

Product Guide
Effective from 1st January 2022



P22

JANUARY EDITION

ACO Building Drainage

Drainage solutions for a range
of building applications

ACO Building Drainage

Our built environment is becoming ever more complex. Applications are becoming more sophisticated and the increasing pressure of regulations and standards makes achieving design, performance and financial goals ever tougher.

Our mission: to eliminate design risk, to reduce installed and life cost and to deliver exceptional finish and performance in every product application.

Our global resources and fabrication capacity make it possible for us to deliver best value, both with our standard products and with our bespoke designs. Confidence is further assured with quality systems that are in accordance with ISO 9001-2008.

ACO Building Drainage is a division of ACO Technologies plc and part of the worldwide ACO Group. The Group has sales in excess of £700 million worldwide with production facilities in the UK, Germany, France, Switzerland, Denmark, Spain, Poland, Czech Republic, Australia and the USA. In total more than 4,000 people are employed in over 40 countries throughout the world.



ACO Building Drainage Enquiries Team:

Tel: +44(0)1462 810421

Email: abdestimating@aco.co.uk

- A complete pricing service to merchants, contractors and clients.

ACO Building Drainage Customer Services Team:

Tel: +44(0)1462 810411

Email: abdcommercial@aco.co.uk

- Product availability, delivery lead times, and all other queries including collections, returns and product / service issues.

ACO Building Drainage Design Services Team:

Tel: +44(0)1462 810431

Email: abdtechnical@aco.co.uk

- Technical and installation advice.
- Detailed design and 'Value Engineering' advice.
- Hydraulic calculations and AutoCAD drawings.
- Advice on suitability of ACO equivalent products.

ACO Building Drainage Marketing and Media Support

Tel: +44(0)1462 810400

Email: abdmarketing@aco.co.uk

- For all product brochures, imagery or merchandising material requests.

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collect:

- Stainless Steel and Galvanised steel Channels
- Stainless Steel Gullies
- Pipe System
- Roof / Balcony Drainage
- Wetroom & Shower Drainage



clean:

- Grease Management Systems



hold:

- Anti-flood Backflow Protection Systems



release:

- Lifting Stations

Office address and contact details:

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Caxton Road
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Company Registration No: 1854115
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www.aco.co.uk

For quick access to
our website, scan:



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Prices and information shown in this product guide are subject to change without notice due to ACO's policy of continuous improvement. Please check www.aco.co.uk to ensure you have the latest information.

ACO Building Drainage lead times and delivery charges

Effective from 1st June 2021

Deliveries

Product Range	Lead Time	Yard / Site Deliveries Carriage Charges
ACO Engineered Solution Drainage Systems	Call sales for best delivery	
ACO Modular 125 +	3-5 Days	
ACO Hygienic Tray Channels	Call sales for best delivery	
ACO Round Gullies in S/S 304	3-5 Weeks	
ACO Gullies in S/S 304	3-5 Days	
ACO Gullies in S/S 316	Call sales for best delivery	
ACO High Capacity Gullies	4-5 weeks	
ACO PIPE® 50mm, 110mm & 160mm EPDM in S/S 304	3-5 Days	
ACO PIPE® (all other products)	Call sales for best delivery	
ACO GM-X and GM-X-VAC Pipe	Call sales for best delivery	
ACO DeckLine	3-5 Days	FOC for single shipments to UK mainland destinations if order > £300 nett. If order < £300 nett a small order charge of £40 - £70 will apply.
ACO Rainwater Outlets	3-5 Days	
ACO FreeDeck Fixed Galv Steel	3-5 Days	
ACO FreeDeck (all other products)	Call sales for best delivery	
ACO ShowerDrain C Line & Shower Channel	3-5 Days	
ACO ShowerDrain Gully	3-5 Days	
ACO Mobile	3-5 Days	
ACO Gravity Grease Separators	Call sales for best delivery	
ACO Biological Grease Traps	3-5 Days	
ACO Junior	3-5 Days	
ACO Triplex	3-5 Days	
ACO Quatrix	3-5 Days	

Important Notes

Product Range	Lead Time
Prices	Unless otherwise indicated, all prices are per single item. All prices exclude VAT.
Areas	This document refers to England, Scotland and Wales (for Channel Islands, Isle of Wight, Isle of Man, N. Ireland & Eire please contact the ACO Building Drainage Sales Office).
Order Cut Off Times	All orders received before 12 noon will be delivered 3 working days later (for 4 day lead times), and are subject to public holidays. All order queries must be resolved prior to 3.00pm on the same day that the order is received to ensure delivery can be met.
Lead times	Lead times quoted are subject to availability and order volumes.
Delivery	Non-standard deliveries and offload services will incur additional charges and may extend delivery lead time.
Order Amendments	Order amendments must be received in writing before 3.30pm on the same day that the order is received at the ACO Building Drainage Sales Office. Amendments received after this time may be subject to handling and administration charges.
Order Cancellations	Order cancellations must be received in writing before 3.30pm on the same day that the order is received at the ACO Building Drainage Sales Office. Cancellations received after this time may be subject to handling and administration charges.
Product Returns	Stock items may be returned up to 3 months after invoicing by ACO, subject to prior written agreement and minimum 35% re-stocking charge or minimum charge of £50 for low value items. Goods must be in a re-saleable condition as delivered, and appropriately packaged and labelled prior to return.

Delivery Charges

Delivery type	Cost
Small order charge	£40.00 - £70.00*
Next Day Delivery	Call Sales to discuss
Timed Delivery	£70.00
Delivery with tail-lift/pump truck per lorry load	£140.00
Delivery with Crane offload per lorry load	Call Sales to discuss
Silver for service	£25.00 per pallet - additional delivery charge
All other delivery requirements	Call Sales to discuss

Collections

- Collections must be pre-arranged 24 hours or more prior to collection date.
- Collections only possible Monday to Thursday between 9am and 3pm, Fridays 9am to 11am.
- ACO collection reference must be quoted at time of collection.

Load Class and Wheel Loads

Application	EN 1433 (Drainage Channels) & EN 124 (Manhole & Gully Tops)	EN 1253 (Gullies for Buildings)	FACTA Load Class	Slow Moving Wheel Load (Tonnes)	
				Pneumatic Tyres	Solid Tyres
	-	H1.5	-	Non-load bearing	
	A15	K3	-	0.15	N/A
		-	A	0.5	N/A
		L15	-	0.7	N/A
		-	AA	1.5	N/A
	B125	R50*	AAA	2.5	0.5
		M125	B	5.0	0.75
	C250	N250*	C	6.5	1.0
	D400	P400*	D	11.0	3.0
	E600	-	E	16.0	5.0

Standards references:

BS EN 1433 - Drainage channels for vehicular and pedestrian areas.

BS EN 1253 - Gullies for buildings.

BS EN 124 - Gully tops and manhole tops for vehicular and pedestrian areas. FACTA specification via <http://www.facta.org.uk/specification.pdf>

ACO products are subject to weight and dimensional tolerances, which do not affect the performance of the product. All weights and dimensions shown in this document are for guidance only.

Stainless steel AISI 304 vs AISI 316

ACO uses predominantly AISI 304 stainless steel as specified in the American Standard. This stainless steel is a high-grade austenitic alloy that can withstand most of the fluids that are found in the wastewater.

ACO offers the higher grade AISI 316 stainless steel for applications (e.g. swimming pools, chemical plants, etc.) where there is a higher resistance required against corrosion because of the use of more aggressive chemicals or cleaning fluids.

If you have any questions about what stainless steel grade is most suitable for your application please contact our design department tel: 01462 810 431 email abdtechnical@aco.co.uk

Glossary of Symbols

	Products that have a Fully Hygienic Design		Products recommended for animal friendly environments e.g. kennels and catteries
	Products recommended for barefoot applications e.g. shower areas and changing rooms		Products with fire resistant properties

Key information

Key information for contractors regarding linear drainage systems

Important information for installers of linear drainage systems is summarised below:



■ BS EN 1433 – Drainage Channels for Vehicle & Pedestrian Areas – is the only British and European standard for linear drainage products.

■ BS EN 1433 requires CE marking and contains 3 'Essential Characteristics' which must be independently tested and verified:

- **Load bearing capacity** – ensures the installation can safely accommodate vehicle and pedestrian traffic loads without damage.
- **Durability** – materials selected for a long, trouble-free service life.
- **Water-tightness** – prevention of leakage into the surrounding environment.



Why is this standard important?

Products conforming to BS EN 1433 eliminate in-service performance risks for all concerned. Products must be independently 3rd party tested.

Is BS EN 1433 a mandatory standard?

The Construction Products Regulations (CPR) came into force in 2013, and it became a legal requirement for all linear drainage systems to be CE marked. ACO Building Drainage has independently certified and CE marked stainless steel Modular 125 and galvanised steel DeckLine 125 linear drainage systems making quality and reliability assured.

Is there any benefit for me?

Yes. The ACO brand is known for quality linear drainage products through its Water Management and Building Drainage divisions. ACO Building Drainage manufactures a range of off-the-shelf linear drainage systems conforming to BS EN 1433 providing reliable and proven drainage systems for all current and future projects.



ACO Design Services and Products



Design Services - Let Us Help!

ACO Building Drainage Services Team is staffed by engineers who live and breathe bespoke drainage systems. Forward your proposals or design criteria, and they will assist in the development of suitable cost effective ACO solutions, taking into account hydraulic calculations, aesthetics and drainage. Services are free of charge and without obligation.

Drainage is a critical part of every construction project, both large and small. This provides the infrastructure and the vital arteries through

which waste water can drain away from a building quickly and safely. An effective system is crucial to eliminate the risk of flooding and health issues that can present significant risk to people and property.

Each building has its own unique set of drainage needs and it is these critical factors that must be considered when planning drainage systems, to minimise construction costs, while simultaneously optimising the aesthetics, functionality and long term reliability of drainage units.

Services we offer (free and without obligation*)

- Efficient drainage solutions (from collection to discharge..)
- Specification, design and installation advice.
- Hydraulic calculation and design detailing
- Take off and schedules

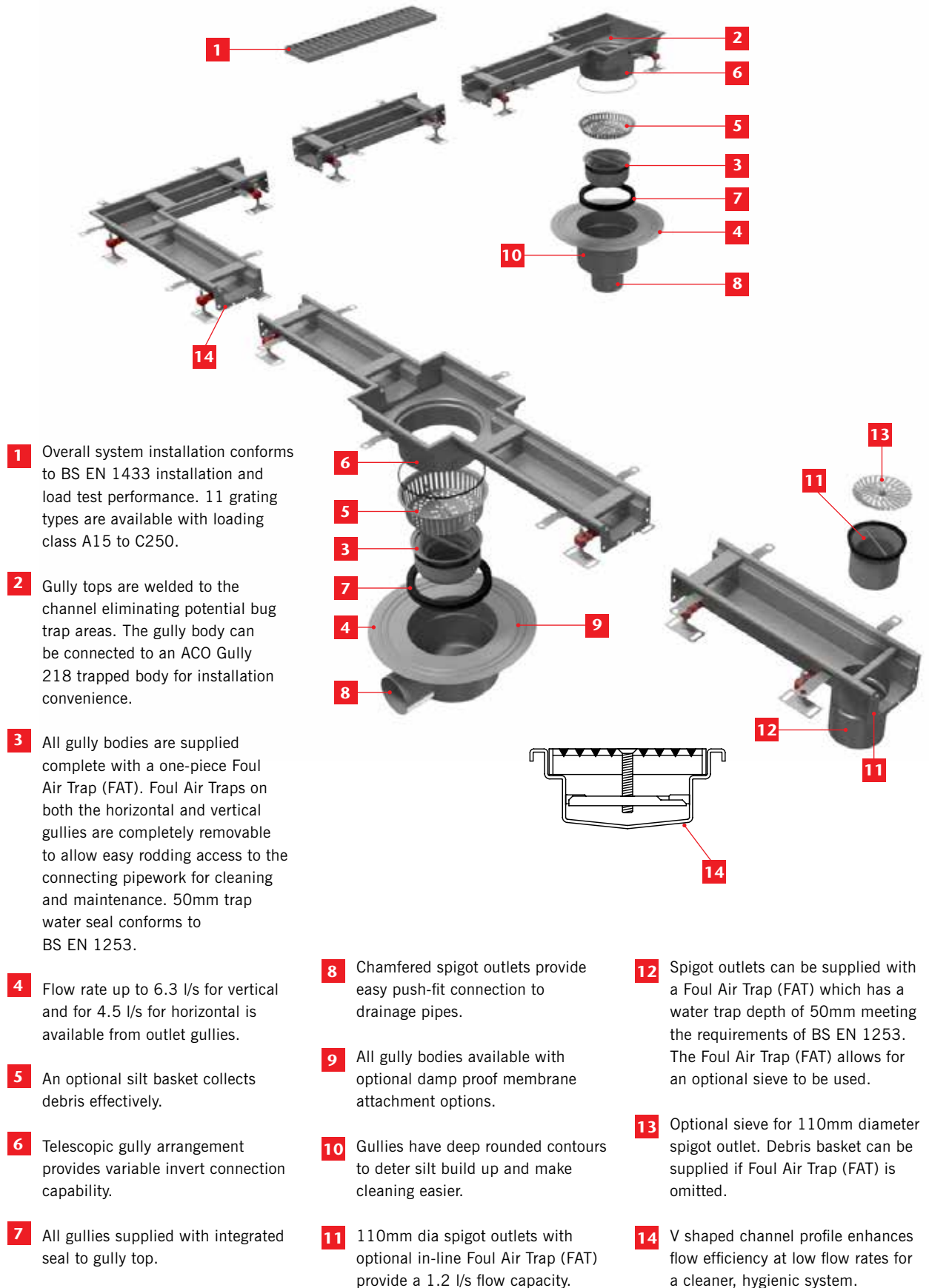
(*) limited to ACO products only
Contact the ACO Building Drainage Design Services team on 01462 810400 or email abdtechnical@aco.co.uk

Examples of some of the most prestigious projects which used our engineered solutions services and products

Twickenham Stadium - The home of English rugby

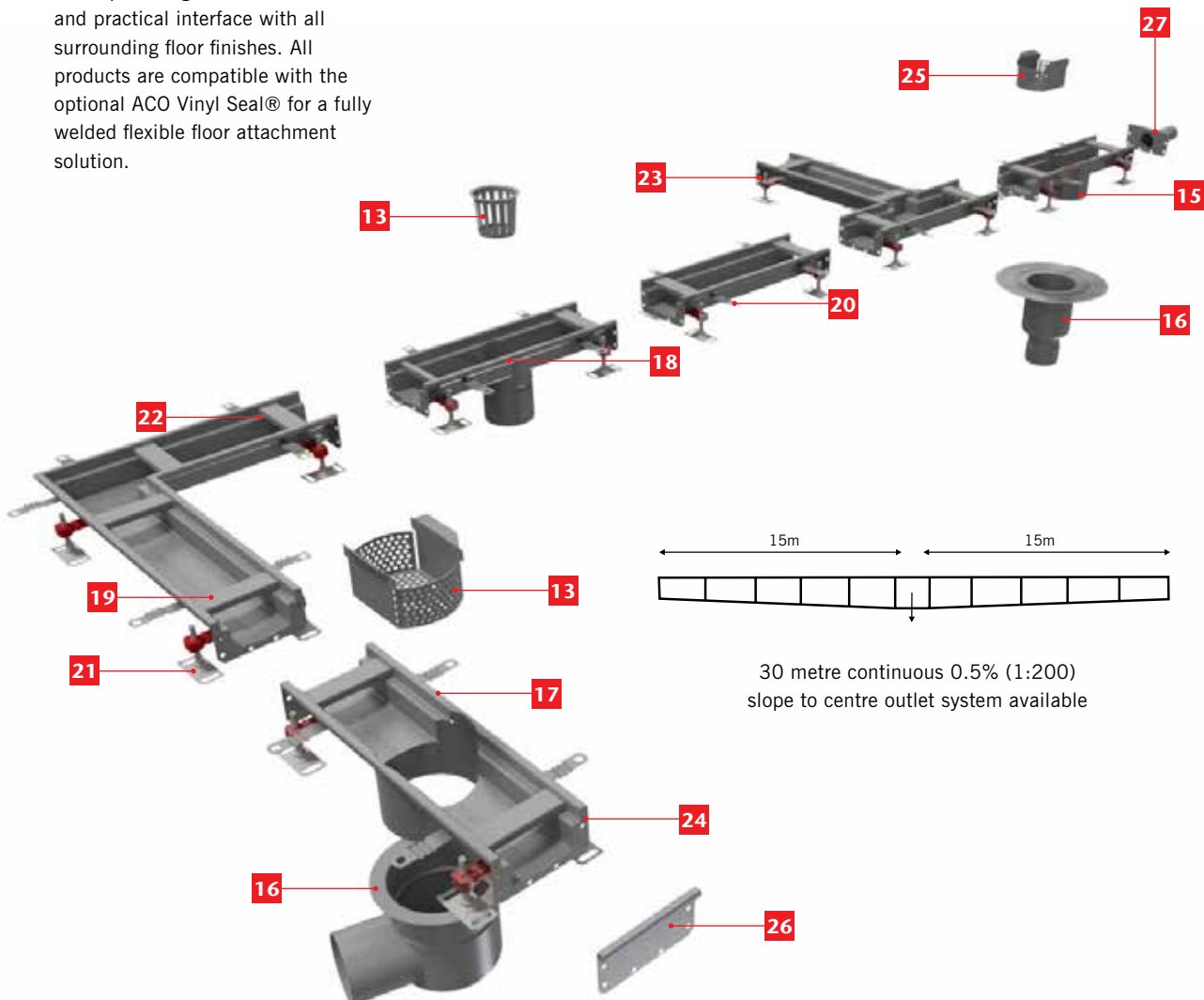


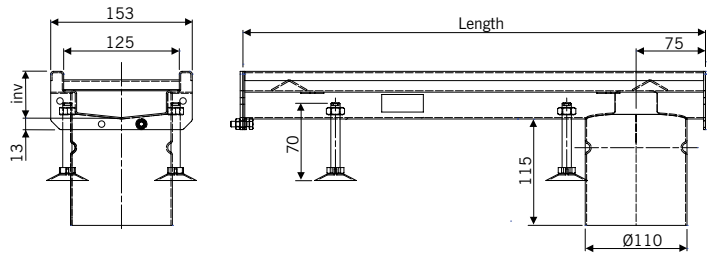
Features and Benefits



Features and Benefits

- 15** Discreet channel gully outlets provide greater flow than a spigot outlet and also maintain a consistent width to the channel where aesthetic considerations are important.
- 16** The discreet channel gully can be connected to ACO Gully 157 trapped body for installation convenience.
- 17** Discreet channel gully flow rates up to 4.5 l/s and 2.8 l/s for vertical and horizontal outlet gullies respectively.
- 18** Channel and gully tops finished with a brushed 14mm wide edge detail providing an attractive and practical interface with all surrounding floor finishes. All products are compatible with the optional ACO Vinyl Seal® for a fully welded flexible floor attachment solution.
- 19** Channels are supplied complete with removable spacer bars to aid installation. They are easily removed prior to grating installation.
- 20** Concrete anchor ties are supplied welded to the channel for increased operational robustness following installation.
- 21** Levelling feet assist in setting the channel out to finished floor level and provide a convenient concrete anchor.
- 22** Corner units accommodate standard 500mm grating lengths.
- 23** Branch units accommodate standard 500mm grating lengths.
- 24** Flange plates are welded to each channel section and allow multi-point clamping of the neoprene sponge gasket for a waterproof seal.
- 25** An optional discrete channel silt basket collects debris effectively.
- 26** Closing end plates available for all level invert channel depths.
- 27** Outlet end cap available to special order.

