



Invisible ingredients of a healthy, busy kitchen

ACO Grease Capture



Why is grease a problem?

Kitchen wastewater is rich in Fats, Oils and Grease (FOG) that if discharged down the drain can have a negative effect on your business. FOG solidifies, blocking pipes, producing undesirable smells and can pose a risk to the clean and hygienic environment in your kitchen. The best solution for stopping FOG is a grease separator.



Grease capture

ACO Grease Capture (AGC) belongs to the group of under-sink grease separators, specifically designed for food service establishments where space is limited and impossible to install a larger grease separator (BS EN 1825). The ACO Grease Capture is a Grease Recovery Unit (GRU) and removes the FOG before the wastewater enters the drainage system. It is also equipped with a debris basket to catch the coarse food particles.

The ACO Grease Capture is approved to the American Standard ASME (Certificate: 80058760).

Size

The size of GRU required is determined by the amount of wastewater from the equipment that is connected to the unit. Often the flow rate of kitchen equipment is given by the manufacturer and a simple calculation using the volume of a sink with specified drain time (usually 2 mins), provides you with the size of the GRU.

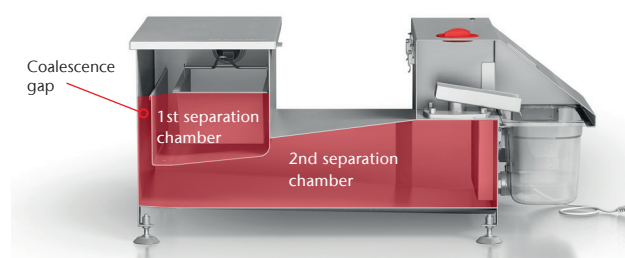
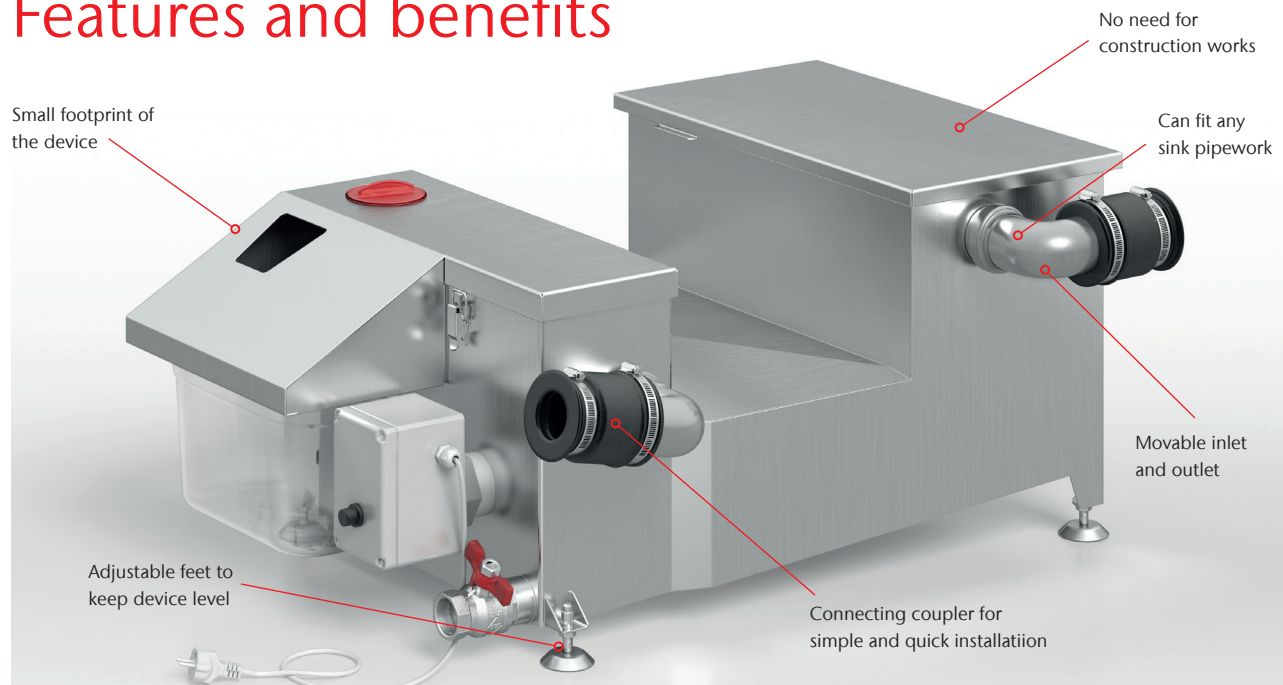
Benefits

- Unique two chamber system delivers outstanding FOG removal efficiency
- Coalescence gap accelerates FOG separation
- Small size unit fits under kitchen sink with no trip hazards
- Easy daily maintenance
- Protects drainage system in the building
- Flexible outlet/inlet allowing for ideal positioning under sink to suit location

