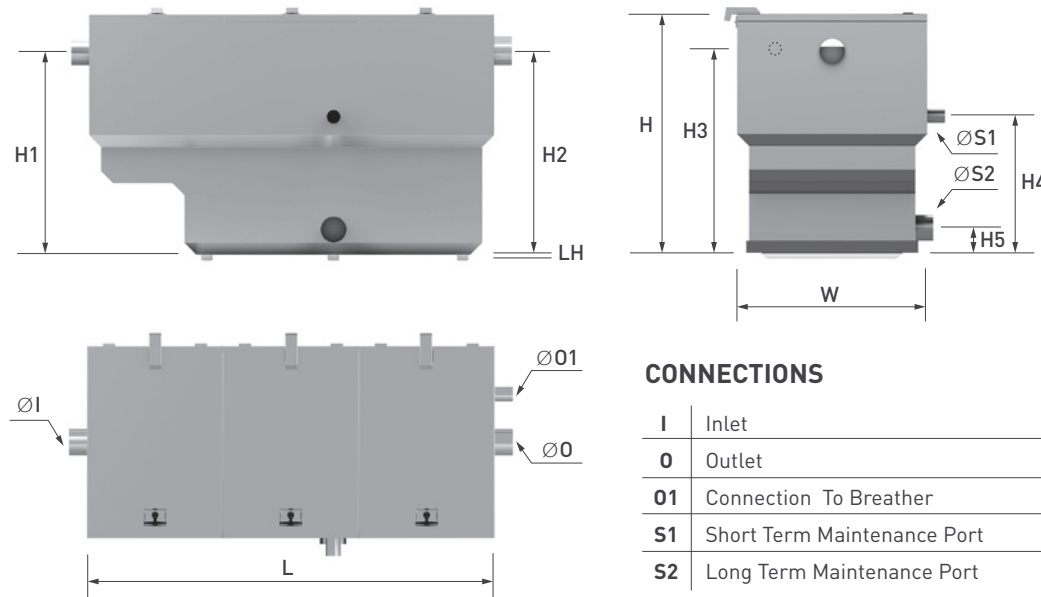
1. The grease trap must be located as close as possible to the source for the following reasons:
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2. The grease interceptor should be installed in a place where it can be safely and easily maintained. Careful consideration must be paid in respect to cover clearances and basket removal.
3. The Herbish® GT grease traps should be used in conjunction with a Herbish BIO Dispensing Unit and Herbish® BIO Fluid.

HBGT — HEAVY DUTY GREASE TRAPS



CONNECTIONS

I	Inlet
O	Outlet
O1	Connection To Breather
S1	Short Term Maintenance Port
S2	Long Term Maintenance Port

GREASE TRAP FLOW RATE

HBGT MODEL	FLOW RATE
HBGT2L/s	200 Litres/min
HBGT4L/s	450 Litres/min
HBGT7L/s	1600 Litres/min
HBGT10L/s	2000 Litres/min
HBGT12L/s	2250 Litres/min

GREASE TRAP WEIGHT

HBGT MODEL	Weight (Kg)
HBGT2L/s	115
HBGT4L/s	160
HBGT7L/s	220
HBGT10L/s	340
HBGT12L/s	477

HEAVY DUTY GREASE TRAP DIMENSIONS

	HBGT2L/s	HBGT4L/s	HBGT7L/s	HBGT10L/s	HBGT12L/s
W	600mm	800mm	1050mm	995mm	1300mm
L	1405mm	1700mm	2205mm	2805mm	3505mm
H	800mm	1000mm	1205mm	1450mm	1450mm
H1/H2	700mm	850mm	1075mm	1300mm	1300mm
LH	50mm**	50mm**	50mm**	50mm**	50mm**
I	110mm	110mm	110mm	110mm	110mm
O	110mm	110mm	110mm	110mm	110mm
O1	50mm/110mm*	50mm/110mm*	110mm	110mm	110mm
H3	780mm	860mm	1095mm	1300mm	1500mm
S1	50mm	50mm	50mm	110mm	110mm
S2	50mm	110mm	110mm	110mm	110mm
H4	545mm	620mm	850mm	1020mm	960mm
H5	90mm	55mm	115mm	110mm	110mm

(Optional Outlet Diameter * 150mm Leg Height Available on Request**)

HEAVY DUTY GREASE TRAP SIZE CALCULATION SHEET

Calculation Sheet to Determine the Size of Large Industrial Grease Traps.

EXAMPLE: Kitchen serving 1400 meals/day

For first 400 meals/day	2L/s first 400 meals	=	2.0L/s
For every 100 more	0.25L/s 1000 meals=0.25x1000/100	=	2.5L/s
For Large dishwasher	2L/s	=	2.0L/s
For Small dishwasher	1L/s	=	

TOTAL 6.5L/s

Recommended Grease Trap

Use the HBGT 7L/s Grease Trap



HEAVY DUTY GREASE TRAP DIMENSIONS

W	Width	400mm
L	Length	1700mm
H	Height	790mm
LH	Leg Height	50mm**
H1/H2	Inlet/Outlet Center Height	610mm/470mm
I	Inlet	100mm/110mm*
O	Outlet	100mm/110mm*

(Optional Outlet Diameter * 150mm Leg Height Available on Request**)

