

ACO grease trap AGT-40



Introduction

Designed for below-sink use in commercial kitchens and other food service establishments, ACO's **AGT-40 grease trap** prevents grease and food debris from entering waste water and as result, ensures that inner pipework is protected. It is suitable for use in areas where large grease separator cannot be installed and delivers the following benefits.

Benefits

- Protection of inner pipes against clogging
- Space and cost effective solution
- Biological dosing possibility
- Quick and easy installation
- Easy maintenance with no barriers inside
- Maximized separation chamber to increase separation efficiency

Typical application include:



Kitchens



Restaurants



Fast food restaurants



Hotels



Cafeteria

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Main advantages

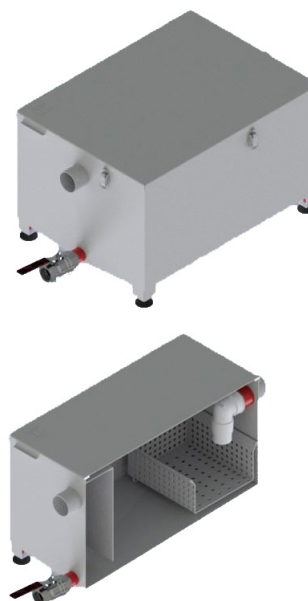


Guide


Regular maintenance of grease trap					
In the kitchen STATIONARY (Leveling legs are included)			Out of the kitchen MOBILE (Wheels on request as additional accessory)		
Inlet/Outlet rubber connection on request		Item number	Inlet/Outlet rubber connection on request		Item number
		2" 48-60 mm 136807			2" 48-60 mm 136807
		1 1/2" 38-50 mm 136808			1 1/2" 38-50 mm 136808

Technical data





Material	1.4301 (AISI 304)
Product dimensions	Length: 540 mm
	Width: 400 mm
	Height: 333-353 mm
Product weight (full tank)	18 kg (60 Kg)
Effective volume of tank	42 litres
Strainer basket capacity	5 litres
<ul style="list-style-type: none"> ▪ Made from stainless steel grade 1.4301 (AISI 304) ▪ Smooth cleanable surface and easy removable fully accessible airtight cover for inspection and maintenance ▪ Levelling feet for floor slope correction and hygienic installation ▪ Drain valve 1" for easy draining ▪ No need to install any additional P-trap on outlet pipe which usually cause overflow problem during operation because the separator has its own in-built air trap on outlet side 	