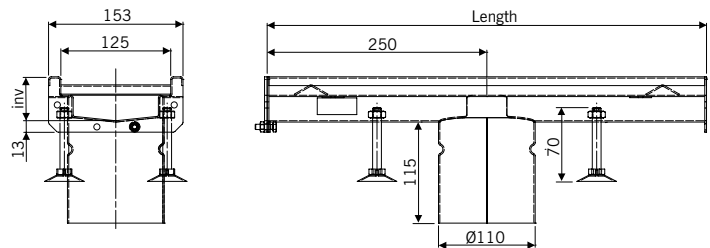


End Spigot Outlets

Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Invert (mm)	Flow rate (l/s)	Weight (kg)
105175	End Spigot Outlet S/S 304	500	153	50 (+115)	50	1.2	2.60
105176		500	153	65 (+115)	65	1.2	2.80
105177		500	153	80 (+115)	80	1.2	3.10
105178		500	153	95 (+115)	95	1.2	3.30
105179		500	153	110 (+115)	110	1.2	3.50
105180		500	153	125 (+115)	125	1.2	3.70
105183	End Spigot Outlet S/S 304	1000	153	50 (+115)	50	1.2	4.20
105184		1000	153	65 (+115)	65	1.2	4.60
105185		1000	153	80 (+115)	80	1.2	5.00
105186		1000	153	95 (+115)	95	1.2	5.40
105187		1000	153	110 (+115)	110	1.2	5.80
105188		1000	153	125 (+115)	125	1.2	6.20

All spigot outlets are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.

†Spigot depth in brackets.

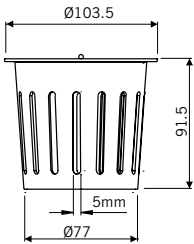
Centre Spigot Outlets

Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Invert (mm)	Flow rate (l/s)	Weight (kg)
105191	Centre Spigot Outlet S/S 304	500	153	50 (+115)	50	1.2	2.70
105192		500	153	65 (+115)	65	1.2	2.90
105193		500	153	80 (+115)	80	1.2	3.10
105194		500	153	95 (+115)	95	1.2	3.30
105195		500	153	110 (+115)	110	1.2	3.50
105196		500	153	125 (+115)	125	1.2	3.70
105199	Centre Spigot Outlet S/S 304	1000	153	50 (+115)	50	1.2	4.20
105200		1000	153	65 (+115)	65	1.2	4.60
105201		1000	153	80 (+115)	80	1.2	5.10
105202		1000	153	95 (+115)	95	1.2	5.40
105203		1000	153	110 (+115)	110	1.2	5.80
105204		1000	153	125 (+115)	125	1.2	6.20

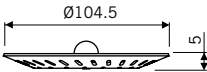
All spigot outlets are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.

†Spigot depth in brackets.

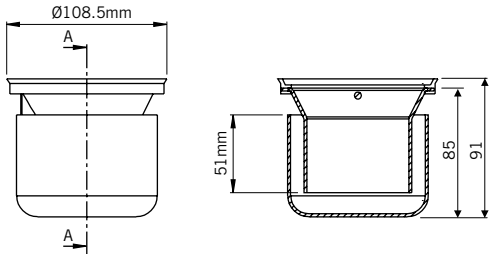
Spigot Accessories



Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Flow rate (l/s)	Weight (kg)
21510	Sediment Basket S/S 304	-	Ø103.5	91.5	-	0.10



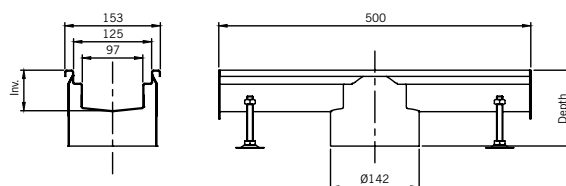
Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Flow rate (l/s)	Weight (kg)
97235	Sieve S/S 304	-	Ø104.5	5.0	-	0.10



Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Flow rate (l/s)	Weight (kg)
97217	Foul Air Trap (FAT) 110mm Outlet S/S 304	-	Ø108.5	91.0	1.2	0.30

ACO Modular 125 +

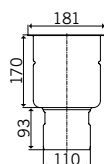
Discreet Channel Gully



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Flow rate* (l/s)	Weight (kg)
105381	Discreet Channel Gully S/S 304	500	153	120	65	3.2 - 4.2	3.10
105382		500	153	150	95	3.2 - 4.2	3.50
105383		500	153	180	125	3.2 - 4.2	4.00
105384	Sediment Basket 0.55 litre capacity S/S 304	-	-	-	-	-	0.10

*Flow rate dependant on horizontal or vertical outlet gully body selection.

ACO Hygienic Gully 157 – Telescopic for Use With Discreet Channel Gully

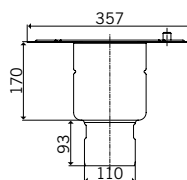


FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408055	Gully 157 TELE Vertical Outlet - Location Flange S/S 304	181	157	170 (+93)	110	3.9 - 4.2	2.30

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets

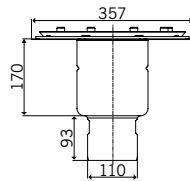


FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408057	Gully 157 TELE Vertical Outlet - Adhesive Bonding Flange S/S 304	357	157	170 (+93)	110	3.9 - 4.2	3.30

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets

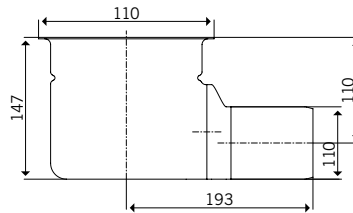
ACO Hygienic Gully 157 – Telescopic for Use With Discreet Channel Gully

FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408059	Gully 157 TELE Vertical Outlet - Mechanical Clamping Flange S/S 304	357	157	170 (+93)	110	3.9 - 4.2	4.30

*Flow rate will depend on telescopic height configuration when installed.

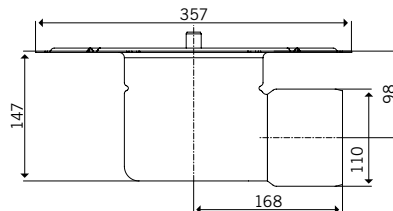
†Spigot depth in brackets



FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408079	Gully 157 TELE Horizontal Outlet S/S 304	181	157	147	110	3.2 - 3.9	2.20

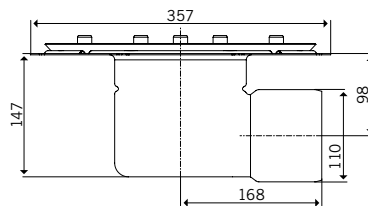
*Flow rate will depend on telescopic height configuration when installed.



FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408081	Gully 157 TELE Horizontal Outlet Adhesive Bonding Flange S/S 304	357	157	147	110	3.2 - 3.9	3.20

*Flow rate will depend on telescopic height configuration when installed.

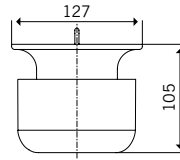


FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408083	Gully 157 TELE Horizontal Outlet - Mechanical Clamping Flange S/S 304	357	157	147	110	3.2 - 3.9	4.10

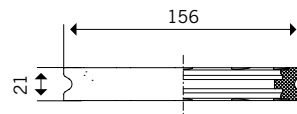
*Flow rate will depend on telescopic height configuration when installed.

ACO Hygienic Gully 157 – Telescopic – Replacement Parts



FHD

Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Flow rate (l/s)	Weight (kg)
408200	Foul Air Trap S/S 304	-	Ø127	105	-	0.80

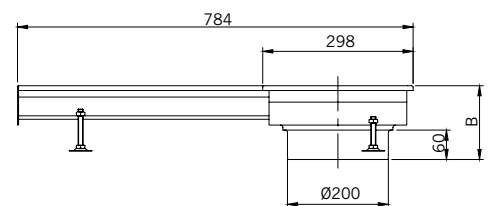
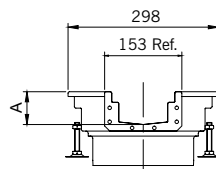
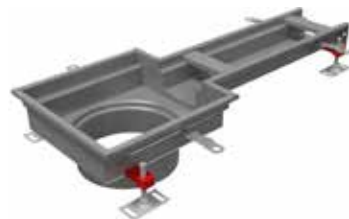


Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Flow rate (l/s)	Weight (kg)
408201	Foul Air Trap Support Ring Nitrile	-	Ø156	21	-	0.10

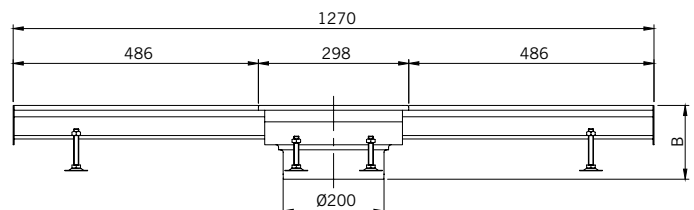
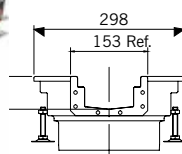
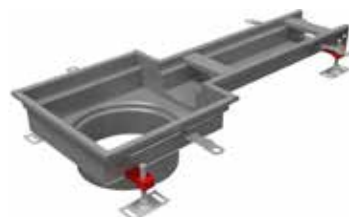


Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Flow rate (l/s)	Weight (kg)
408205	Friction Ring Installation Set Nitrile	-	Ø184	24	-	0.07

One and Two Way Gully Tops



Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Invert (mm)	Flow rate (l/s)	Weight (kg)
105375	Two Way Gully Top S/S 304	784	153 / 298	65	145	-	4.60
105376		784	153 / 298	95	175	-	5.20
105377		784	153 / 298	125	205	-	6.20



Part No	Description	Length overall (mm)	Width overall (mm)	Depth † overall (mm)	Invert (mm)	Flow rate (l/s)	Weight (kg)
105378	Two Way Gully Top S/S 304	1270	153 / 298	65	145	-	4.60
105379		1270	153 / 298	95	175	-	5.20
105380		1270	153 / 298	125	205	-	6.20

ACO Hygienic Gully 218 – Telescopic for Use With One Way and Two Way Gully Tops

Part No	Description	Flange Dia (mm)	Body Dia (mm)	Depth † overall (mm)	Spigot Dia (mm)	Flow rate* (l/s)	Weight (kg)
408061	Gully 218 TELE Vertical Outlet	242	218	170 (+98)	110	5.0 - 6.3	3.30
408067	S/S 304	242	218	170 (+77)	160	5.0 - 6.3	3.20

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets



Part No	Description	Flange Dia (mm)	Body Dia (mm)	Depth † overall (mm)	Spigot Dia (mm)	Flow rate* (l/s)	Weight (kg)
408063	Gully 218 TELE Vertical Outlet -	418	218	170 (+98)	110	5.0 - 6.3	4.50
408069	Adhesive Bonding Flange S/S 304	418	218	170 (+77)	160	5.0 - 6.3	4.50

*Flow rate will depend on telescopic height configuration when installed.

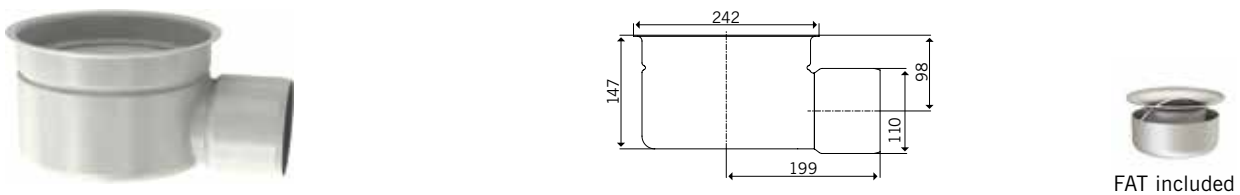
†Spigot depth in brackets



Part No	Description	Flange Dia (mm)	Body Dia (mm)	Depth † overall (mm)	Spigot Dia (mm)	Flow rate* (l/s)	Weight (kg)
408065	Gully 218 TELE Vertical Outlet -	418	218	170 (+98)	110	5.0 - 6.3	5.60
408071	Mechanical Clamping Flange S/S 304	418	218	170 (+77)	160	5.0 - 6.3	5.50

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets

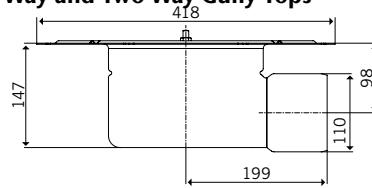


Part No	Description	Flange Dia (mm)	Body Dia (mm)	Depth overall (mm)	Spigot Dia (mm)	Flow rate* (l/s)	Weight (kg)
408085	Gully 218 TELE Horizontal Outlet S/S 304	242	218	147	110	4.4 - 5.5	2.20

*Flow rate will depend on telescopic height configuration when installed.

ACO Modular 125 +

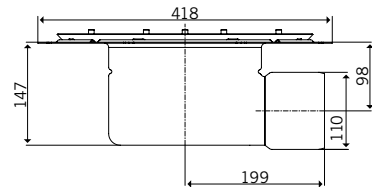
ACO Hygienic Gully 218 – Telescopic for Use With One Way and Two Way Gully Tops

**FHD**

FAT included

Part No	Description	Flange Dia (mm)	Body Dia (mm)	Depth overall (mm)	Spigot Dia (mm)	Flow rate* (l/s)	Weight (kg)
408087	Gully 218 TELE Horizontal Outlet - Adhesive Bonding Flange S/S 304	418	218	147	110	4.4 - 5.5	4.20

*Flow rate will depend on telescopic height configuration when installed.

**FHD**

FAT included

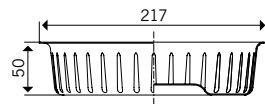
Part No	Description	Flange Dia (mm)	Body Dia (mm)	Depth † overall (mm)	Spigot Dia (mm)	Flow rate* (l/s)	Weight (kg)
408089	Gully 218 TELE Horizontal Outlet - Mechanical Clamping Flange S/S 304	418	218	147	110	4.4 - 5.5	4.40

*Flow rate will depend on telescopic height configuration when installed.

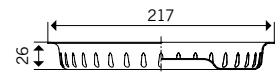
ACO Hygienic Gully 218 – Telescopic – Accessories



Vertical

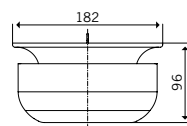


Horizontal



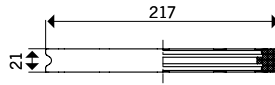
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate* (l/s)	Weight (kg)
416908	Vertical Outlet Gully Silt Basket 1.4 litre capacity S/S 304	-	Ø222	50	-	0.70
416910	Horizontal Outlet Gully Silt Basket 0.7 litre capacity S/S 304	-	Ø222	26	-	0.60

ACO Hygienic Gully 218 – Telescopic – Replacement Parts

**FHD**

Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408220	Foul Air Trap (FAT) S/S 304	-	Ø182	96	-	1.20

ACO Hygienic Gully 218 – Telescopic – Replacement Parts

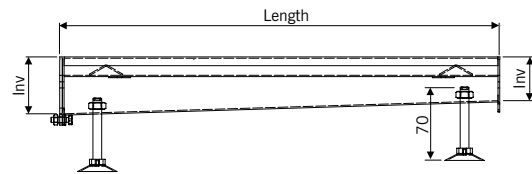
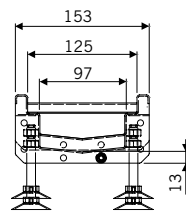


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408221	Foul Air Trap (FAT) Support Ring Nitrile	-	Ø217	21	-	1.20



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408225	Friction Ring Installation Set Nitrile	-	Ø243	24	-	0.09

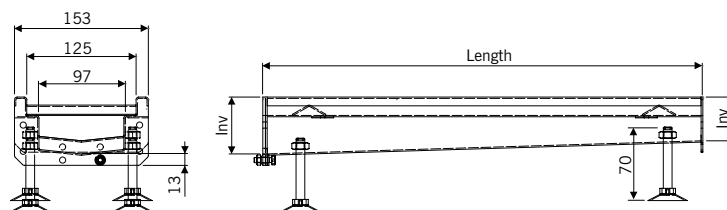
Level Invert Channels



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Flow rate (l/s)	Weight (kg)
105119	Level Invert Channel 304	500	153	63	50	-	2.30
105120		500	153	78	65	-	2.50
105121		500	153	93	80	-	2.70
105122		500	153	108	95	-	2.90
105123		500	153	123	110	-	3.10
105124	Level Invert Channel 304	500	153	138	125	-	3.40
105127		1000	153	63	50	-	3.90
105128		1000	153	78	65	-	4.20
105129		1000	153	93	80	-	4.60
105130		1000	153	108	95	-	5.00
105131	Level Invert Channel 304	1000	153	123	110	-	5.40
105132		1000	153	138	125	-	5.80
105135		2000	153	63	50	-	7.20
105136		2000	153	78	65	-	7.90
105137		2000	153	93	80	-	8.60
105138	Level Invert Channel 304	2000	153	108	95	-	9.50
105139		2000	153	123	110	-	10.40
105140		2000	153	138	125	-	11.20
105143		3000	153	63	50	-	10.20
105144		3000	153	78	65	-	11.30
105145	Level Invert Channel 304	3000	153	93	80	-	12.40
105146		3000	153	108	95	-	13.50
105147		3000	153	123	110	-	14.60
105148		3000	153	138	125	-	15.70

All channels are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.

