

Invisible Ingredients Of Healthy Kitchen

ACO commercial drainage

Foul air traps

Foul air traps are available for both vertical and horizontal solutions allowing high flow rates.



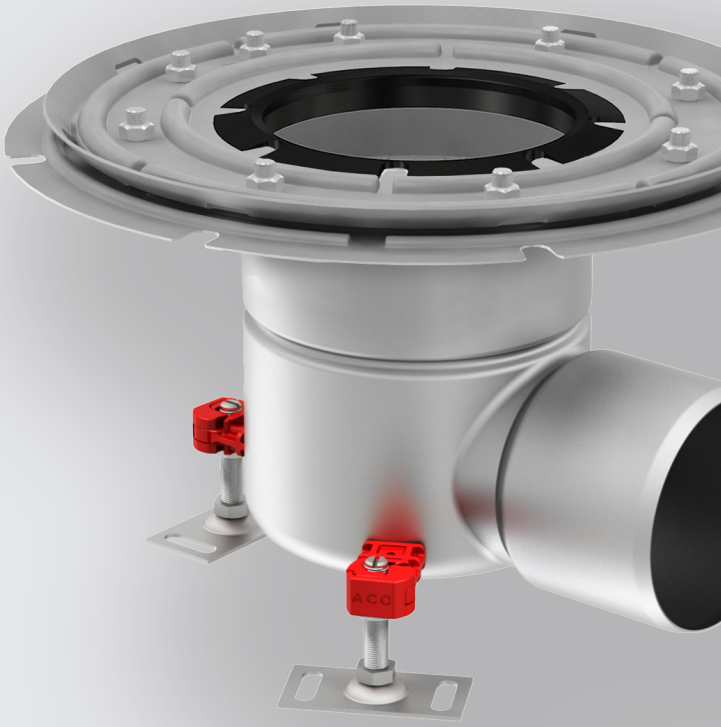
Top sections and channels

Available as a robust stainless steel solution which offers high load resistance.



Gully bodies

The ACO gully body is manufactured from stainless steel to ensure optimum durability.



ACO floor drainage

ACO commercial drainage design can be adapted to meet project-specific requirements and to provide the best balance between costs and performance.



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ACO. we care for water

ACO is a Water-Tech company that protects water. Building on our global drainage expertise that protects people from water, we increasingly see our mission as also protecting water from people.

With the ACO WaterCycle, ACO provides systems that collect and channel, clean, retain and ultimately reuse water. In this way, ACO contributes to the preservation of clean groundwater as a vital resource, and makes a contribution to tomorrow's world. In its Agenda 2030, the UN global community set the improvement of water quality as one of 17 sustainable development goals.

Intelligent drainage systems from ACO increasingly use smart technology to ensure that rainwater and wastewater are drained, or temporarily stored. With innovative separation and filtration technology, we prevent water contamination by pollutants such as fat and grease, fuels, heavy metals and microplastics.

Today, ACO goes one step further: we accept the challenge of reusing water, and thus establishing a resource-saving cycle. For all products and systems, ACO attaches great importance to durability, reusability and a low carbon footprint. The pursuit of sustainability is an ongoing process that we strive to meet every day.

The ACO Group is a global family business that is one of the world market leaders in the Water-Tech segment. Founded in Schleswig-Holstein in 1946, it operates as a transnational network in over 50 countries. Worldwide, ACO is characterised by a high level of decentralised ownership, and explicit regional market proximity.

www.aco.com



Holder
Iver and Hans-Julius Ahlmann



Headquarters of the ACO Group
in Rendsburg/Büdelsdorf



5.400

employees in more than 50 countries (Europe, North and South America, Asia, Australia, Africa)

1.14 Billion

Euro Sales in 2023

41

production sites in 20 countries





ACO Academy
for practical training

Healthy Business starts with healthy wastewater management

We believe that creating a healthy commercial kitchen starts with the specification of an effective wastewater management system which aids cleaning, optimises productivity and helps create a safe kitchen environment.

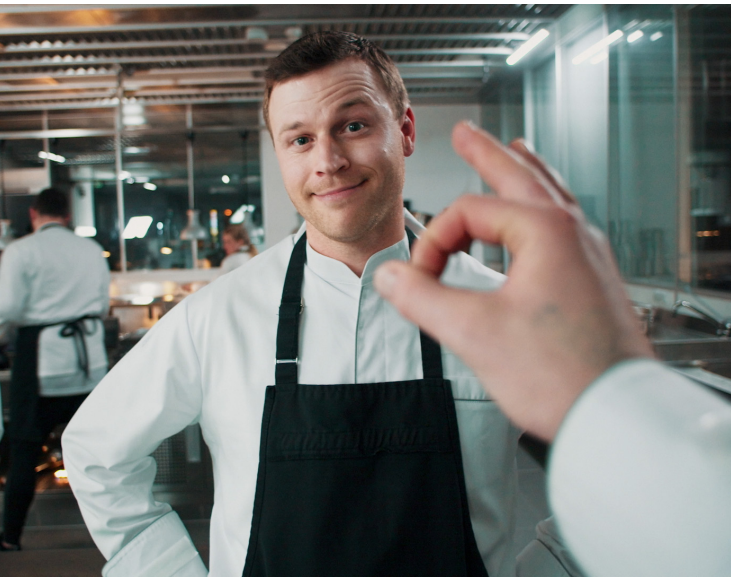
A well designed kitchen which has an effective wastewater system will benefit its customers, owners, employees and the environment in general.

ACO offers a complete range of solutions which can meet the needs of any foodservice business as well as other commercial kitchen facilities.

Floor drainage

ACO's drainage range has been developed to provide cost effective solutions which can be tailored to suit individual project-specific requirements. System components are selected to suit the composition of the flooring being used, maintenance requirements and budget.

Commercial kitchens require drainage systems that optimise cleanability, durability and flow rate in order to minimise operational costs, improve health and safety, and help ensure food safety.







Grease management

The wastewater generated by commercial kitchens is rich in fats, oils and grease (FOG) and if this is discharged down the drain, it can have a negative effect on your business. The industry standard is to protect the sewer network but ACO goes further and adopts a two-phase approach which also protects the building itself. ACO's high performance grease separators and grease removal units are specifically designed to help prevent the build-up of FOG in kitchen drainage and ultimately prevent fatbergs from forming in the main sewer network.



System overview and benefits

ACO provides solutions which optimise food safety, employee´s health and safety and water protection. Every ACO product safely controls the water to ensure that it can be hygienically, economically and ecologically managed in a viable way.



Food safety

- ACO hygienic drainage fulfills hygienic requirements to prevent harmful bacteria contamination. We apply relevant hygienic design principles reserved for food contact surfaces as recommended by EHEDG.
- Our product design ensures minimal build-up of food particles and debris as well as a safe connection with the surrounding floor to minimise any opportunity for bacteria to grow throughout the drainage system.
- Sleek slope function and hygienically designed products ensure our system is fully drainable, eliminating the stagnant odour of waste water.

Cost control

- ACO drainage systems can be easily maintained, reducing associated cleaning costs, thanks to their functional design and cleaning recommendations which have been developed in partnership with premium cleaning agent suppliers.
- ACO's advanced manufacturing technologies ensure durability and our special surface treatment guarantees corrosion resistance. Our systems perform effectively at all times and keep business disruption to a minimum.
- We provide expertise in drainage system planning, correct installation and creating a safe connection with the surrounding floor to avoid unnecessary costs.

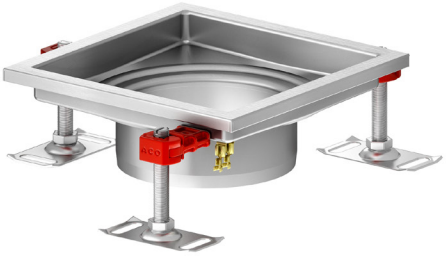
Health & Safety

- For additional safety in high risk areas that require heavy water usage, a slip resistant grating is available.
- Each component of the drainage system is easy to remove and clean, and there are no sharp edges for optimum employee safety.
- ACO drainage products have a fire resistant solution certified according to EN 136.

The ACO floor drainage family of products

Detailed specification







The ACO floor drainage product range is designed to be cost effective without compromising cleanability, durability or flow rate performance.

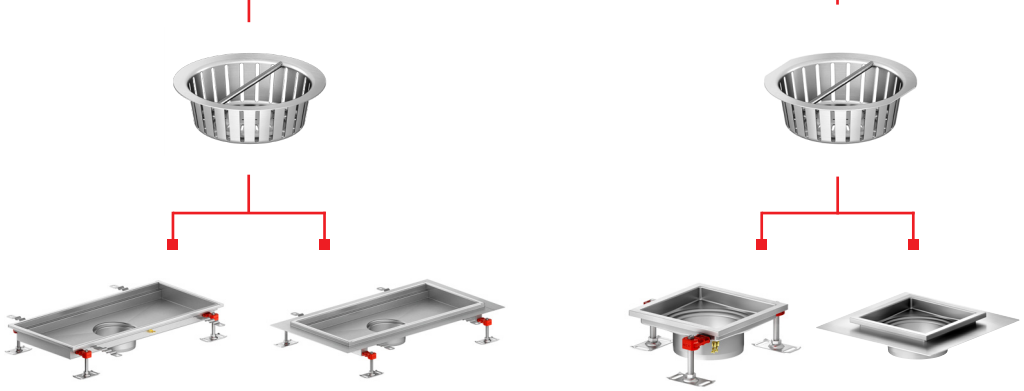
ACO drainage is available in different configurations to suit different flow rates and types of flooring. In applications, such as commercial kitchens, where there are high demands on cleaning efficiency and where high-temperature water or water which contains fats, oils or grease, we would recommend the use of a fully stainless steel solution with an easy-to-remove foul air trap.

The ACO commercial drainage range can be specified to meet the different load requirements of areas which are subject to trolley or pedestrian traffic. The ACO Building Drainage product portfolio comes in a range of load classes. We provide easy-to-clean stainless steel slip-resistant proffesional solutions.

ACO mesh grating is made from stainless steel and satisfies load class L15



The stainless steel gully tops and channels are durable and easy to clean



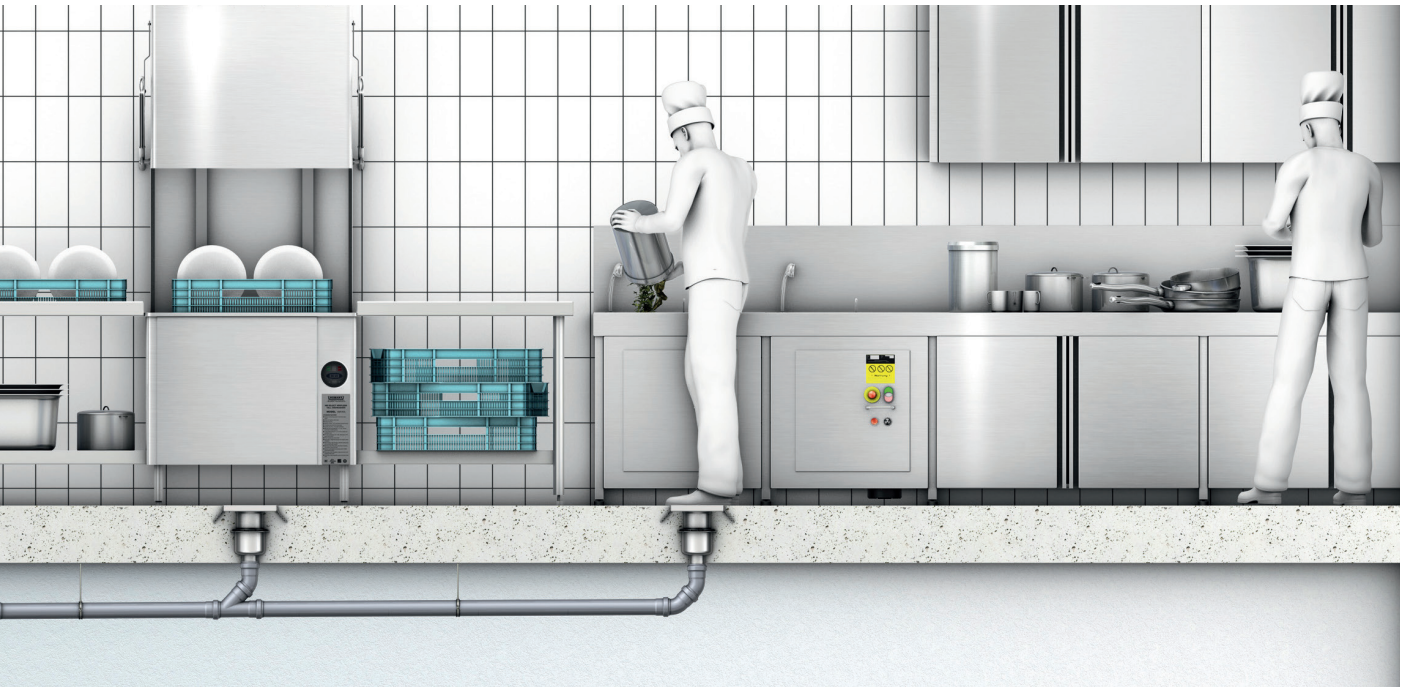


Gully bodies are made from durable austenitic stainless steel



Selecting the right solution

The specification of point floor drainage in commercial buildings is driven by the application in which it will be installed. These requirements can be met with different product ranges depending on factors including the size of project, public access and frequency of use.



ACO products are compatible with one another, enabling our customers to combine products from different ranges to develop tailored drainage systems.

The ACO commercial gully range offers a wide range of gully designs which can be used to meet project-specific requirements:

- floor composition
- maintenance requirements
- project budget



1 ACO Gully

COLLECT:
Gather and capture

COLLECT



ACO Gully

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ACO hygienic gully 157	Fixed height, vertical outlet	31
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	Telescopic, horizontal outlet	44
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ACO hygienic gully 218	Fixed height, vertical outlet	53
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Discover more in a 3D environment:
buildingdrainage.aco/products

ACO gully
online information

The ACO hygienic gully system overview

ACO hygienic gully 142	ACO hygienic gully 157	ACO hygienic gully 218

ACO gully range is available in a number of versions featuring different flow rates, grating designs, sizes and spigot outlet diameters to suit various applications.

The floor construction and depth together with the use of any waterproofing membrane play an important role in the selection of the appropriate type of gully.

The ACO gully range is available with vertical or horizontal spigot outlets.

Fixed height gullies are convenient and free-standing units which are suitable for cementitious, resin or tiled floors.

Telescopic gullies can be installed either with a gully top or ACO channel in most flooring constructions, including floors with waterproofing membranes.

Fixed height solution



Telescopic solution



1 Gratings
2 Silt basket
3 Foul air trap
4 Foul air trap support
5 ACO gully body
6 Gully top
7 Friction ring
8 ACO EasyFix levelling feet

ACO hygienic gully 142 fixed height, vertical outlet

Product information

Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body.

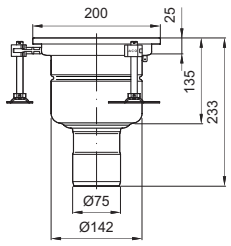
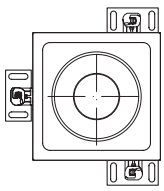
Those gullies can be combined with different grates depending on requested load class.

Product benefits

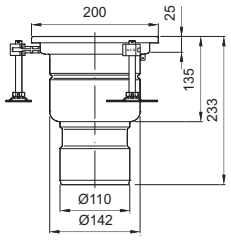
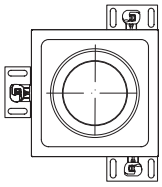
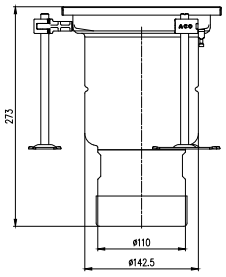
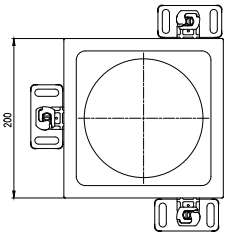
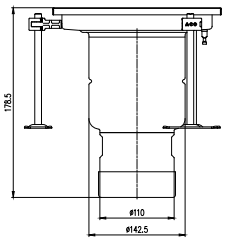
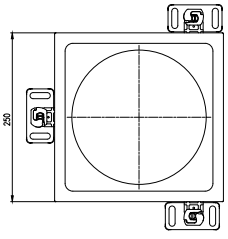
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



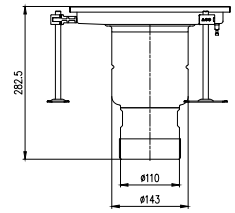
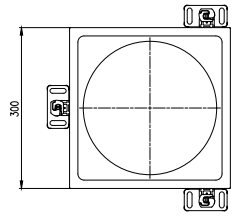
Order information

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Standard edge						
 	200 x 200	75	Without FAT	N/A	1.4301	414700
					1.4404	414800
			With FAT	1.45 / 2.1	1.4301	414701
					1.4404	414801

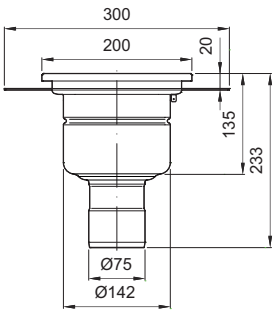
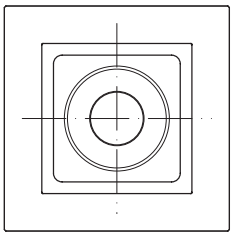
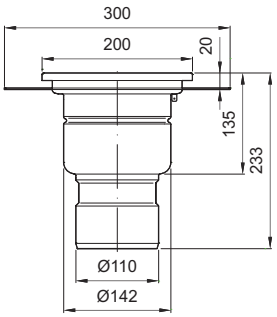
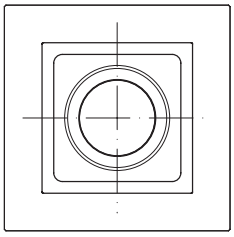
Gratings for gully top 200 x 200 mm ➔ Page 75
Accessories for ACO hygienic gully 142 ➔ Page 93

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	200 x 200	110	Without FAT	N/A	1.4301	414702
					1.4404	414802
			With FAT	1.45 / 2.1	1.4301	414703
					1.4404	414803
	200 x 200	110	Without FAT, without protective cover	N/A	1.4301	449266
			Without FAT, with protective cover	2.4 / N/A		449266_CF
	250 x 250	110	Without FAT, without protective cover	N/A	1.4301	449267
			Without FAT, with protective cover	2.4 / N/A		449267_CF

Gratings for gully top 200 x 200 mm ➔ Page 75
Accessories for ACO hygienic gully 142 ➔ Page 93

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	300 x 300	110	Without FAT, without protective cover	N/A 2.4 / N/A	1.4301	449268
			Without FAT, with protective cover	N/A 2.4 / N/A		449268_CF

Extended edge

	200 x 200	75	With FAT	1.45 / 2.1	1.4301	414744
					1.4404	414844
	200 x 200	110	With FAT	1.45 / 2.1	1.4301	414745
					1.4404	414845

Gratings for gully top 200 x 200 mm ➔ Page 75
Accessories for ACO hygienic gully 142 ➔ Page 93

ACO hygienic gully 142
fixed height, horizontal outlet

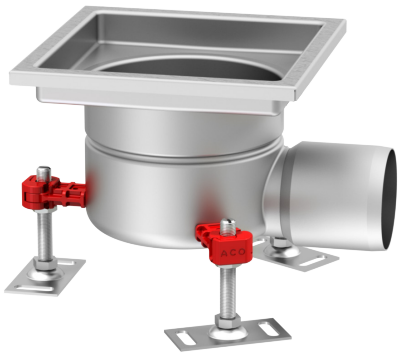
Product information

Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body.

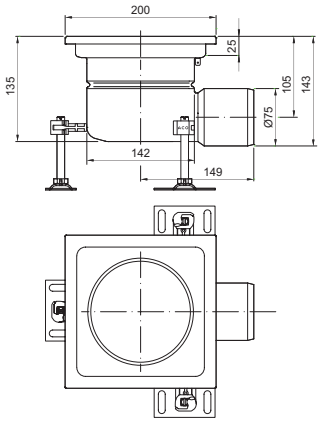
Those gullies can be combined with different grates depending on requested load class.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available.
- Tested and certified according to EN 1253
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet

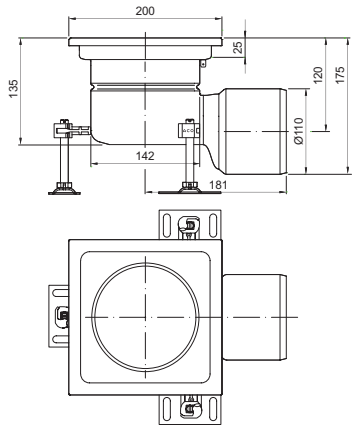
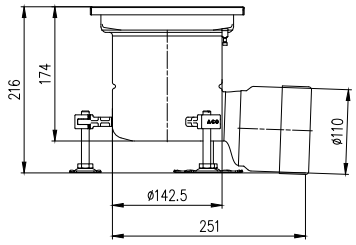
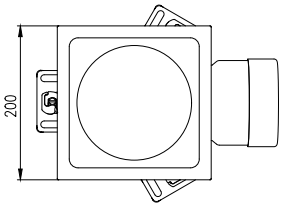
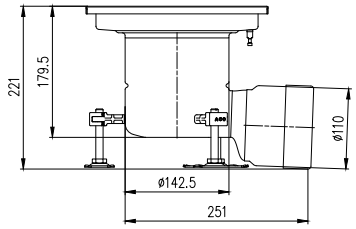
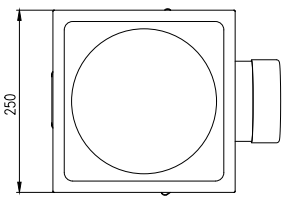


Order information

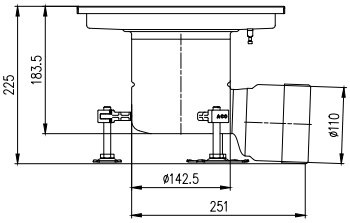
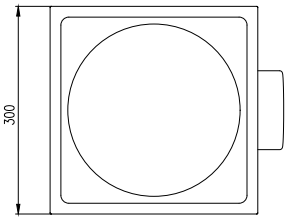
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Gratings for gully top 200 x 200 mm ➔ Page 75

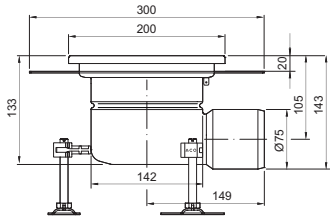
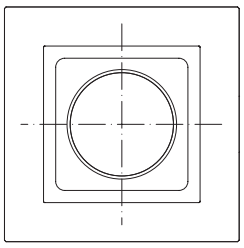
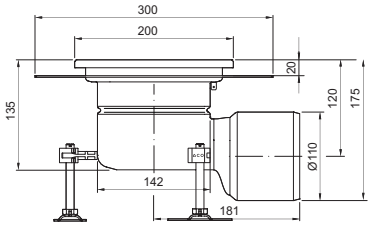
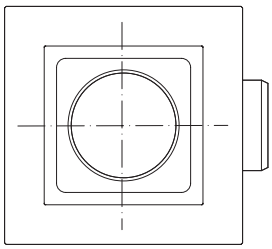
Accessories for ACO hygienic gully 142 ➔ Page 93

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	200 x 200	110	Without FAT	N/A	1.4301	414706
					1.4404	414806
			With FAT	1.45 / 1.7	1.4301	414707
					1.4404	414807
	200 x 200	110	Without FAT, without protective cover	N/A	1.4301	449269
			Without FAT, with protective cover	2.1 / N/A		449269_CF
	250 x 250	110	Without FAT, without protective cover	N/A	1.4301	449270
			Without FAT, with protective cover	2.1 / N/A		449270_CF

Gratings for gully top 200 x 200 mm ➔ Page 75
Accessories for ACO hygienic gully 142 ➔ Page 93

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	300 x 300	110	Without FAT, without protective cover	N/A	1.4301	449271
			Without FAT, with protective cover	2.1 / N/A		449271_CF

Extended edge

	200 x 200	75	With FAT	1.45 / 1.7	1.4301	414746
					1.4404	414846
	200 x 200	110	With FAT	1.45 / 1.7	1.4301	414747
					1.4404	414847

Gratings for gully top 200 x 200 mm ➔ Page 75
Accessories for ACO hygienic gully 142 ➔ Page 93

ACO hygienic gully 142 telescopic, vertical outlet

Product information

Telescopic gully can be combined either with gully tops or with linear drainage channels.

Telescopic solution enables height and rotational adjustment of connected gully top or channel.