AGT-40 - Undersink Grease Trap

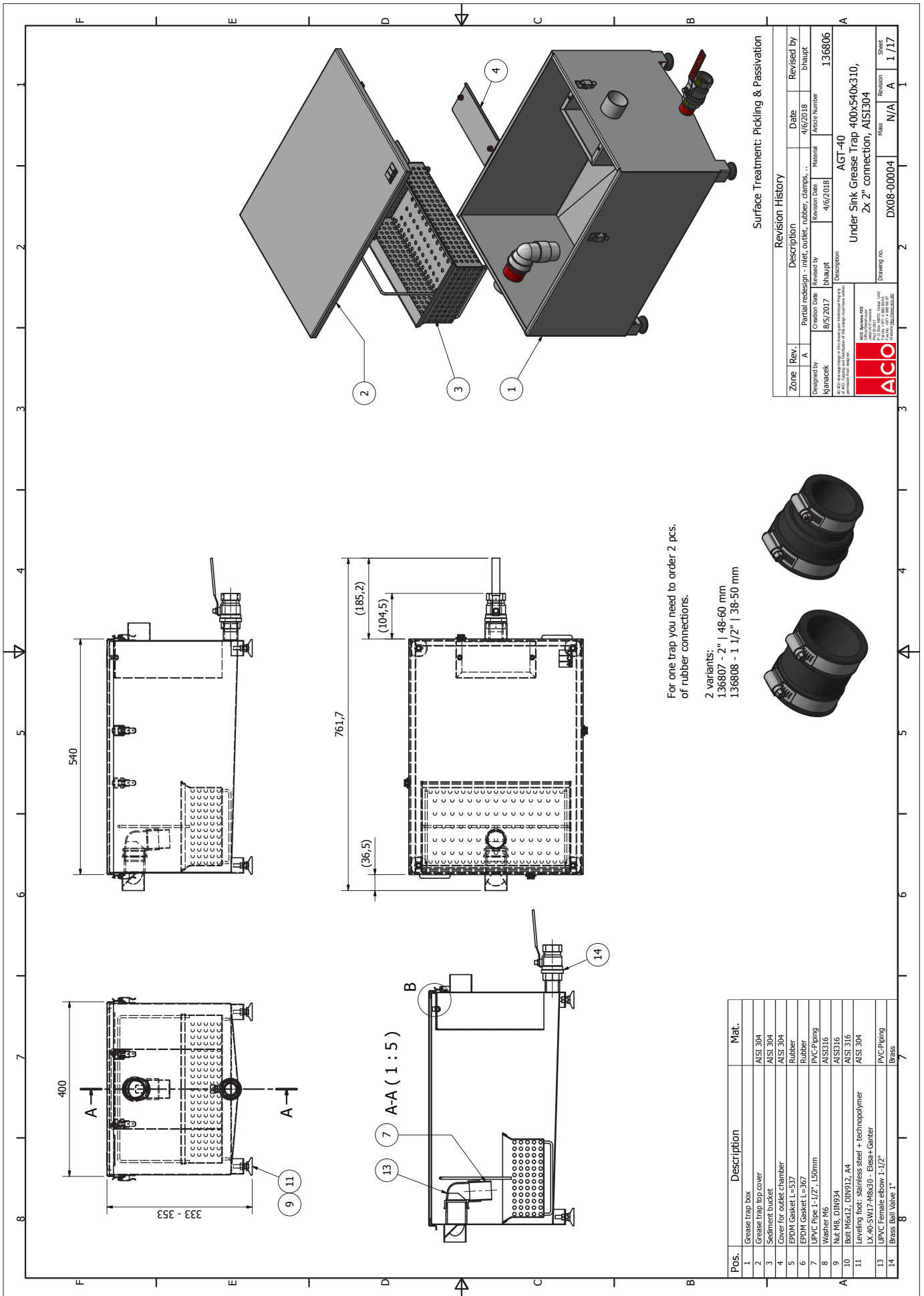
	Item name	Description	Item number
	AGT-40 Undersink Grease Trap Flexible couplings need to be ordered as accessories!	<ul style="list-style-type: none"> ▪ Grease trap incl. sediment bucket ▪ Removable, airtight, full access cover ▪ Leveling legs ▪ Drain valve 	136806

Accessories

	Item name	Description	Item number
	Wheels	<ul style="list-style-type: none"> ▪ Set of castor wheels (4pcs) for AGT-40 Under Sink grease trap 	136804
	Height adjustable stand	<ul style="list-style-type: none"> ▪ Stand for under sink grease trap 400 x 540 x 310 mm ▪ Adjustable height 120 - 175 mm ▪ Stainless steel grade 1.4301 (AISI304) 	136805
	Rubber connection (flexible couplings)	<ul style="list-style-type: none"> ▪ 1 piece 1 1/2" (38 - 50 mm) 	136808
	Rubber connection (flexible couplings)	<ul style="list-style-type: none"> ▪ 1 piece 2" (48 - 60 mm) 	136807

Data sheet
ACO grease trap AGT-40

Grease separator for commercial kitchens ▶ Stainless steel



For one trap you need to order 2 pcs. of rubber connections.

2 variants:
136807 - 2" | 48-60 mm
136808 - 1 1/2" | 38-50 mm



Surface Treatment: Pickling & Passivation

Zone	Rev.	Description	Date	Revised by
A		Partial redesign - inlet, outlet, rubber, clamps, ...	4/6/2018	bhaupt
Assigned by	Created Date	Revised by	Revision Date	Material
Kjaraček	8/5/2017	bhaupt	4/6/2018	
Article Number		136806		
Description				
ACO Grease Trap AGT-40				
Under Sink Grease Trap 400x540x310, 2x 2" connection, AISI304				
Drawing no.		DX08-00004		Sheet
Name		N/A		Revision
		A		1 / 17

Pos.	Description	Mat.
1	Grease trap box	
2	Grease trap top cover	AISI 304
3	Sediment bucket	AISI 304
4	Cover for outlet chamber	AISI 304
5	EPDM Gasket L=537	Rubber
6	EPDM Gasket L=367	Rubber
7	UPVC Pipe 1-1/2", L50mm	PVC-Piping
8	Washer M6	AISI316
9	Nut M8, DIN934	AISI316
10	Bolt M6x12, DIN912, A4	AISI 316
11	Leveling foot: stainless steel + technopolymer	AISI 304
12	LV 40-SW17-M8x30 - Flange-Garter	
13	UPVC Female elbow 1-1/2"	PVC-Piping
14	Brass Ball Valve 1"	Brass



Grease Dosing Systems

Why biological cleaning

When preventing the build-up of fats, oils and grease (FOG) in kitchen drainage systems, the grease trap can be used as a gravity separator, although for optimum effectiveness it should be used in combination with a biological dosing system.