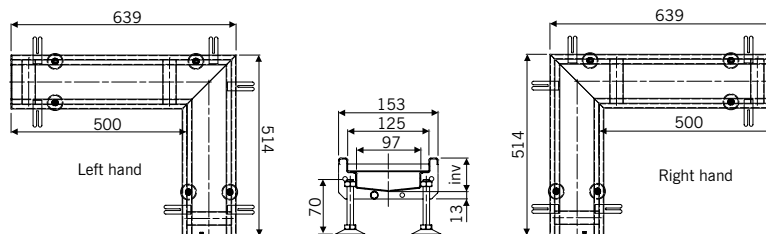
Sloping Invert Channels



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Flow rate (l/s)	Weight (kg)
105151	Sloping Invert Channel S/S 304	500	153	63-78	50-65	-	2.40
105152		500	153	78-93	65-80	-	2.50
105155	Sloping Invert Channel S/S 304	1000	153	63-78	50-65	-	4.00
105156		1000	153	78-93	65-80	-	4.40
105157		1000	153	93-108	80-95	-	4.80
105158		1000	153	108-123	95-110	-	5.20
105161	Sloping Invert Channel S/S 304	2000	153	63-78	50-65	-	7.50
105162		2000	153	78-93	65-80	-	8.20
105163		2000	153	93-108	80-95	-	8.90
105164		2000	153	108-123	95-110	-	9.70
105165		2000	153	123-138	110-125	-	10.50
105168	Sloping Invert Channel S/S 304	3000	153	63-78	50-65	-	10.70
105169		3000	153	78-93	65-80	-	11.80
105170		3000	153	93-108	80-95	-	12.90
105171		3000	153	108-123	95-110	-	14.00
105172		3000	153	123-138	110-125	-	15.10

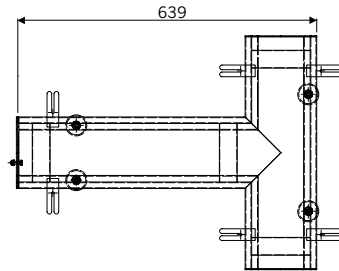
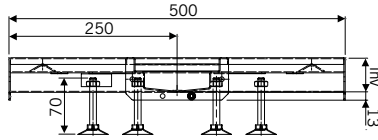
All channels are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.

Corner Units



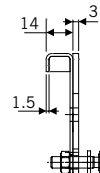
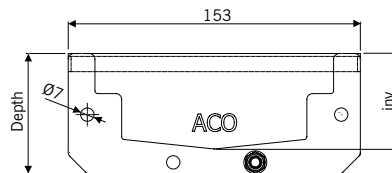
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Flow rate (l/s)	Weight (kg)
105207	Corner Unit - Right Hand S/S 304	639x514	153	63	50	-	3.90
105208		639x514	153	78	65	-	4.30
105209		639x514	153	93	80	-	4.70
105210		639x514	153	108	95	-	5.10
105211		639x514	153	123	110	-	5.50
105212		639x514	153	138	125	-	5.80
105214	Corner Unit - Left Hand S/S 304	639x514	153	63	50	-	4.00
105215		639x514	153	78	65	-	4.30
105216		639x514	153	93	80	-	4.80
105217		639x514	153	108	95	-	5.10
105218		639x514	153	123	110	-	5.50
105219		639x514	153	138	125	-	6.30

All channels are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.

Branch Units

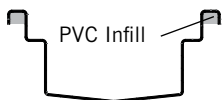
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Flow rate (l/s)	Weight (kg)
105221	Branch Unit S/S 304	639 x 500	153	63	50	-	3.90
105222		639 x 500	153	78	65	-	4.30
105223		639 x 500	153	93	80	-	4.70
105224		639 x 500	153	108	95	-	5.10
105225		639 x 500	153	123	110	-	5.40
105226		639 x 500	153	138	125	-	5.80

All branch units are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.

End Plates

Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Flow rate (l/s)	Weight (kg)
105100	End Plate S/S 304	14	153	63	50	-	0.20
105101		14	153	78	65	-	0.20
105102		14	153	93	80	-	0.20
105103		14	153	108	95	-	0.24
105104		14	153	123	110	-	0.26
105105		14	153	138	125	-	0.29

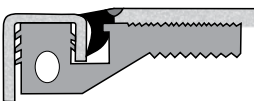
All end plates are supplied complete with neoprene gasket and fixings.

PVC Infill

PVC Infill can be inserted into the underside of the visible edge of channels and associated component sections to provide additional strength and prevent damage. PVC Infill is recommended for installations that are subject to wheeled heavy loadings from trolleys or vehicles. **This must be included for applications at Load Class C250 and above.**

Part No	Description	Length overall (mm)	Weight (kg)
45107	PVC Infill*	1000	0.50†

*Double quantity required for each metre of channel (including ends). †Price & weight per metre.

ACO Vinyl Seal®

Ideal for vinyl/flexible sheet flooring applications, ACO Vinyl Seal® can be used to create a fully welded system that is watertight and improves hygiene performance by eliminating cumbersome mechanical clamping systems. **ACO Vinyl Seal® is not suitable for wooden or suspended floors.**

Part No	Description	Length overall (mm)	Weight (kg)
49062	Flexible PVC Seal*	1000	0.01†
49061	Rigid PVC Extrusion - 2100mm Length	2100	0.50
49063	10" Sheet Plier Grip Wrench	-	0.50

*Double quantity required for each metre of channel (including ends). †Weight per metre.

Grating Lockings and Security

For applications where locked gratings are required, the ACO Modular 125+ channel and gully system can be supplied with factory fitted standard lockings (using a standard hexagon wrench) or security lockings (using a security hexagon wrench).

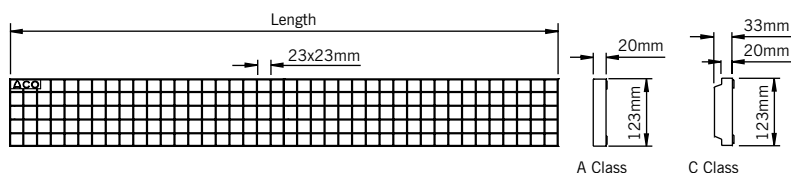
Notes:

1. Channel systems required with locked gratings require appropriate grating with locking recess.
2. If a locking recess is not standard then grating locking modification will be required.
3. Gully gratings will be modified at the factory for locking as part of gully locking kit.
4. Locking kits include channel / gully modification, locking bar and fixing.
5. Appropriate standard or security locking wrench to be ordered separately.

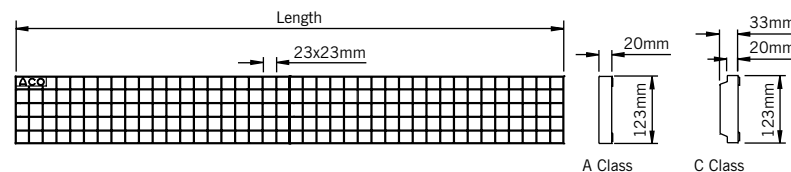
Part No	Description	Pricing unit
26310	Standard Channel Locking Kit†	Per metre channel run
26320	Security Channel Locking Kit†	Per metre channel run
26340	Grating Locking Modification†	Per metre (not required for gratings with locking access as standard)
26350	Security Gully Locking Kit	Per gully top
26360	Standard Gully Locking Kit	Per gully top
46876	Standard Hexagon Locking Wrench 5mm	
46786	Security Hexagon Locking Wrench 5mm	

† Price per linear metre.

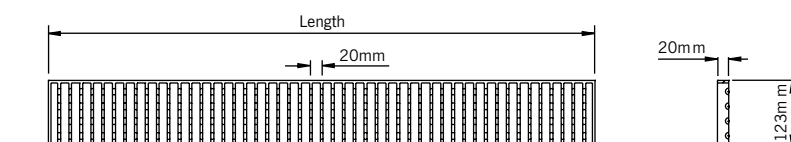
Channel Gratings



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
21620	Plain Mesh S/S 304	Electropolished	A15	1000	123	20	3.00
21720		Electropolished	A15	500	123	20	1.60
21820		Electropolished	C250†	1000	123	33	4.20
21920		Electropolished	C250†	500	123	33	2.20



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
21610	Slip Resistant Mesh S/S 304	Electropolished	A15	1000	123	20	3.00
21710		Electropolished	A15	500	123	20	1.60
21810		Electropolished	C250†	1000	123	33	4.20
21910		Electropolished	C250†	500	123	33	2.20

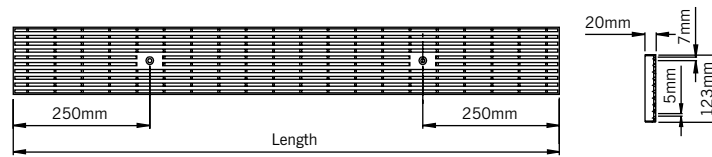
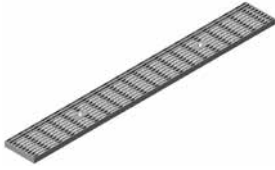


Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
21741	Ladder Grating S/S 304 Reversible	Pickled	C250†	1000	123	20	3.40
21740	Plain or Slip Resistant	Pickled	C250†	500	123	20	2.00

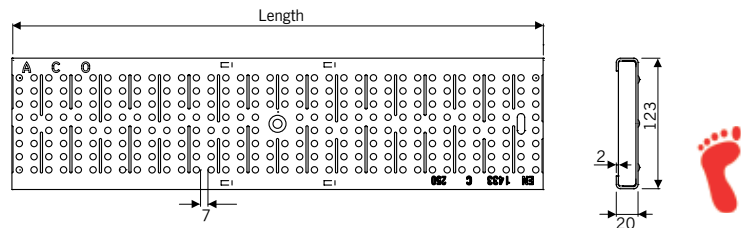
* Locking recess in grating provided as standard. Refer to page 20 for channel locking kits and appropriate wrench to complete locked grating system.

† Please refer to page 19 for PVC infill required for applications at Load Class C250.

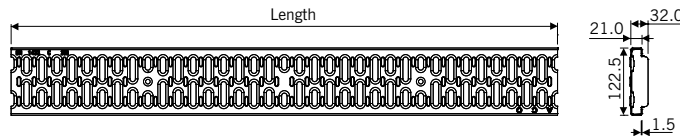
Channel Gratings



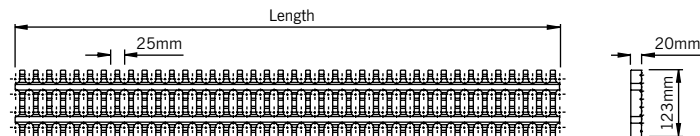
Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
96818	Heelsafe S/S 304	Linished	B125	1000	123	20	3.40
96819		Linished	B125	500	123	20	2.00
402071	Heelsafe Locked S/S 304*	Linished	B125	1000	123	20	3.40
402072		Linished	B125	500	123	20	2.00



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
105504	Perforated Locked S/S 304*	Pickled	C250†	1000	123	20	3.60
105505		Pickled	C250†	500	123	20	1.80



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
105518	Slotted Locked S/S 304*	Pickled	A15	1000	122.5	32	2.00
105519		Pickled	A15	500	122.5	32	1.00
105520		Pickled	C250†	1000	122.5	32	4.70
105521		Pickled	C250†	500	122.5	32	2.30

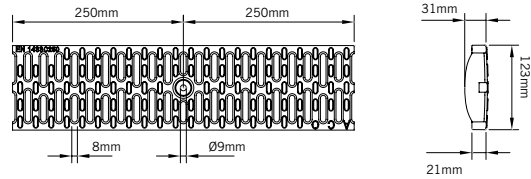


Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
21690	White Plastic	-	A15	1000	123	20	1.20
21790		-	A15	500	123	20	0.60

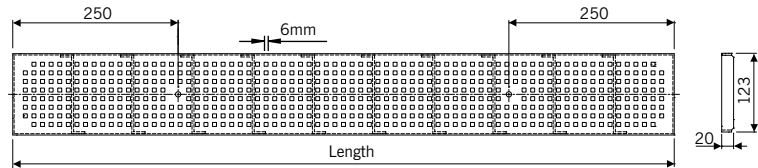
* Locking recess in grating provided as standard. Refer to page 20 for channel locking kits and appropriate wrench to complete locked grating system.

† Please refer to page 19 for PVC Infill required for applications at Load Class C250.

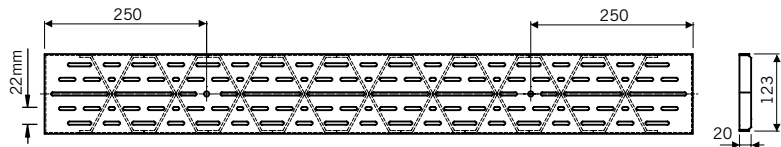
Channel Gratings



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
15704	Black Composite*	-	C250†	500	123	31	1.20



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
105529	Quadrato S/S 304	Linished	A15	1000	123	20	3.20
105530		Linished	A15	500	123	20	1.60
105527	Quadrato Locked S/S 304*	Linished	A15	1000	123	20	3.20
105528		Linished	A15	500	123	20	1.60
105841	Slip Resistant Quadrato S/S 304	Structured	A15	1000	123	20	3.20
105842		Structured	A15	500	123	20	1.60
105843	Slip Resistant Quadrato Locked S/S 304*	Structured	A15	1000	123	20	3.20
105844		Structured	A15	500	123	20	1.60



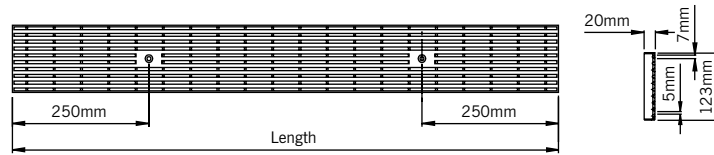
Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
105538	Intercept S/S 304	Linished	A15	1000	123	20	3.60
105539		Linished	A15	500	123	20	1.80
105536	Intercept Locked S/S 304*	Linished	A15	1000	123	20	3.60
105537		Linished	A15	500	123	20	1.80
105845	Slip Resistant Intercept S/S 304	Structured	A15	1000	123	20	3.60
105846		Structured	A15	500	123	20	1.80
105847	Slip Resistant Quadrato Locked S/S 304*	Structured	A15	1000	123	20	3.60
105848		Structured	A15	500	123	20	1.80



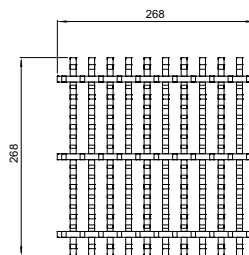
Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
445792	Modular 125 Slot Cover Slip Resistant S/S 304	Sandblast	B125	500	123	20	2.4
445794		Sandblast	C250	500	123	20	3.2
445796		Sandblast	B125	1000	123	20	4.9
445798		Sandblast	C250	1000	123	20	6.3

* Locking recess in grating provided as standard. Refer to page 20 for channel locking kits and appropriate wrench to complete locked grating system.

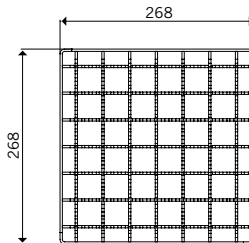
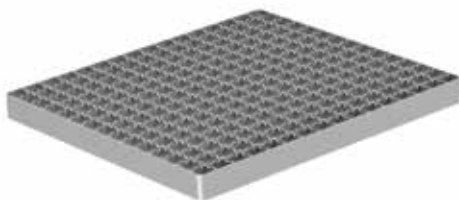
* All grates available in stainless steel material - please contact abdcommercial@aco.co.uk or call our customer service on 01462 810 431.

Channel Gratings for External Use Only

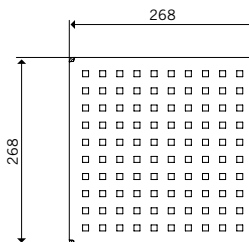
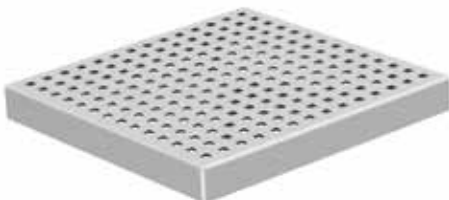
Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
445486	Heelsafe Locked S/S 304*	Linished	B125	1000	123	20	3.7
445487		Linished	B125	500	123	20	1.9

New frameless Gratings - One and two way gully tops

Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
446270	Frameless ladder grating slip	Electropolished	R50	268	268	33	3.42
446272	resistant s/s 304	Electropolished	M125	268	268	33	5.72



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408035	Plain Mesh S/S 304	Electropolished	L15	268	268	30	2.10
408034	Slip Resistant Mesh S/S 304	Electropolished	L15	268	268	30	2.10



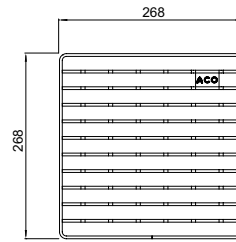
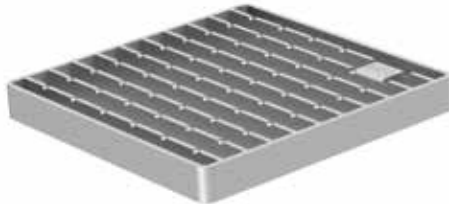
Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408036	Quadrato S/S 304	Linished	L15	268	268	30	1.76

* Locking recess in grating provided as standard. Refer to page 20 for channel locking kits and appropriate wrench to complete locked grating system.