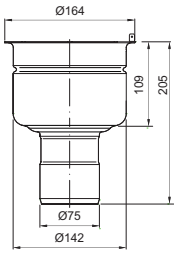
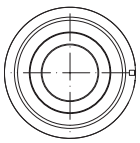
Gullies are equipped with flanges for connection of waterproof membrane.

Product benefits

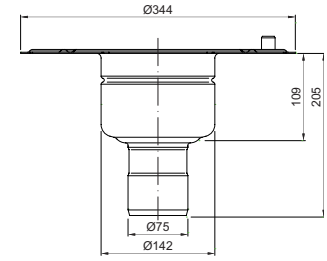
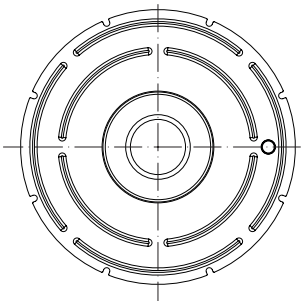
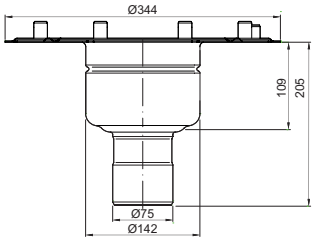
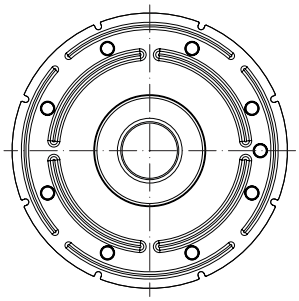
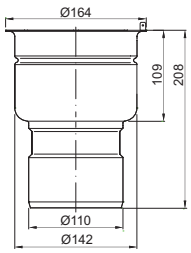
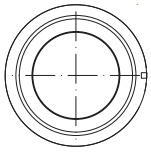
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Tested and certified according to EN 1253
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)
- Suitable for all floor types including vinyl flooring
- Telescopic friction ring included



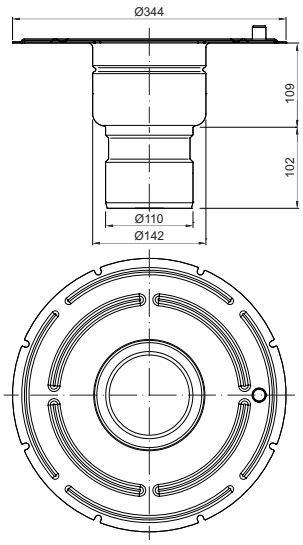
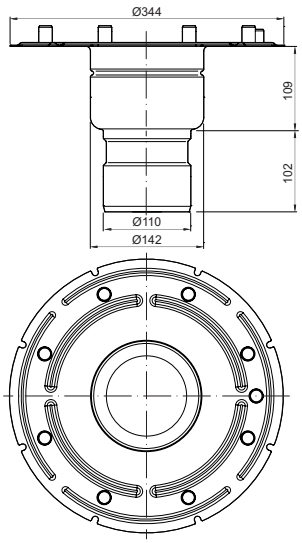
Order information

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	Location flange	75	Without FAT	N/A	1.4301	414708
					1.4404	414808
			With FAT	1,4 - 1,7 / 2,1	1.4301	414709
					1.4404	414809

Accessories for ACO hygienic gully 142 ➔ Page 93

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	Adhesive bonding flange	75	Without FAT	N/A	1.4301	414710
					1.4404	414810
			With FAT	1,4 - 1,7 / 2,1	1.4301	414711
					1.4404	414811
 	Mechanical clamping flange	75	Without FAT	N/A	1.4301	414712
					1.4404	414812
			With FAT	1,4 - 1,7 / 2,1	1.4301	414713
					1.4404	414813
 	Location flange	110	Without FAT	N/A	1.4301	414714
					1.4404	414814
			With FAT	1,6 - 2 / 1,7	1.4301	414715
					1.4404	414815

Accessories for ACO hygienic gully 142 ➔ Page 93

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	Adhesive bonding flange	110	Without FAT	N/A	1.4301	414716
					1.4404	414816
			With FAT	1,6 - 2 / 1,7	1.4301	414717
					1.4404	414817
	Mechanical clamping flange	110	Without FAT	N/A	1.4301	414718
					1.4404	414818
			With FAT	1,6 - 2 / 1,7	1.4301	414719
					1.4404	414819

Accessories for ACO hygienic gully 142 ➔ Page 93

ACO hygienic gully 142 telescopic, horizontal outlet

Product information

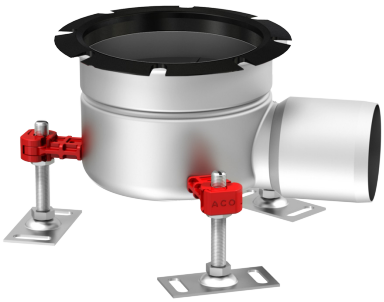
Telescopic gully can be combined either with ACO gully top or ACO channel in most flooring constructions.

Telescopic solution enables height and rotational adjustment of connected gully top or channel.

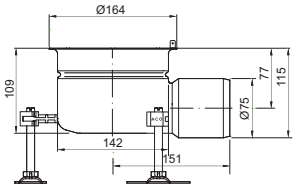
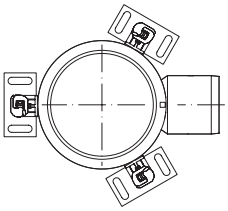
Gullies are equipped with flanges for connection of waterproof membrane.

Product benefits

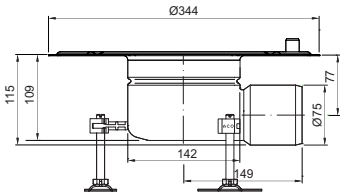
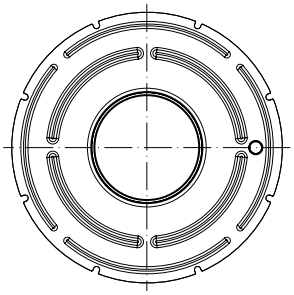
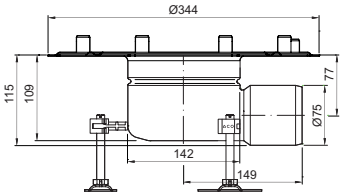
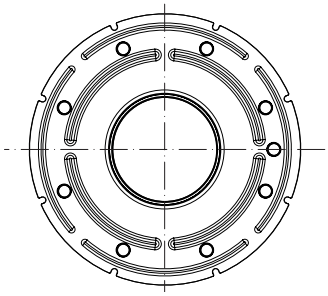
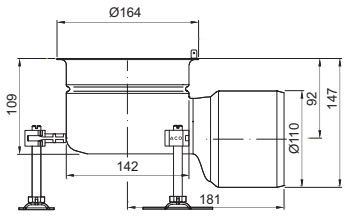
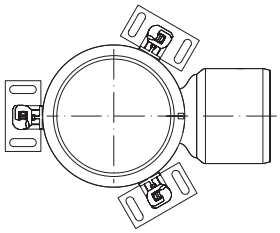
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Tested and certified according to EN 1253
- Suitable for all floor types including vinyl flooring
- Telescopic friction ring included
- Adjustable EasyFix levelling feet



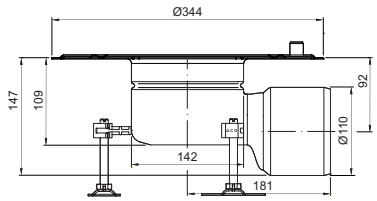
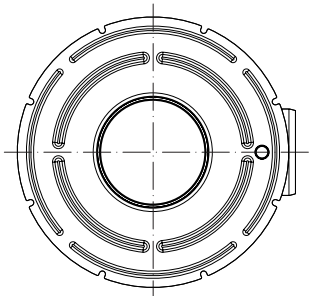
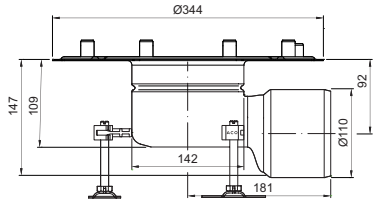
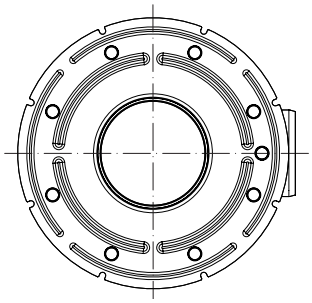
Order information

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	With location flange	75	Without FAT	N/A	1.4301	414720
					1.4404	414820
			With FAT	1,4 - 1,7 / 1,7	1.4301	414721
					1.4404	414821

Accessories for ACO hygienic gully 142 ➔ Page 93

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	With adhesive bonding flange	75	Without FAT	N/A	1.4301	414722
					1.4404	414822
			With FAT	1,4 - 1,7 / 1,7	1.4301	414723
					1.4404	414823
 	With mechanical clamping flange	75	Without FAT	N/A	1.4301	414724
					1.4404	414824
			With FAT	1,4 - 1,7 / 1,7	1.4301	414725
					1.4404	414825
 	With location flange	110	Without FAT	N/A	1.4301	414726
					1.4404	414826
			With FAT	1,4 - 1,7 / 1,7	1.4301	414727
					1.4404	414827

Accessories for ACO hygienic gully 142 ➔ Page 93

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	With adhesive bonding flange	110	Without FAT	N/A	1.4301	414728
					1.4404	414828
			With FAT	1,4 - 1,7 / 1,7	1.4301	414729
					1.4404	414829
 	With mechanical clamping flange	110	Without FAT	N/A	1.4301	414730
					1.4404	414830
			With FAT	1,4 - 1,7 / 1,7	1.4301	414731
					1.4404	414831

Accessories for ACO hygienic gully 142 ➔ Page 93

ACO hygienic gully 142 gully top, telescopic

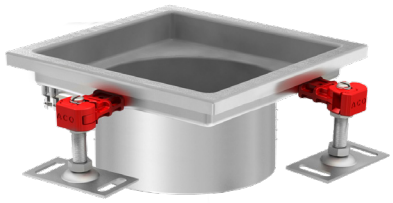
Product information

Gully top can be combined with telescopic gully.

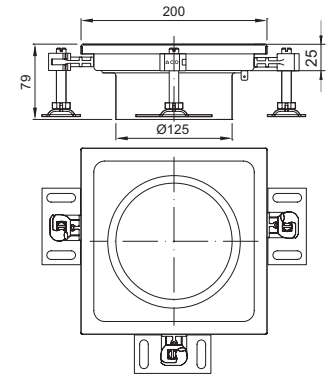
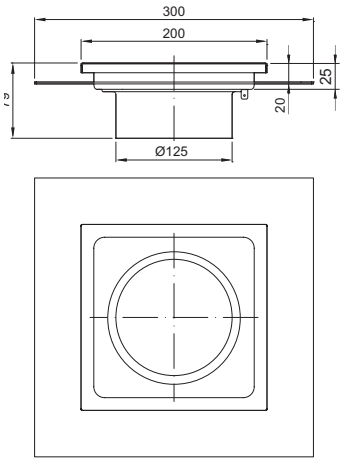
Different gully top types are available depending on floor structure.

Product benefits

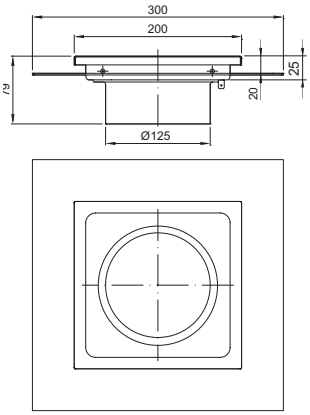
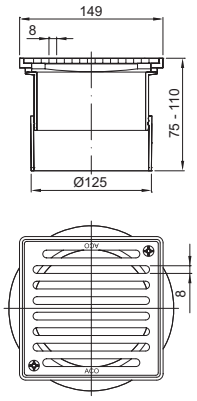
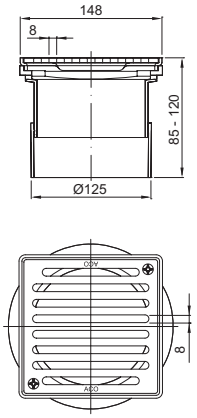
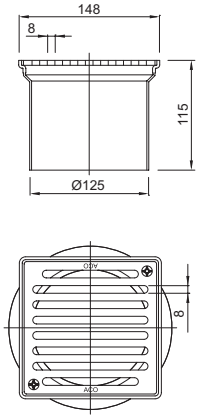
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



Order information

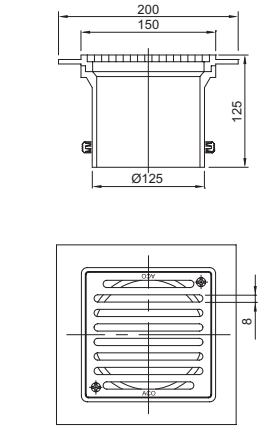
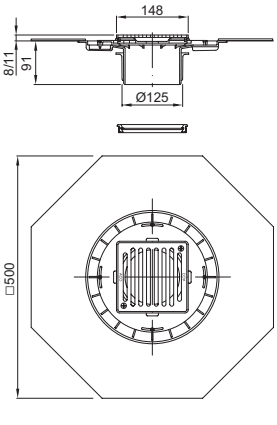
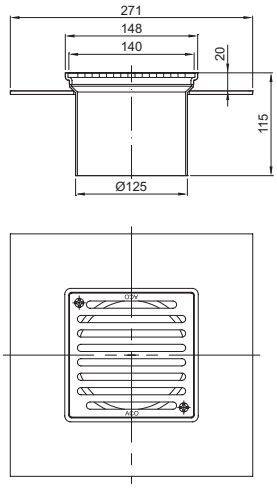
	Gully top type	Gully top size [mm]	Material	Item number
	Standard edge	200 x 200	1.4301	414732
			1.4404	414832
	Extended edge	200 x 200	1.4301	414734
			1.4404	414834

Gratings for gully top 200 x 200 mm ➔ Page 75

	Gully top type	Gully top size [mm]	Material	Item number
	Extended top with drainage holes	200 x 200	1.4301	414735
			1.4404	414835
	Plastic top with stainless steel grating (K3)	149 x 149	Plastic	414903*
	MEKU top with stainless steel grating (K3)	148 x 148	Plastic	414904*
	Square top with stainless steel grating (K3)	148 x 148	1.4301	414905*

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

Gratings for gully top 200 x 200 mm ➔ Page 75

	Gully top type	Gully top size [mm]	Material	Item number
	Plastic top with stainless steel grating (K3)	150 x 150	Plastic	414906*
	Plastic thin-bed top with sliding frame and stainless steel grating (K3)	148 x 148	Plastic	414907*
	Square top with sanded flange and stainless steel grating (K3)	148 x 148	1.4301	414909*

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

Gratings for gully top 200 x 200 mm ➔ Page 75

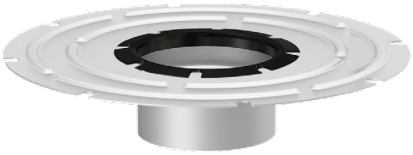
ACO hygienic gully 142 raising piece, telescopic

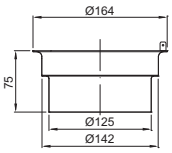
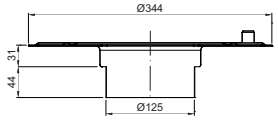
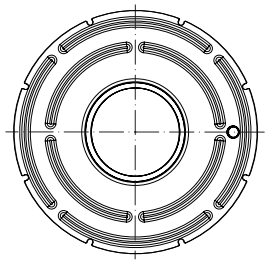
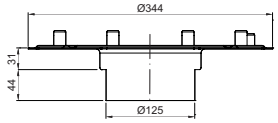
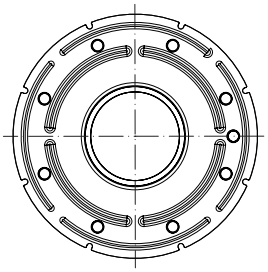
Product information

Raising piece can be used for floor structures where multi waterproofing is needed (heat insulation) or where construction height of the slab needs to be increased.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Tested and certified according to EN 1253
- Suitable for all floor types including vinyl flooring
- Variety of flanges for membranes
- Telescopic friction ring included



	Type of flange	Material	Item number
	Location flange	1.4301	414736
		1.4404	414836
 	Adhesive bonding flange	1.4301	414737
		1.4404	414837
 	Mechanical clamping flange	1.4301	414738
		1.4404	414838

Accessories for ACO hygienic gully 142 ➔ Page 93

ACO hygienic gully 157 fixed height, vertical outlet

Product information

Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body.

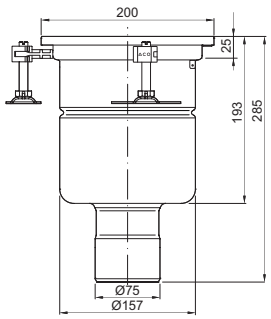
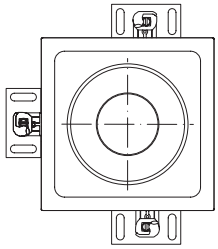
Those gullies can be combined with different grates depending on requested load class.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet

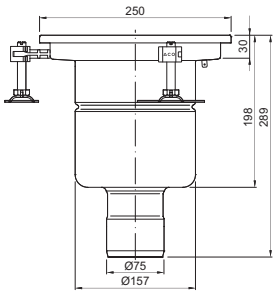
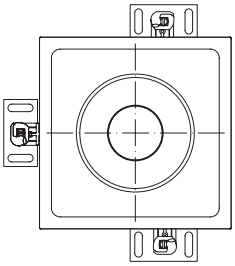
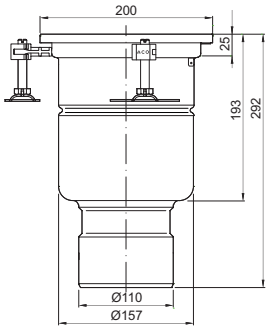
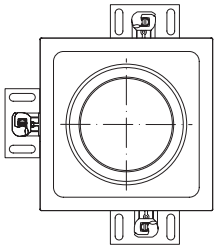
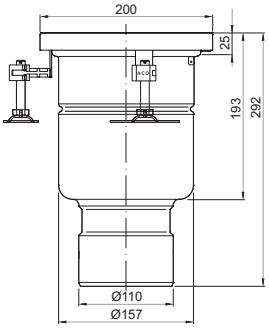
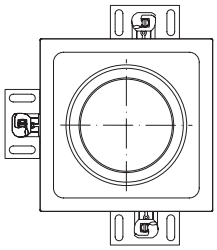


Order information

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Standard edge						
	200 x 200	75	Without FAT	N/A	1.4301	408000
					1.4404	408100
			With FAT	2.7 / 4	1.4301	408001
					1.4404	408101

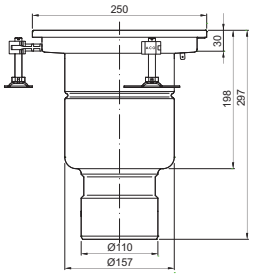
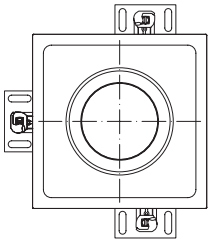
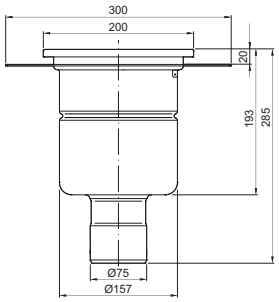
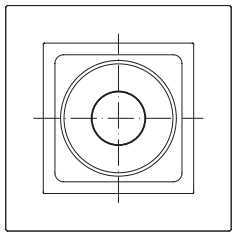
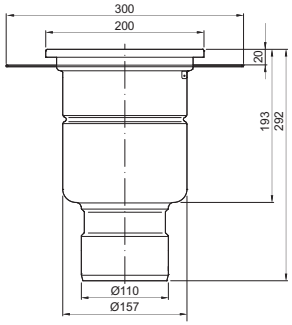
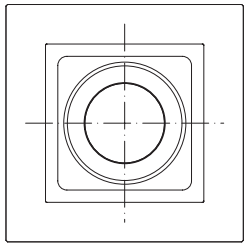
Gratings for gully top 200 x 200 mm ➔ Page 75

Accessories for ACO hygienic gully 157 ➔ Page 94

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	250 x 250	75	Without FAT	N/A	1.4301	408016
					1.4404	408116
			With FAT	2.7 / 4	1.4301	408017
					1.4404	408117
	200 x 200	110	Without FAT	N/A	1.4301	408002
					1.4404	408102
			With FAT	3.5 / 4.5	1.4301	408003
					1.4404	408103
	200 x 200 with extended vertical edge and PUR infill	110	With FAT	3.5 / 4.5	1.4301	445556
						

Gratings for gully top 200 x 200 mm ➔ Page 75
Gratings for gully top 250 x 250 mm ➔ Page 81

Accessories for ACO hygienic gully 157 ➔ Page 94

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Standard edge						
	250 x 250	110	Without FAT	N/A	1.4301	408018
					1.4404	408118
			With FAT	3.5 / 4.5	1.4301	408019
					1.4404	408119
Extended edge						
	200 x 200	75	With FAT	2.7 / 4	1.4301	408047
					1.4404	408147
	200 x 200	110	With FAT	3.5 / 4.5	1.4301	408099
					1.4404	408199

Gratings for gully top 200 x 200 mm ➔ Page 75
Gratings for gully top 250 x 250 mm ➔ Page 81
Accessories for ACO hygienic gully 157 ➔ Page 94

ACO hygienic gully 157
fixed height, vertical outlet, round top

Product information

Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body.

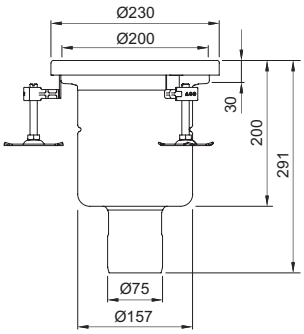
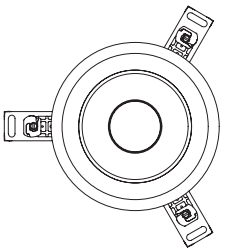
Those gullies can be combined with different grates depending on requested load class.

Product benefits

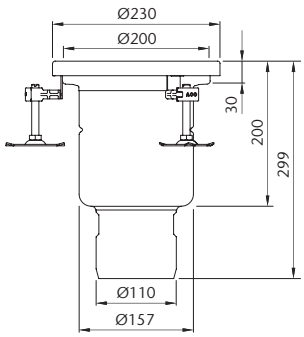
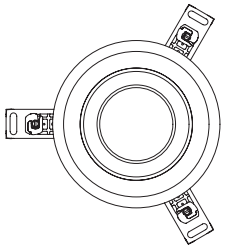
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Tested and certified according to EN 1253
- Wide range of gratings including slip resistant solution
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)
- Adjustable EasyFix levelling feet



Order information

	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
	ø [mm]	ø [mm]		[l/s]		
Standard edge						
	230	75	Without FAT	N/A	1.4301	446734
					1.4404	446742
			With FAT	2.7 / 4	1.4301	446735
					1.4404	446743

Gratings for gully top 200 x 200 mm ➔ Page 75
Accessories for ACO hygienic gully 157 ➔ Page 94

	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
	ø [mm]	ø [mm]		[l/s]		
	230	110	Without FAT	N/A	1.4301	446736
					1.4404	446744
			With FAT	3.5 / 4.5	1.4301	446737
					1.4404	446745

Gratings for gully top 200 x 200 mm ➔ Page 75
Gratings for gully top 250 x 250 mm ➔ Page 81
Accessories for ACO hygienic gully 157 ➔ Page 94

ACO hygienic gully 157
fixed height, horizontal outlet

Product information

Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body.

Those gullies can be combined with different grates depending on requested load class.