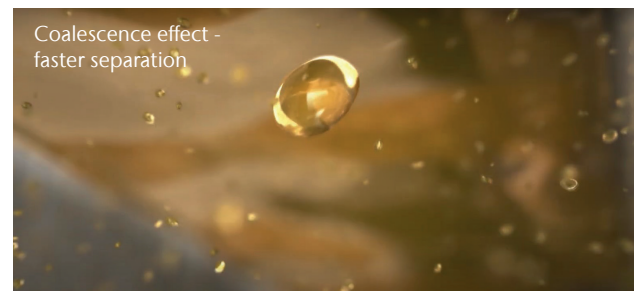
Application

The ACO Grease Capture performs best in kitchens that run practically every day of the week, in that way it minimises risk of FOG solidifying inside the GRU. The GRU can deal with a continuous wastewater flow.

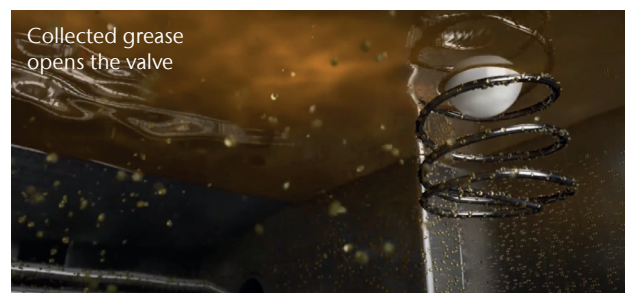
Features and benefits



Patented two separation chambers. The first chamber for separation of FOG restricts flow and forces the FOG toward the coalescence gap.



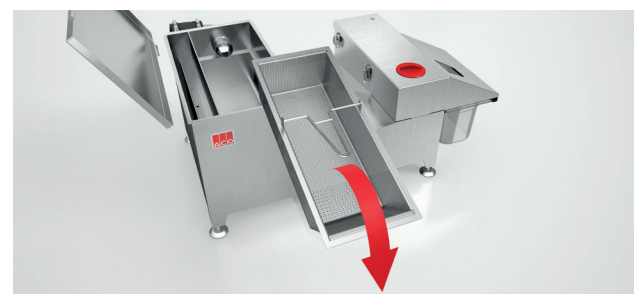
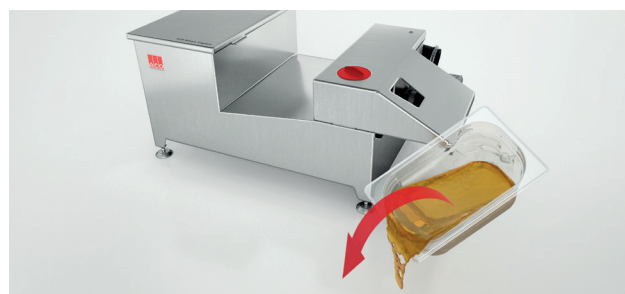
The Coalescence gap accelerates the FOG droplets causing them to collide and coalesce into bigger droplets that separate out of the waste water more efficiently.



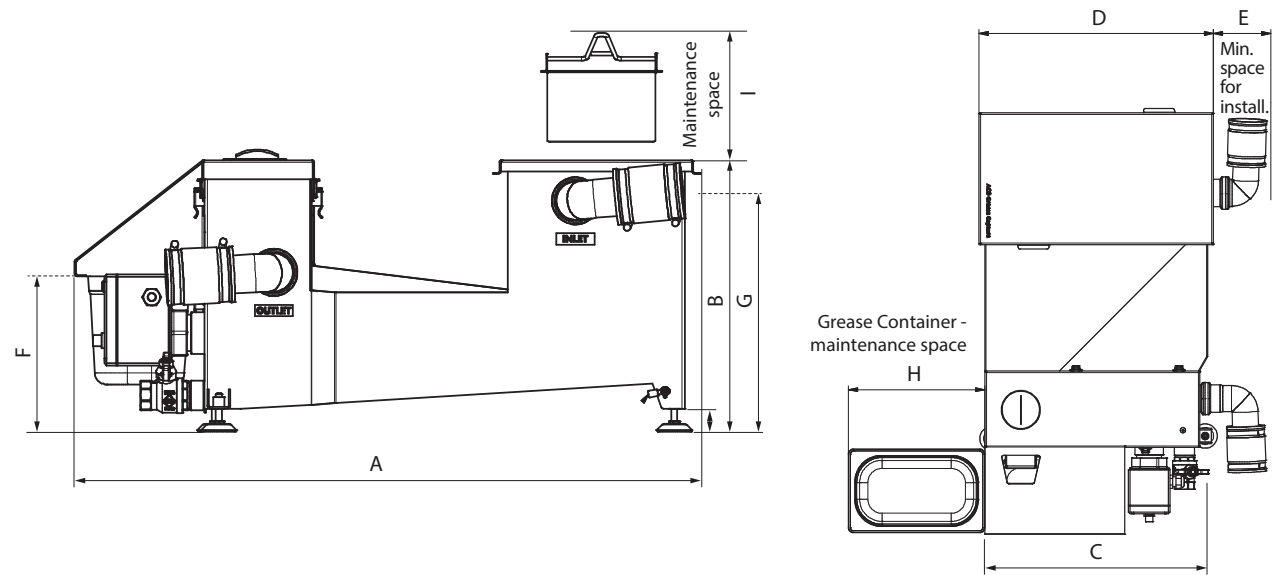
In the second chamber a valve arrangement ensures the separated FOG is released into a separate grease container.