* All grates available in stainless steel material - please contact abdcommercial@aco.co.uk or call our customer service on 01462 810 431.

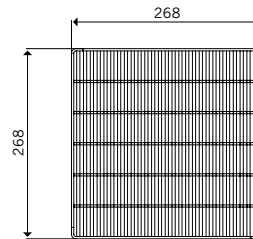
ACO Modular 125 +

New frameless Gratinas - One and two way gully tops

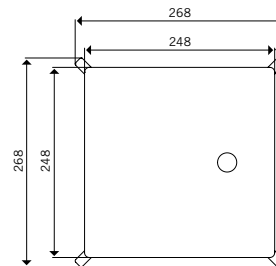
**FHD**

Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408045	Plain Ladder S/S 304	Pickled	N250	268	268	30	6.20
416916	Slip Resistant Ladder S/S 304	Pickled	R50	268	268	30	3.50

ACO Grating - for use with one and two way gully tops

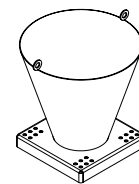
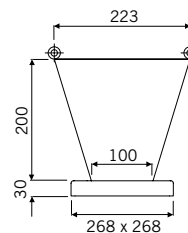


Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408040	Plain Mesh S/S 304	Linished	B125	1000	123	20	3.40



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
446270	Gully 157 Slot Cover Slip	Sandblast	R50	268	268	33	3.42
446272	Resistant S/S 304	Sandblast	M125	268	268	33	5.72

ACO Tundish - for use with one or two way gully tops



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
413547	Plain Mesh S/S 304	Linished	B125	1000	123	20	3.40

Note: Other tundish designs available please contact abdestimating@aco.co.uk

HygieneFirst

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 operations.

ACO Hygienic Tray Channel – Full Hygienic Design (FHD)

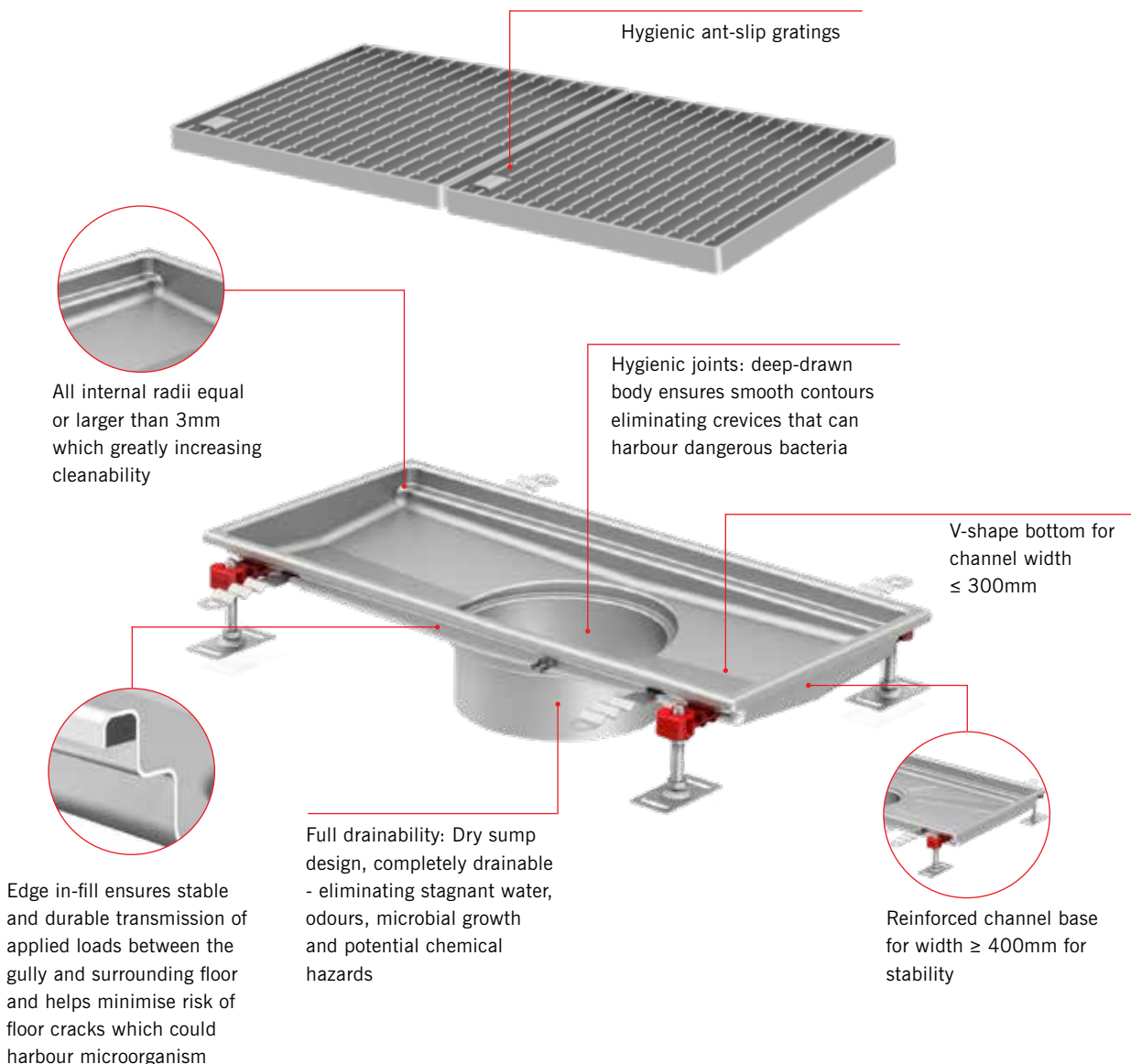
ACO hygienic drainage fulfills stringent hygienic requirements to prevent harmful bacterial contamination. We develop our channels according to the relevant design principles for food contact surfaces BS EN 1672, BS EN ISO 14159 and EHEDG.

ACO FHD channel hygienic features:

- Fully drainable
- Internal radii equal or larger than 3mm
- Hygienic joints
- Edge infill as standard
- Stainless steel grade minimum 304
- Fully pickle passivated

Stainless steel hygienic features:

- High corrosion resistant due to a self-healing, passive layer
- Inert to most acids/alkalis from food and detergents
- Smooth, easy to clean surface
- No pores and cracks to harbour dirt or bacteria



ACO Hygienic Tray Channel

ACO Tray Channel portfolio

The ACO Tray Channel portfolio consists of standard and customised products.

The ACO Tray Channel range includes channels for most applications and most floor types (concrete, tiles, resin or vinyl). The ACO Tray Channel programme is designed with the focus on hygienic 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.

ACO Tray Channel ordering

ACO have standard Tray Channels with fixed dimensions and are a selection of most frequently sold ACO Tray Channels.

The dimensions of the ACO customised Tray Channel can easily be specified in respect of project requirements. Please contact our enquiries team on 01462 810421.

ACO Tray Channel customisation

In addition all ACO Tray Channels can be designed with custom:

- Outlet positions
- Depths
- Built-in falls
- Channel widths
- L-shape and T-shape lay outs
- Side inlets

Please contact our enquiries team for further details on customised ACO Tray Channel, tel 01462 810421 or e-mail abdestimating@aco.co.uk

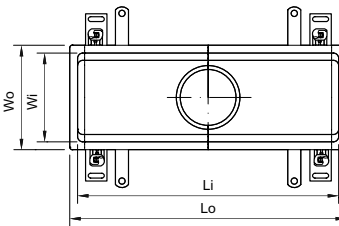
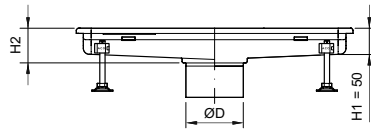
Please be aware ACO channel customisation can affect the hygienic design features.



- 1 Gratings
- 2 Silt basket
- 3 Friction ring
- 4 Foul Air Trap
- 5 Foul Air Trap support
- 6 ACO Gully

ACO Hygienic Tray Channel - Standard

- Hygienic design following BS EN 1672, Food processing machinery. Basic concepts. BS EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Tested and certified according to BS EN 1253-1
- Available in 304 or 316 grades of stainless steel
- Fully pickle passivated
- Material thickness 1.5mm
- Minimal longitudinal slope 1 %
- Minimal sectional slope 5°
- V-shape base for width < 300mm
- Reinforced base for width > 400mm
- Rubber edge infill
- Deep drawn outlet
- Rounded corners equal or larger than 3mm
- Easy and secure telescopic connection with gully
- Hygienic gratings with slip resistance
- Adjustable levelling feet 60-110mm
- Concrete fixing anchors



FHD

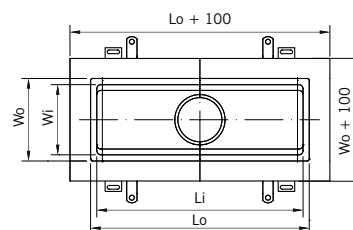
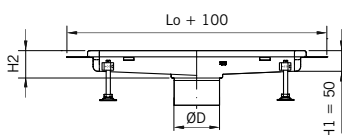
Part No	Description	W0 (mm)	W1 (mm)	Lo (mm)	Li (mm)	HT (mm)	OD (mm)	Weight (kg)
416590	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	200	170	530	500	60	142	3.00
416591		200	170	830	800	60	142	4.02
416592		200	170	1030	1000	60	142	4.79
416593		200	170	1230	1200	60	142	5.42
416594		200	170	1530	1500	60	142	6.48
416595		200	170	2030	2000	60	142	8.16
416614	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	300	270	330	300	55	142	2.73
416615		300	270	630	600	60	142	3.86
416616		300	270	1030	1000	60	142	5.90
416617		300	270	1530	1500	60	142	8.20
416618		300	270	2030	2000	60	142	10.50
416619		300	270	3030	3000	70	142	15.70
416620	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	300	270	4030	4000	80	142	21.20
416621		300	270	330	300	55	200	2.70
416622		300	270	630	600	60	200	4.02
416623		300	270	1030	1000	60	200	5.88
416624		300	270	1530	1500	60	200	8.16
416625		300	270	2030	2000	60	200	10.48
416626	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	300	270	3030	3000	70	200	15.34
416627		300	270	4030	4000	80	200	20.26
416642	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	400	370	430	400	60	142	3.96
416643		400	370	630	600	60	142	5.14
416644		400	370	830	800	60	142	6.34
416645	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	400	370	430	400	60	200	3.88
416646		400	370	630	600	60	200	5.04
416647		400	370	830	800	60	200	6.24
416654	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	500	470	530	500	65	142	5.98
416655		500	470	830	800	65	142	8.37
416656		500	470	1030	1000	65	142	10.01
416657	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	500	470	530	500	65	200	5.92
416658		500	470	830	800	65	200	8.26
416659		500	470	1030	1000	65	200	10.05
416666	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	600	570	630	600	70	200	7.04
416667		600	570	930	900	70	200	9.26
416668		600	570	1230	1200	70	200	11.84
416672	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	800	770	830	800	80	200	10.92

For applications requiring 316 stainless steel (see page 5) please contact the ACO Building Drainage Team on 01462 810421 or email abdestimating@aco.co.uk

ACO Hygienic Tray Channel

ACO Hygienic Tray Channel - Extended

- Hygienic design following BS EN 1672, Food processing machinery. Basic concepts. BS EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Tested and certified according to BS EN 1253-1
- Available in 304 or 316 grades of stainless steel
- Fully pickle passivated
- Material thickness 1.5mm
- Minimal longitudinal slope 1 %
- Minimal sectional slope 5°
- V-shape base for width < 300mm
- Reinforced base for width > 400mm
- Rubber edge infill
- Deep drawn outlet
- Rounded corners equal or larger than 3mm
- Easy and secure telescopic connection with gully
- Hygienic gratings with slip resistance
- Adjustable levelling feet 60-110mm
- Concrete fixing anchors

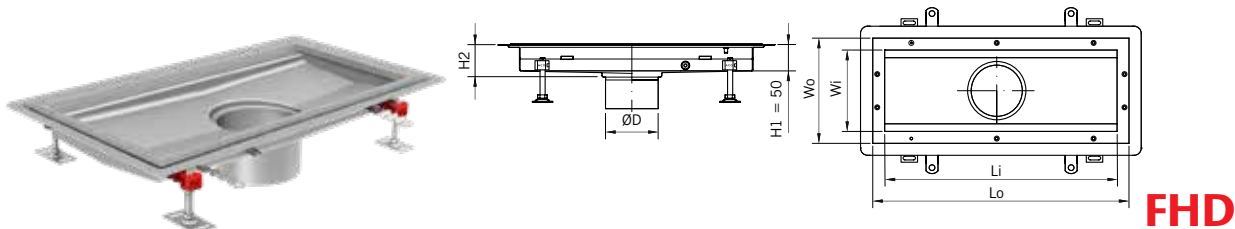
**FHD**

Part No	Description	WO (mm)	Wi (mm)	Lo (mm)	Li (mm)	HT (mm)	OD (mm)	Weight (kg)
416686	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	200	170	530	500	60	142	3.99
416687		200	170	830	800	60	142	5.37
416688		200	170	1030	1000	60	142	6.72
416689		200	170	1230	1200	60	142	7.26
416690		200	170	1530	1500	60	142	8.84
416691		200	170	2030	2000	60	142	10.96
416710	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	300	270	330	300	55	142	3.74
416711		300	270	630	600	60	142	5.46
416712		300	270	1030	1000	60	142	7.82
416713		300	270	1530	1500	60	142	10.76
416714		300	270	2030	2000	60	142	13.74
416715		300	270	3030	3000	70	142	20.26
416716	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	300	270	4030	4000	80	142	27.06
416717		300	270	330	300	55	200	3.66
416718		300	270	630	600	60	200	5.38
416719		300	270	1030	1000	60	200	7.76
416720		300	270	1530	1500	60	200	10.68
416721		300	270	2030	2000	60	200	13.66
416722	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	300	270	3030	3000	70	200	19.84
416723		300	270	4030	4000	80	200	26.04
416738	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	400	370	430	400	60	142	5.45
416739		400	370	630	600	60	142	6.58
416740		400	370	830	800	60	142	7.74
416741	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	400	370	430	400	60	200	5.66
416742		400	370	630	600	60	200	7.15
416743		400	370	830	800	60	200	7.94
416750	ACO Hygienic Tray Channel required @142 or ACO Hygienic Gully 157	500	470	530	500	65	142	7.31
416751		500	470	830	800	65	142	10.09
416752		500	470	1030	1000	65	142	11.97
416753	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	500	470	530	500	65	200	7.28
416754		500	470	830	800	65	200	9.98
416755		500	470	1030	1000	65	200	10.86
416762	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	600	570	630	600	70	200	8.64
416763		600	570	930	900	70	200	11.22
416764		600	570	1230	1200	70	200	14.38
416768	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	800	770	830	800	80	200	13.00

For applications requiring 316 stainless steel (see page 5) please contact the ACO Building Drainage Team on 01462 810421 or email abdestimating@aco.co.uk

ACO Hygienic Tray Channel - Vinyl

- Fully compliant to BS EN 1253-1
- Available in 304 or 316 grades of stainless steel
- Fully pickle passivated
- Material thickness 1.5mm
- Minimal longitudinal slope 1 %
- Minimal sectional slope 5°
- V-shape base for width < 300mm
- Reinforced base for width > 400mm
- Deep drawn outlet
- Rounded corners equal or larger than 3mm
- Easy and secure telescopic connection with gully
- Hygienic gratings with slip resistance
- Adjustable levelling feet 60-110mm
- Concrete fixing anchors



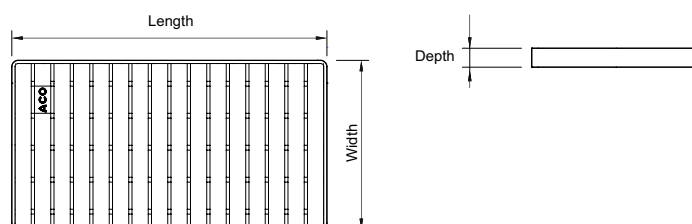
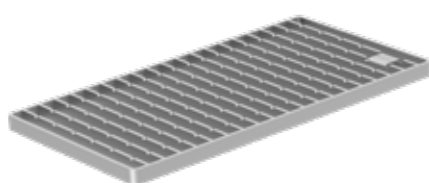
Part No	Description	W0 (mm)	Wi (mm)	Lo (mm)	Li (mm)	HT (mm)	OD (mm)	Weight (kg)
416590	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	200	170	530	500	60	142	3.00
416591		200	170	830	800	60	142	4.02
416592		200	170	1030	1000	60	142	4.79
416593		200	170	1230	1200	60	142	5.42
416594		200	170	1530	1500	60	142	6.48
416595		200	170	2030	2000	60	142	8.16
416614	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	300	270	330	300	55	142	2.73
416615		300	270	630	600	60	142	3.86
416616		300	270	1030	1000	60	142	5.90
416617		300	270	1530	1500	60	142	8.20
416618		300	270	2030	2000	60	142	10.50
416619		300	270	3030	3000	70	142	15.70
416620	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	300	270	4030	4000	80	142	21.20
416621		300	270	330	300	55	200	2.70
416622		300	270	630	600	60	200	4.02
416623		300	270	1030	1000	60	200	5.88
416624		300	270	1530	1500	60	200	8.16
416625		300	270	2030	2000	60	200	10.48
416626	ACO Hygienic Tray Channel required Ø142 or ACO Hygienic Gully 157	300	270	3030	3000	70	200	15.34
416627		300	270	4030	4000	80	200	20.26
416642		400	370	430	400	60	142	3.96
416643		400	370	630	600	60	142	5.14
416644		400	370	830	800	60	142	6.34
416645		400	370	430	400	60	200	3.88
416646	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	400	370	630	600	60	200	5.04
416647		400	370	830	800	60	200	6.24
416654		500	470	530	500	65	142	5.98
416655		500	470	830	800	65	142	8.37
416656		500	470	1030	1000	65	142	10.01
416657		500	470	530	500	65	200	5.92
416658	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	500	470	830	800	65	200	8.26
416659		500	470	1030	1000	65	200	10.05
416666		600	570	630	600	70	200	7.04
416667		600	570	930	900	70	200	9.26
416668		600	570	1230	1200	70	200	11.84
416672	ACO Hygienic Tray Channel required Ø200 or ACO Hygienic Gully 218	800	770	830	800	80	200	10.92