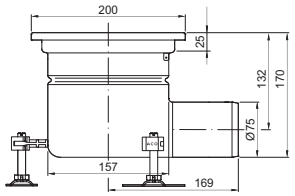
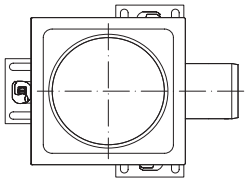
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Product benefits

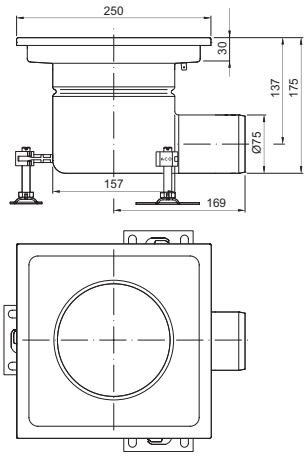
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



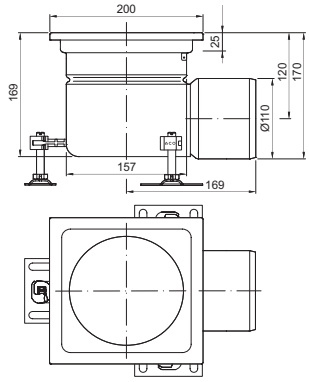
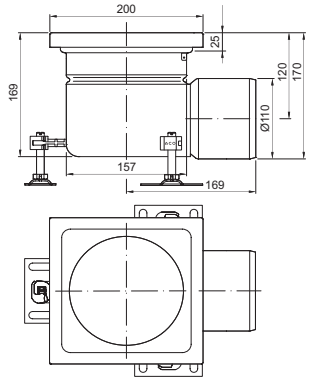
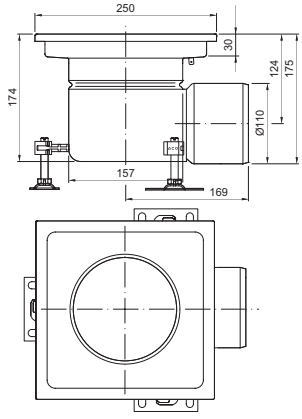
Order information

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Standard edge						
 	200 x 200	75	Without FAT	N/A	1.4301	408008
					1.4404	408108
			With FAT	2,6 / 4,2	1.4301	408009
					1.4404	408109

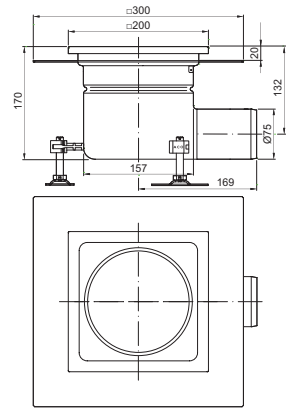
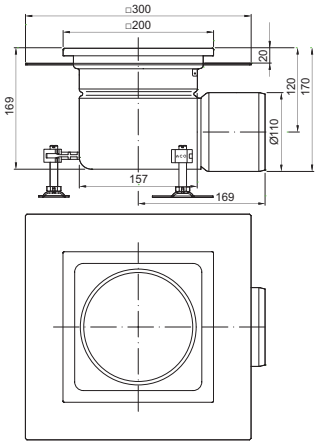
Gratings for gully top 200 x 200 mm ➔ Page 75
Accessories for ACO hygienic gully 157 ➔ Page 94

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	250 x 250	75	Without FAT	N/A	1.4301	408024
					1.4404	408124
			With FAT	2,6 / 4,2	1.4301	408025
					1.4404	408125

Standard edge

	200 x 200	110	Without FAT	N/A	1.4301	408010
					1.4404	408110
			With FAT	2,8 / 5	1.4301	408011
					1.4404	408111
	200 x 200 with extended vertical edge and PUR infill	110	With FAT	2,8 / 5	1.4301	445557
	250 x 250	110	Without FAT	N/A	1.4301	408026
					1.4404	408126
			With FAT	2,8 / 5	1.4301	408027
					1.4404	408127

Gratings for gully top 200 x 200 mm ➔ Page 75
Gratings for gully top 250 x 250 mm ➔ Page 81
Accessories for ACO hygienic gully 157 ➔ Page 94

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Extended edge						
	200 x 200	75	With FAT	2,6 / 4,2	1.4301	408014
					1.4404	408114
	200 x 200	110	With FAT	2,8 / 5	1.4301	408015
					1.4404	408115

Gratings for gully top 200 x 200 mm ➔ Page 75
Gratings for gully top 250 x 250 mm ➔ Page 81

Accessories for ACO hygienic gully 157 ➔ Page 94

ACO hygienic gully 157
fixed height, horizontal outlet, round top

Product information

Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body.

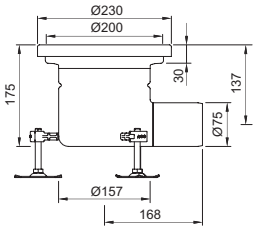
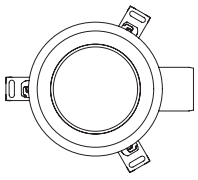
Those gullies can be combined with different grates depending on requested load class.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings including slip resistant solution
- Adjustable EasyFix levelling feet

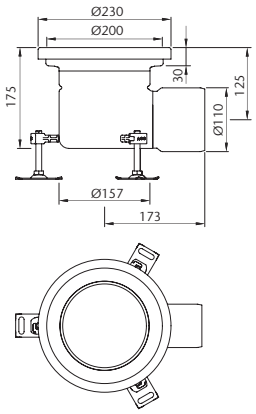


Order information

	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
	ø [mm]	ø [mm]		[l/s]		
Standard edge						
 	230	75	Without FAT	N/A	1.4301	446738
					1.4404	446746
			With FAT	2,6 / 4,2	1.4301	446739
					1.4404	446747

Gratings for gully top ø 230 mm ➔ Page 79

Accessories for ACO hygienic gully 157 ➔ Page 94

	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
	ø [mm]	ø [mm]		[l/s]		
	230	110	Without FAT	N/A	1.4301	446740
					1.4404	446748
			With FAT	2,8 / 5	1.4301	446741
					1.4404	446749

1

Gratings for gully top ø 230 mm ➔ Page 79
Accessories for ACO hygienic gully 157 ➔ Page 94

ACO hygienic gully 157 telescopic, vertical outlet

Product information

Telescopic gully can be combined either with gully top or ACO channel in most flooring constructions.

Telescopic solution enables height and rotational adjustment of connected gully top or channel.

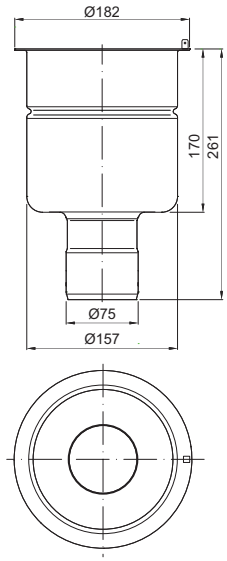
Gullies are equipped with flanges for connection of waterproof membrane.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Tested and certified according to EN1253
- Fire tested and certified solution available for classes EI90 – EI 180 (EN 13 501-2)
- Suitable for all floor types including vinyl flooring
- Telescopic friction ring included

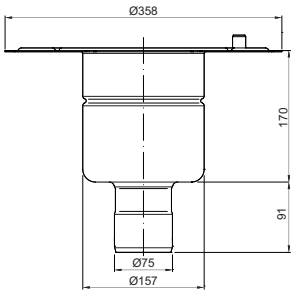
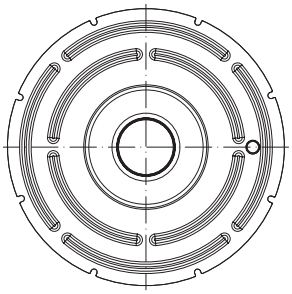
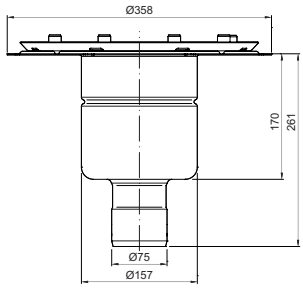
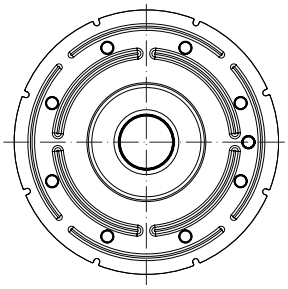
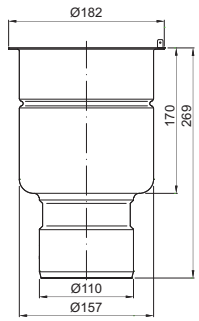
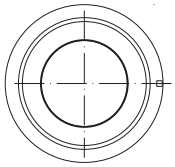


Order information

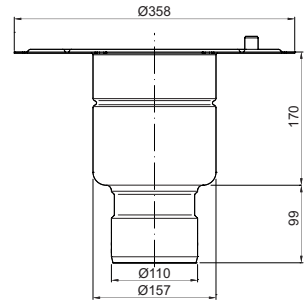
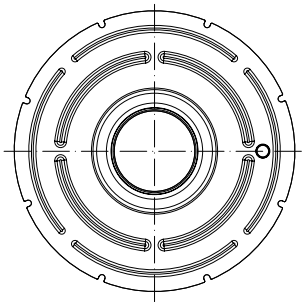
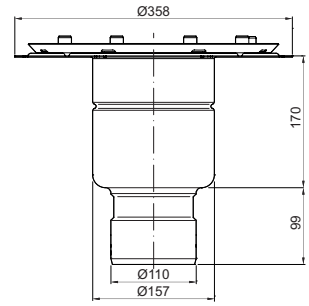
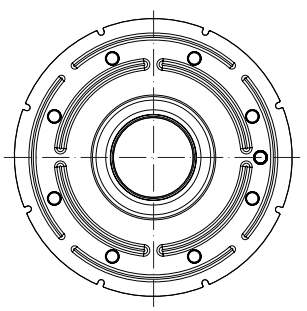


Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Location flange	75	Without FAT	N/A	1.4301	408048
				1.4404	408148
		With FAT	2,7 - 3,3 / 4	1.4301	408049
				1.4404	408149

Accessories for ACO hygienic gully 157 ➔ Page 94

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	Adhesive bonding flange	75	Without FAT	N/A	1.4301	408050
					1.4404	408150
			With FAT	2,7 - 3,3 / 4	1.4301	408051
					1.4404	408151
 	Mechanical clamping flange	75	Without FAT	N/A	1.4301	408052
					1.4404	408152
			With FAT	2,7 - 3,3 / 4	1.4301	408053
					1.4404	408153
 	Location flange	110	Without FAT	N/A	1.4301	408054
					1.4404	408154
			With FAT	3,5 - 4,4 / 4,5	1.4301	408055
					1.4404	408155

Accessories for ACO hygienic gully 157 ➔ Page 94

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	Adhesive bonding flange	110	Without FAT	N/A	1.4301	408056
					1.4404	408156
			With FAT	3,5 - 4,4 / 4,5	1.4301	408057
					1.4404	408157
 	Mechanical clamping flange	110	Without FAT	N/A	1.4301	408058
					1.4404	408158
			With FAT	3,5 - 4,4 / 4,5	1.4301	408059
					1.4404	408159

Accessories for ACO hygienic gully 157 ➔ Page 94

ACO hygienic gully 157 telescopic, horizontal outlet

Product information

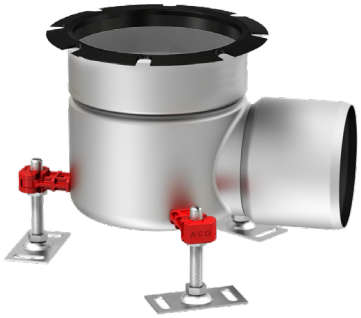
Telescopic gully can be combined either with gully top or ACO channel in most flooring constructions.

Telescopic solution enables height and rotational adjustment of connected gully top or channel.

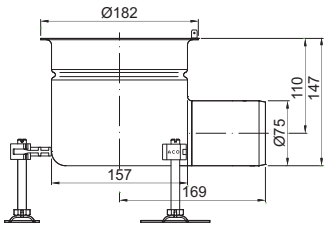
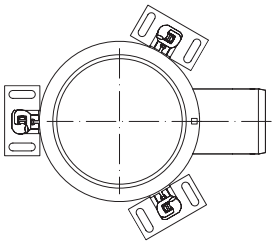
Gullies are equipped with flanges for connection of waterproof membrane.

Product benefits

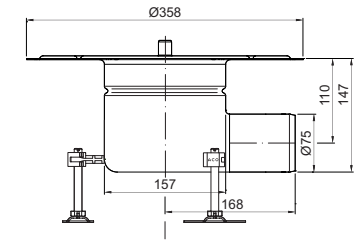
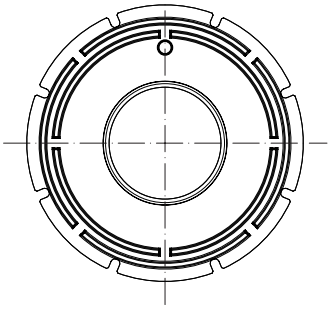
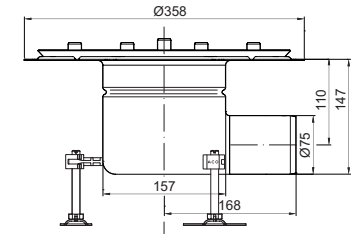
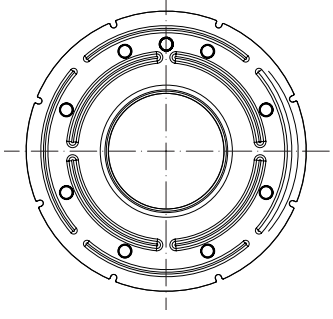
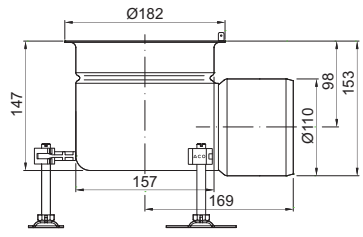
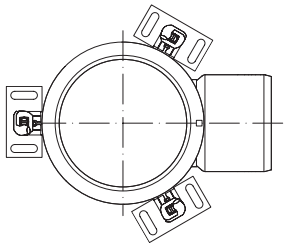
- EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Tested and certified according to EN 1253
- Suitable for all floor types including vinyl flooring
- Telescopic friction ring included
- Adjustable EasyFix levelling feet



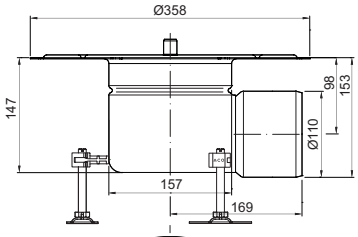
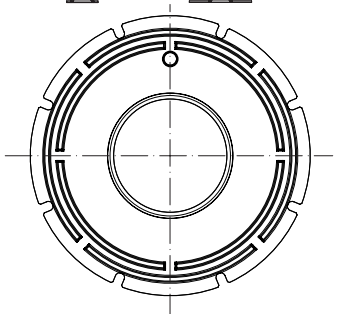
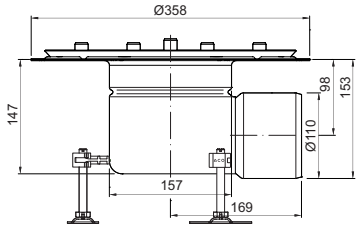
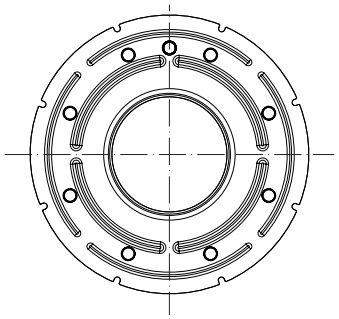
Order information

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	Location flange	75	Without FAT	N/A	1.4301	408072
					1.4404	408172
			With FAT	2,6 - 3,3 / 4,2	1.4301	408073
					1.4404	408173

Accessories for ACO hygienic gully 157 ➔ Page 94

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	Adhesive bonding flange	75	Without FAT	N/A	1.4301	408074
					1.4404	408174
			With FAT	2,6 - 3,3 / 4,2	1.4301	408075
					1.4404	408175
 	Mechanical clamping flange	75	Without FAT	N/A	1.4301	408076
					1.4404	408176
			With FAT	2,8 - 4,4 / 4,5	1.4301	408077
					1.4404	408177
 	Location flange	110	Without FAT	N/A	1.4301	408078
					1.4404	408178
			With FAT	2,8 - 4,4 / 4,5	1.4301	408079
					1.4404	408179

Accessories for ACO hygienic gully 157 ➔ Page 94

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	Adhesive bonding flange	110	Without FAT	N/A	1.4301	408080
					1.4404	408180
			With FAT	2,8 - 4,4 / 4,5	1.4301	408081
					1.4404	408181
 	Mechanical clamping flange	110	Without FAT	N/A	1.4301	408082
					1.4404	408182
			With FAT	2,8 - 4,4 / 4,5	1.4301	408083
					1.4404	408183

Accessories for ACO hygienic gully 157 ➔ Page 94

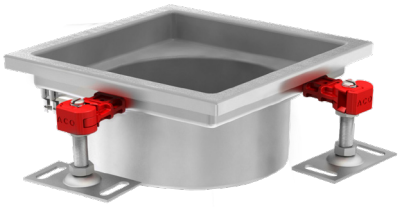
ACO hygienic gully 157 gully top, telescopic

Product information

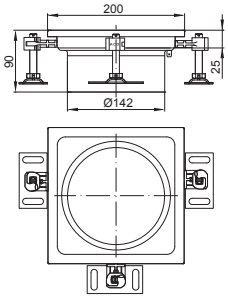
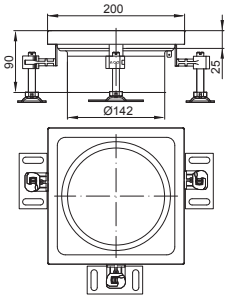
Gully top can be combined with telescopic gully. Different gully top type is available depending on floor structure.

Product benefits

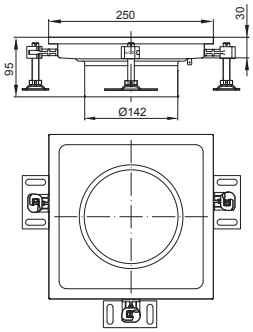
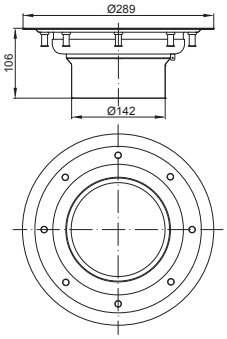
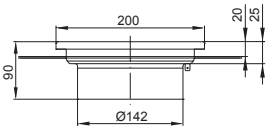
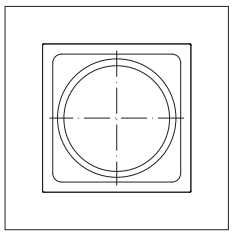
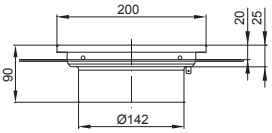
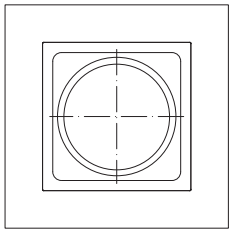
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



Order information

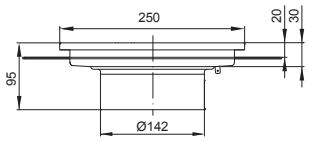
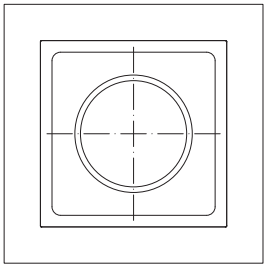
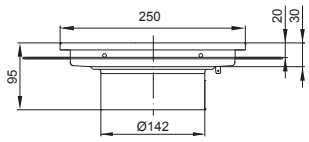
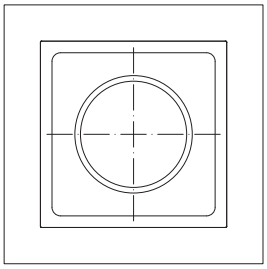
	Gully top type	Gully top size [mm]	Material	Item number
	Standard edge	200 x 200	1.4301	408208
			1.4404	408218
	Standard edge	200 x 200 with extended vertical edge	1.4301	446401

Gratings for gully top 200 x 200 mm ➔ Page 75
Accessories for ACO hygienic gully 157 ➔ Page 94

	Gully top type	Gully top size [mm]	Material	Item number
	Standard edge	250 x 250	1.4301	408248
			1.4404	408258
	Vinyl edge	Ø289	1.4301	408240*
			1.4404	408250*
 	Extended edge	200 x 200	1.4301	408241
			1.4404	408251
 	Extended edge with drainage holes	200 x 200	1.4301	408244
			1.4404	408254

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

Gratings for gully top 200 x 200 mm ➔ Page 75
Gratings for gully top 250 x 250 mm ➔ Page 81
Gratings for vinyl top Ø170 mm ➔ Page 91
Accessories for ACO hygienic gully 157 ➔ Page 94

	Gully top type	Gully top size [mm]	Material	Item number
	Extended edge	250 x 250	1.4301	408245
			1.4404	408255
	Extended edge with drainage holes	250 x 250	1.4301	408246
			1.4404	408256

1

Gratings for gully top 250 x 250 mm ➔ Page 81
Accessories for ACO hygienic gully 157 ➔ Page 94

ACO hygienic gully 157
gully top, telescopic, round top

Product information

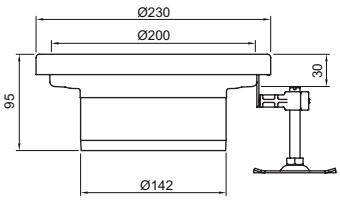
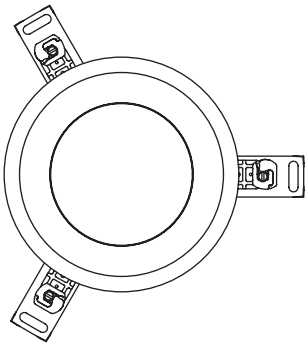
Gully top can be combined with telescopic gully. Different gully top type is available depending on floor structure.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings including slip resistant solution
- Adjustable EasyFix levelling feet



Order information

	Gully top type	Gully top size ø [mm]	Material	Item number
	Standard edge	230	1.4301	446750
			1.4404	446751

Gratings for gully top ø 230 mm ➔ Page 79
Accessories for ACO hygienic gully 157 ➔ Page 94

ACO hygienic gully 157 raising piece, telescopic

Product information

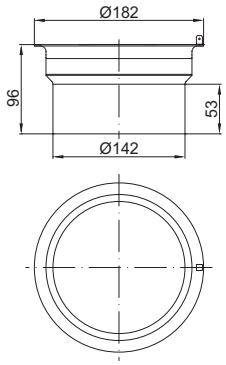
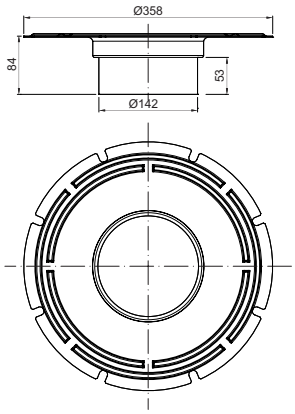
Raising piece can be used for floor structures where multiple water-proofing is needed (heat insulation) or where construction height of the slab needs to be increased.

Product benefits

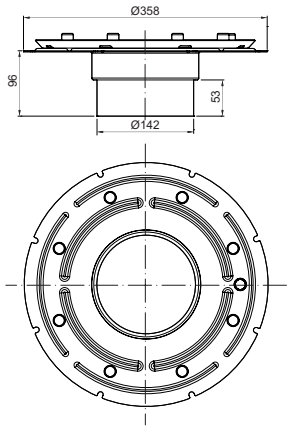
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Tested and certified according to EN 1253
- Suitable for all floor types including vinyl flooring
- Variety of flanges for membranes
- Telescopic friction ring included



Order information

	Type of flange	Material	Item number
	Location flange	1.4301	408249
		1.4404	408259
	Adhesive bonding flange	1.4301	408206
		1.4404	408216

Accessories for ACO hygienic gully 157 ➔ Page 94

	Type of flange	Material	Item number
	Mechanical clamping flange	1.4301	408207
		1.4404	408217

Accessories for ACO hygienic gully 157 ➔ Page 94

ACO hygienic gully 218
fixed height, vertical outlet - square top

Product information

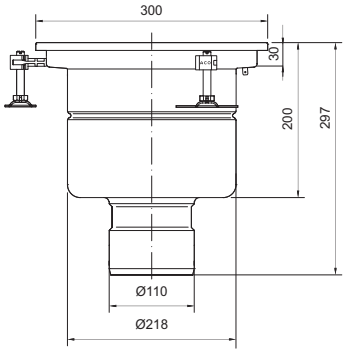
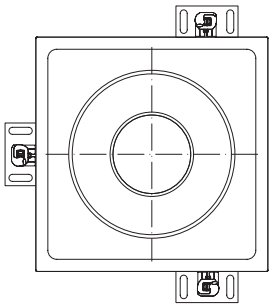
Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body. Those gullies can be combined with different grates depending on requested load class.

