

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 effective solution
- Biological dosing possibility
- Two versions of the products are available to suit different maintenance procedures

Typical application include:



Kitchens



Restaurants



Fast food restaurants



Hotels



Cafeteria

ACO grease trap AGT-40

Main advantages



Guide

Regular maintenance of grease trap					
In the kitchen → STATIONARY			Out of the kitchen → MOBILE		
Inlet/Outlet connection		Item number	Inlet/Outlet connection		Item number
	2" 48-60 mm	411288.01		2" 48-60 mm	411289.01
	1 1/2" 38-50 mm	411288.02		1 1/2" 38-50 mm	411289.02

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
200	200	2:00

Meals per day	ACO Clear (ml)	Dosing time (min)
250	250	2:30
300	300	3:00
350	350	3:30
400	400	4:00

An example of dosing periods for 200 meals per day

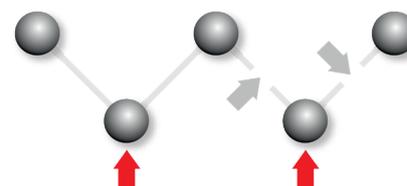
	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
ACO Clear (ml)					30			60				40			70			200 ml
Dosing Time (min)					0:18			0:36				0:24			0:42			2:00
Percentage Load					15%			30%				20%			35%			100%

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.

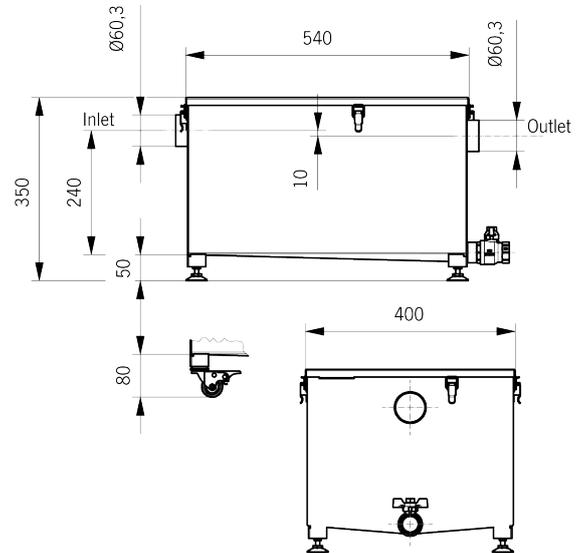
ACO activator process



- ➔ Enzymes break long chain molecule FOG's into fluid solutions
- ➔ Active micro-organisms digest long and short chain components

Technical data

Material	1.4301 (AISI 304)
Shipping dimensions	Length: 650 mm
	Width: 480 mm
	Height: 360 mm
Shipping weight	20 kg
Max. steady flowrate	80 L/hour
Max. short-term peak flowrate	0.6 L/sec
Surface loading rate	0.37 m/hour
Min. retention time	30 min
Effective volume of tank	42 litres
Strainer basket capacity	5 litres



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

Accessories

	Item name	Description	Item number
	Strainer basket	<ul style="list-style-type: none"> Captures large particles (food debris) Capacity 5 litres Stainless steel grade 1.4301 (AISI 304) 	411292