For applications requiring 316 stainless steel (see page 5) please contact the ACO Building Drainage Team on 01462 810421 or email abdestimating@aco.co.uk

ACO Hygienic Tray Channel

ACO Hygienic Slip Resistant Ladder Grating FHD - Load Class R50

- Hygienic design following BS EN 1672, Food processing machinery. Basic concepts. BS EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Available in 304 or 316 grades of stainless steel
- Suitable to load class R50 (BS EN 1253-1)
- Surface - electropolished
- High flow capacity of grates
- Rounded corners
- Easy to clean grates = fully welded
- Slip resistant
 - Low potential for slip according to BS 7976-2,
 - R11 according to DIN 51130

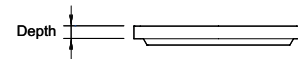
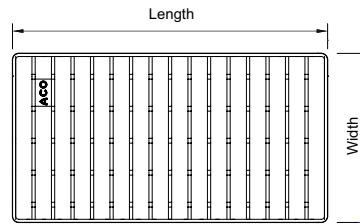
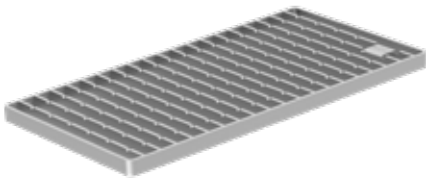


FHD

Tray Channel Dimensions		Load Class	Grating Details			Weight (kg)	Part No S/S 304	Quantity to fill channel
Wo (mm)	Lo (mm)		Width overall (mm)	Length overall (mm)	Depth overall (mm)			
200	530	R50	168	499	20	3.08	416802	1
	830	R50	168	398	20	2.31	416808	2
	1030	R50	168	499	20	3.08	416802	2
	1230	R50	168	398	20	2.31	416808	3
	1530	R50	168	499	20	3.08	416802	3
	2030	R50	168	499	20	3.08	416802	4
300	330	R50	268	298	20	2.50	416812	1
	630	R50	268	298	20	2.50	416812	2
	1030	R50	268	499	20	4.23	416814	2
	1530	R50	268	499	20	4.23	416814	3
	2030	R50	268	499	20	4.23	416814	4
	3030	R50	268	499	20	4.23	416814	6
400	4030	R50	268	499	20	4.23	416814	8
	430	R50	368	398	30	6.89	416820	1
	630	R50	368	598	30	10.00	416822	1
	830	R50	368	398	30	6.89	416820	2
500	530	R50	468	499	30	12.58	416828	1
	830	R50	468	398	30	10.16	416830	2
	1030	R50	468	499	30	12.58	416828	2
600	630	R50	568	298	30	10.75	416838	2
	930	R50	568	298	30	10.75	416838	3
	1230	R50	568	298	30	10.75	416838	4
800	830	R50	768	398	30	21.40	416842	2

ACO Hygienic Slip Resistant Ladder Grating FHD - Load Class M125

- Hygienic design following BS EN 1672, Food processing machinery. Basic concepts. BS EN ISO 14159 and EHEDG document No. 8, 13 and 44
- Available in 304 or 316 grades of stainless steel
- Suitable to load class M125 (BS EN 1253-1)
- Surface - electropolished
- High flow capacity of grates
- Rounded corners
- Easy to clean grates = fully welded
- Slip resistant
 - Low potential for slip according to BS 7976-2,
 - R11 according to DIN 51130



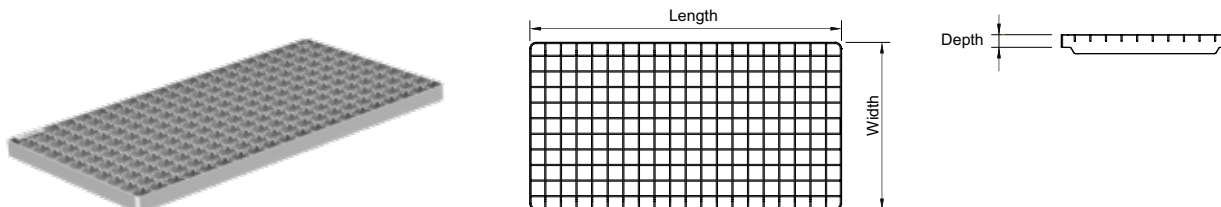
FHD

Tray Channel Dimensions		Grating Details						
Wo (mm)	Lo (mm)	Load Class	Width overall (mm)	Length overall (mm)	Depth overall (mm)	Weight (kg)	Part No S/S 304	Quantity to fill channel
200	530	M125	168	499	20	4.40	416804	1
	830	M125	168	398	20	3.53	416810	2
	1030	M125	168	499	20	4.40	416804	2
	1230	M125	168	398	20	3.53	416810	3
	1530	M125	168	499	20	4.40	416804	3
	2030	M125	168	499	20	4.40	416804	4
300	330	M125	268	298	20	4.12	416816	1
	630	M125	268	298	20	4.12	416816	2
	1030	M125	268	499	20	6.80	416818	2
	1530	M125	268	499	20	6.80	416818	3
	2030	M125	268	499	20	6.80	416818	4
	3030	M125	268	499	20	6.80	416818	6
400	4030	M125	268	499	20	6.80	416818	8
	430	M125	368	398	30	9.42	416824	1
	630	M125	368	598	30	13.96	416826	1
	830	M125	368	398	30	9.42	416824	2
500	530	M125	468	499	30	17.02	416832	1
	830	M125	468	398	30	13.31	416834	2
	1030	M125	468	499	30	17.02	416832	2

ACO Hygienic Tray Channel

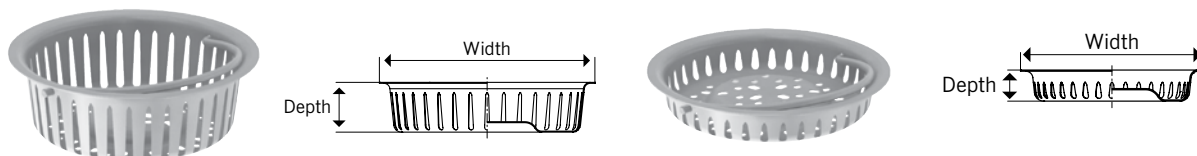
ACO Slip Resistant Mesh Grating

- Tested and certified according to BS EN 1253-1
- Suitable to load class L15 (BS EN 1253-1)
- 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 511300



Tray Channel Dimensions			Grating Details					
Wo (mm)	Lo (mm)	Load Class	Width overall (mm)	Length overall (mm)	Depth overall (mm)	Weight (kg)	Part No S/S 304	Quantity to fill channel
200	530	L15	168	499	20	2.17	416860	1
	830	L15	168	398	20	1.74	416862	2
	1030	L15	168	499	20	2.17	416860	2
	1230	L15	168	398	20	1.74	416862	3
	1530	L15	168	499	20	2.17	416860	3
	2030	L15	168	499	20	2.17	416860	4
300	330	L15	268	298	20	2.04	416864	1
	630	L15	268	298	20	2.04	416864	2
	1030	L15	268	499	20	3.38	416866	2
	1530	L15	268	499	20	3.38	416866	3
	2030	L15	268	499	20	3.38	416866	4
	3030	L15	268	499	20	3.38	416866	6
400	4030	L15	268	499	20	3.38	416866	8
	430	L15	368	398	30	4.00	416868	1
	630	L15	368	598	30	5.90	416870	1
	830	L15	368	398	30	4.00	416868	2
500	530	L15	468	499	30	6.19	416872	1
	830	L15	468	398	30	5.00	416874	2
	1030	L15	468	499	30	6.19	416872	2
600	630	L15	568	298	30	4.56	416876	2
	930	L15	568	298	30	4.56	416876	3
	1230	L15	568	298	30	4.56	416876	4
800	830	L15	768	398	30	11.84	416878	2

ACO Hygienic Tray Channel filled basket accessories



Tray Channel Dimensions		Silt Basket Details				
Wo (mm)	Outlet / ØD (mm) Gully Required	Direction of gully outlet	Width overall (mm)	Depth overall (mm)	Weight (kg)	Part No S/S 304
200	142	Vertical	Ø142	45	0.26	416900
		Horizontal	Ø142	25	0.21	416902
300, 400, 500, 600, 800	Ø142 or ACO Hygienic Gully 157	Vertical	Ø142	50	0.40	416904
		Horizontal	Ø142	26	0.34	416906
300, 400, 500, 600, 800	Ø200 or ACO Hygienic Gully 218	Vertical	Ø142	50	0.70	416908
		Horizontal	Ø142	26	0.60	416910

For applications requiring 316 stainless steel (see page 5) please contact the ACO Building Drainage Team on 01462 810421 or email abdestimating@aco.co.uk

ACO Slip Resistant Slot Cover

- Tested and certified according to BS EN 1253-1
- Surface - electropolished
- Slip resistant
 - Slip resistant - low potential for slip according to BS 7976-2,
 - R11 according to DIN 511300
- Suitable to load class R50, M125, N250 (BS EN 1253-1)
- Rounded corners



Tray Channel Dimensions		Load Class	Grating Details				Part No S/S 304	Quantity to fill channel
Wo (mm)	Lo (mm)		Width overall (mm)	Length overall (mm)	Depth overall (mm)	Weight (kg)		
200	530	R50	168	499	30	3.31	445756	1
		M125			30	4.24	445758	
		N250			31	5.22	445760	
	830	R50	168	398	30	2.69	445762	2
		M125			30	3.48	445764	
		N250			31	4.40	445766	
	1030	R50	168	499	30	3.31	445756	2
		M125			30	4.24	445758	
		N250			31	5.22	445760	
	1230	R50	168	398	30	2.69	445762	3
		M125			30	3.48	445764	
		N250			31	4.40	445766	
300	1530	R50	168	499	30	3.31	445756	3
		M125			30	4.24	445758	
		N250			31	5.22	445760	
	2030	R50	168	499	30	3.31	445756	4
		M125			30	4.24	445758	
		N250			31	5.22	445760	
	330	R50	268	298	30	3.44	445774	1
		M125			30	4.50	445776	
		N250			31	5.27	445778	
	630	R50	268	298	30	3.44	445774	2
		M125			30	4.50	445776	
		N250			31	5.27	445778	
	1030	R50	268	499	30	5.68	445768	2
		M125			30	7.26	445770	
		N250			31	8.64	445772	
	1530	R50	268	499	30	5.68	445768	3
		M125			30	7.26	445770	
		N250			31	8.64	445772	
	2030	R50	268	499	30	5.68	445768	4
		M125			30	7.26	445770	
		N250			31	8.64	445772	
	3030	R50	268	499	30	5.68	445768	6
		M125			30	7.26	445770	
		N250			31	8.64	445772	
	4030	R50	268	499	30	5.68	445768	8
		M125			30	7.26	445770	
		N250			31	8.64	445772	

ACO Hygienic Gully - Full Hygienic Design (FHD)

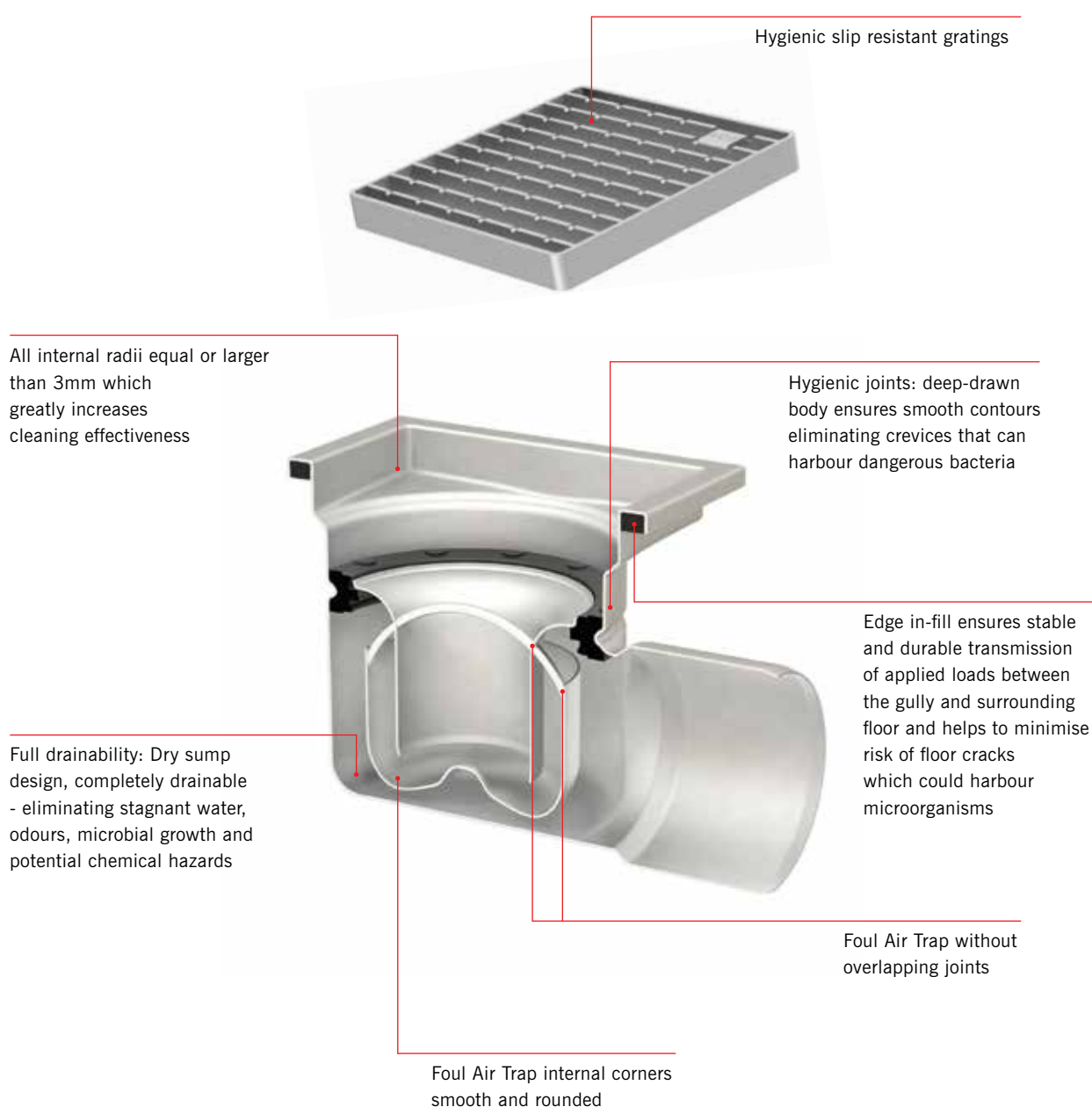
ACO hygienic drainage fulfils highest hygienic requirements to prevent harmful bacterial contamination. We apply the relevant hygienic design principles for food processing equipment BS EN 1672, Food processing machinery. Basic concepts. BS EN ISO 14159 and EHEDG document No. 8, 13 and 44 to the gully design.

ACO Hygienic Gully features:

- Full drainability
- Internal radii equal or larger than 3mm
- Hygienic joints
- Edge infill
- Stainless steel grade minimum 304
- Fully pickle passivated

Stainless steel hygienic features:

- High corrosion resistant due to a self-healing, passive layer
- Inert to most acids/alkalis from food and detergents
- Smooth, easy to clean alkalis surface
- No pores and cracks to harbour dirt or bacteria



For applications requiring 316 stainless steel (see page 5) please contact the ACO Building Drainage Team on 01462 810421 or email abdestimating@aco.co.uk

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

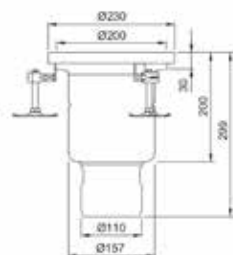


- 1** Gratings
- 2** Silt basket
- 3** Foul Air Trap
- 4** Foul Air Trap support
- 5** ACO Gully body
- 6** Gully top
- 7** Friction ring
- 8** Levelling feet

ACO Hygienic Gully

NEW!