Product benefits

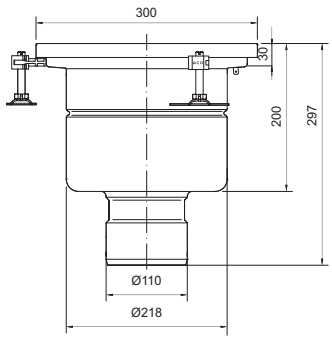
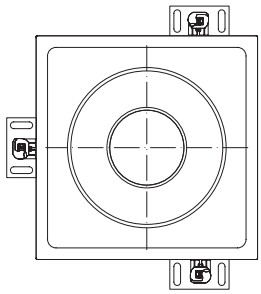
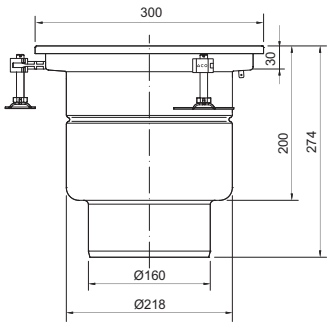
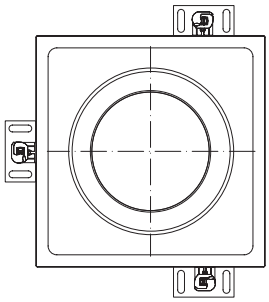
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



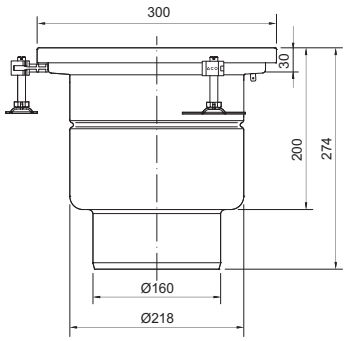
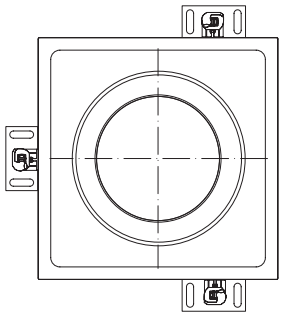
Order information

	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
	[mm]	ø [mm]		[l/s]		
Standard edge						
	300 x 300	110	Without FAT	N/A	1.4301	408004
					1.4404	408104
			With FAT	4.8 / 5.5	1.4301	408005
					1.4404	408105

Gratings for gully top 300 x 300 mm ➔ Page 85
Accessories for ACO hygienic gully 218 ➔ Page 95

	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
	[mm]	ø [mm]		[l/s]		
 	300 x 300 with extended vertical edge and PUR infill	110	With FAT	4.8 / 5.5	1.4301	445559
 	300 x 300	160	Without FAT	N/A	1.4301	408006
					1.4404	408106
			With FAT	5.0 / 5.5	1.4301	408007
					1.4404	408107

Gratings for gully top 300 x 300 mm ➔ Page 85
Accessories for ACO hygienic gully 218 ➔ Page 95

	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
	[mm]	ø [mm]		[l/s]		
 	300 x 300 with extended vertical edge and PUR infill	160	With FAT	5.0 / 5.5	1.4301	445560

Gratings for gully top 300 x 300 mm ➔ Page 85
Accessories for ACO hygienic gully 218 ➔ Page 95

ACO hygienic gully 218 extended fixed height, vertical outlet

Product information

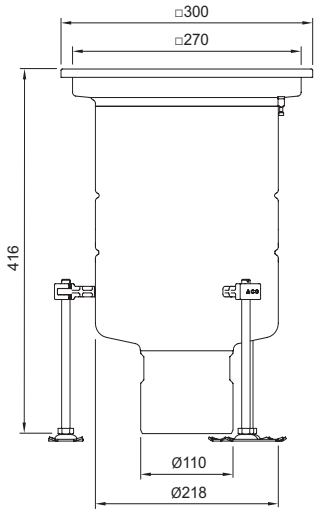
Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body. Those gullies can be combined with different grates depending on requested load class.

Product benefits

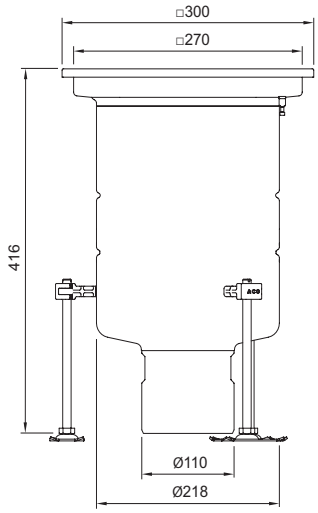
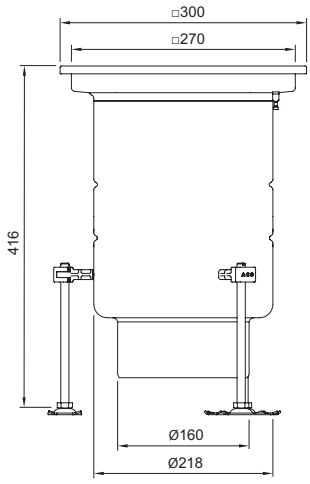
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



Order information

	Description	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
		[mm]	ø [mm]		[l/s]		
Standard edge							
	extended foul air trap	300 x 300	110	Without FAT	N/A	1.4301	446849
						1.4404	446851
				With FAT	6.5 / 9.5	1.4301	446848
						1.4404	446850

Gratings for gully top 300 x 300 mm ➔ Page 85
Accessories for ACO hygienic gully 218 ➔ Page 95

	Description	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
		[mm]	ø [mm]		[l/s]		
	waste filter basket	300 x 300	110	With FAT	6.5 / 4.8	1.4301	446941
						1.4404	446942
	waste filter basket	300 x 300	160	With FAT	6.5 / 4.8	1.4301	446943
						1.4404	446944

Gratings for gully top 300 x 300 mm ➔ Page 85
Accessories for ACO hygienic gully 218 ➔ Page 95

ACO hygienic gully 218
fixed height, vertical outlet - round top

Product information

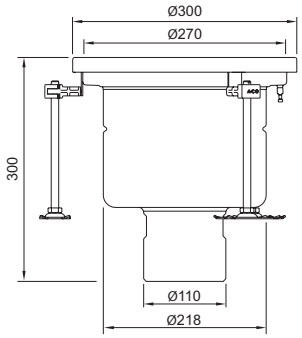
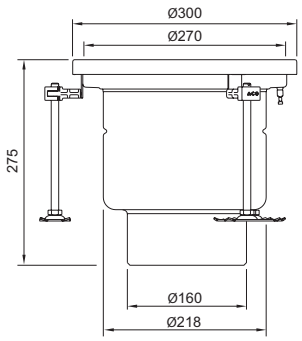
Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body. Those gullies can be combined with different grates depending on requested load class.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



Order information

	Top diameter	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
	[mm]	ø [mm]		[l/s]		
Standard edge						
	300	110	Without FAT	N/A	1.4301	446752
					1.4404	446758
			With FAT	4.8 / 5.5	1.4301	446753
					1.4404	446759
	300	160	Without FAT	N/A	1.4301	446754
					1.4404	446760
			With FAT	5.0 / 5.5	1.4301	446755
					1.4404	446761

Gratings for gully top ø 300 mm ➔ Page 89
Accessories for ACO hygienic gully 218 ➔ Page 95

ACO hygienic gully 218
fixed height, horizontal outlet - square top

Product information

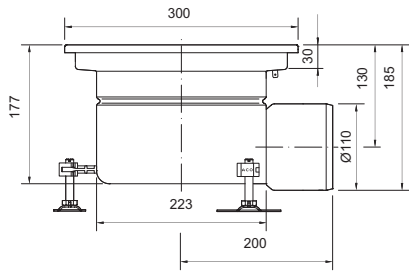
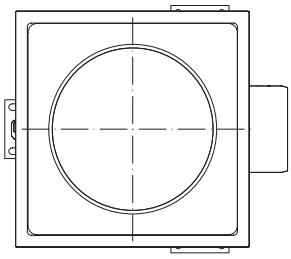
Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body. Those gullies can be combined with different grates depending on requested load class.

Product benefits

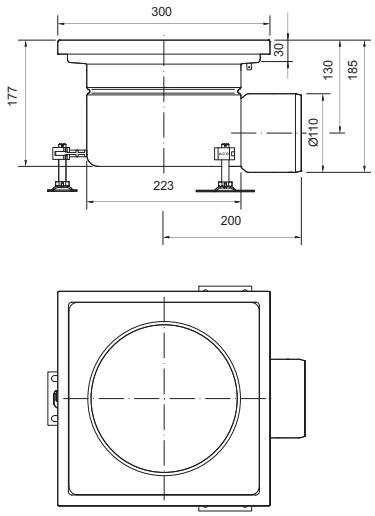
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



Order information

	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Standard edge						
	300 x 300	110	Without FAT	N/A	1.4301	408012
					1.4404	408112
			With FAT	4,4 / 5	1.4301	408013
					1.4404	408113

Accessories for ACO hygienic gully 218 ➔ Page 95

	Top size	Outlet diameter	Foul air trap	Flow rate EN-1253-1 / Direct	Material	Item number
	[mm]	ø [mm]		[l/s]		
	300 x 300 with extended vertical edge and PUR infill	110	With FAT	4,4 / 5	1.4301	445561

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Accessories for ACO hygienic gully 218 ➔ Page 95

ACO hygienic gully 218 extended fixed height, horizontal outlet

Product information

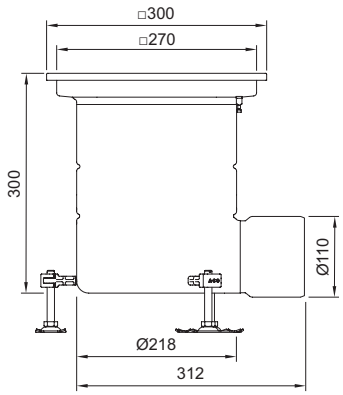
Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body. Those gullies can be combined with different grates depending on requested load class.

Product benefits

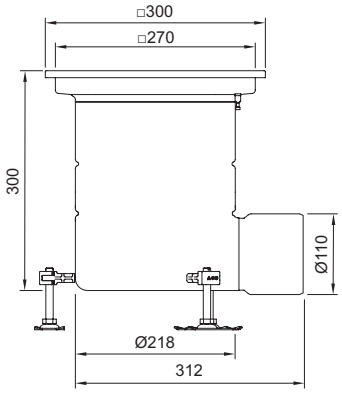
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



Order information

Description	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Standard edge						
 extended foul air trap	300 x 300	110	Without FAT	N/A	1.4301	447664
					1.4404	447666
			With FAT	6.5 / 8.8	1.4301	447663
					1.4404	447665

Gratings for gully top 300 x 300 mm ➔ Page 85
Accessories for ACO hygienic gully 218 ➔ Page 95

	Description	Top size [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	waste filter basket	300 x 300	110	With FAT	6.5 / 8.8	1.4301	446939
						1.4404	446940

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Accessories for ACO hygienic gully 218 ➔ Page 95

ACO hygienic gully 218
fixed height, horizontal outlet - round top

Product information

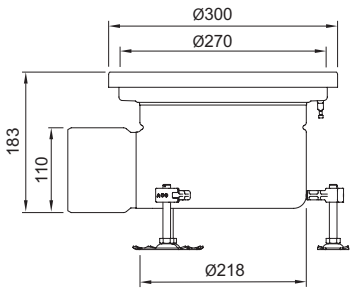
Fixed height gully can be specified as a point drainage in areas where waterproofing is independent of the gully body. Those gullies can be combined with different grates depending on requested load class.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet



Order information

	Top diameter [mm]	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Standard edge						
	300	110	Without FAT	N/A	1.4301	446756
					1.4404	446762
			With FAT	4.4 / 5	1.4301	446757
					1.4404	446763

Gratings for gully top ø 300 mm ➔ Page 89
Accessories for ACO hygienic gully 218 ➔ Page 95

ACO hygienic gully 218 telescopic, vertical outlet

Product information

Telescopic gully can be combined either with ACO gully top or ACO channel in most flooring constructions.

Telescopic solution enables height and rotational adjustment of connected gully top or channel.

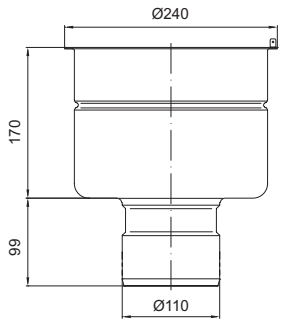
Gullies are equipped with flanges for connection of waterproof membrane.

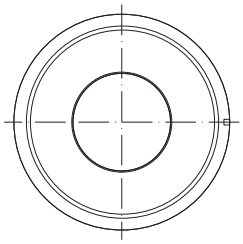
Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Tested and certified according to EN 1253
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)
- Suitable for all floor types including vinyl flooring
- Telescopic friction ring included



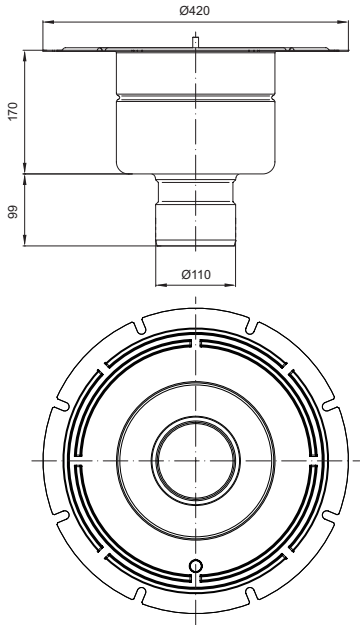
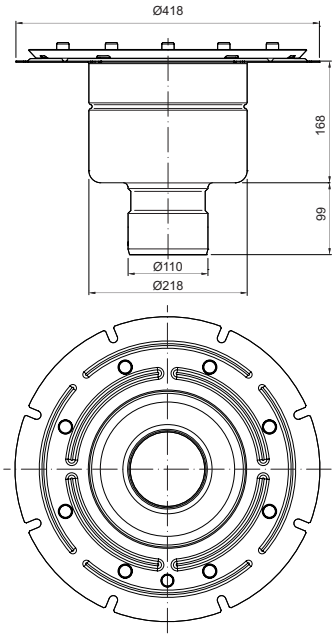
Order information



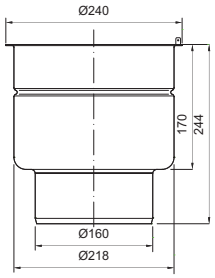
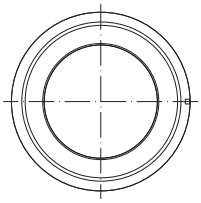
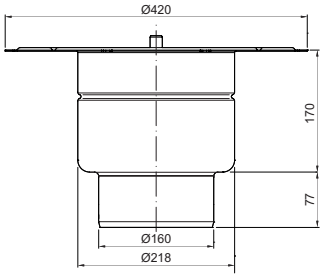
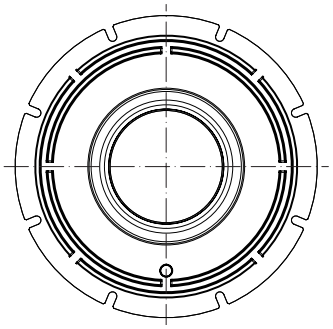
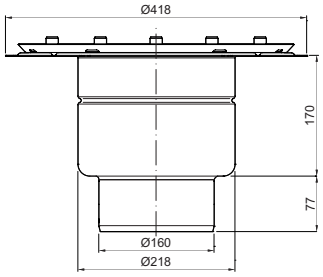
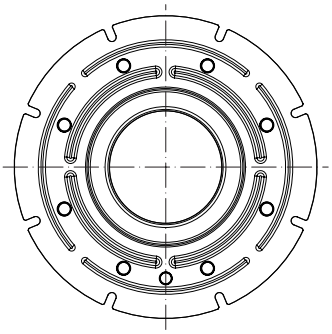


Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
Location flange	110	Without FAT	N/A	1.4301	408060
				1.4404	408160
		With FAT	5 - 6,2 / 5,5	1.4301	408061
				1.4404	408161

Accessories for ACO hygienic gully 218 ➔ Page 95

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	Adhesive bonding flange	110	Without FAT	N/A	1.4301	408062
					1.4404	408162
			With FAT	5 - 6,2 / 5,5	1.4301	408063
					1.4404	408163
	Mechanical clamping flange	110	Without FAT	N/A	1.4301	408064
					1.4404	408164
			With FAT	5 - 6,2 / 5,5	1.4301	408065
					1.4404	408165

Accessories for ACO hygienic gully 218 ➔ Page 95

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
	Location flange	160	Without FAT	N/A	1.4301	408066
					1.4404	408166
			With FAT	5 - 6,2 / 5,5	1.4301	408067
					1.4404	408167
	Adhesive bonding flange	160	Without FAT	N/A	1.4301	408068
					1.4404	408168
			With FAT	5 - 6,2 / 5,5	1.4301	408069
					1.4404	408169
	Mechanical clamping flange	160	Without FAT	N/A	1.4301	408070
					1.4404	408170
			With FAT	5 - 6,2 / 5,5	1.4301	408071
					1.4404	408171

Accessories for ACO hygienic gully 218 ➔ Page 95

ACO hygienic gully 218 telescopic, horizontal outlet

Product information

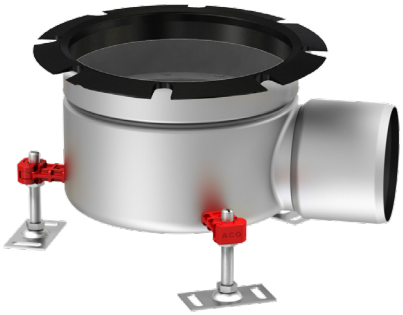
Telescopic gully can be combined either with gully top or ACO channel in most flooring constructions.

Telescopic solution enables height and rotational adjustment of connected gully top or channel.

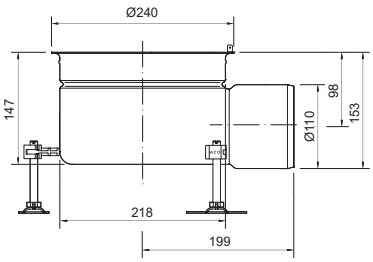
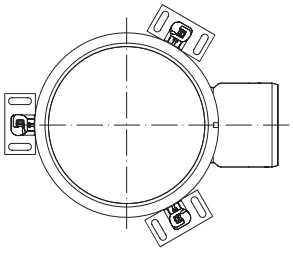
Gullies are equipped with flanges for connection of waterproof membrane.

Product benefits

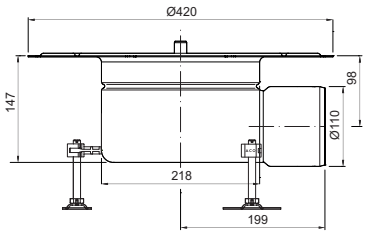
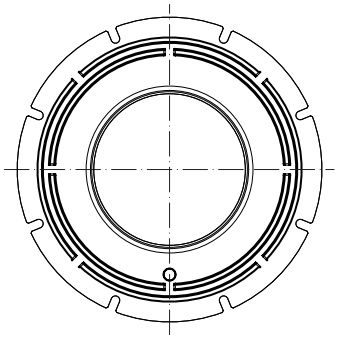
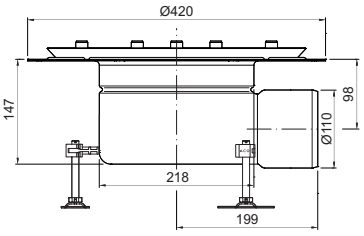
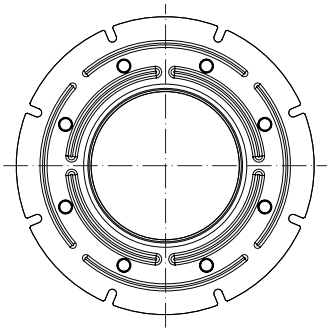
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Tested and certified according to EN 1253
- Suitable for all floor types including vinyl flooring
- Telescopic friction ring included
- Adjustable EasyFix levelling feet



Order information

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	Location flange	110	Without FAT	N/A	1.4301	408084
					1.4404	408184
			With FAT	4,4 - 5,4 / 5	1.4301	408085
					1.4404	408185

Accessories for ACO hygienic gully 218 ➔ Page 95

	Type of flange	Outlet diameter ø [mm]	Foul air trap	Flow rate EN-1253-1 / Direct [l/s]	Material	Item number
 	Adhesive bonding flange	110	Without FAT	N/A	1.4301	408086
					1.4404	408186
			With FAT	4,4 - 5,4 / 5	1.4301	408087
					1.4404	408187
 	Mechanical clamping flange	110	Without FAT	N/A	1.4301	408088
					1.4404	408188
			With FAT	4,4 - 5,4 / 5	1.4301	408089
					1.4404	408189

Accessories for ACO hygienic gully 218 ➔ Page 95

ACO hygienic gully 218 gully top, telescopic

Product information

Telescopic gully can be combined either with gully top or ACO channel in most flooring constructions.

Telescopic solution enables height and rotational adjustment of connected gully top or channel.

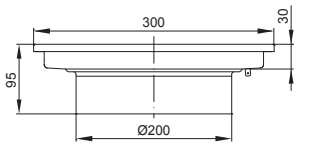
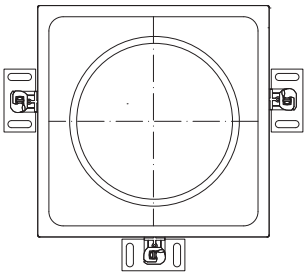
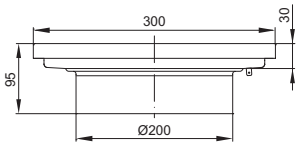
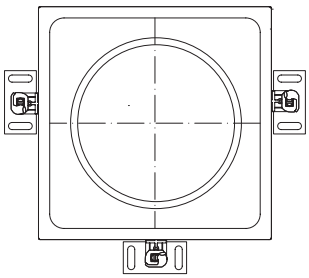
Gullies are equipped with flanges for connection of waterproof membrane.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings for load class L 15, R 50, M 125 or N 250 (EN 1253) including slip resistant solution
- Adjustable EasyFix levelling feet

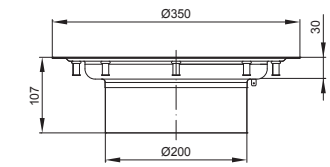
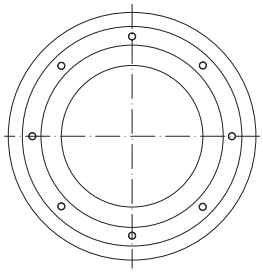
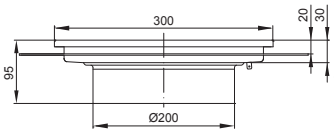
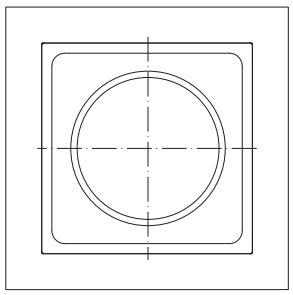
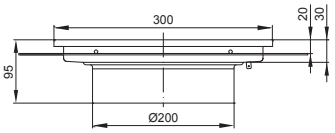
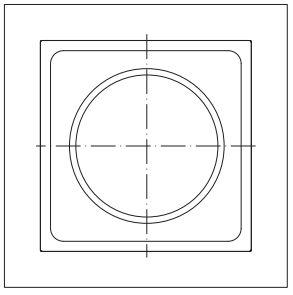


Order information

	Gully Top type	Gully Top size [mm]	Material	Item number
 	Standard edge	300 x 300	1.4301	408228
			1.4404	408238
 	Standard edge	300 x 300 with extended vertical edge	1.4301	446402

Gratings for gully top 300 x 300 mm ➔ Page 85

Accessories for ACO hygienic gully 218 ➔ Page 95

	Gully Top type	Gully Top size [mm]	Material	Item number
	Vinyl edge	ø350	1.4301	408242*
			1.4404	408252*
	Extended edge	300 x 300	1.4301	408243
			1.4404	408253
	Extended edge with drainage holes	300 x 300	1.4301	408247
			1.4404	408257

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

Gratings for gully top 300 x 300 mm ➔ Page 85
Gratings for vinyl top Ø222 mm ➔ Page 92
Accessories for ACO hygienic gully 218 ➔ Page 95

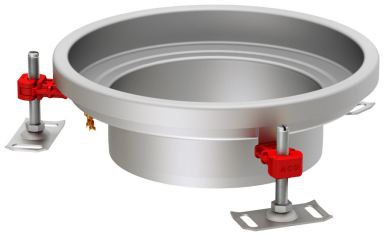
ACO hygienic gully 218
gully top, telescopic, round top

Product information

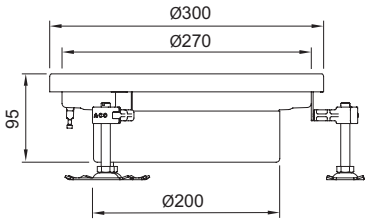
Gully top can be combined with telescopic gully. Different gully top type is available depending on floor structure.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- Wide range of gratings including slip resistant solution
- Adjustable EasyFix levelling feet



Order information

	Gully top type	Gully top size ø [mm]	Material	Item number
	Standard edge	300	1.4301	446764
			1.4404	446765

Gratings for gully top ø 300 mm ➔ Page 89
Accessories for ACO hygienic gully 218 ➔ Page 95

ACO hygienic gully 218 raising piece, telescopic

Product information

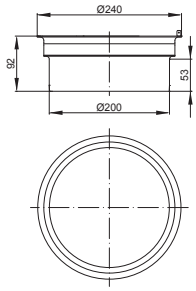
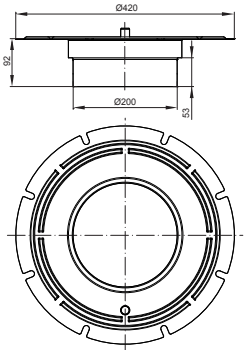
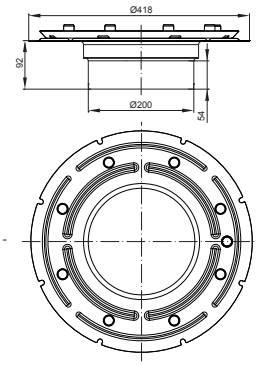
Raising piece can be used for floor structures where multiple waterproofing is needed

(heat insulation) or where construction height of the slab needs to be increased.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Tested and certified according to EN 1253
- Suitable for all floor types including vinyl flooring
- Variety of flanges for membranes
- Telescopic friction ring included



	Type of flange	Material	Item number
	Location flange	1.4301	408209
		1.4404	408219
	Adhesive bonding flange	1.4301	408226
		1.4404	408236
	Mechanical clamping flange	1.4301	408227
		1.4404	408237

Accessories for ACO hygienic gully 218 ➔ Page 95

ACO gully EG150 telescopic, vertical outlet

Product information

ACO gully EG150 can be combined with ACO channel with outlet diameter 110 mm.