Benefits of Automatic Dosing Units



- Automatic control over the timing and regularity of regular dosing
- Low maintenance for kitchen staff
- Precision dosing to reduce waste

Maintenance

All dosing units are automatic. They require no maintenance from kitchen staff except to replace the biological solution bottle when necessary. Professional servicing of the unit to check functionality and programming is recommended annually.

Dosing times

Meals per day	ACO Clear (ml)	Dosing time (min)
50	50	0:30
100	100	1:00
150	150	1:30

Meals per day	ACO Clear (ml)	Dosing time (min)
250	250	2:30
300	300	3:00
350	350	3:30

An example of dosing periods for 200 meals per day

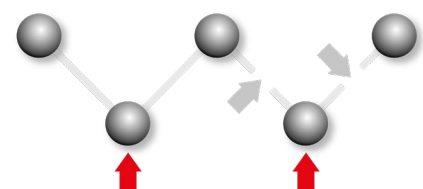
	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
ACO Clear (ml)					30			60				40			70			200 ml
Dosing Time (min)					0:18			0:36				0:24			0:42			2:00

Biological activator

ACO's biological activator works in two distinct ways on FOG waste that settles in the drainage pipework and grease trap system:

1. The activator introduces an enzyme that assists the natural biological process of breaking down long molecular chain FOG's into a manageable solution which can then be discharged safely into the drainage system.
2. The activator introduces other micro-organisms that actively feed on the FOG's present in the solution.





ACO activator process



Enzymes break long chain molecule FOG's into fluid solutions

Active micro-organisms digest long and short chain components

Dosing of biological activators

	Item name	Description	Item number
	Main operated dosing device MODD	<ul style="list-style-type: none"> ▪ Peristaltic pump for dosing of biological solution ▪ Dimensions: 105 x 130 x 100 mm ▪ Power Supply: 100 – 240 V AC ▪ Flow Rate: 100 ml/m 	49025
	ACO clear dosing solution	<ul style="list-style-type: none"> ▪ Biological activator ▪ 5 litre pack 	49020
	ACO clear dosing solution	<ul style="list-style-type: none"> ▪ Biological activator ▪ 20 litre pack 	49022
	Mounting frame	<ul style="list-style-type: none"> ▪ For clean storage of the dosing device and packs of dosing solution ▪ Dimensions: 265 x 627 x 170 mm 	402637



ACO Group

The family-owned company headquartered in Rendsburg/Büdeltsdorf, Germany, was founded in 1946 on the site of the Carlshütte foundry – Schleswig-Holstein's first industrial company. It still has very strong roots in the region.

The major innovation strength of the ACO Group is built on intense research and development, and its technical expertise in processing polymer concrete, plastic, cast iron, stainless steel and reinforced concrete.

- 1946, company founded by Josef-Severin Ahlmann
- 4 400 employees in more than 40 countries (Europe, America, Asia, Australia, Africa)
- 30 production sites in 15 countries

ACO Products

At ACO we are committed to helping you bring the very best quality products to your customers.

ACO supports your brand at every stage of the production process and helps you deliver ultimate hygienic performance to your facilities. We understand the critical role that drainage plays in a successful beverage industry business and we appreciate that what's below the surface can really counts.

Building drainage



ACO hygienic gullies

ACO hygienic gullies are available in various body sizes to cater for sufficient flow rates and construction requirements including shallow construction depths and applications where preventative fire measures are required. ACO hygienic gullies are certified according to EN 1253.



ACO hygienic box channels

ACO hygienic box channels range is ideal for applications where high standards of hygiene are required as they are capable of handling large volumes of fluid. ACO hygienic box channels are certified according to EN 1253.



ACO pipe

The stainless steel push-fit pipe system is designed for grey, black and rain water. ACO pipe offers 40+ years product life thanks to its material properties. Easy installation and handling on site is ensured by push-fit assembly system and available cutting tools.



ACO grease separators

A comprehensive range addresses all size requirements within the EN 1825 specification, with performance at or beyond the Standard's requirement. Certified to EN 1825, CE marked.



ACO Systems FZE

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