GREASE TRAP FLOW RATE

HBGT MODEL	FLOW RATE
HBGT3COMP	4.5 Litres/min

GREASE TRAP WEIGHT

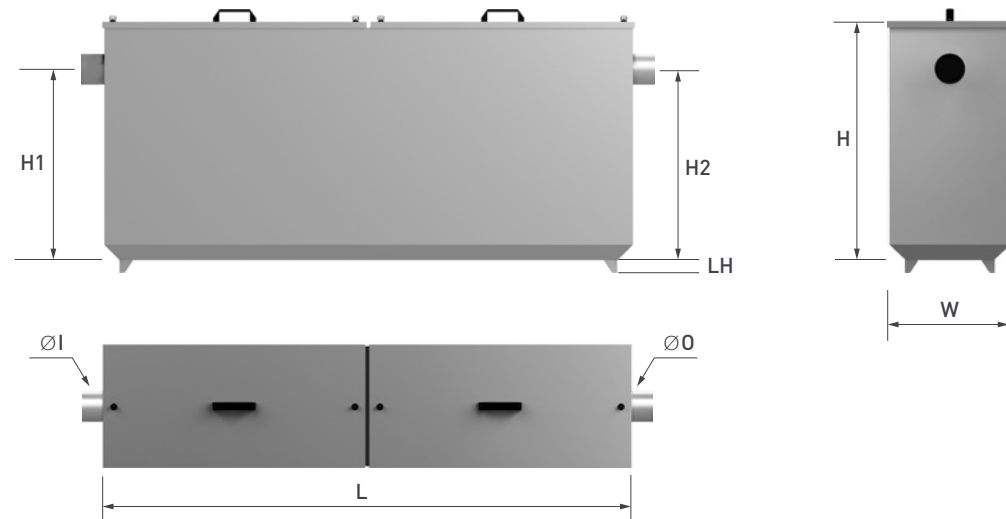
HBGT MODEL	Weight (Kg)
HBGT3COMP	70

HEAVY DUTY GREASE TRAP APPLICATIONS

- Hotels
- Hospitals
- Food Factories
- Catering Industry
- Designed for both commercial and industrial kitchens



3 COMPARTMENT GREASE TRAP ————— HBGT3COMP





HB BIO DOSING SYSTEM

In catering and commercial kitchens, large amounts of fats and organic solids are produced. These are collected in grease traps which must be cleared regularly. This singularly unpleasant task is generally avoided until it is too late.

With this in mind, Herbish® Drainage Systems has introduced the Herbish® BIO Dosing System and BIO Fluid. Our aim is to help our clients prevent, rather than react to, the costly issues generated by poor fat/oil/grease management.

The Herbish® BIO Dosing System unit dispenses programmable quantities of bacteria-containing BIO Fluid into the grease trap. These bacteria secrete food specific enzymes which rapidly degrade fat, oil and grease converting them into simple, environmentally harmless compounds that cannot recombine at a later stage.

With the introduction of the Herbish® BIO Dosing System, Herbish® Drainage Systems continues to develop proactive waste solutions complementing its range of mechanical waste solutions such as grease traps and solids collectors.

HERBISH® BIO DOSING BENEFITS

- Digestion of Fat, Oil and Grease (FOG) in grease traps and drain lines
- Reduced requirement to pump out grease traps
- Elimination of smells due to organic break down in drain lines
- Ensures compliance with legislation, including building regulations and other environmental laws
- Ensures free running drains by preventing fat blockages
- Enhances the performance of effluent treatment plants
- Minimises rodent and insect problems
- No floor drums or containers - easy to handle fluid packs
- Low maintenance for kitchen staff
- Environmentally friendly and safe
- Once installed, it just automatically doses the drain every day
- Can be installed almost anywhere in the kitchen
- No buttons to push after dosing system has been programmed

BIO DOSING UNIT DIMENSIONS

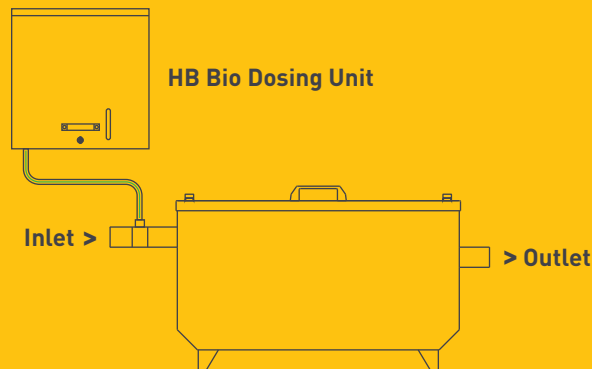
A	Height	520mm
B	Width	510mm
C	Depth	205mm

TECHNICAL INFO

Power Supply Universal	100Vac - 240Vac
Adjustable Flow Rate	120ml/h - 12L/h
Relay to Control External Pump or SV	10A - 250Vac
Multilingual Menu	Yes
Measuring Units	ml / oz
Installation Kit	Yes

INSTALLATION

Easy to install almost anywhere in the kitchen
Easy to clean and maintain



BIO DOSING UNIT WEIGHT

MODEL	Weight (Kg)
HBBDS	14



BIO DOSING SYSTEM

HBBDS



USE HERBISH® BIO DOSING FLUID FOR BEST RESULTS

We recommend the use of Herbish® BIO Fluid liquid formulation that contains non-pathogenic, naturally occurring enzyme and bacteria in a buffer solution. This product is intended for automatic dosing into drain run and grease trap.

Herbish® BIO Fluid is supplied in 25L drums. It is not advisable to dose during operational hours when the BIO Fluid would be washed away and hot liquids that can kill the bacteria are circulating through the grease trap.



MAINTENANCE

All dosing units are automatic.
They require no maintenance from kitchen staff except to replace the BIO Fluid solution bottle when necessary.

[illegible]This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire width, providing a guide for handwriting or typing. The paper itself is a clean, off-white color.

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