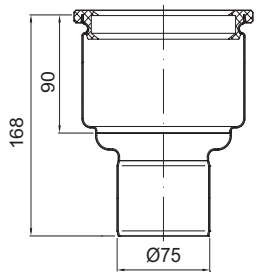
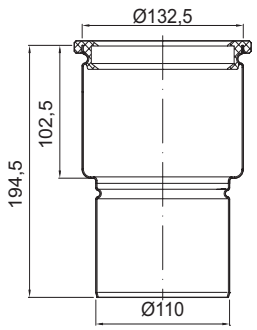
Foul air trap needs to be ordered separately.



Product benefits

- Stainless steel construction for durability and long life

Order information

	FAT	Material	Item number
	Without FAT	1.4301	405066*
		1.4404	402663*
	Without FAT	1.4301	408805*
		1.4404	405312*

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

Accessories for ACO gully EG150 ➔Page 96

ACO gully EG150 telescopic, horizontal outlet

Product information

ACO gully EG150 can be combined with ACO channel with outlet diameter 110 mm.

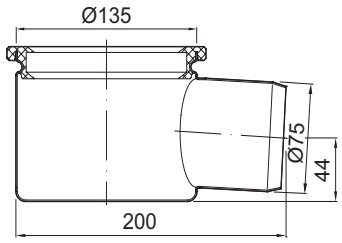
Foul air trap needs to be ordered separately.

Product benefits

- Stainless steel construction for durability and long life



Order information

	FAT	Material	Item number
	Without FAT	1.4301	406677*
		1.4404	405311*

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

Accessories for ACO gully EG150 ➔Page 96

Gratings
for gully top 200x200

Product information

Variety of grate types is available depending on application and requested load class.

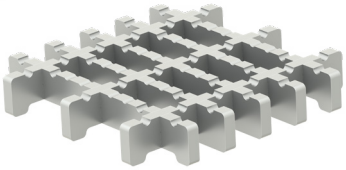
For applications with high hygienic demands ladder grate or cast grate should be selected.

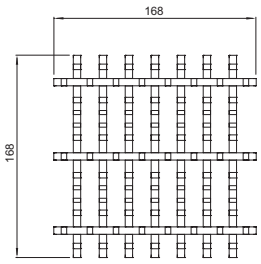
Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fits to stainless steel gully, fully compliant to EN 1253 and NSF International
- Range of gratings suitable to load class L 15, R 50, M 125 or N 250 (EN 1253)
- Slip resistant solution available

Order information

ACO hygienic frameless ladder grating





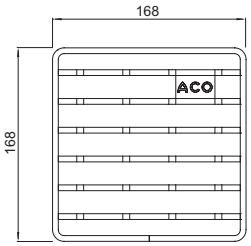
Load class	Slip resistant	Material	Item number
M 125	Yes	1.4301	446264
		1.4404	446265

Note: Surface electropolished

ACO hygienic gully 142 – fixed height ➔ Page 15, 18
ACO hygienic gully 142 – gully top, telescopic ➔ Page 27
ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top - telescopic ➔ Page 47

ACO hygienic ladder grating

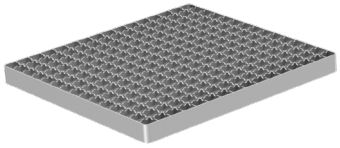


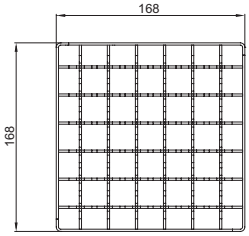


Load class	Slip resistant	Material	Item number
R 50	Yes	1.4301	416912
		1.4404	416913
M 125	Yes	1.4301	408093
		1.4404	408193
N 250	No	1.4301	408043
		1.4404	408143

Note: Surface electropolished

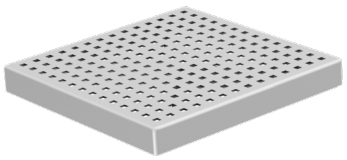
ACO mesh grating

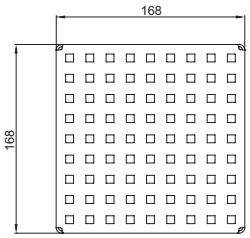




Load class	Slip resistant	Material	Item number
L 15	Yes	1.4301	408090*
		1.4404	408190*
	No	1.4301	408091*
		1.4404	408191*

ACO quadrato grating



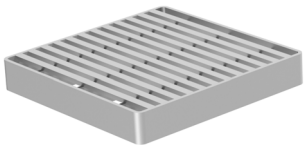


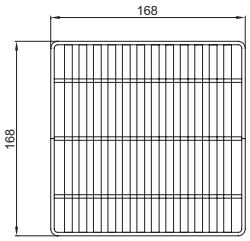
Load class	Slip resistant	Material	Item number
L 15	No	1.4301	408092*
		1.4404	408192*

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

ACO hygienic gully 142 – fixed height ➔ Page 15, 18
ACO hygienic gully 142 – gully top, telescopic ➔ Page 27
ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top - telescopic ➔ Page 47

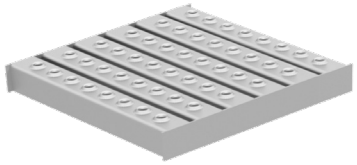
ACO heelsafe grating

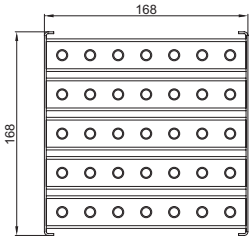




Load class	Slip resistant	Material	Item number
L 15	No	1.4301	408022*
		1.4404	408122*

ACO multi-slot 5 grating

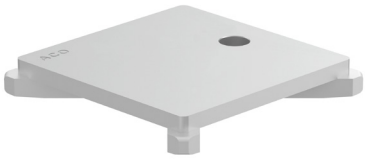


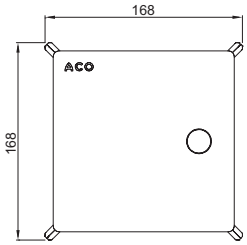


Load class	Slip resistant	Material	Item number
L 15	Yes	1.4301	408094*
		1.4404	408194*

Note: Surface electropolished

ACO hygienic slot cover





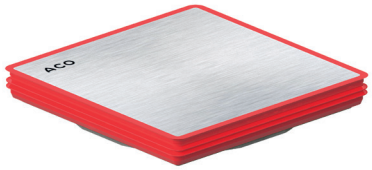
R 50	Yes	1.4301	445780
		1.4404	445781
M 125	Yes	1.4301	445782
		1.4404	445783

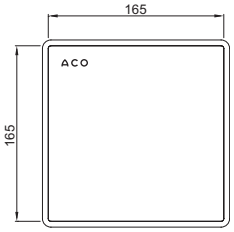
Note: Top surface sandblasted

ACO odour proof gully cover

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

ACO hygienic gully 142 – fixed height ➔ Page 15, 18
ACO hygienic gully 142 – gully top, telescopic ➔ Page 27
ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top - telescopic ➔ Page 47



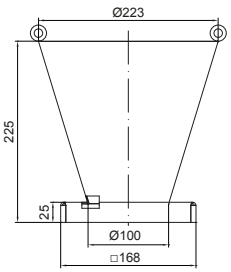


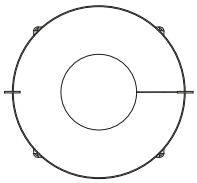
Load class	Slip resistant	Material	Item number
R 50	No	1.4404	445398*
M 125	No	1.4404	445605*

For ACO vacuum handle, please go to page 91

ACO tundish for gully top







Description	Material	Item number
ACO tundish for gully top 200 x 200	1.4301	415918

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

ACO hygienic gully 142 – fixed height ➔ Page 15, 18
ACO hygienic gully 142 – gully top, telescopic ➔ Page 27
ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top - telescopic ➔ Page 47
ACO modular slot channel 20 ➔ Page 183

Gratings
for gully top ø 230 mm

Product information

Variety of grate types is available depending on application and requested load class.

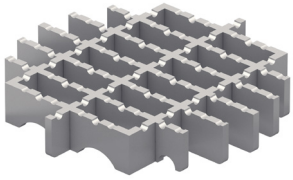
For applications with high hygienic demands ladder grate or cast grate should be selected.

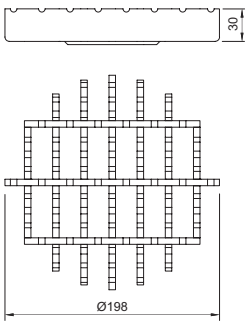
Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fits to stainless steel gully, fully compliant to EN 1253 and NSF International
- Range of gratings suitable to load class R 50 and M 125 (EN 1253)
- Slip resistant solution available

Order information

ACO hygienic frameless ladder grating - round



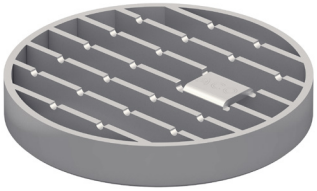


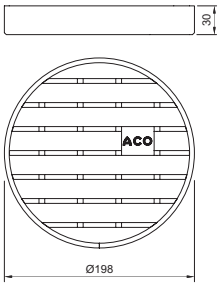
Load class	Slip resistant	Material	Item number
R 50	Yes	1.4301	446780
		1.4404	446781
M 125	Yes	1.4301	446784
		1.4404	446785

Note: Surface electropolished

ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top, telescopic ➔ Page 47

ACO hygienic ladder grating - round

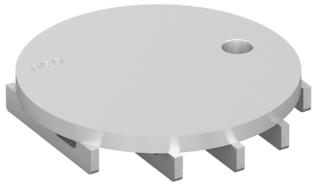


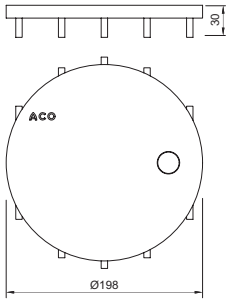


Load class	Slip resistant	Material	Item number
R 50	Yes	1.4301	447761
		1.4404	447762
M 125	Yes	1.4301	446776
		1.4404	446777

Note: Surface electropolished

ACO hygienic slot cover - round



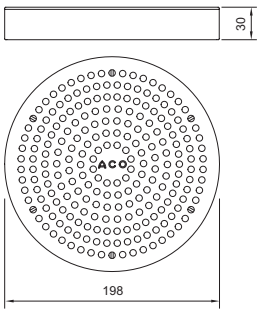


Load class	Slip resistant	Material	Item number
M 125	Yes	1.4301	446788
		1.4404	446789

Note: Top surface sandblasted

ACO perforated grating - round





Load class	Slip resistant	Material	Item number
L 15	No	1.4301	447728
		1.4404	447736

Note: Surface electropolished

ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top, telescopic ➔ Page 47

Gratings
for gully top 250x250

Product information

Variety of grate types is available depending on application and requested load class

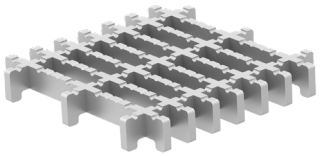
For applications with high hygienic demands ladder grate or cast grate should be selected.

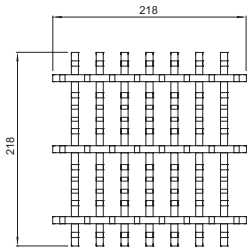
Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fits to stainless steel gully, fully compliant to EN 1253 and NSF International
- Range of gratings suitable to load class L 15, R 50, M 125 or N 250 (EN 1253)
- Slip resistant solution available

Order information

ACO hygienic frameless ladder grating



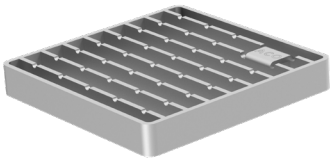


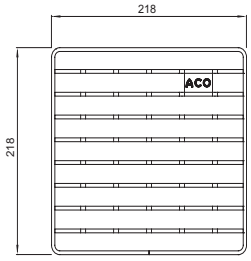
Load class	Slip resistant	Material	Item number
M 125	Yes	1.4301	446268
		1.4404	446269

Note: Surface electropolished

ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top, telescopic ➔ Page 47

ACO hygienic ladder grating

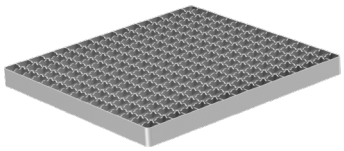


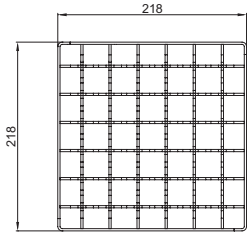


Load class	Slip resistant	Material	Item number
R 50	Yes	1.4301	416914
		1.4404	416915
M 125	Yes	1.4301	408028
		1.4404	408128
N 250	No	1.4301	408044
		1.4404	408144

Note: Surface electropolished

ACO mesh grating



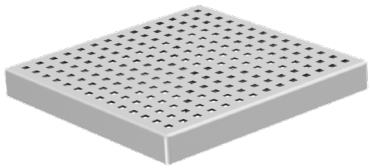


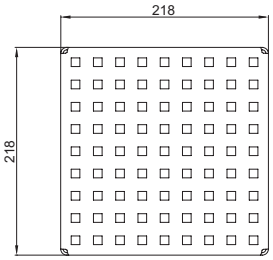
Load class	Slip resistant	Material	Item number
L 15	Yes	1.4301	408095*
		1.4404	408195*
	No	1.4301	408096*
		1.4404	408196*

Note: Surface electropolished

ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top, telescopic ➔ Page 47

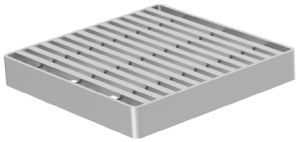
ACO quadrato grating

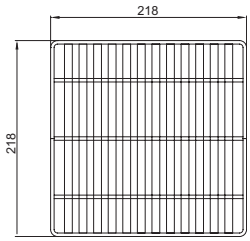




Load class	Slip resistant	Material	Item number
L 15	No	1.4301	408097*
		1.4404	408197*

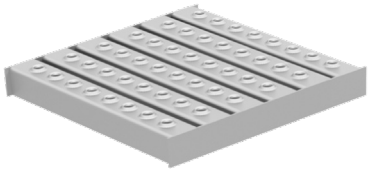
ACO heelsafe grating

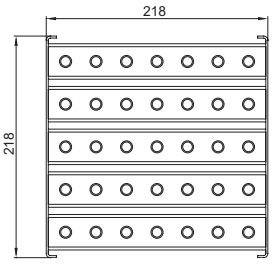




Load class	Slip resistant	Material	Item number
L 15	No	1.4301	408031*
		1.4404	408131*

ACO multi-slot 5 grating





Load class	Slip resistant	Material	Item number
L 15	Yes	1.4301	408033*
		1.4404	408133*

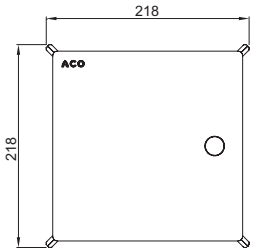
Note: Surface electropolished

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top, telescopic ➔ Page 47

ACO hygienic slot cover

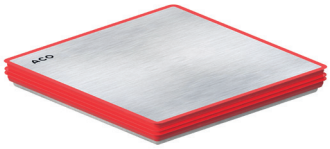


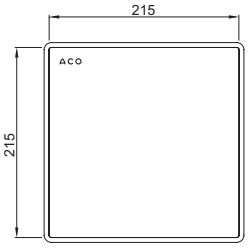


Load class	Slip resistant	Material	Item number
R 50	Yes	1.4301	445784
		1.4404	445785
M 125	Yes	1.4301	445786
		1.4404	445787

Note: Top surface sandblasted

ACO odour proof gully cover



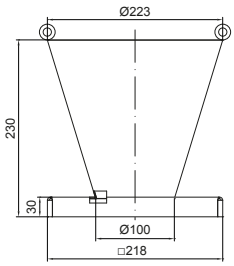


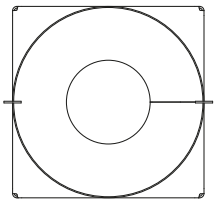
Load class	Slip resistant	Material	Item number
R 50	No	1.4404	445399*
M 125	No	1.4404	445607*

For ACO vacuum handle, please go to page 92

ACO tundish for gully top







Description	Material	Item number
ACO tundish for gully top 250 x 250	1.4301	413546

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

ACO hygienic gully 157 – fixed height ➔ Page 31, 36
ACO hygienic gully 157 – gully top, telescopic ➔ Page 47

Gratings
for gully top 300x300

Product information

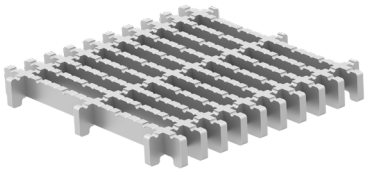
Variety of grate types is available depending on application and requested load class.

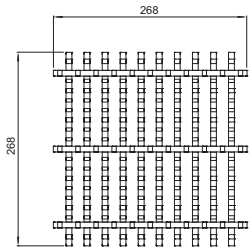
For applications with high hygienic demands ladder grate or cast grate should be selected.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fits to stainless steel gully, fully compliant to EN 1253 and NSF International
- Range of gratings suitable to load class L 15, R 50, M 125 or N 250 (EN 1253)
- Slip resistant solution available

ACO hygienic frameless ladder grating



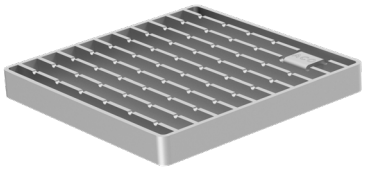


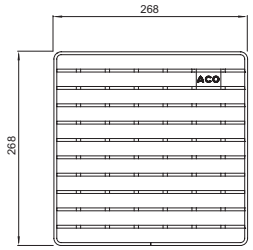
Load class	Slip resistant	Material	Item number
M 125	Yes	1.4301	446272
		1.4404	446273

Note: Surface electropolished

ACO hygienic gully 218 – fixed height ➔ Page 53, 59
ACO hygienic gully 218 – gully top, telescopic ➔ Page 69

ACO hygienic ladder grating

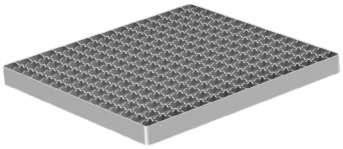


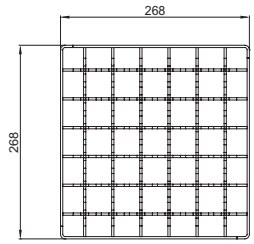


Load class	Slip resistant	Material	Item number
R 50	Yes	1.4301	416916
		1.4404	416917
M 125	Yes	1.4301	408037
		1.4404	408137
N 250	No	1.4301	408045
		1.4404	408145

Note: Surface electropolished

ACO mesh grating

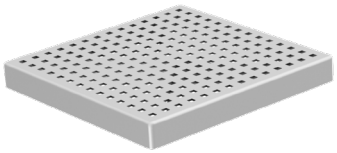


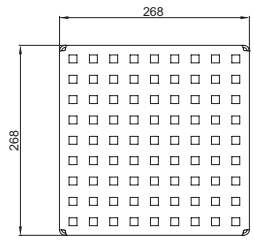


Load class	Slip resistant	Material	Item number
L 15	Yes	1.4301	408034
		1.4404	408134
	No	1.4301	408035*
		1.4404	408135*

Note: Surface electropolished

ACO quadrato grating



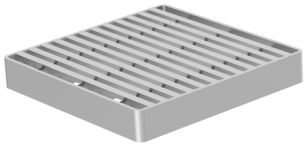


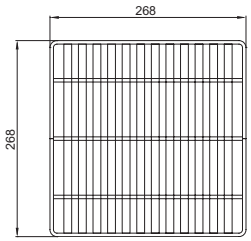
Load class	Slip resistant	Material	Item number
L 15	No	1.4301	408036*
		1.4404	408136*

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

ACO hygienic gully 218 – fixed height ➔ Page 53, 59
ACO hygienic gully 218 – gully top, telescopic ➔ Page 69

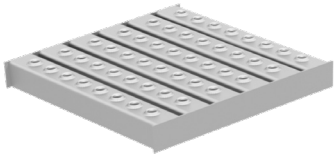
ACO heelsafe grating

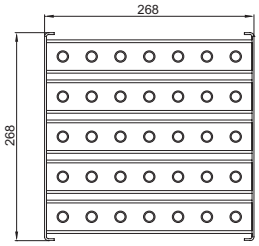




Load class	Slip resistant	Material	Item number
L 15	No	1.4301	408040*
		1.4404	408140*

ACO multi-slot 5 grating



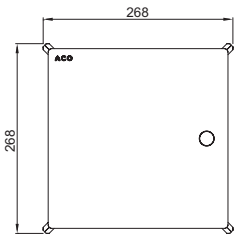


Load class	Slip resistant	Material	Item number
L 15	Yes	1.4301	408042*
		1.4404	408142*

Note: Surface electropolished

ACO hygienic slot cover





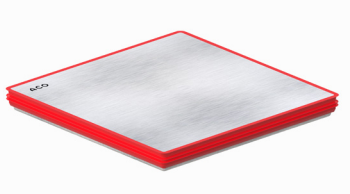
Load class	Slip resistant	Material	Item number
R 50	Yes	1.4301	445788
		1.4404	445789
M 125	Yes	1.4301	445790
		1.4404	445791

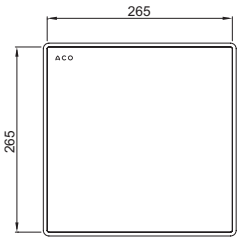
Note: Top surface sandblasted

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

ACO hygienic gully 218 – fixed height ➔ Page 53, 59
ACO hygienic gully 218 – gully top, telescopic ➔ Page 69

ACO odour proof gully cover



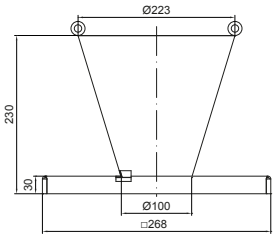


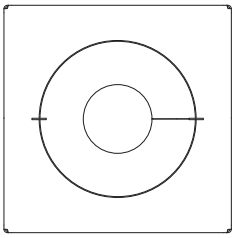
Load class	Slip resistant	Material	Item number
R 50	No	1.4404	445400*
M 125	No	1.4404	445609*

For ACO vacuum handle, please go to page 93

ACO tundish for gully top







Description	Material	Item number
ACO tundish for gully top 300 x 300	1.4301	413547

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

ACO hygienic gully 218 – fixed height ➔ Page 53, 59
ACO hygienic gully 218 – gully top, telescopic ➔ Page 69

Gratings
for gully top ø 300 mm

Product information

Variety of grate types is available depending on application and requested load class.