ACO Hygienic Gully 157 - Round Top

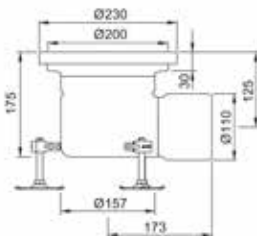


FHD



FAT included

Part No	Description	Spigot Dia (mm)	Outside Dia	Flow rate (l/s)	Weight (kg)
446737	Round Gully 157 Vertical Outlet S/S 304	110	Ø230	3.5	3.22



FHD

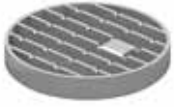


FAT included

Part No	Description	Spigot Dia (mm)	Outside Dia	Flow rate (l/s)	Weight (kg)
446741	Round Gully 157 Horizontal Outlet S/S 304	110	Ø230	2.8	3.18



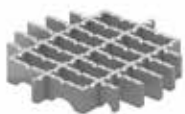
Part No	Description	Spigot Dia (mm)	Outside Dia	Flow rate (l/s)	Weight (kg)
446750	Round Gully 157 Top Tele Outlet S/S 304	142	Ø230	N/A	1.65

NEW!**ACO Hygienic Gully 157 - Round Top**

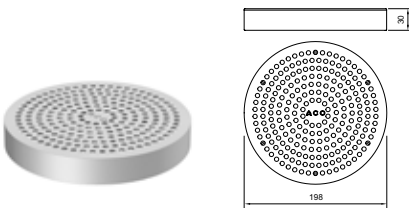
Part No	Description	Load Class	Outside Dia	Flow rate (l/s)	Weight (kg)
447761	Gully 157 Slip Resistant Ladder Grate for Round Top S/S 304	R50	Ø198	N/A	1.95
446776	Gully 157 Slip Resistant Ladder Grate for Round Top S/S 304	M125	Ø198	N/A	1.95
446974	Gully 157 Slip Resistant Ladder Grate for Round Top S/S 304	N250	Ø198	N/A	1.95



Part No	Description	Load Class	Outside Dia	Flow rate (l/s)	Weight (kg)
446788	Gully 157 Sandblast Slot Cover S/S 304	M125	Ø198	N/A	3.00



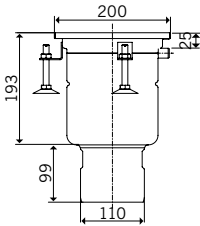
Part No	Description	Load Class	Outside Dia	Flow rate (l/s)	Weight (kg)
446780	Round Gully 157 Frameless Ladder Grating EN1253 S/S 304	R50	Ø198	N/A	2.10
446784	Round Gully 157 Frameless Ladder Grating EN1253 S/S 304	M125	Ø198	N/A	2.76



Part No	Description	Load Class	Outside Dia	Flow rate (l/s)	Weight (kg)
447728	Gully 157 Perforated Grate S/S 304	L15	Ø198	N/A	0.92

ACO Hygienic Gully 157

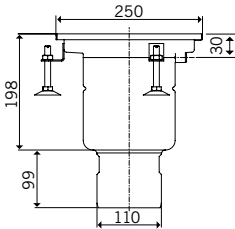
ACO Hygienic Gully 157 - Fixed Height



FHD FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
408003	Gully 157 FXD Vertical Outlet S/S 304	200 × 200	157	193 (+99)	110	3.5	3.00
408103	Gully 157 FXD Vertical Outlet S/S 316	200 × 200	157	193 (+99)	110	3.5	3.00

†Spigot depth in brackets.

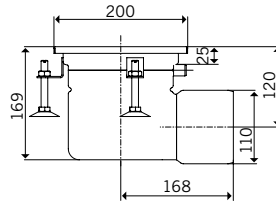


FHD FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
408019	Gully 157 FXD Vertical Outlet S/S 304	250 × 250	157	198 (+99)	110	3.5	3.50
408119	Gully 157 FXD Vertical Outlet S/S 316	250 × 250	157	198 (+99)	110	3.5	3.50

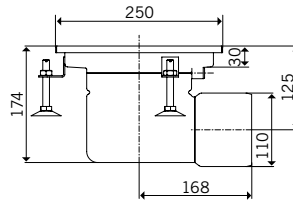
†Spigot depth in brackets.

ACO Hygienic Gully 157 - Fixed Height

**FHD**

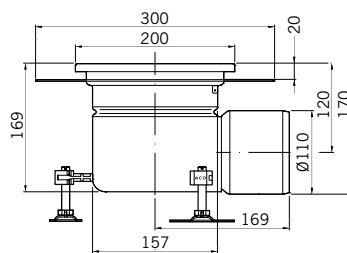
FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
408011	Gully 157 FXD Horizontal Outlet S/S 304	200 × 200	157	169	110	2.8	2.90
408111	Gully 157 FXD Horizontal Outlet S/S 316	200 × 200	157	169	110	2.8	2.90

**FHD**

FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
408027	Gully 157 FXD Horizontal Outlet S/S 304	250 × 250	157	174	110	2.8	3.40
408127	Gully 157 FXD Horizontal Outlet S/S 316	250 × 250	157	174	110	2.8	3.40

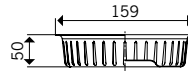
**FHD**

FAT included

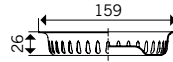
Part No	Description	Top size (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
408015	Gully 157 FXD Horizontal Outlet S/S 304 - Extended Edge	200 × 200	157	169	110	2.8	3.60
408115	Gully 157 FXD Horizontal Outlet S/S 316 - Extended Edge	200 × 200	157	169	110	2.8	3.60

ACO Hygienic Gully 157

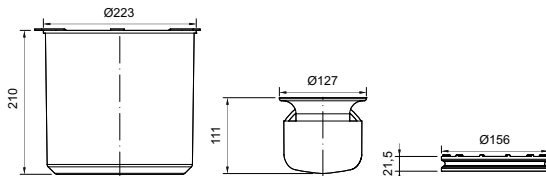
ACO Hygienic Gully 157 - Fixed Height Accessories



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416904	Vertical Outlet Gully Silt Basket 0.6 litre capacity S/S 304	-	Ø159	50	-	0.40
416905	Vertical Outlet Gully Silt Basket 0.6 litre capacity S/S 316	-	Ø159	50	-	0.40



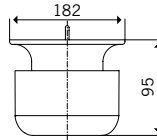
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416906	Horizontal Outlet Gully Silt Basket 0.3 litre capacity S/S 304	-	Ø159	26	-	0.34
416907	Horizontal Outlet Gully Silt Basket 0.3 litre capacity S/S 316	-	Ø159	26	-	0.34



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416933	ACO Gully 157 Fire Resistant Kit for use with Vertical Gullies Only	-	Ø223	210	-	3.50

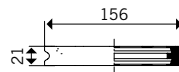
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ACO Hygienic Gully 157 – Fixed Height – Replacement Parts



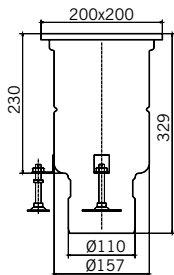
FHD

Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408200	Foul Air Trap (FAT) S/S 304	-	Ø127	105	-	0.80
408210	Foul Air Trap (FAT) S/S 316	-	Ø127	105	-	0.80



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408201	Foul Air Trap (FAT) Support Ring Nitrile	-	Ø156	21	-	0.10

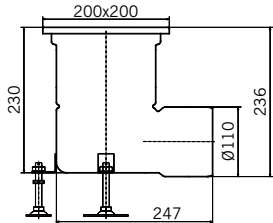
ACO Hygienic Gully 157 - Fixed Height Free-Standing for Increased Silt Basket Volume Applications



Part No	Description	Top size (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
416529	Gully 157 FXD Vertical Outlet S/S 304 for increased silt basket volume applications	200 × 200	157	230 (+99)	110	3.7	2.80

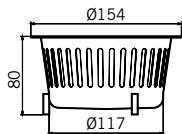
Available in S/S 316 to special order.

†Spigot depth in brackets.



Part No	Description	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
416061	Gully 157 FXD Horizontal Outlet S/S 304 for increased silt basket volume applications	200 × 200	157	236	110	3.0	3.10

Available in S/S 316 to special order.

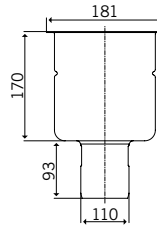


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416416	Optional Silt Basket 0.9 litre capacity S/S 304	-	Ø154	80	-	0.65

Available in S/S 316 to special order.

ACO Hygienic Gully 157

ACO Hygienic Gully 157 – Telescopic

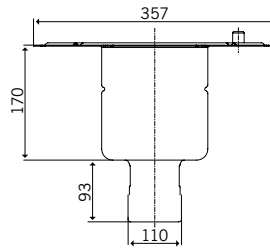


FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408055	Gully 157 TELE Vertical Outlet - Location Flange S/S 304	181	157	170 (+93)	110	3.9 - 4.2	2.30
408155	Gully 157 TELE Vertical Outlet - Location Flange S/S 316	181	157	170 (+93)	110	3.9 - 4.2	2.30

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets.

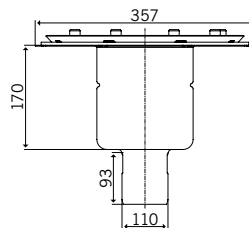


FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408057	Gully 157 TELE Vertical Outlet - Adhesive Bonding Flange S/S 304	357	157	170 (+93)	110	3.9 - 4.2	3.30
408157	Gully 157 TELE Vertical Outlet - Adhesive Bonding Flange S/S 316	357	157	170 (+93)	110	3.9 - 4.2	3.30

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets.



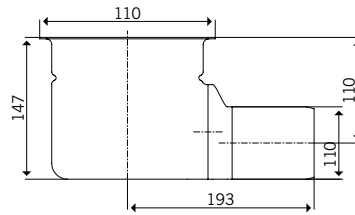
FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408059	Gully 157 TELE Vertical Outlet - Mechanical Clamping Flange S/S 304	357	157	170 (+93)	110	3.9 - 4.2	4.30
408159	Gully 157 TELE Vertical Outlet - Mechanical Clamping Flange S/S 316	357	157	170 (+93)	110	3.9 - 4.2	4.30

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets.

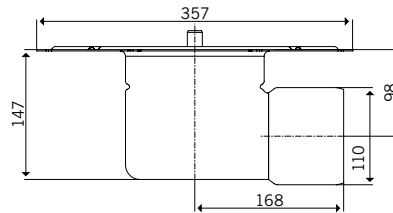
ACO Hygienic Gully 157 – Telescopic



FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408079	Gully 157 TELE Horizontal Outlet - Location Flange S/S 304	181	157	147	110	3.9 - 4.2	2.20
408179	Gully 157 TELE Horizontal Outlet - Location Flange S/S 316	181	157	147	110	3.9 - 4.2	2.20

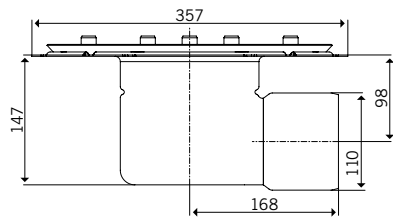
*Flow rate will depend on telescopic height configuration when installed.



FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408081	Gully 157 TELE Horizontal Outlet - Adhesive Bonding Flange S/S 304	357	157	147	110	3.9 - 4.2	3.20
408181	Gully 157 TELE Horizontal Outlet - Adhesive Bonding Flange S/S 304	357	157	147	110	3.9 - 4.2	3.20

*Flow rate will depend on telescopic height configuration when installed.



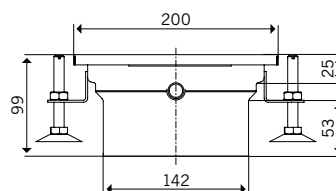
FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408083	Gully 157 TELE Horizontal Outlet - Mechanical Clamping Flange S/S 304	357	157	147	110	3.9 - 4.2	4.10
408183	Gully 157 TELE Horizontal Outlet - Mechanical Clamping Flange S/S 316	357	157	147	110	3.9 - 4.2	4.10

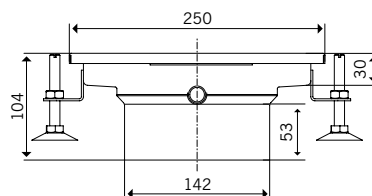
*Flow rate will depend on telescopic height configuration when installed.

ACO Hygienic Gully 157

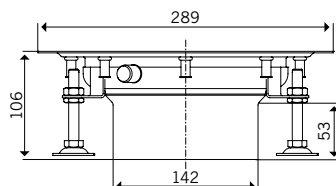
ACO Hygienic Gully 157 – Telescopic – Gully Tops



Part No	Description	Top size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408208	Gully 157 TELE Square Top S/S 304 (concrete, tiled and resin screed floors)	200 x 200	99	25	1.20
408218	Gully 157 TELE Square Top S/S 316 (concrete, tiled and resin screed floors)	200 x 200	99	25	1.20

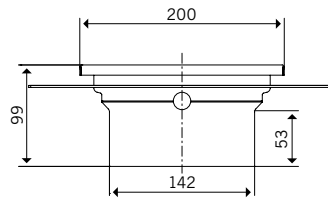


Part No	Description	Top size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408248	Gully 157 TELE Square Top S/S 304 (concrete, tiled and resin screed floors)	250 x 250	104	30	1.60
408258	Gully 157 TELE Square Top S/S 316 (concrete, tiled and resin screed floors)	250 x 250	104	30	1.60

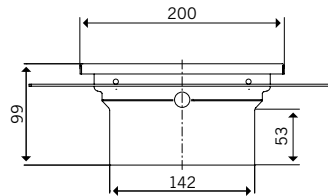


Part No	Description	Top size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408240	Gully 157 TELE Circular Top S/S 304 (vinyl floors)	Ø289	106	30	1.80
408250	Gully 157 TELE Circular Top S/S 316 (vinyl floors)	Ø289	106	30	1.80

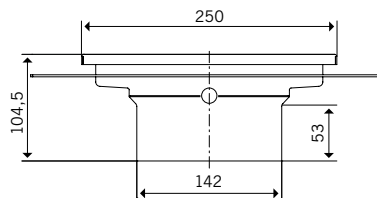
ACO Hygienic Gully 157 – Telescopic Gully Tops



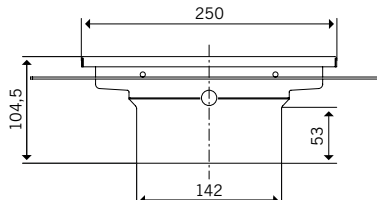
Part No	Description	Top size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408241	Gully 157 TELE Square Top S/S 304 (Thin-bed top or tanked flooring)	200 x 200	99	25	1.90
408251	Gully 157 TELE Square Top S/S 316 (Thin-bed top or tanked flooring)	200 x 200	99	25	1.90



Part No	Description	Top size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408244	Gully 157 TELE Square Top with Drainage Holes S/S 304 (Thin-bed top or tanked flooring)	200 x 200	99	25	1.90
408254	Gully 157 TELE Square Top with Drainage Holes S/S 316 (Thin-bed top or tanked flooring)	200 x 200	99	25	1.90



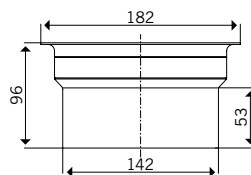
Part No	Description	Top size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408245	Gully 157 TELE Square Top S/S 304 (Thin-bed top or tanked flooring)	250 x 250	104.5	30	2.40
408255	Gully 157 TELE Square Top S/S 316 (Thin-bed top or tanked flooring)	250 x 250	104.5	30	2.40



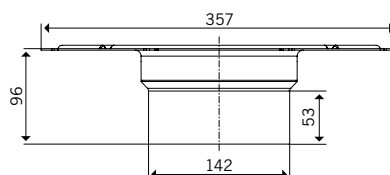
Part No	Description	Top size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408246	Gully 157 TELE Square Top with Drainage Holes S/S 304 (Thin-bed top or tanked flooring)	250 x 250	104.5	30	2.40
408256	Gully 157 TELE Square Top with Drainage Holes S/S 316 (Thin-bed top or tanked flooring)	250 x 250	104.5	30	2.40

ACO Hygienic Gully 157

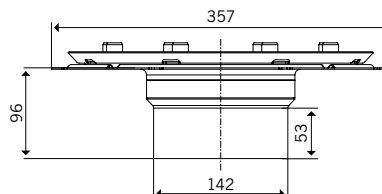
ACO Hygienic Gully 157 – Telescopic Raising Pieces



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408249	Gully 157 TELE Raising Piece - Location Flange S/S 304	-	Ø182	96	-	0.60
408259	Gully 157 TELE Raising Piece - Location Flange S/S 316	-	Ø182	96	-	0.60

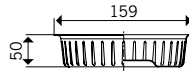


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408206	Gully 157 TELE Raising Piece - Adhesive Bonding Flange S/S 304	-	Ø357	96	-	1.90
408216	Gully 157 TELE Raising Piece - Adhesive Bonding Flange S/S 316	-	Ø357	96	-	1.90

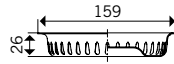


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408207	Gully 157 TELE Raising Piece - Mechanical Clamping Flange S/S 304	-	Ø357	96	-	1.90
408217	Gully 157 TELE Raising Piece - Mechanical Clamping Flange S/S 316	-	Ø357	96	-	1.90

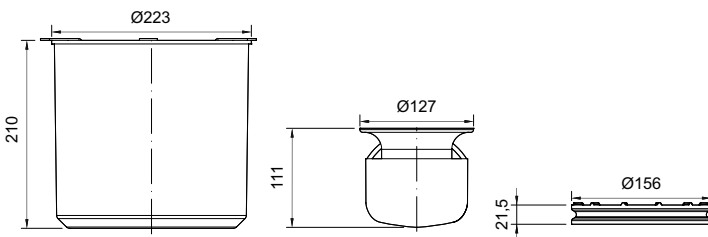
ACO Hygienic Gully 157 – Telescopic Accessories



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416904	Vertical Outlet Gully Silt Basket 0.6 litre capacity S/S 304	-	Ø159	50	-	0.40
416905	Vertical Outlet Gully Silt Basket 0.6 litre capacity S/S 316	-	Ø159	50	-	0.40

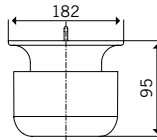


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416906	Horizontal Outlet Gully Silt Basket 0.3 litre capacity S/S 304	-	Ø159	26	-	0.34
416907	Horizontal Outlet Gully Silt Basket 0.3 litre capacity S/S 316	-	Ø159	26	-	0.34

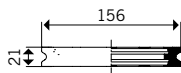


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416933	ACO Gully 157 Fire Resistant Kit for use with Vertical Gullies Only	-	Ø223	210	-	3.50

ACO Hygienic Gully 157 – Vertical Telescopic – Replacement Parts

**FHD**

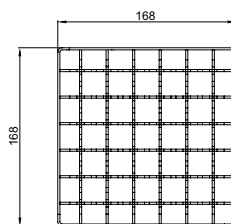
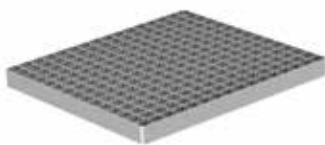
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408200	Foul Air Trap (FAT) S/S 304	-	Ø127	105	-	0.80
408210	Foul Air Trap (FAT) S/S 316	-	Ø127	105	-	0.80



