



## ACO KITCHEN DRAIN

### ***Kitchen Drain Channels Made of Stainless Steel***

As the largest producer of stainless steel drainage systems ACO has the knowledge, experience and expertise to offer the optimal drainage solutions for every application. Therefore ACO offers the designer the freedom to choose from a standard range of products as well as custom made solutions to suit any application.

#### ***Advantages of Stainless Steel***

- Highly corrosion resistant
- Non-porous, easy to clean and disinfect
- Aesthetically pleasing
- Resistant to temperature extremes and thermal shock
- Coefficient of linear expansion similar to concrete
- 100% recyclable material

All ACO tray channels are manufactured from austenitic stainless steel grades 1.4301 (304) or 1.4404 (316L) to EN 10088.

#### ***Typical Applications***

ACO drain channels are used in applications anywhere where hygiene, corrosion resistance and durable performance are essential, such as:

- Professional kitchens
- Food processing factories
- Brewing, bottling and canning plants
- Chilled warehouses
- Laboratories
- Chemical and pharmaceutical industries
- Commercial kitchens



### System Overview

ACO tray channels are designed to be used in commercial applications where hygiene, durability and performance requirements are paramount. ACO tray channels are available in a number of different versions featuring different channel volume, flow rates, size and spigot outlet diameter to suit various applications. The floor construction and depth together with use of any waterproofing membrane play an important role in selection of the appropriate type of ACO tray channel. ACO offer 4 generic tray channel types as shown below.

### Types of Channel For Flooring

- Standard type : Concrete floor, tiled floor, resin floor
- Vinyl type : Vinyl floor
- Extended type : Tiled floor (No seepage water drainage from waterproofing membrane)
- Telescopic type: Tiled floor (seepage water drainage from waterproofing membrane)

### Surface Treatment

The process of cutting, forming and welding of stainless steel will introduce impurities into the surface of the material and unless the appropriate action is taken, the material will begin to corrode and ultimately fail in service. Therefore after fabrication into the final product, it is vital that the stainless steel material is treated with the correct surface treatment to ensure the material is fully corrosion resistant. By applying pickle passivation as the primary surface treatment, the corrosion resistance of stainless steel can be fully restored to its original state, ensuring long and reliable life performance together with the required aesthetic appearance.

### Hygienic Standard

Proper cleaning of drainage in food processing plants reduces the risk of contamination and spoilage of food during preparation, processing, and storage. ACO drainage systems are designed with all of these requirements in mind. Every detail of our fully hygienic products fulfill and surpass all EHEDG recommendations.

### Slip Resistance

The consequences of slips in food processing and kitchen areas can be very serious as accidents can easily occur involving high temperature foodstuffs and cooking surfaces. For applications where the potential for slipping is increased, enhanced slip resistant grating should be considered. For this reason ACO tray channels portfolio includes a range of slip resistant grating.

### Certification

ACO stainless steel channels are certified and manufactured fully in accordance with EN 1253 (Gullies for Buildings).

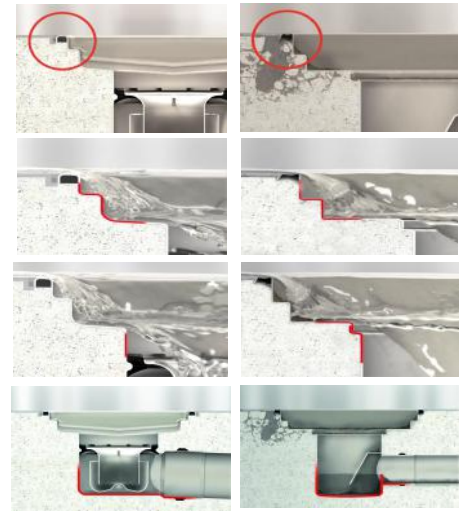
### Cleaning of Kitchen Drain

Stainless steel is easy to clean. Washing with soap or a mild detergent and warm water followed by a clear water rinse is usually quite adequate for many industrial applications. An enhanced aesthetic appearance will be achieved if the cleaned surface is finally wiped dry.

### Advantages of ACO Kitchen Drain

- Load bearing capacity
- Water tightness
- Durability
- Easy to maintain
- Removable foul air trap and silt basket
- Hygienic performance
- Corrosion resistance

### Hygienic Drain Non-Hygienic Drain



Name	Internal width	Performance	Flow rate	Image
ACO slot channel 20	20 mm	Light performance	1.2 - 3.5 l/s	
ACO box channel 125	125 mm	Medium performance	1.2 - 3.5 l/s	
ACO box channel 200	200 mm	High performance	3.5 - 5.4 l/s	

### Tray Channel

Tray channel, any size (dimensions-LxWxD) can be customised



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