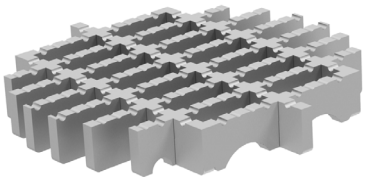
For applications with high hygienic demands ladder grate or cast grate should be selected.

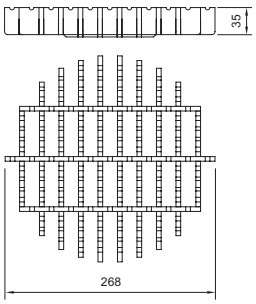
Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fits to stainless steel gully, fully compliant to EN 1253 and NSF International
- Range of gratings suitable to load class R 50 and M 125 (EN 1253)
- Slip resistant solution available

Order information

ACO hygienic frameless ladder grating - round



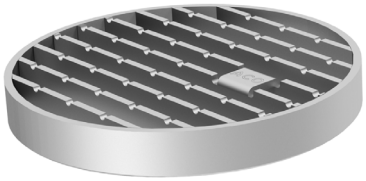


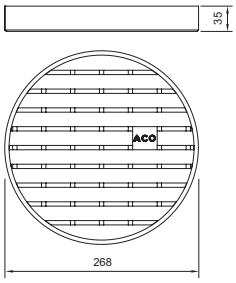
Load class	Slip resistant	Material	Item number
R 50	Yes	1.4301	446782
		1.4404	446783
M 125	Yes	1.4301	446786
		1.4404	446787

Note: Surface electropolished

ACO hygienic gully 218 – fixed height ➔ Page 53, 59
ACO hygienic gully 218 – gully top, telescopic ➔ Page 69

ACO hygienic ladder grating - round

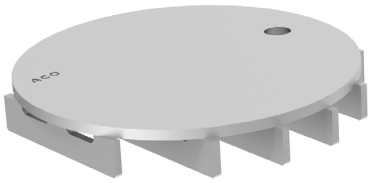


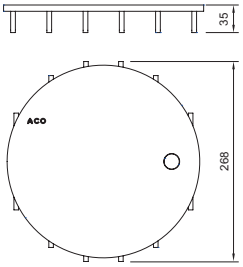


Load class	Slip resistant	Material	Item number
R 50	Yes	1.4301	447763
		1.4404	447764
M 125	Yes	1.4301	446778
		1.4404	446779

Note: Surface electropolished

ACO hygienic slot cover - round

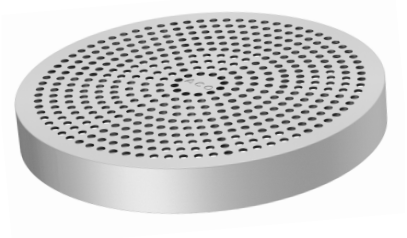


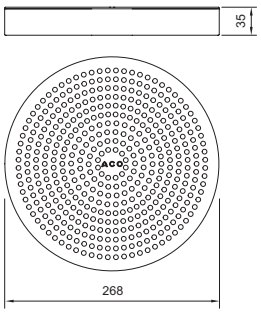


Load class	Slip resistant	Material	Item number
M 125	Yes	1.4301	446790
		1.4404	446791

Note: Top surface sandblasted

ACO perforated grating - round





Load class	Slip resistant	Material	Item number
L 15	No	1.4301	447732
		1.4404	447740

Note: Surface electropolished

ACO hygienic gully 218 – fixed height ➔ Page 53, 59
ACO hygienic gully 218 – gully top, telescopic ➔ Page 69

Gratings for vinyl top ø170

Product information

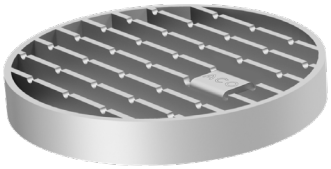
Variety of grate types is available depending on application and requested load class.

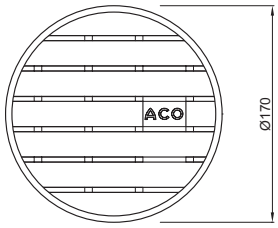
For applications with high hygienic demands ladder grate or cast grate should be selected.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fits to stainless steel gully, fully compliant to EN 1253
- Stainless steel construction for durability and long life
- Range of gratings suitable to load class L 15 and M 125 (EN 1253)
- Slip resistant solution available

ACO ladder grating

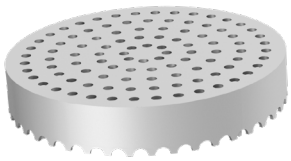


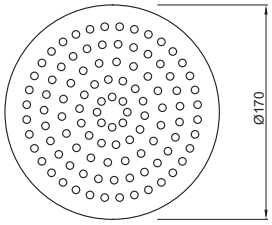


Load class	Slip resistant	Material	Item number
M 125	Yes	1.4301	97146
		1.4404	97367

Note: Surface electropolished

ACO perforated grating





Load class	Slip resistant	Material	Item number
L 15	No	1.4301	97152*
		1.4404	97369*

ACO odour proof gully cover

For ACO odour proof gully cover, please contact our Sales/Technical department.

ACO hygienic gully 157 – gully top, telescopic ➔ Page 47

Gratings
for vinyl top ø222

Product information

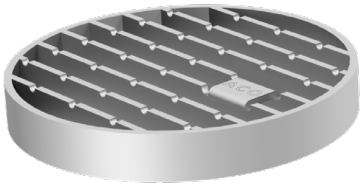
Variety of grate types is available depending on application and requested load class.

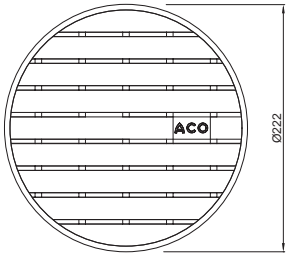
For applications with high hygienic demands ladder grate or cast grate should be selected.

Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Fits to stainless steel gully, fully compliant to EN 1253
- Stainless steel construction for durability and long life
- Range of gratings suitable to load class L 15 and M 125 (EN 1253)
- Slip resistant solution available

ACO ladder grating

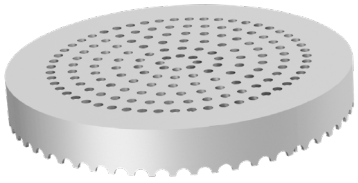


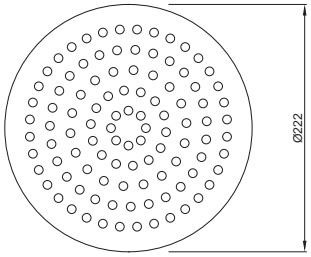


Load class	Slip resistant	Material	Item number
M 125	Yes	1.4301	97148
		1.4404	97388

Note: Surface electropolished

ACO perforated grating





Load class	Slip resistant	Material	Item number
L 15	No	1.4301	97153*
		1.4404	97390*

ACO odour proof gully cover

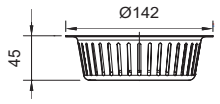
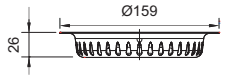
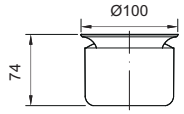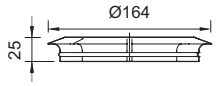
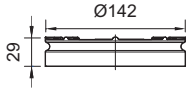
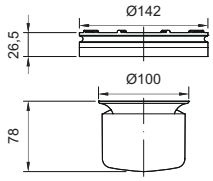
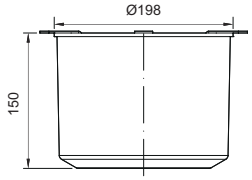
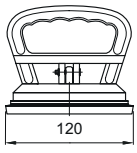
For ACO odour proof gully cover, please contact our Sales/Technical department.

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13, 44 not applied.

ACO hygienic gully 218 – gully top, telescopic → Page 69

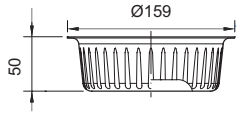
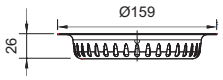
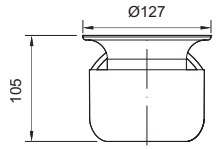
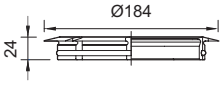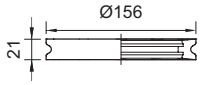
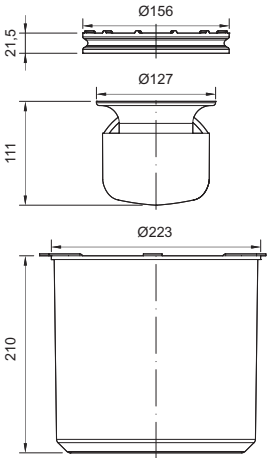
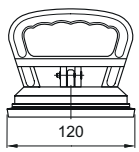
Accessories

Accessories for ACO hygienic gully 142

	Description	Used with	Material	Item number
	ACO silt basket ■ Stainless steel ■ 0,4 litre capacity	■ ACO hygienic gully 142, telescopic □ Vertical or horizontal	1.4301	416900
			1.4404	416901
	ACO silt basket ■ Stainless steel ■ 0,3 litre capacity	■ ACO hygienic gully 142, fixed height □ Vertical or horizontal	1.4301	416906
			1.4404	416907
	ACO hygienic foul air trap ■ Stainless steel ■ Water seal 50 mml	■ ACO hygienic gully 142 □ Fixed height □ Telescopic	1.4301	414741
			1.4404	414841
	ACO friction ring ■ SBR (Styrene-butadiene rubber)	■ ACO hygienic gully 142 □ Telescopic	SBR	414742
	ACO standard foul air trap support ■ NBR (Acryl nitrile-butadiene rubber)	■ ACO hygienic gully 142 □ Fixed height □ Telescopic	NBR	414743
	ACO fire resistant kit for gully 142/DN 70 □ Fixed height, vertical □ Telescopic, vertical	■ ACO hygienic gully 142 □ Fixed height, vertical □ Telescopic, vertical	1.4404 / NBR	416930
	ACO fire resistant kit for gully 142/DN 100 □ Fixed height, vertical □ Telescopic, vertical	■ ACO hygienic gully 142 □ Fixed height, vertical □ Telescopic, vertical	1.4404 / NBR	416931
	ACO vacuum handle	■ ACO odour proof gully cover	Aluminium	445622

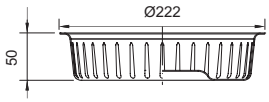
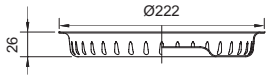
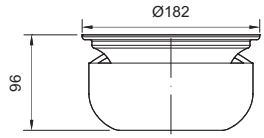
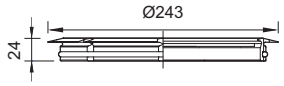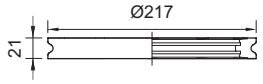
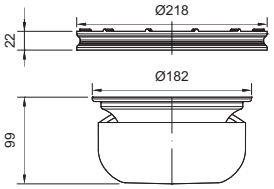
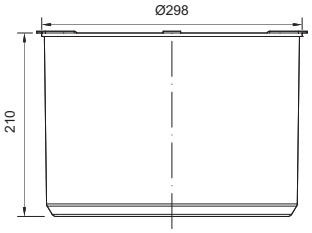
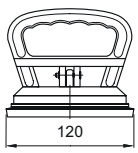
ACO hygienic gully 142 → Page 15

Accessories for ACO hygienic gully 157

	Description	Used with	Material	Item number
	ACO silt basket ■ Stainless steel ■ 0,4 litre capacity	■ ACO hygienic gully 157, vertical □ Fixed height or telescopic	1.4301	416904
			1.4404	416905
	ACO silt basket ■ Stainless steel ■ 0,3 litre capacity	■ ACO hygienic gully 157, horizontal □ Fixed height or telescopic	1.4301	416906
			1.4404	416907
	ACO hygienic foul air trap ■ Stainless steel ■ Water seal 50 mml	■ ACO hygienic gully 157 □ Telescopic	1.4301	408200
			1.4404	408210
	ACO friction ring ■ SBR (Styrene-butadiene rubber)	■ ACO hygienic gully 157 □ Telescopic	SBR	408205
	ACO standard foul air trap support ■ NBR (Acryl nitrile-butadiene rubber)	■ ACO hygienic gully 157 □ Fixed height □ Telescopic	NBR	408201
	ACO fire resistant kit for gully 157/DN 70 □ Fixed height, vertical □ Telescopic, vertical	■ ACO hygienic gully 157 □ Fixed height, vertical □ Telescopic, vertical	1.4404 / NBR	416932
	ACO fire resistant kit for gully 157/DN 100 □ Fixed height, vertical □ Telescopic, vertical	■ ACO hygienic gully 157 □ Fixed height, vertical □ Telescopic, vertical	1.4404 / NBR	416933
	ACO vacuum handle	■ ACO odour proof gully cover	Aluminium	445622
	ACO Easy FAT	■ ACO hygienic gully 157 □ Telescopic, horizontal □ Telescopic, vertical	1.4301	448810
	ACO Easy FAT	■ ACO hygienic gully 157 □ Telescopic, horizontal □ Telescopic, vertical	1.4301	449096

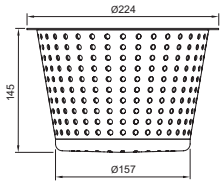
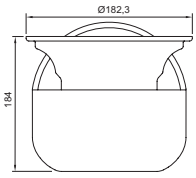
ACO hygienic gully 157 → Page 31

Accessories for ACO hygienic gully 218

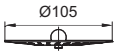
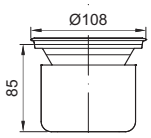
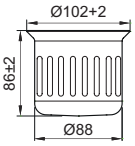
	Description	Used with	Material	Item number
	ACO silt basket ■ Stainless steel ■ 1,4 litre capacity	■ ACO hygienic gully 218, vertical □ Fixed height or telescopic	1.4301	416908
			1.4404	416909
	ACO silt basket ■ Stainless steel ■ 0,7 litre capacity	■ ACO hygienic gully 218, horizontal □ Fixed height or telescopic	1.4301	416910
			1.4404	416911
	ACO hygienic foul air trap ■ Stainless steel ■ Water seal 50 mm	■ ACO hygienic gully 218 □ Fixed height □ Telescopic	1.4301	408220
			1.4404	408230
	ACO friction ring ■ SBR (Styrene-butadiene rubber)	■ ACO hygienic gully 218 □ Telescopic	SBR	408225
	ACO standard foul air trap support ■ NBR (Acryl nitrile-butadiene rubber)	■ ACO hygienic gully 218 □ Fixed height □ Telescopic	NBR	408221
	ACO fire resistant kit for gully 218/DN 110 □ Fixed height, vertical □ Telescopic, vertical	■ ACO hygienic gully 218 □ Fixed height, vertical □ Telescopic, vertical	1.4404 / NBR	416934
	ACO fire resistant kit for gully 218/DN 160 □ Fixed height, vertical □ Telescopic, vertical	■ ACO hygienic gully 218 □ Fixed height, vertical □ Telescopic, vertical	1.4404 / NBR	416935
	ACO vacuum handle	■ ACO odour proof gully cover	Aluminium	445622

ACO hygienic gully 157 ➔ Page 31

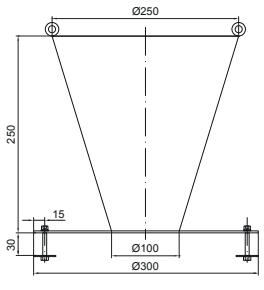
Accessories for ACO hygienic gully 218

	Description	Used with	Material	Item number
	ACO waste filter basket ■ Stainless steel	■ ACO hygienic gully 218 extended fixed height, waste filter basket □ Vertical or horizontal	1.4301	446945
			1.4404	446946
	ACO extended hygienic foul air trap ■ Stainless steel	■ ACO hygienic gully 218 extended fixed height, extended foul air trap □ Vertical or horizontal	1.4301	447807
			1.4404	447808

Accessories for ACO gully EG150

	Description	Used with	Material	Item number
	Sieve (for outlet 110 mm) ■ Stainless steel	■ ACO slot channel 20 ■ ACO modular box channel 125 ■ ACO modular box channel 200 ■ ACO modular slot channel 20	1.4301	97235
			1.4404	97285
	Foul air trap ■ Stainless steel ■ Water seal 50 mm	■ ACO slot channel 20 ■ ACO modular box channel 125 ■ ACO modular box channel 200 ■ ACO modular slot channel 20	1.4301	97217
			1.4404	97267
	Silt basket ■ Stainless steel	■ ACO slot channel 20 ■ ACO modular box channel 125 ■ ACO modular box channel 200 ■ ACO modular slot channel 20 ■ **Don't combine with FAT** ■ Suitable with P-Trap (ACO pipe chapter)	1.4301	409190
			1.4404	409189

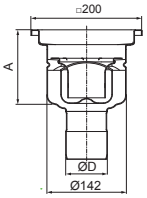
ACO tundish portable

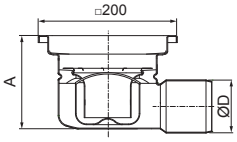
		Description	Material	Item number
		ACO tundish portable ■ Stainless steel	1.4301	415821

ACO hygienic gully 218 → Page 53
ACO gully EG150 → Page 73

Flow rates and construction heights

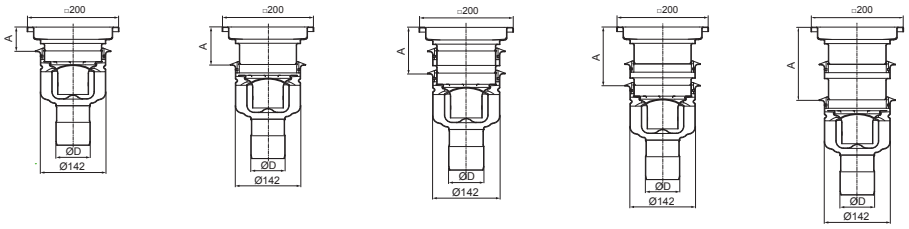
ACO hygienic gully 142 – fixed height





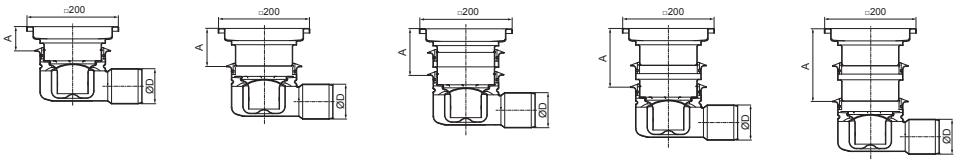
Outlet diameter	Outlet position	Flow rate [l/s]	Outlet diameter	Outlet position	Flow rate [l/s]
øD		A = 135 [mm]	øD		A = 135 [mm]
75	Vertical	1.4	75	Horizontal	1.4
110	Vertical	1.6	110	Horizontal	1.6

ACO hygienic gully 142 – telescopic, vertical



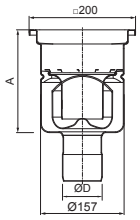
Outlet diameter	Outlet position	Flow rate [l/s]				
øD		A = 52 [mm]	A = 82 [mm]	A = 97 [mm]	A = 127 [mm]	A = 157 [mm]
75	Vertical	1.4	1.6	1.6	1.7	1.8
110	Vertical	1.6	1.8	1.8	1.9	2.0

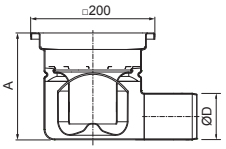
ACO hygienic gully 142 – telescopic, horizontal



Outlet diameter	Outlet position	Flow rate [l/s]				
øD		A = 52 [mm]	A = 82 [mm]	A = 97 [mm]	A = 127 [mm]	A = 157 [mm]
75	Horizontal	1.4	1.6	1.6	1.7	1.8
110	Horizontal	1.6	1.8	1.8	1.9	2.0

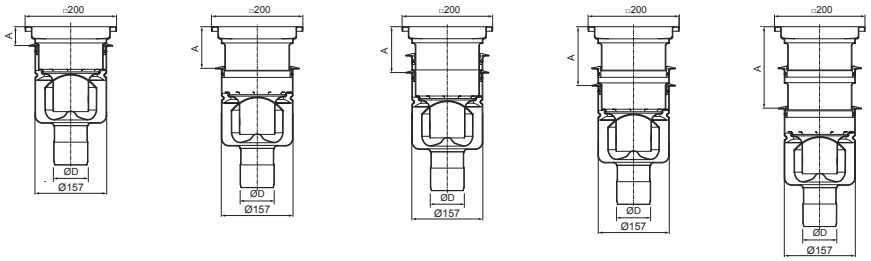
ACO hygienic gully 157 – fixed height





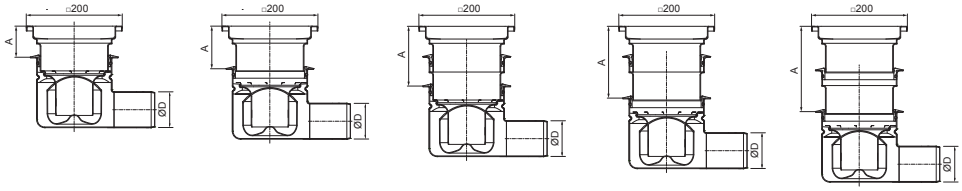
Outlet diameter	Outlet position	Flow rate [l/s]	Outlet diameter	Outlet position	Flow rate [l/s]
øD		A = 193 [mm]	øD		A = 170 [mm]
75	Vertical	2.7	75	Horizontal	2.6
110	Vertical	3.5	110	Horizontal	2.8

ACO hygienic gully 157 – telescopic, vertical



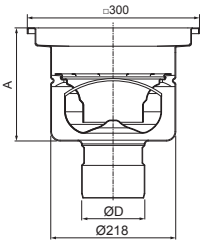
Outlet diameter	Outlet position	Flow rate [l/s]				
øD		A = 65 [mm]	A = 91 [mm]	A = 125 [mm]	A = 153 [mm]	A = 180 [mm]
75	Vertical	2.7	3.0	3.0	3.1	3.3
110	Vertical	3.5	4.0	4.1	4.2	4.4

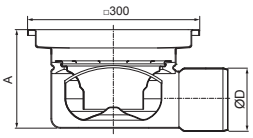
ACO hygienic gully 157 – telescopic, horizontal



Outlet diameter	Outlet position	Flow rate [l/s]				
øD		A = 52 [mm]	A = 82 [mm]	A = 97 [mm]	A = 127 [mm]	A = 157 [mm]
75	Horizontal	2.6	2.9	3.0	3.1	3.3
110	Horizontal	2.8	3.3	3.6	4.0	4.4

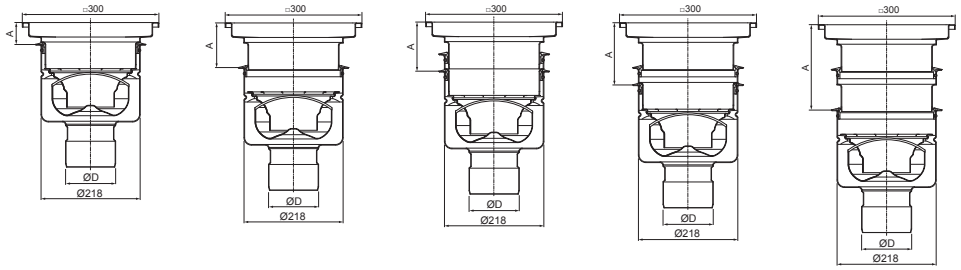
ACO hygienic gully 218 – fixed height





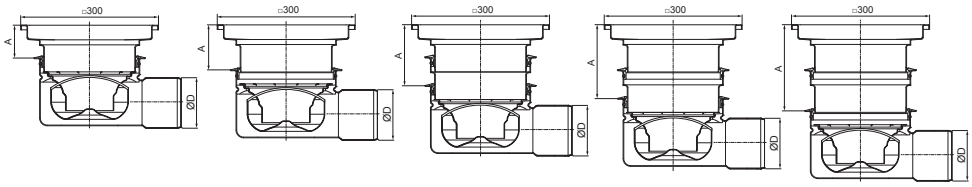
Outlet diameter	Outlet position	Flow rate [l/s]	Outlet diameter	Outlet position	Flow rate [l/s]
øD		**A = 200 [mm]**	**øD**		**A = 177 [mm]**
110	Vertical	5.0	110	Horizontal	4.4
160	Vertical	5.0	-	-	-

ACO hygienic gully 218– telescopic, vertical



Outlet diameter	Outlet position	Flow rate [l/s]				
øD		**A = 65 [mm]**	**A = 91 [mm]**	**A = 125 [mm]**	**A = 153 [mm]**	**A = 180 [mm]**
110	Vertical	5.0	5.5	5.6	5.8	6.2
160	Vertical	5.0	5.5	5.6	5.8	6.2