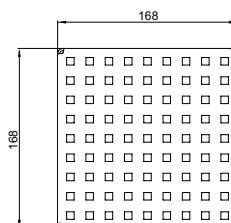
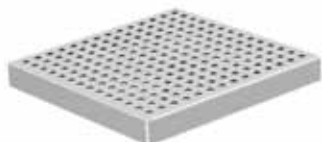
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408201	Foul Air Trap (FAT) Support Ring Nitrile	-	Ø156	21	-	0.10
408205	Friction Ring Installation Set Nitrile	-	Ø184	24	-	0.07

ACO Hygienic Gully 157

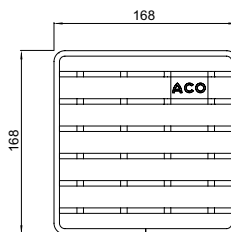
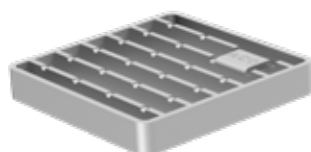
ACO Gratings for Top Size 200×200mm (25mm Deep)



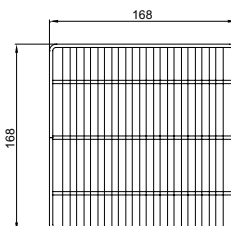
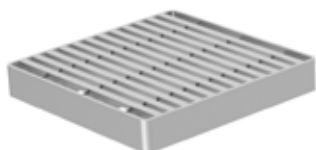
Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408091	Plain Mesh S/S 304	Electropolished	L15	168	168	25	0.80
408191	Plain Mesh S/S 316	Electropolished	L15	168	168	25	0.80
408090	Slip Resistant Mesh S/S 304	Electropolished	L15	168	168	25	0.80
408190	Slip Resistant Mesh S/S 316	Electropolished	L15	168	168	25	0.80



Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408092	Quadrato S/S 304	Linished	L15	168	168	25	0.78
408192	Quadrato S/S 316	Linished	L15	168	168	25	0.78

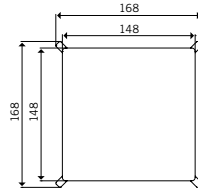


Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408043	Plain Ladder S/S 304	Pickled	N250	168	168	25	2.20
408143	Plain Ladder S/S 316	Pickled	N250	168	168	25	2.20
416912	Slip Resistant Ladder S/S 304	Pickled	R50	168	168	25	1.60
416913	Slip Resistant Ladder S/S 316	Pickled	R50	168	168	25	1.60

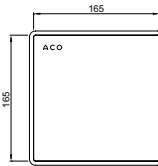
FHD

Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408022	Heelsafe S/S 304	Linished	L15	168	168	25	0.95
408122	Heelsafe S/S 316	Linished	L15	168	168	25	0.95

ACO Hygienic Gully 157 – Grating for Top Size 200×200mm (25mm Deep)

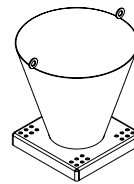
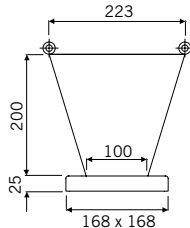


Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408021	Slot Cover S/S 304	Pickled	M125	168	168	25	2.30
408121	Slot Cover S/S 304	Pickled	M125	168	168	25	2.30



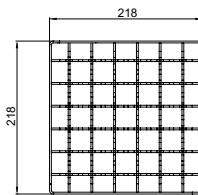
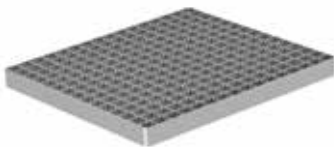
Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
445398	Gully 157 Odour Cover	Linished	R50	165	165	25	2.10
445605	S/S316	Linished	M125	165	165	25	3.43

ACO Hygienic Gully 157 – Gratings for Top Size 200x200mm and Mounted Tundish (25mm Deep)

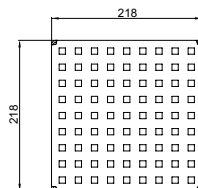
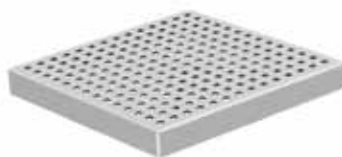


Part No	Description	Finish	Top size (mm)	Entry dia (mm)	Tundish height (mm)	Weight (kg)
415918	Grating and Mounted Tundish S/S 304	Pickled	168 x 168	223	200	1.59

ACO Gratings for Top Size 250×250mm (30mm Deep)



Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408096	Plain Mesh S/S 304	Electropolished	L15	218	218	30	1.50
408196	Plain Mesh S/S 316	Electropolished	L15	218	218	30	1.50
408095	Slip Resistant Mesh S/S 304	Electropolished	L15	218	218	30	1.50
408195	Slip Resistant Mesh S/S 316	Electropolished	L15	218	218	30	1.50

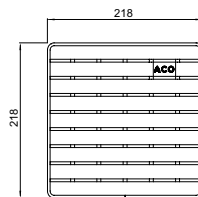
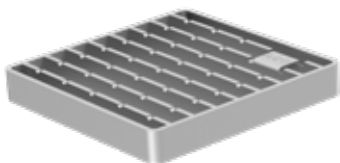


Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408097	Quadrato S/S 304	Linished	L15	218	218	30	1.29
408197	Quadrato S/S 316	Linished	L15	218	218	30	1.29

Please refer to page 20 for gully locking kits and appropriate wrench to complete locked grating system.

ACO Hygienic Gully 157

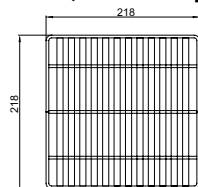
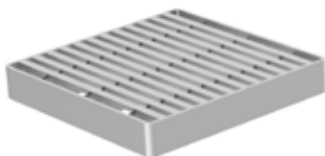
ACO Gratings for Top Size 250×250mm (30mm Deep)



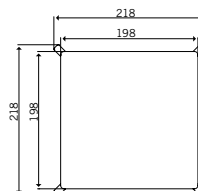
FHD

Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408044	Plain Ladder S/S 304	Pickled	N250	218	218	30	4.50
408144	Plain Ladder S/S 316	Pickled	N250	218	218	30	4.50
416914	Slip Resistant Ladder S/S 304	Pickled	R50	218	218	30	4.50
416915	Slip Resistant Ladder S/S 316	Pickled	R50	218	218	30	4.50

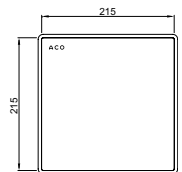
ACO Hygienic Gully 157 – Gratings for Top Size 250×250mm (30mm Deep)



Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408031	Heelsafe S/S 304	Linished	L15	218	218	30	1.70
408131	Heelsafe S/S 316	Linished	L15	218	218	30	1.70

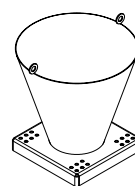
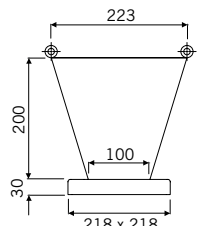


Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408030	Slot Cover S/S 304	Pickled	M125	218	218	30	4.00
408130	Slot Cover S/S 304	Pickled	M125	218	218	30	4.00



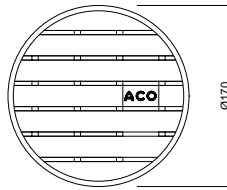
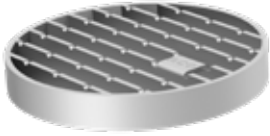
Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
445399	Gully 157 Odour Cover S/	Linished	R50	215	215	25	4.23
445607	S316	Linished	M125	215	215	25	6.94

ACO Hygienic Gully 157 – Gratings for Top Size 200x200mm and Mounted Tundish (25mm Deep)

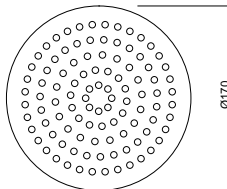
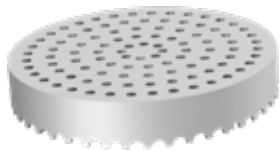


Part No	Description	Finish	Top size (mm)	Entry dia (mm)	Tundish height (mm)	Weight (kg)
413546	Grating and Mounted Tundish S/S 304	Pickled	218 x 218	223	200	2.20

ACO Hygienic Gully 157 – Gratings for Vinyl Top (30mm Deep)

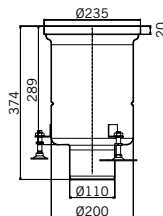
**FHD**

Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
97146	Ladder S/S 304 (Reversible Plain or Slip Resistant)	Electropolished	M125	-	Ø170	30	1.60
97367	Ladder S/S 316 (Reversible Plain or Slip Resistant)	Electropolished	M125	-	Ø170	30	1.60

**FHD**

Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
97152	Slip Resistant Cast S/S 304	Pickled	L15	-	Ø170	30	0.70
97369	Perforated Grating S/S 316	Pickled	L15	-	Ø170	30	0.70

ACO Hygienic Gully 200 – Fixed Height Free Standing for Increased Silt Basket Volume Applications

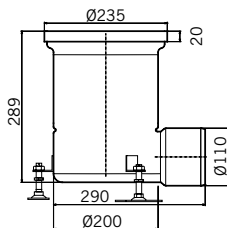


FAT included

Part No	Description	Top dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
416110	Gully 200 FXD Vertical Outlet S/S 304 for increased silt basket volume applications (Supplied complete with fully welded plain ladder grating load class L15)	235	200	289 (+85)	110	4.0	7.25

Available in S/S 316 (see page 5) to special order.

†Spigot depth in brackets.

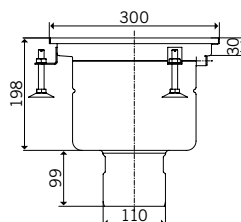


FAT included

Part No	Description	Top dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
416111	Gully 200 FXD Horizontal Outlet S/S 304 for increased silt basket volume applications (Supplied complete with fully welded plain ladder grating load class L15)	235	200	295	110	4.0	6.30

ACO Hygienic Gully 218

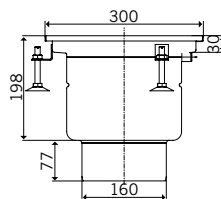
ACO Hygienic Gully 218 – Fixed Height

**FHD**

FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
408005	Gully 218 FXD Vertical Outlet S/S 304	300×300	218	198 (+99)	110	5.0	4.50
408105	Gully 218 FXD Vertical Outlet S/S 316	300×300	218	198 (+99)	110	5.0	4.50

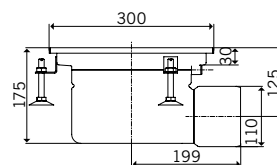
†Spigot depth in brackets.

**FHD**

FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
408007	Gully 218 FXD Vertical Outlet S/S 304	300×300	218	198 (+77)	160	5.0	4.40
408107	Gully 218 FXD Vertical Outlet S/S 316	300×300	218	198 (+77)	160	5.0	4.40

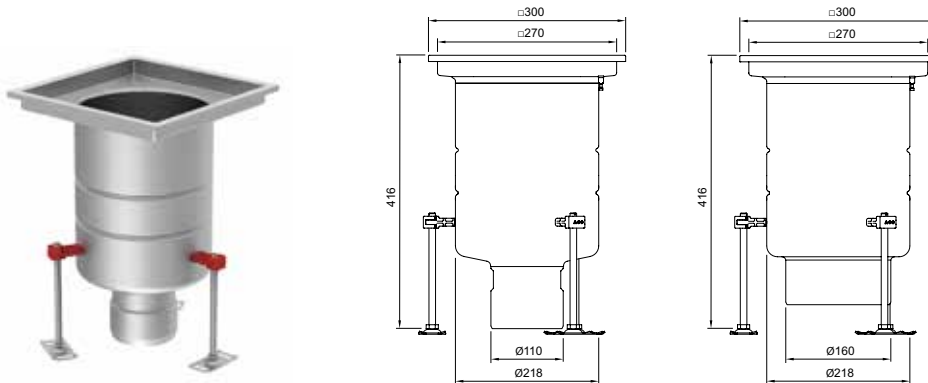
†Spigot depth in brackets.

**FHD**

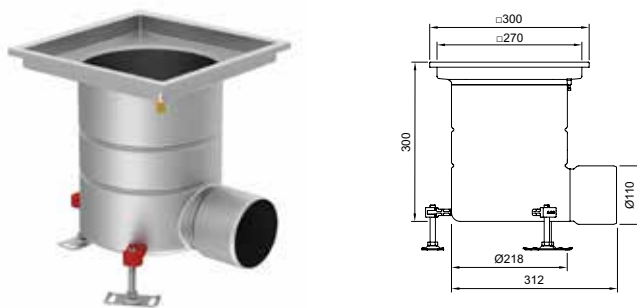
FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
408013	Gully 218 FXD Horizontal Outlet S/S 304	300×300	218	180	110	4.4	4.20
408113	Gully 218 FXD Horizontal Outlet S/S 316	300×300	218	180	110	4.4	4.20

ACO Hygienic Gully 218 – extended body vertical and horizontal



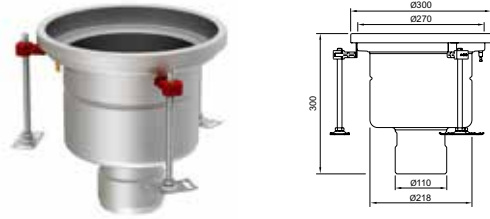
Part No	Description	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
446848	Gully 218 FXD Extended, vertical outlet 110 w large FAT S/S 304	300x300	218	416	110	6.5	5.82
446850	Gully 218 FXD Extended, vertical outlet 110 w large FAT S/S 316	300x300	218	416	110	6.5	5.82
446941	Gully 218 FXD Extended, vertical outlet 110 w waste filter basket and FAT S/S 304	300x300	218	416	110	6.5	7.13
446942	Gully 218 FXD Extended, vertical outlet 110 w waste filter basket and FAT S/S 304	300x300	218	416	110	6.5	7.13
446943	Gully 218 FXD Extended, vertical outlet 160 w waste filter basket and FAT S/S 304	300x300	218	416	160	6.5	7.12
446944	Gully 218 FXD Extended, vertical outlet 160 w waste filter basket and FAT S/S 304	300x300	218	416	160	6.5	7.12



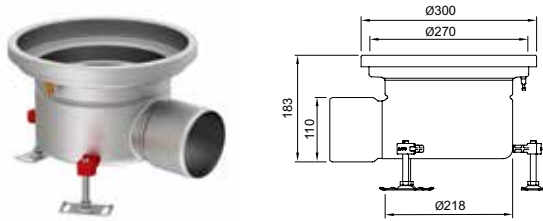
Part No	Description	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
447663	Gully 218 FXD Extended, horizontal outlet 110 w large FAT S/S 304	300x300	218	300	110	6.8	5.70
447665	Gully 218 FXD Extended, horizontal outlet 110 w large FAT S/S 316	300x300	218	300	110	6.8	5.70
446939	Gully 218 FXD Extended, horizontal outlet 110 w waste filter basket and FAT S/S 304	300x300	218	300	110	4.7	6.85
446940	Gully 218 FXD Extended, horizontal outlet 110 w waste filter basket and FAT S/S 304	300x300	218	300	110	4.7	6.85

ACO Hygienic Gully 218

ACO Hygienic Gully 218 – round gully vertical/horizontal

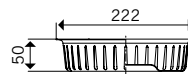


Part No	Description	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
446753	Gully 218 FXD , Round Top Vertical outlet 110 S/S 304	Ø300	218	300	110	4.80	5.10
446759	Gully 218 FXD , Round Top Vertical outlet 110 S/S 316	Ø300	218	300	110	4.80	5.10
446755	Gully 218 FXD , Round Top Vertical outlet 160 S/S 304	Ø300	218	275	160	5.00	5.10
446761	Gully 218 FXD , Round Top Vertical outlet 160 S/S 316	Ø300	218	275	160	5.00	5.10

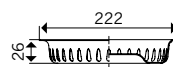


Part No	Description	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
446757	Gully 218 FXD , Round Top Horizontal outlet 110 S/S 304	Ø300	218	183	110	4.40	4.70
446763	Gully 218 FXD , Round Top Horizontal outlet 110 S/S 316	Ø300	218	183	110	4.40	4.70

ACO Hygienic Gully 218 – Fixed Height – Accessories

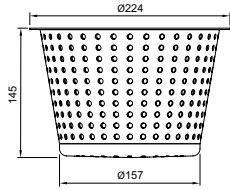


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416908	Vertical Outlet Gully Silt Basket 1.4 litre capacity S/S 304	-	Ø222	50	-	0.70
416909	Vertical Outlet Gully Silt Basket 1.4 litre capacity S/S 316	-	Ø222	50	-	0.70

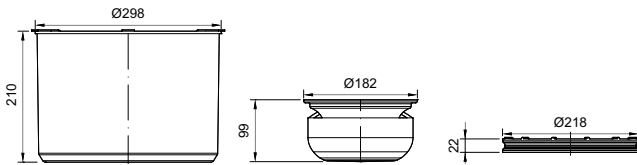


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416910	Horizontal Outlet Gully Silt Basket 0.7 litre capacity S/S 304	-	Ø222	26	-	0.60
416911	Horizontal Outlet Gully Silt Basket 0.7 litre capacity S/S 316	-	Ø222	26	-	0.60

ACO Hygienic Gully 218 – Fixed Height – Accessories

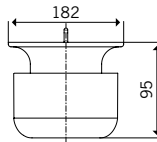


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
446945	Gully 218 FXD Extended Waste Filter Basket 4 litre S/S304	-	Ø224	145	-	1.24
445946	Gully 218 FXD Extended Waste Filter Basket 4 litre S/S316	-	Ø224	145	-	1.24



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416934	ACO Gully 218 / 110mm Outlet Fire Resistant Kit for use with Vertical Gullies Only	-	Ø298	210	-	6.00
416935	ACO Gully 218 / 160mm Outlet Fire Resistant Kit for use with Vertical Gullies Only	-	Ø298	210	-	5.70