The heating element placed in the FOG layer keeps it liquid making it easier to be removed through the valve arrangements.



Technical data



Product	AGC 50	AGC 100	AGC 150	AGC 220
Part number	20252	20253	20254	20255

Technical specification

Dimensions of the grease capture (mm)

Length (=Dimension A)	618	820	1100	1450
Height (=Dimension B)	357	357	370	370
Width (=Dimension D + E)	552	562	572	592

Space for grease capture - install and service (mm)

Length (=Dimension A)	618	820	1100	1450
Height (=Dimension B + I)	547	547	560	560
Width (=Dimension D + E + H)	728	825	835	855

Min space required behind the unit 'E' in mm	130	110	110	110
Height to centre line of outlet 'F' in mm	209	209	226	229
Height to centre line of the inlet 'G' in mm	303	303	317	317
Min space for removal fog container 'H' in mm	176	263	263	263
Weight (kg)	25	31	39	47

Material Stainless steel AISI 304 (1.4301)

Shipping dimensions L x W x H (mm)	660 x 460 x 390	860 x 490 x 390	1150 x 500 x 410	1490 x 520 x 410
Rated capacity (l/s)	0.5	1.0	1.5	2.2
Food debris basket volume (l)	4.8	5.2	8.3	8.8

Voltage/frequency 230 V/50 Hz

Power	600 W, 2.6 A	600 W, 2.6 A	1000 W, 4.3 A	1000 W, 4.3 A
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Temperature set on the heating element 38° C

Why ACO?

ACO has decades of experience of working with the commercial kitchen operations across the world. We also have extensive experience of designing and manufacturing high quality polyethylene and stainless steel grease management systems which range from grease traps to EN1825 grease separators.

Service & Installation

At ACO Building Drainage we are committed to supporting our customers with a complete grease management solution that meets the specific waste management requirements of each application.

In addition to our range of solutions, we have the level of in-house technical expertise required to provide customers with guidance and support at every stage of a project from system specification to design. As a Supporter Member of the Grease Contractors Association (GCA) we also have access to a wide range of resources on all aspects of grease management and we provide expert advice to the sector.



ACO Building Drainage also provides support through our preferred installation and service partners who will handle commissioning and system installation and, if required, undertake the ongoing servicing and maintenance of your grease management solution.

How are you managing your grease?

We also manufacture:

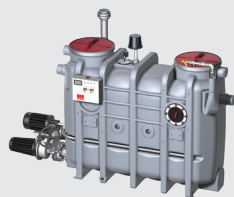
ACO LipuMax

This range of below ground grease separators are designed to efficiently separate fats, oils and grease from waste water.



ACO LipuJet

Free-standing grease separator units. Available in a wide range of sizes and specifications, LipuJet grease separators are easy to transport and assemble.



ACO LipuSmart

ACO LipuSmart products integrate the functions of grease separation, sampling, drainage using a lifting plant and a control system into one product.



Under Sink Units

Our Grease Traps and LipuMobil provide grease alternatives where an under sink unit is best for kitchens operating shorter hours



askACO

For further guidance and technical advice, contact our enquiries team who will be pleased to help you with the specification and design of your grease management system.

Telephone **01462 810421**, email abdestimating@aco.co.uk

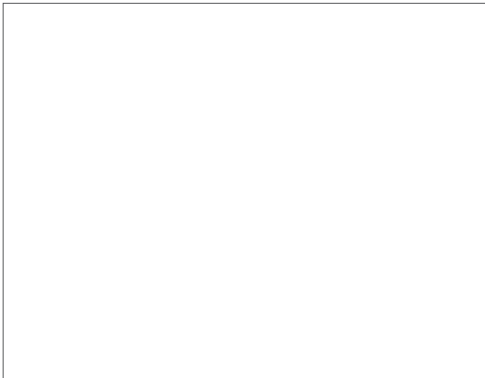
or

to use our grease selector tool to find the right size unit for your kitchen visit www.aco.co.uk/grease-management



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- ACO Access
 - ACO Building Drainage
 - ACO Water Management
 - Civils + Infrastructure
 - Building + Landscape
 - ACO Sport
 - ACO Wildlife
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Your local stockist is:



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**ACO. creating
the future of drainage**