ACO hygienic gully 218 – telescopic, horizontal



Outlet diameter	Outlet position	Flow rate [l/s]				
øD		**A = 72 [mm]**	**A = 98 [mm]**	**A = 132 [mm]**	**A = 156 [mm]**	**A = 187 [mm]**
110	Horizontal	4.4	4.6	4.8	4.9	5.4



2 ACO Channel

COLLECT:
Gather and capture

COLLECT



ACO Channel

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ACO box channels	Introduction to ACO box channel	104
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	ACO hygienic slot cover	120
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Discover more in a 3D environment:
buildingdrainage.aco/products

ACO channel
online information

Introduction

Hygienic design

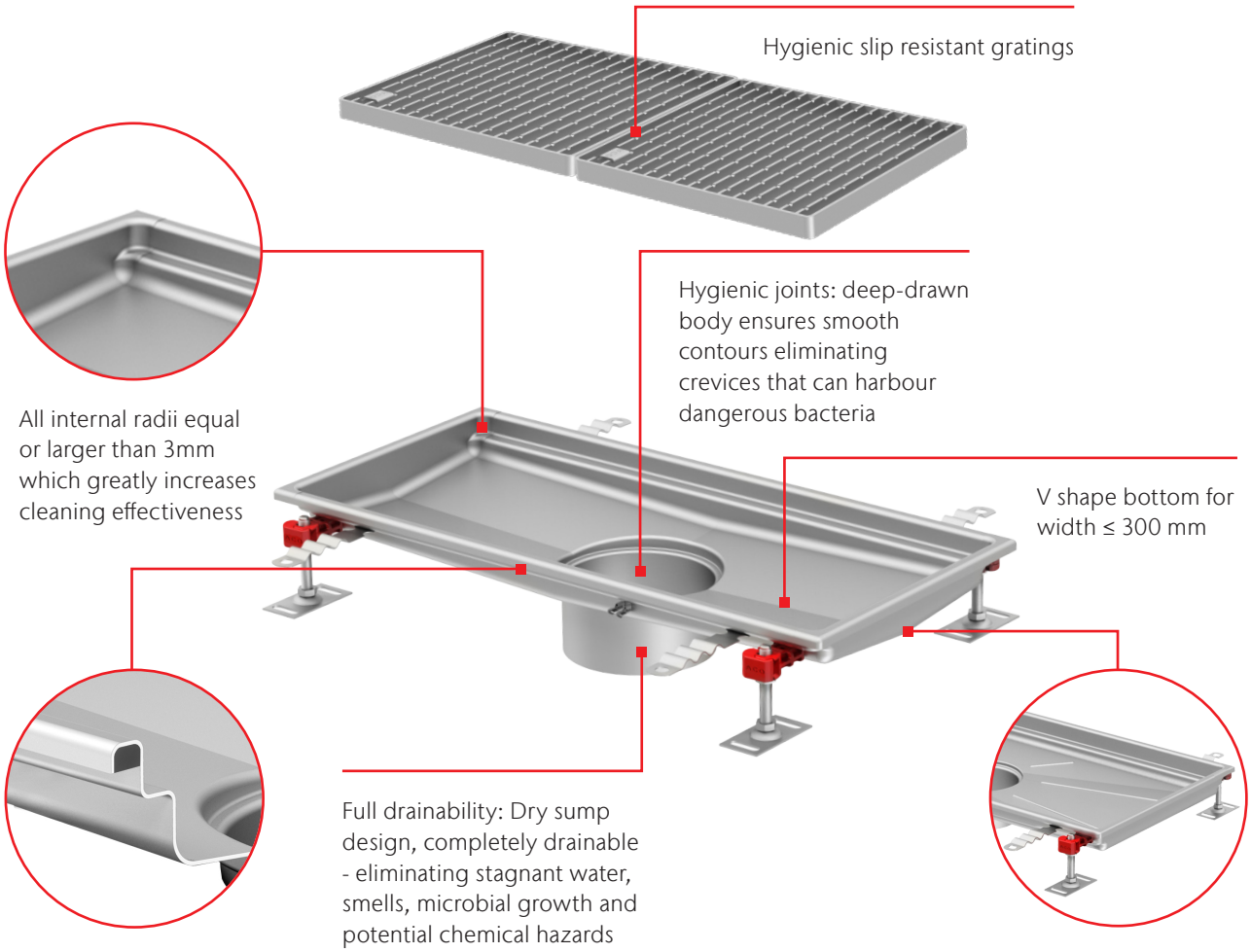
ACO offers sustainable, integrated drainage systems which are designed to protect your business, the environment and ultimately public health.

Our aim is to constantly improve every aspect of safety, hygiene and functional performance. We believe that our systems and services are truly unique, delivering unparalleled benefits to everyone involved in project delivery or subsequent operation.

ACO hygienic drainage fulfils stringent hygienic requirements to prevent harmful bacterial contamination. We apply the relevant hygienic design principles reserved for food contact surfaces EN 1672, EN ISO 14159, EHEDG document to the channel design.

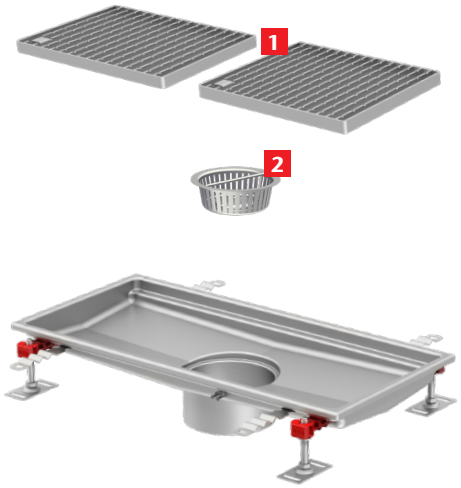
ACO channel hygienic features:

- Fully drainable
- Internal radii equal or larger than 3 mm
- Hygienic joints
- Edge infill
- Stainless steel grade min. AISI 304
- Fully pickled and passivated

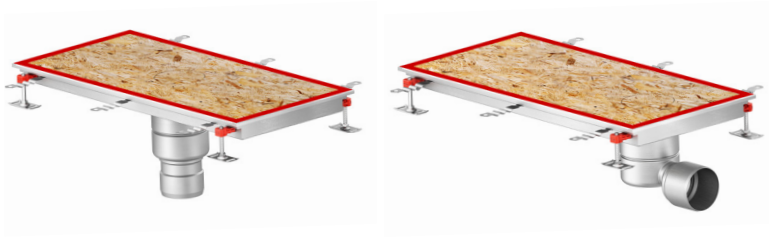


System overview

ACO channel

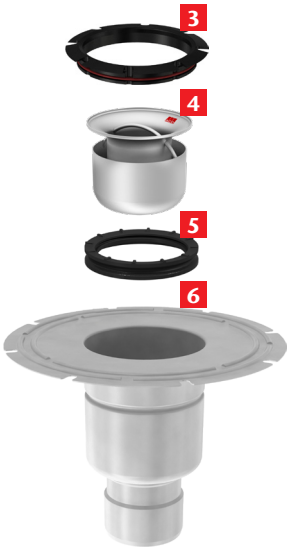


ACO box channel



ACO fixed height channels

1 Gratings
2 Silt basket
3 Friction ring
4 Foul air trap
5 Foul air trap support
6 ACO gully



ACO gully with accessories

Introduction to ACO box channel

ACO box channel portfolio

The ACO box channel range includes channels for all common applications and all common floor types (concrete, tiles, resin or vinyl).

The ACO box channel portfolio is designed with respect to hygienic design requirements. Selecting a channel from the range is easy. The unique variability of the whole portfolio makes it easy to choose a channel that suits a customer's specific needs. Channel length, depth and outlet position are just a few of the parameters which can be varied and, regardless of the variations specified, there is no impact on delivery lead times.

ACO box channel ordering

The dimensions of the ACO box channel can be easily specified in respect of project requirements.

To specify the channel please ask ACO customer service for the assistance.

ACO box channels with fixed dimensions are also available. These dimensions are a selection of most frequently sold ACO box channels. Please see page 105 where you can find the overview.

ACO box channel customization

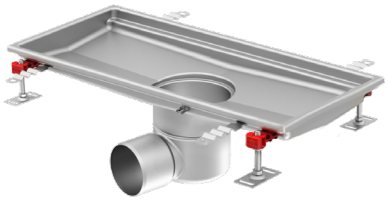
In addition all ACO box channels can be designed with:

- Special outlet position
- Special depth
- Special slope
- Special channel width
- L-shape and T-shape lay out
- Special side inlets

To ask for customised ACO box channel, please contact our Sales/ technical department. Please take into consideration that ACO channel customization could decrease the number of hygienic design features.

ACO box channel system overview

ACO box channel, fixed height solution



ACO box channel
Standard edge

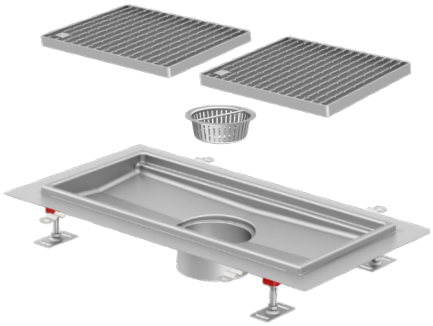


ACO box channel
Extended edge

ACO box channel, telescopic solution



ACO box channel
Standard edge



ACO box channel
Extended edge



ACO hygienic gully
with accessories

ACO hygienic box channel standard articles

Product information

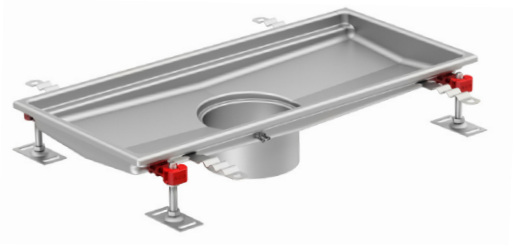
The dimensions of the ACO hygienic box channel for concrete, tiles and resin floor can be easily specified in respect of project requirements or easily chosen from predefined fixed dimensions.

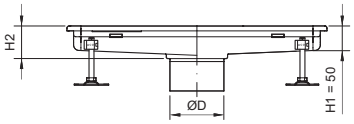
Product benefits

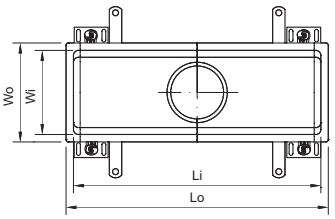
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Material thickness 1.5 mm
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Rubber edge infill
- Fully pickled and passivated
- Minimal longitudinal slope 1%
- Min. sectional slope 5°
- Material thickness 1.5 mm
- Hygienic gratings with slip resistance available
- Protective cover available. See page 264 for more details
- Tested and certified according to EN 1253
- V-shape bottom for width < 300 mm
- Reinforced bottom for width > 400 mm
- Outlet without deformation
- Easy and secure telescopic connection with gully
- Adjustable EasyFix levelling feet 60-110 mm
- Anchors for fixing in concrete

Order information

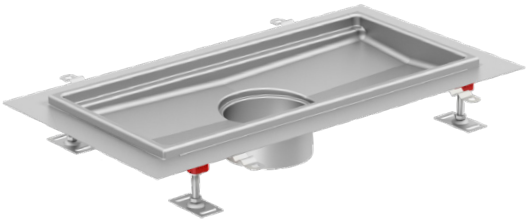
Standard edge

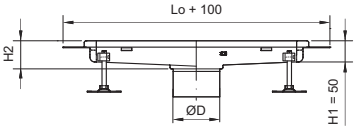


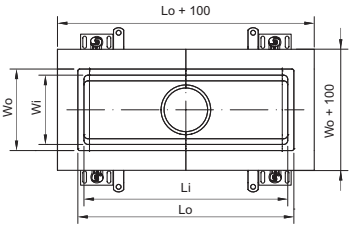




Extended edge



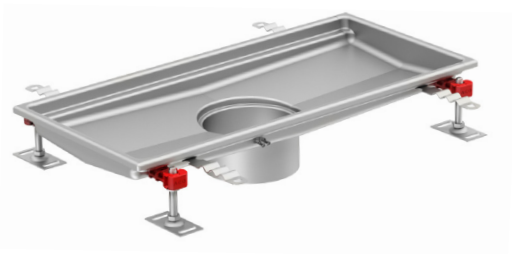


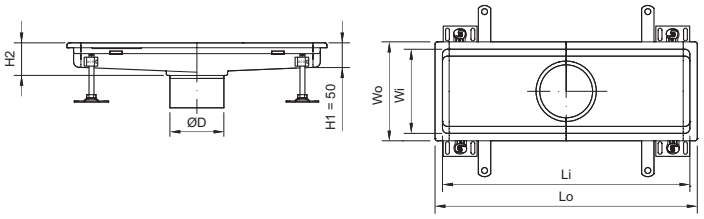


Channel dimensions						Gully	Material	Standard edge	Extended edge
Wo	Wi	Lo	Li	H2	øD			Item number	Item number
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]				
200	170	530	500	60	125	ACO hygienic gully 142	1.4301	416584	416680
		530	500				1.4404	416602	416698
		830	800				1.4301	416585	416681
		830	800				1.4404	416603	416699
		1030	1000				1.4301	416586	416682
		1030	1000				1.4404	416604	416700
		1230	1200				1.4301	416587	416683
		1230	1200				1.4404	416605	416701
		1530	1500				1.4301	416588	416684
		1530	1500				1.4404	416606	416702
		2030	2000				1.4301	416589	416685
		2030	2000				1.4404	416607	416703
200	170	530	500	60	142	ACO hygienic gully 157	1.4301	416590	416686
		530	500				1.4404	416608	416704
		830	800				1.4301	416591	416687
		830	800				1.4404	416609	416705
		1030	1000				1.4301	416592	416688
		1030	1000				1.4404	416610	416706
		1230	1200				1.4301	416593	416689
		1230	1200				1.4404	416611	416707
		1530	1500				1.4301	416594	416690
		1530	1500				1.4404	416612	416708
		2030	2000				1.4301	416595	416691
		2030	2000				1.4404	416613	416709
300	270	330	300	55	142	ACO hygienic gully 157	1.4301	416614	416710
		330	300				1.4404	416628	416724
		630	600	60			1.4301	416615	416711
		630	600				1.4404	416629	416725
		1030	1000	60			1.4301	416616	416712
		1030	1000				1.4404	416630	416726
		1530	1500	60			1.4301	416617	416713
		1530	1500				1.4404	416631	416727
		2030	2000	60			1.4301	416618	416714
		2030	2000				1.4404	416632	416728
		3030	3000	70			1.4301	416619	416715
		3030	3000				1.4404	416633	416729
		4030	4000	80			1.4301	416620	416716
		4030	4000				1.4404	416634	416730

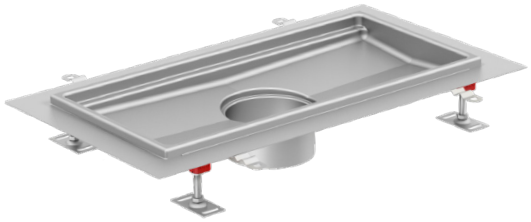
ACO hygienic gully 142 ➔ Page 15
ACO hygienic gully 157 ➔ Page 31
Accessories for ACO hygienic box channel ➔ Page 122
Gratings for ACO hygienic box channel ➔ Pages 112-120

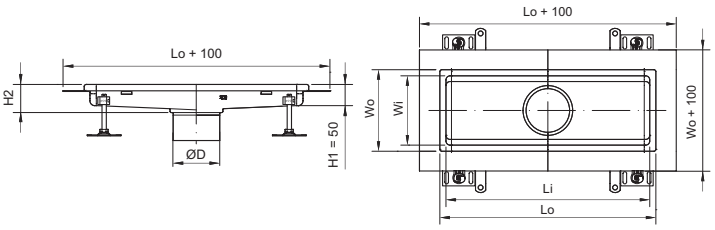
Standard edge





Extended edge





Channel dimensions						Gully	Material	Standard edge	Extended edge
Wo	Wi	Lo	Li	H2	øD			Item number	Item number
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]				
300	270	330	300	55	200	ACO hygienic gully 218	1.4301	416621	416717
		330	300				1.4404	416635	416731
		630	600	60			1.4301	416622	416718
		630	600				1.4404	416636	416732
		1030	1000	60			1.4301	416623	416719
		1030	1000				1.4404	416637	416733
		1530	1500	60			1.4301	416624	416720
		1530	1500				1.4404	416638	416734
		2030	2000	60			1.4301	416625	416721
		2030	2000				1.4404	416639	416735
		3030	3000	70			1.4301	416626	416722
		3030	3000				1.4404	416640	416736
		4030	4000	80			1.4301	416627	416723
		4030	4000				1.4404	416641	416737
400	370	430	400	60	142	ACO hygienic gully 157	1.4301	416642	416738
		430	400				1.4404	416648	416744
		630	600				1.4301	416643	416739
		630	600				1.4404	416649	416745
		830	800				1.4301	416644	416740
		830	800				1.4404	416650	416746

ACO hygienic gully 218 ➔ Page 53
ACO hygienic gully 142 ➔ Page 15
Accessories for ACO hygienic box channel ➔ Page 122
Gratings for ACO hygienic box channel ➔ Pages 112-120

Channel dimensions						Gully	Material	Standard edge	Extended edge
Wo	Wi	Lo	Li	H2	øD			Item number	Item number
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]				
400	370	430	400	60	200	ACO hygienic gully 218	1.4301	416645	416741
		430	400				1.4404	416651	416747
		630	600				1.4301	416646	416742
		630	600				1.4404	416652	416748
		830	800				1.4301	416647	416743
		830	800				1.4404	416653	416749
500	470	530	500	65	142	ACO hygienic gully 157	1.4301	416654	416750
		530	500				1.4404	416660	416756
		830	800				1.4301	416655	416751
		830	800				1.4404	416661	416757
		1030	1000				1.4301	416656	416752
		1030	1000				1.4404	416662	416758
500	470	530	500	65	200	ACO hygienic gully 218	1.4301	416657	416753
		530	500				1.4404	416663	416759
		830	800				1.4301	416658	416754
		830	800				1.4404	416664	416760
		1030	1000				1.4301	416659	416755
		1030	1000				1.4404	416665	416761
600	570	630	600	70	200	ACO hygienic gully 218	1.4301	416666	416762
		630	600				1.4404	416669	416765
		930	900				1.4301	416667	416763
		930	900				1.4404	416670	416766
		1230	1200				1.4301	416668	416764
		1230	1200				1.4404	416671	416767
800	770	830	800	80	200	ACO hygienic gully 218	1.4301	416672	416768
							1.4404	416673	416769

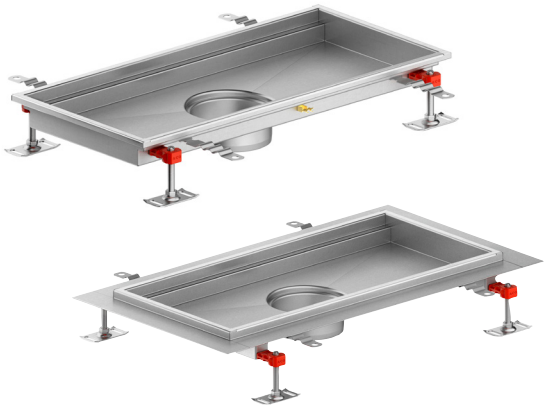
ACO hygienic gully 157 ➔ Page 31
ACO hygienic gully 218 ➔ Page 53

Accessories for ACO hygienic box channel ➔ Page 122
Gratings for ACO hygienic box channel ➔ Pages 112-120

ACO commercial channel standard articles

Product benefits

- Fully compliant to EN 1253
- Full drainability to ensure hygienic cleaning
- Fully pickle passivated to restore corrosion resistance and optimum durability
- Steel thickness min 1.5 mm
- Rubber edge infill to provide additional strength in dense traffic areas
- EasyFix® clips for quick, easy and precise height adjustment during installation
- Chamfered spigot outlets provide easy push-fit connection
- ACO protective cover available
- Silt basket collects debris effectively

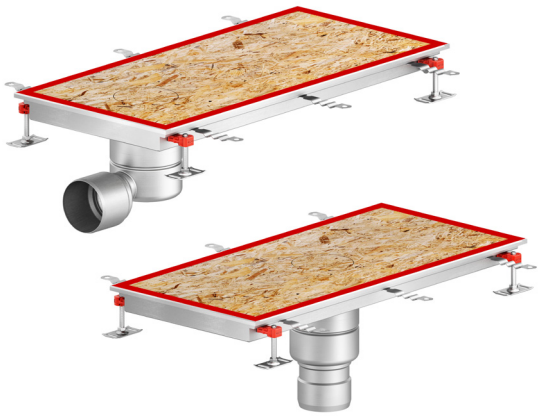


Channel dimensions						Material	Gully	Standard edge	Extended edge
Wo	Wi	Lo	Li	H1	øD			Item number	Item number
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]				
200	170	830	800	50	125	1.4301	ACO gully 142	447032	447046
		1030	1000	50	125	1.4301	ACO gully 142	447033	447047
		1530	1500	50	125	1.4301	ACO gully 142	447034	447048
		2030	2000	50	125	1.4301	ACO gully 142	447035	447049
300	270	330	300	50	125	1.4301	ACO gully 142	447036	447050
		630	600	50	125	1.4301	ACO gully 142	447037	447051
		1030	1000	50	125	1.4301	ACO gully 142	447038	447052
		2030	2000	50	125	1.4301	ACO gully 142	447039	447053
		3030	3000	50	125	1.4301	ACO gully 142	447040	447054
400	370	430	400	50	125	1.4301	ACO gully 142	447041	447055
		830	800	50	125	1.4301	ACO gully 142	447042	447056
500	470	530	500	50	125	1.4301	ACO gully 142	447043	447057
		1030	1000	50	125	1.4301	ACO gully 142	447044	447058
600	570	630	600	50	125	1.4301	ACO gully 142	447045	447059

ACO commercial channel fixed height

Product benefits

- Fully compliant to EN 1253
- Full drainability to ensure hygienic cleaning
- Fully pickle passivated to restore corrosion resistance and optimum durability
- Steel thickness min 1.5 mm
- Rubber edge infill to provide additional strength in dense traffic areas
- EasyFix® clips for quick, easy and precise height adjustment during installation
- Chamfered spigot outlets provide easy push-fit connection
- ACO easy FAT and silt basket included
- ACO protective cover available

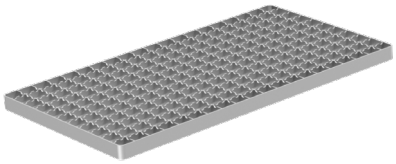


Channel dimensions						Outlet position	Horizontal outlet	Vertical outlet
Wo	Wi	Lo	Li	H1	øD			
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			
300	270	630	600	50	110	Excentric	449248_CF	449257_CF
300	270	1030	1000	50	110	Excentric	449249_CF	449258_CF
400	370	830	800	50	110	Excentric	449250_CF	449259_CF
500	470	1030	1000	50	110	Excentric	449251_CF	449260_CF
300	270	1030	1000	50	110	Central	449252_CF	449261_CF
400	370	430	400	50	110	Central	449253_CF	449262_CF
400	370	830	800	50	110	Central	449254_CF	449263_CF
500	470	530	500	50	110	Central	449255_CF	449264_CF
500	470	1030	1000	50	110	Central	449256_CF	449265_CF

ACO mesh grating

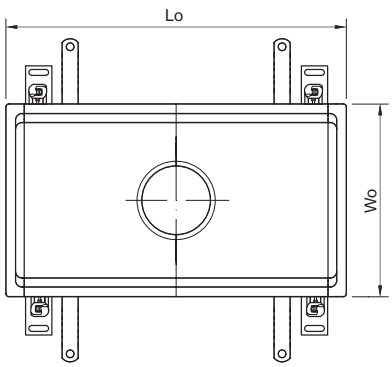
Product benefits

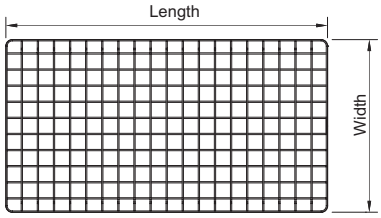
- ACO mesh grating with slip resistant finish
- Tested and certified according to EN 1253
- Range of gratings suitable to load class L 15 (EN 1253)
- Surface - electropolished
- High flow capacity of grates
- Rounded corners
- Slip resistant
  - ☐ Slip resistant low potential for slip according to BS 7976-2
  - ☐ R11 according to DIN 51130

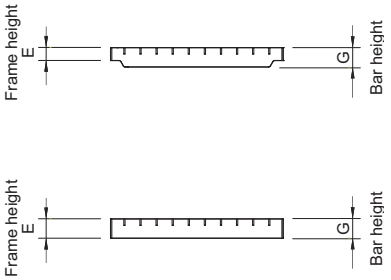


Order information

Load class L 15







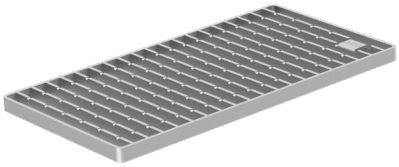
Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo [mm]	Lo [mm]	Frame height E [mm]	Bar height G [mm]	Width [mm]	Length [mm]			
200	530	20	30	168	499	1.4301	416860	1
						1.4404	416861	
	830	20	30	168	398	1.4301	416862	2
						1.4404	416863	
	1030	20	30	168	999	1.4301	413153	1
						1.4404	445957	
	1030	20	30	168	499	1.4301	416860	2
						1.4404	416861	
	1230	20	30	168	398	1.4301	416862	3
						1.4404	416863	
	1530	20	30	168	499	1.4301	416860	3
						1.4404	416861	
	2030	20	30	168	999	1.4301	413153	2
						1.4404	445957	
	2030	20	30	168	499	1.4301	416860	4
						1.4404	416861	

Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo	Lo	Frame height	Bar height	Width	Length			
[mm]	[mm]	E [mm]	G [mm]	[mm]	[mm]			
300	330	20	30	268	298	1.4301	416864	1
						1.4404	416865	
	630	20	30	268	298	1.4301	416864	2
						1.4404	416865	
	1030	20	30	268	999	1.4301	413154	1
						1.4404	445959	
	1030	20	30	268	499	1.4301	416866	2
						1.4404	416867	
	1530	20	30	268	499	1.4301	416866	3
						1.4404	416867	
	2030	20	30	268	999	1.4301	413154	2
						1.4404	445959	
	2030	20	30	268	499	1.4301	416866	4
						1.4404	416867	
	3030	20	30	268	999	1.4301	413154	3
						1.4404	445959	
	3030	20	30	268	499	1.4301	416866	6
						1.4404	416867	
	4030	20	30	268	999	1.4301	413154	4
						1.4404	445959	
	4030	20	30	268	499	1.4301	416866	8
						1.4404	416867	
400	430	30	30	368	398	1.4301	416868	1
						1.4404	416869	
	630	30	30	368	598	1.4301	416870	1
						1.4404	416871	
	830	30	30	368	398	1.4301	416868	2
						1.4404	416869	
500	530	30	30	468	499	1.4301	416872	1
						1.4404	416873	
	830	30	30	468	398	1.4301	416874	2
						1.4404	416875	
	1030	30	30	468	499	1.4301	416872	2
						1.4404	416873	
600	630	30	30	568	298	1.4301	416876	2
						1.4404	416877	
	930	30	30	568	298	1.4301	416876	3
						1.4404	416877	
	1230	30	30	568	298	1.4301	416876	4
						1.4404	416877	
800	830	30	30	768	398	1.4301	416878	2
						1.4404	416879	

ACO hygienic ladder grating

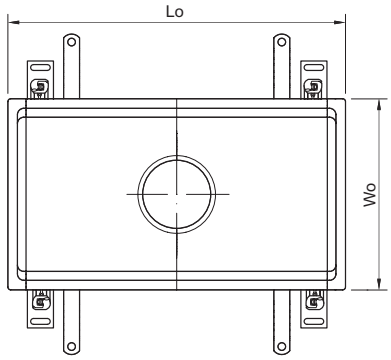
Product benefits

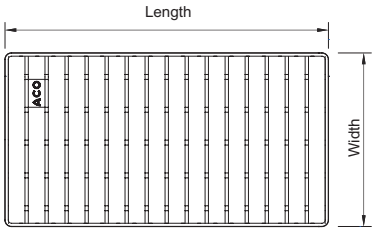
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Electropolished surface
- Registered logo design allows for easy manipulation during cleaning
- Range of gratings suitable for load classes R 50, M 125 and N 250 (EN 1253)
- Tested and certified according to NSF International
- High flow capacity
- Rounded corners
- Slip resistant
  - ☐ Low potential for slip according to BS 7976-2
  - ☐ R11 according to DIN 51130

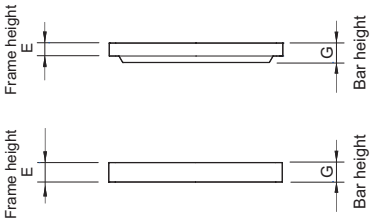


Order information

Load class R 50







Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo	Lo	Frame height	Bar height	Width	Length			
[mm]	[mm]	E [mm]	G [mm]	[mm]	[mm]			
200	530	20	20	168	499	1.4301	416802	1
						1.4404	416803	
	830	20	20	168	398	1.4301	416808	2
						1.4404	416809	
	1030	20	20	168	999	1.4301	445948	1
						1.4404	445949	
	1030	20	20	168	499	1.4301	416802	2
						1.4404	416803	
	1230	20	20	168	398	1.4301	416808	3
						1.4404	416809	
	1530	20	20	168	499	1.4301	416802	3
						1.4404	416803	

Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo	Lo	Frame height	Bar height	Width	Length			
[mm]	[mm]	E [mm]	G [mm]	[mm]	[mm]			
200	2030	20	20	168	999	1.4301	445948	2
						1.4404	445949	
	2030	20	20	168	499	1.4301	416802	4
						1.4404	416803	
300	330	20	20	268	298	1.4301	416812	1
						1.4404	416813	
	630	20	20	268	298	1.4301	416812	2
						1.4404	416813	
	1030	20	20	268	999	1.4301	445952	1
						1.4404	445953	
	1030	20	20	268	499	1.4301	416814	2
						1.4404	416815	
	1530	20	20	268	499	1.4301	416814	3
						1.4404	416815	
	2030	20	20	268	999	1.4301	445952	2
						1.4404	445953	
	2030	20	20	268	499	1.4301	416814	4
						1.4404	416815	
	3030	20	20	268	999	1.4301	445952	3
						1.4404	445953	
	3030	20	20	268	499	1.4301	416814	6
						1.4404	416815	
	4030	20	20	268	999	1.4301	445952	4
						1.4404	445953	
	4030	20	20	268	499	1.4301	416814	8
						1.4404	416815	
400	430	30	30	368	398	1.4301	416820	1
						1.4404	416821	
	630	30	30	368	598	1.4301	416822	1
						1.4404	416823	
	830	30	30	368	398	1.4301	416820	2
						1.4404	416821	
500	530	30	30	468	499	1.4301	416828	1
						1.4404	416829	
	830	30	30	468	398	1.4301	416830	2
						1.4404	416831	
	1030	30	30	468	499	1.4301	416828	2
						1.4404	416829	

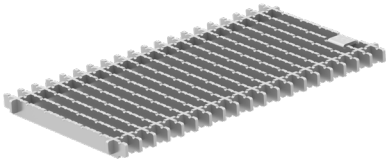
Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo	Lo	Frame height	Bar height	Width	Length			
[mm]	[mm]	E [mm]	G [mm]	[mm]	[mm]			
Load class R 50								
600	630	30	30	568	298	1.4301	416838	2
						1.4404	416839	
	930	30	30	568	298	1.4301	416838	3
						1.4404	416839	
	1230	30	30	568	298	1.4301	416838	4
						1.4404	416839	
800	830	30	30	768	398	1.4301	416842	2
						1.4404	416843	
Load class M125								
200	530	20	30	168	499	1.4301	416804	1
						1.4404	416805	
	830	20	30	168	398	1.4301	416810	2
						1.4404	416811	
	1030	20	20	168	999	1.4301	445950	1
						1.4404	445951	
	1030	20	30	168	499	1.4301	416804	2
						1.4404	416805	
	1230	20	30	168	398	1.4301	416810	3
						1.4404	416811	
	1530	20	30	168	499	1.4301	416804	3
						1.4404	416805	
	2030	20	20	168	999	1.4301	445950	2
						1.4404	445951	
	2030	20	30	168	499	1.4301	416804	4
						1.4404	416805	
300	330	20	30	268	298	1.4301	416816	1
						1.4404	416817	
	630	20	30	268	298	1.4301	416816	2
						1.4404	416817	
	1030	20	30	268	499	1.4301	416818	2
						1.4404	416819	
	1030	20	20	268	999	1.4301	445954	1
						1.4404	445955	
	1530	20	30	268	499	1.4301	416818	3
						1.4404	416819	
	2030	20	20	268	999	1.4301	445954	2
						1.4404	445955	

Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo	Lo	Frame height	Bar height	Width	Length			
[mm]	[mm]	E [mm]	G [mm]	[mm]	[mm]			
300	2030	20	30	268	499	1.4301	416818	4
						1.4404	416819	
	3030	20	30	268	999	1.4301	445954	3
						1.4404	445955	
	3030	20	30	268	499	1.4301	416818	6
						1.4404	416819	
	4030	20	20	268	999	1.4301	445954	4
						1.4404	445955	
	4030	20	30	268	499	1.4301	416818	8
						1.4404	416819	
400	430	30	30	368	398	1.4301	416824	1
						1.4404	416825	
	630	30	30	368	598	1.4301	416826	1
						1.4404	416827	
	830	30	30	368	398	1.4301	416824	2
						1.4404	416825	
500	530	30	30	468	499	1.4301	416832	1
						1.4404	416833	
	830	30	30	468	398	1.4301	416834	2
						1.4404	416835	
	1030	30	30	468	499	1.4301	416832	2
						1.4404	416833	

ACO frameless ladder grating

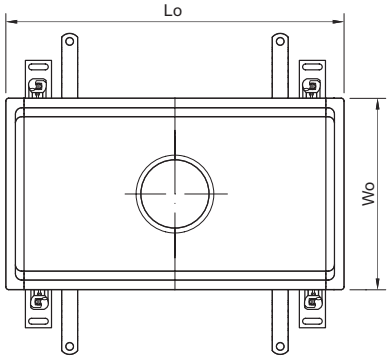
Product benefits

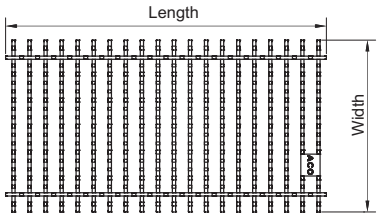
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Electropolished surface
- Registered logo design allows for easy manipulation during cleaning
- Range of gratings suitable for load class M 125 (EN 1253)
- High flow capacity
- Rounded corners
- Slip resistant
  - Low potential for slip according to BS 7976-2
  - R11 according to DIN 51130

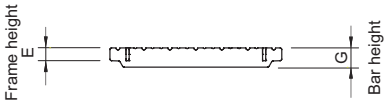


Order information

Load class R 50







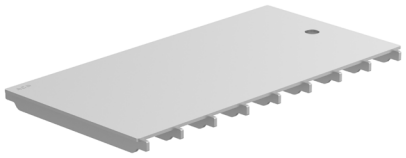
Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo	Lo	Frame height	Bar height	Width	Length			
[mm]	[mm]	E [mm]	G [mm]	[mm]	[mm]			
200	530	20	20	168	499	1.4301	446246	1
						1.4404	446247	
	830	20	20	168	399	1.4301	446250	2
						1.4404	446251	
	1030	20	20	168	499	1.4301	446246	2
						1.4404	446247	
	1230	20	20	168	399	1.4301	446250	3
						1.4404	446251	
	1530	20	20	168	499	1.4301	446246	3
						1.4404	446247	
	2030	20	20	168	499	1.4301	446246	4
						1.4404	446247	

Channel dimension		Grating dimension				Material	Item number	Quantity to fill channel
Wo	Lo	Frame height	Bar height	Width	Length			
[mm]	[mm]	E [mm]	G [mm]	[mm]	[mm]			
300	330	20	20	268	299	1.4301	446258	1
						1.4404	446259	
	630	20	20	268	299	1.4301	446258	2
						1.4404	446259	
	1030	20	20	268	499	1.4301	446254	2
						1.4404	446255	
	1530	20	20	268	499	1.4301	446254	3
						1.4404	446255	
	2030	20	20	268	499	1.4301	446254	4
						1.4404	446255	
	3030	20	20	268	499	1.4301	446254	6
						1.4404	446255	
	4030	20	20	268	499	1.4301	446254	8
						1.4404	446255	

ACO hygienic slot cover

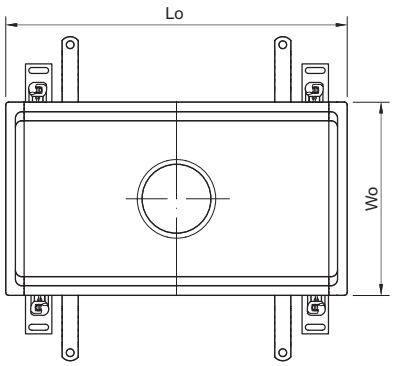
Product benefits

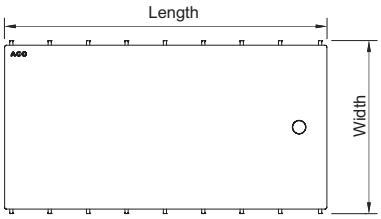
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Fully pickled and passivated
- Sandblasted surface
- Range of gratings suitable for load classes R 50, M 125 and N 250 (EN 1253)
- Rounded corners
- Slip resistant
  - Low potential for slip according to BS 7976-2
  - R11 according to DIN 51130

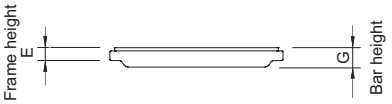


Order information

Load class R 50







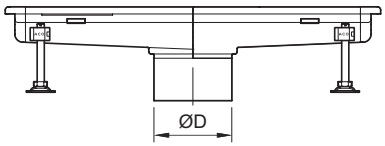
Channel dimension	Grating dimension					Material	Item number	Quantity to fill channel
Wo	Lo	Frame height	Bar height	Width	Length			
[mm]	[mm]	E [mm]	G [mm]	[mm]	[mm]			
200	530	20	30	168	499	1.4301	445756	1
						1.4404	445757	
	830	20	30	168	398	1.4301	445762	2
						1.4404	445763	
	1030	20	30	168	499	1.4301	445756	2
						1.4404	445757	
	1230	20	30	168	398	1.4301	445762	3
						1.4404	445763	
	1530	20	30	168	499	1.4301	445756	3
						1.4404	445757	
	2030	20	30	168	499	1.4301	445756	4
						1.4404	445757	

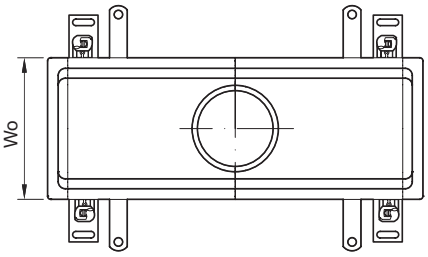
Channel dimension	Grating dimension					Material	Item number	Quantity to fill channel
Wo [mm]	Lo [mm]	Frame height E [mm]	Bar height G [mm]	Width [mm]	Length [mm]			
300	330	20	30	268	298	1.4301	445774	1
						1.4404	445775	
	630	20	30	268	298	1.4301	445774	2
						1.4404	445775	
	1030	20	30	268	499	1.4301	445768	2
						1.4404	445769	
	1530	20	30	268	499	1.4301	445768	3
						1.4404	445769	
	2030	20	30	268	499	1.4301	445768	4
						1.4404	445769	
	3030	20	30	268	499	1.4301	445768	6
						1.4404	445769	
Load class M 125								
200	530	20	30	168	499	1.4301	445758	1
						1.4404	445759	
	830	20	30	168	398	1.4301	445764	2
						1.4404	445765	
	1030	20	30	168	499	1.4301	445758	2
						1.4404	445759	
	1230	20	30	168	398	1.4301	445764	3
						1.4404	445765	
	1530	20	30	168	499	1.4301	445758	3
						1.4404	445759	
	2030	20	30	168	499	1.4301	445758	4
						1.4404	445759	
300	330	20	30	268	298	1.4301	445776	1
						1.4404	445777	
	630	20	30	268	298	1.4301	445776	2
						1.4404	445777	
	1030	20	30	268	499	1.4301	445770	2
						1.4404	445771	
	1530	20	30	268	499	1.4301	445770	3
						1.4404	445771	
	2030	20	30	268	499	1.4301	445770	4
						1.4404	445771	
	3030	20	30	268	499	1.4301	445770	6
						1.4404	445771	

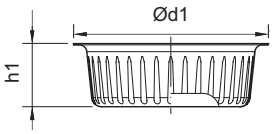
Accessories for ACO box channels

Order information

Silt baskets for ACO hygienic box channel



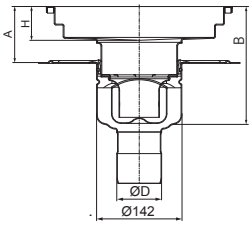




Channel dimension	Outlet	Direction of gully outlet	Silt basket dimension		Capacity	Material	Item number
Width Wo [mm]	øD [mm]		ød1 [mm]	h1 [mm]	[l]		
200, 300, 400, 500, 600, 800	125	vertical, horizontal	142	45	0.4	1.4301	416900
						1.4404	416901
200	142	vertical	142	45	0.4	1.4301	416900
						1.4404	416901
		horizontal	142	25	0.3	1.4301	416902
						1.4404	416903
	welded with ACO hygienic gully 142	vertical, horizontal	142	25	0.3	1.4301	416902
						1.4404	416903
300, 400, 500, 600, 800	142 or welded with ACO hygienic gully 157	vertical	159	50	0.6	1.4301	416904
						1.4404	416905
		horizontal	159	26	0.3	1.4301	416906
						1.4404	416907
300, 400, 500, 600, 800	200 or welded with ACO hygienic gully 218	vertical	222	50	1.4	1.4301	416908
						1.4404	416909
		horizontal	222	26	0.7	1.4301	416910
						1.4404	416911

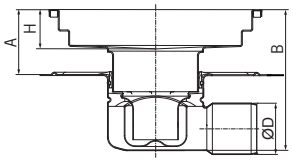
Flow rates and construction heights

ACO channel – ACO hygienic gully 142, vertical



Outlet diameter	Outlet position	Flow rate [l/s]	
		H = 60 mm	
		A min. = 85	A max. = 115
øD		B min. = 194	B max. = 224
75	Vertical	1.4	1.7
110		1.6	1.9

ACO channel – ACO hygienic gully 142, horizontal



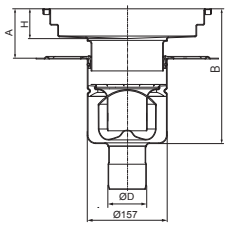
Outlet diameter	Outlet position	Flow rate [l/s]	
		H = 60 mm	
		A min. = 75	A max. = 115
øD		B min. = 185	B max. = 245
75	Horizontal	1.4	1.7
110		1.6	1.9

Notes:

A min. and B min. values can be reduced by 15 mm if earth screw is removed and channel outlet spigot shortened. Please be aware that channel outlet pipe shortening affects the A max. and B max. values.

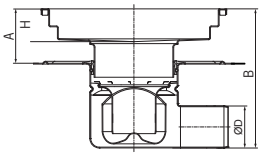
Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

ACO channel – ACO hygienic gully 157, vertical



Outlet diameter	Outlet position	Flow rate [l/s]	
		H = 60 mm	
		A min. = 85	A max. = 115
øD		B min. = 232	B max. = 262
75	Vertical	2.9	3.1
110		3.9	4.2

ACO channel – ACO hygienic gully 157, horizontal



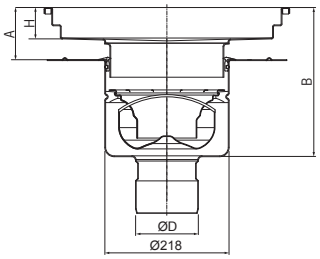
Outlet diameter	Outlet position	Flow rate [l/s]	
		H = 60 mm	
		A min. = 75	A max. = 115
øD		B min. = 242	B max. = 285
75	Horizontal	2.8	3.1
110		3.2	3.9

Notes:

A min. and B min. values can be reduced by 15 mm if earth screw is removed and channel outlet spigot shortened. Please be aware that channel outlet pipe shortening affects the A max. and B max. values.

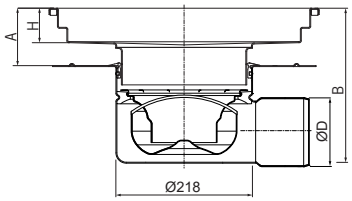
Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

ACO channel – ACO hygienic gully 218, vertical



Outlet diameter	Outlet position	Flow rate [l/s]									
		H = 60 mm		H = 80 mm		H = 100 mm		H = 150 mm		H = 200 mm	
		A min. = 75 [mm]	A max. = 115 [mm]	A min. = 95 [mm]	A max. = 135 [mm]	A min. = 115 [mm]	A max. = 155 [mm]	A min. = 165 [mm]	A max. = 205 [mm]	A min. = 215 [mm]	A max. = 255 [mm]
		B min. = 245 [mm]	B max. = 285 [mm]	B min. = 265 [mm]	B max. = 305 [mm]	B min. = 285 [mm]	B max. = 325 [mm]	B min. = 335 [mm]	B max. = 375 [mm]	B min. = 385 [mm]	B max. = 425 [mm]
øD											
110	Vertical	5.4	5.6	5.6	5.8	5.7	6.0	5.9	6.4	6.4	6.4
160		5.4	5.6	5.6	5.8	5.7	6.0	5.9	6.4	6.4	6.4

ACO channel – ACO hygienic gully 218, horizontal



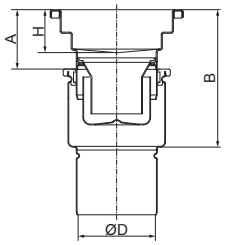
Outlet diameter	Outlet position	Flow rate [l/s]									
		H = 60 mm		H = 80 mm		H = 100 mm		H = 150 mm		H = 200 mm	
		A min. = 85 [mm]	A max. = 115 [mm]	A min. = 105 [mm]	A max. = 135 [mm]	A min. = 125 [mm]	A max. = 155 [mm]	A min. = 175 [mm]	A max. = 205 [mm]	A min. = 225 [mm]	A max. = 255 [mm]
		B min. = 235 [mm]	B max. = 265 [mm]	B min. = 255 [mm]	B max. = 285 [mm]	B min. = 275 [mm]	B max. = 305 [mm]	B min. = 325 [mm]	B max. = 355 [mm]	B min. = 375 [mm]	B max. = 405 [mm]
øD											
110	Horizontal	4.5	4.7	4.8	4.9	4.9	5.1	5.0	5.6	5.6	6.4

Notes:

A min. and B min. values can be reduced by 15 mm if earth screw is removed and channel outlet spigot shortened. Please be aware that channel outlet pipe shortening affects the A max. and B max. values.

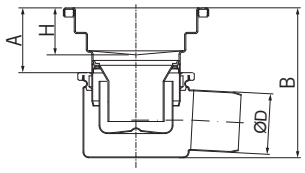
Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

ACO channel – ACO gully EG150, vertical



Outlet diameter	Outlet position	Flow rate [l/s]	
		H = 60 mm	
		A min. = 60	A max. = 85
øD		B min. = 165	B max. = 190
75	Vertical	1.3	1.5
110		1.3	1.5

ACO channel – ACO gully EG150, horizontal



Outlet diameter	Outlet position	Flow rate [l/s]	
		H = 60 mm	
		A min. = 60	A max. = 85
øD		B min. = 165	B max. = 190
75	Horizontal	1.3	1.5

Notes:

A min. and B min. values can be reduced by 15 mm if earth screw is removed and channel outlet spigot shortened. Please be aware that channel outlet pipe shortening affects the A max. and B max. values.

Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)



3 ACO Pipe

Introduction

ACO pipe is the ideal system for gray and black water, rainwater and industrial waste water drainage applications.

When used with ACO gully and ACO channel systems, ACO pipe provides a unique, complex building drainage solution.

ACO pipe and fittings are available in 40 mm, 50 mm, 75 mm, 110 mm, 125 mm, 160 mm, 200 mm, 250 mm and 315 mm external diameters with the standard lengths from 0.15 meter up to 6 meter for optimum practicality and ease of assembly.

ACO pipe
Online information

COLLECT:
Gather and capture

Every ACO product supports
the ACO WaterCycle



- Floor drainage
- Bathroom drainage
- Parking deck drainage
- Roof drainage
- Balcony and terrace drainage
- Pipe systems
- Wall protection
- Grease separators
- Starch separators
- Light oil separators
- Process technology
- Backflow systems
- Lifting stations
- Pumping stations



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www.buildingdrainage.aco

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