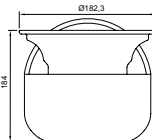
ACO Hygienic Gully 218 Vertical – Telescopic Replacement Parts



FHD

Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408220	Foul Air Trap (FAT) S/S 304	-	Ø182	96	-	1.20
408230	Foul Air Trap (FAT) S/S 316	-	Ø182	96	-	1.20

55



FHD

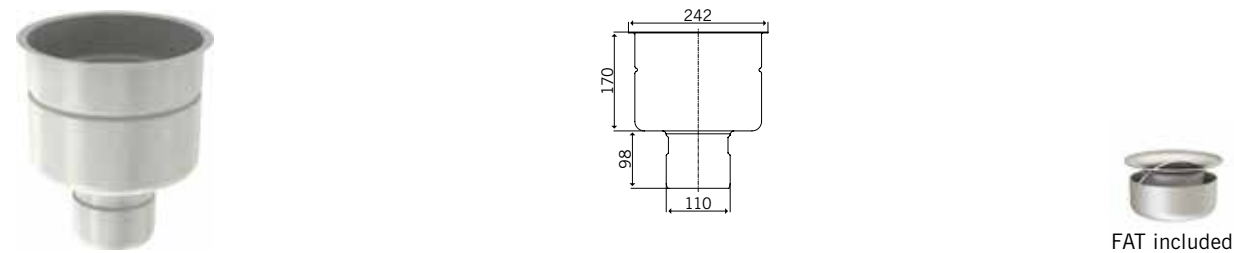
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
447807	Gully 218 FXD Extended FAT S/S304	-	Ø182.3	184	-	1.20
447808	Gully 218 FXD Extended FAT S/S316	-	Ø182.3	184	-	1.20



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408221	Foul Air Trap (FAT) Support Ring Nitrile	-	Ø217	21	-	0.10

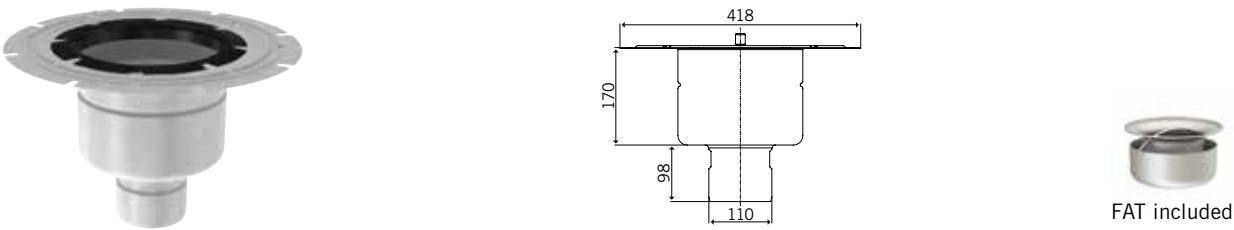
ACO Hygienic Gully 218

ACO Hygienic Gully 218 – Telescopic



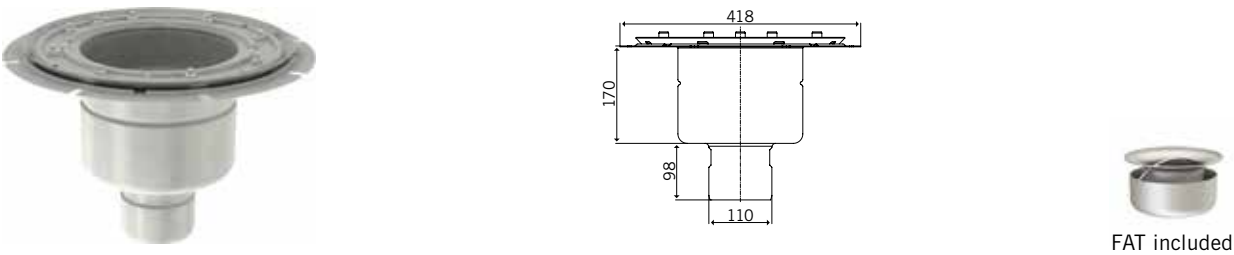
Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408061	Gully 218 TELE Vertical Outlet - Location Flange S/S 304	242	218	170 (+98)	110	5.0 - 6.3	3.30
408161	Gully 218 TELE Vertical Outlet - Location Flange S/S 316	242	218	170 (+98)	110	5.0 - 6.3	3.30

*Flow rate will depend on telescopic height configuration when installed.
 †Spigot depth in brackets.



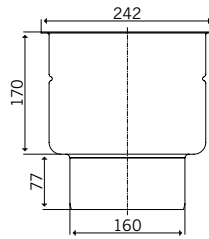
Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408063	Gully 218 TELE Vertical Outlet - Adhesive Bonding Flange S/S 304	418	218	170 (+98)	110	5.0 - 6.3	4.50
408163	Gully 218 TELE Vertical Outlet - Adhesive Bonding Flange S/S 316	418	218	170 (+98)	110	5.0 - 6.3	4.50

*Flow rate will depend on telescopic height configuration when installed.
 †Spigot depth in brackets.



Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408065	Gully 218 TELE Vertical Outlet - Mechanical Clamping Flange S/S 304	418	218	170 (+98)	110	5.0 - 6.3	5.60
408165	Gully 218 TELE Vertical Outlet - Mechanical Clamping Flange S/S 316	418	218	170 (+98)	110	5.0 - 6.3	5.60

*Flow rate will depend on telescopic height configuration when installed.
 †Spigot depth in brackets.

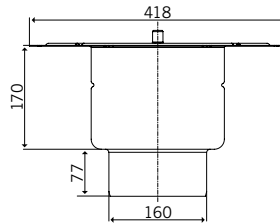
ACO Hygienic Gully 218 – Telescopic

FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408067	Gully 218 TELE Vertical Outlet - Location Flange S/S 304	242	218	170 (+77)	160	5.0 - 6.3	3.20
408167	Gully 218 TELE Vertical Outlet - Location Flange S/S 316	242	218	170 (+77)	160	5.0 - 6.3	3.20

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets.

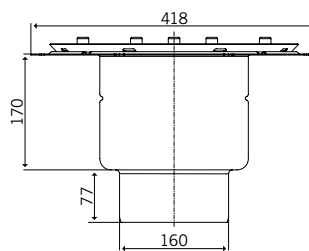


FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408069	Gully 218 TELE Vertical Outlet - Adhesive Bonding Flange S/S 304	418	218	170 (+77)	160	5.0 - 6.3	4.40
408169	Gully 218 TELE Vertical Outlet - Adhesive Bonding Flange S/S 316	418	218	170 (+77)	160	5.0 - 6.3	4.40

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets.



FAT included

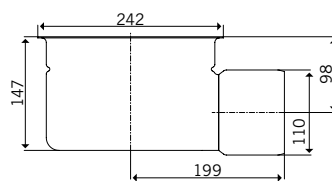
Part No	Description	Flange dia (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408071	Gully 218 TELE Vertical Outlet - Mechanical Clamping Flange S/S 304	418	218	170 (+77)	160	5.0 - 6.3	5.50
408171	Gully 218 TELE Vertical Outlet - Mechanical Clamping Flange S/S 316	418	218	170 (+77)	160	5.0 - 6.3	5.50

*Flow rate will depend on telescopic height configuration when installed.

†Spigot depth in brackets.

ACO Hygienic Gully 218

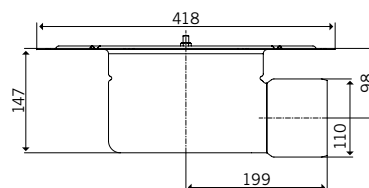
ACO Hygienic Gully 218 – Telescopic



FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408085	Gully 218 TELE Horizontal Outlet - Location Flange S/S 304	242	218	147	110	4.4 - 5.5	2.20
408185	Gully 218 TELE Horizontal Outlet - Location Flange S/S 316	242	218	147	110	4.4 - 5.5	2.20

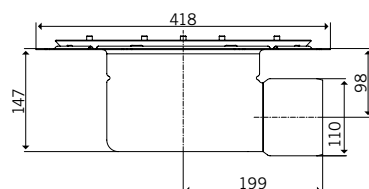
*Flow rate will depend on telescopic height configuration when installed.



FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408087	Gully 218 TELE Horizontal Outlet - Adhesive Bonding Flange S/S 304	418	218	147	110	4.4 - 5.5	4.20
408187	Gully 218 TELE Horizontal Outlet - Adhesive Bonding Flange S/S 316	418	218	147	110	4.4 - 5.5	4.20

*Flow rate will depend on telescopic height configuration when installed.

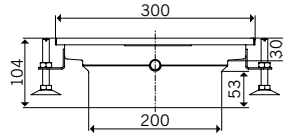


FAT included

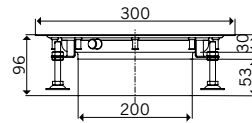
Part No	Description	Flange dia (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate* (l/s)	Weight (kg)
408089	Gully 218 TELE Horizontal Outlet - Mechanical Clamping Flange S/S 304	418	218	147	110	4.4 - 5.5	4.40
408189	Gully 218 TELE Horizontal Outlet - Mechanical Clamping Flange S/S 316	418	218	147	110	4.4 - 5.5	4.40

*Flow rate will depend on telescopic height configuration when installed.

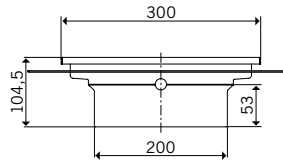
ACO Hygienic Gully 218 – Telescopic – Gully Tops



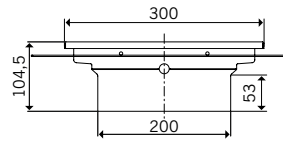
Part No	Description	Top Size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408228	Gully 218 TELE Square Top S/S 304 (Concrete, tiled and resin screed floors)	300 x 300	104	30	1.86
408238	Gully 218 TELE Square Top S/S 316 (Concrete, tiled and resin screed floors)	300 x 300	104	30	1.86



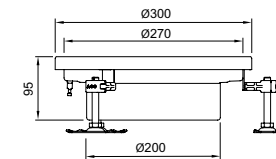
Part No	Description	Top Size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408242	Gully 218 TELE Circular Top S/S 304 (Vinyl floors)	Ø300	96	30	1.80
408252	Gully 218 TELE Circular Top S/S 316 (Vinyl floors)	Ø300	96	30	1.80



Part No	Description	Top Size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408243	Gully 218 TELE Square Top S/S 304 (Thin-bed top or tanked flooring)	300 x 300	104.5	30	2.80
408253	Gully 218 TELE Square Top S/S 316 (Thin-bed top or tanked flooring)	300 x 300	104.5	30	2.80



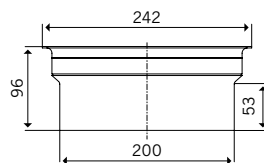
Part No	Description	Top Size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
408247	Gully 157 TELE Square Top with Drainage Holes S/S 304 (Thin-bed top or tanked flooring)	300 x 300	104.5	30	2.80
408257	Gully 157 TELE Square Top with Drainage Holes S/S 316 (Thin-bed top or tanked flooring)	300 x 300	104.5	30	2.80



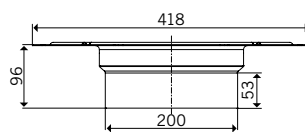
Part No	Description	Top Size (mm)	Depth overall (mm)	Grating Depth Required (mm)	Weight (kg)
446764	Gully 218 Top Round TELE S/S 304	Ø300	95	30	2.41
446765	Gully 218 Top Round TELE S/S 316	Ø300	95	30	2.41

ACO Hygienic Gully 218

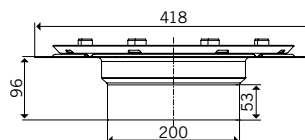
ACO Hygienic Gully 218 – Telescopic – Raising Pieces



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408209	Gully 218 TELE Raising Piece with Location Flange S/S 304	-	Ø242	96	-	1.50
408219	Gully 218 TELE Raising Piece with Location Flange S/S 316	-	Ø242	96	-	1.50

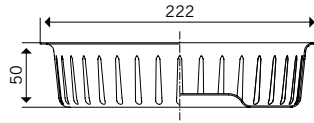


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408226	Gully 218 TELE Raising Piece with Adhesive Bonding Flange S/S 304	-	Ø418	96	-	2.45
408236	Gully 218 TELE Raising Piece with Adhesive Bonding Flange S/S 316	-	Ø418	96	-	2.45

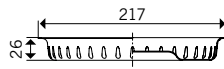


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408227	Gully 218 TELE Raising Piece with Mechanical Clamping Flange S/S 304	-	Ø418	96	-	2.50
408237	Gully 218 TELE Raising Piece with Mechanical Clamping Flange S/S 316	-	Ø418	96	-	2.50

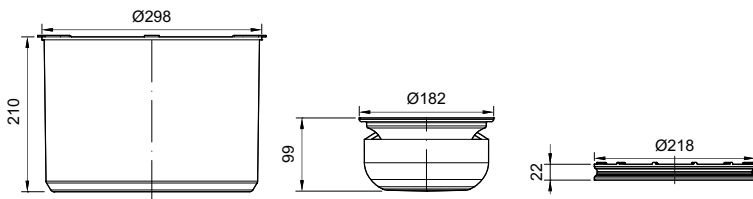
ACO Hygienic Gully 218 – Telescopic – Accessories



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416908	Vertical Outlet Gully Silt Basket 1.4 litre capacity S/S 304	-	Ø222	50	-	0.70
416909	Vertical Outlet Gully Silt Basket 1.4 litre capacity S/S 316	-	Ø222	50	-	0.70

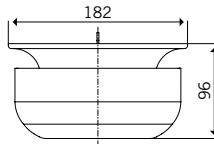


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416910	Horizontal Outlet Gully Silt Basket 0.7 litre capacity S/S 304	-	Ø222	26	-	0.60
416911	Horizontal Outlet Gully Silt Basket 0.7 litre capacity S/S 316	-	Ø222	26	-	0.60



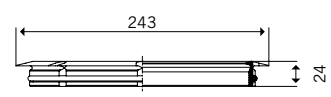
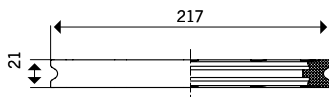
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
416934	ACO Gully 218 /110mm Outlet Fire Resistant Kit for use with Vertical Gullies Only	-	Ø298	210	-	6.00
416935	ACO Gully 218 /160mm Outlet Fire Resistant Kit for use with Vertical Gullies Only	-	Ø298	210	-	5.70

ACO Hygienic Gully 218 – Telescopic – Replacement Parts



FHD

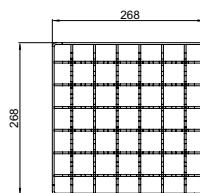
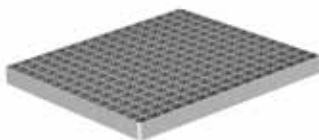
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408220	Foul Air Trap (FAT) s/s 304	-	Ø182	96	-	1.20
408230	Foul Air Trap (FAT) s/s 316	-	Ø182	96	-	1.20



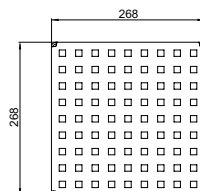
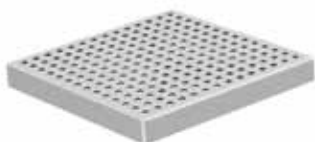
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
408221	Foul Air Trap (FAT) Support Ring Nitrile	-	Ø217	21	-	1.20
408225	Friction Ring Installation Set Nitrile	-	Ø243	24	-	0.09

ACO Hygienic Gully 218

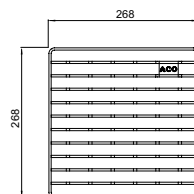
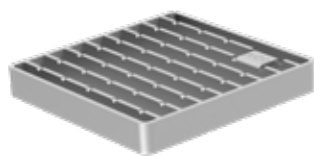
ACO Gratings for Top Size 300×300mm (30mm Deep)



Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408035	Plain Mesh S/S 304	Electropolished	L15	268	268	30	2.10
408135	Plain Mesh S/S 316	Electropolished	L15	268	268	30	2.10
408034	Slip Resistant Mesh S/S 304	Electropolished	L15	268	268	30	2.10
408134	Slip Resistant Mesh S/S 316	Electropolished	L15	268	268	30	2.10

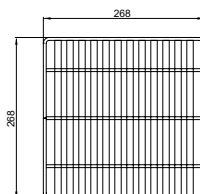
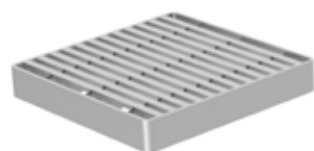


Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408036	Quadrato S/S 304	Linished	L15	268	268	30	1.76
408136	Quadrato S/S 316	Linished	L15	268	268	30	1.76

**FHD**

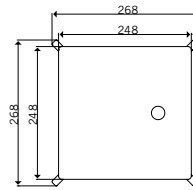
Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408045	Plain Ladder S/S 304	Pickled	N250	268	268	30	6.20
408145	Plain Ladder S/S 316	Pickled	N250	268	268	30	6.20
416916	Slip Resistant Ladder S/S 304	Pickled	R50	268	268	30	6.20
416917	Slip Resistant Ladder S/S 316	Pickled	R50	268	268	30	6.20

ACO Hygienic Gully 218 – Gratings for Top Size 300×300mm (30mm Deep)



Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408040	Heelsafe S/S 304	Linished	L15	268	268	30	2.40
408140	Heelsafe S/S 316	Linished	L15	268	268	30	2.40

ACO Hygienic Gully 218 – Gratings for Top Size 300×300mm (30mm Deep)

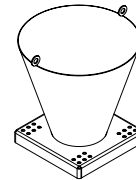
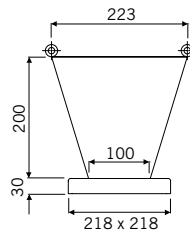


Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
408039	Slot Cover S/S 304	Sandblast	M125	268	268	30	6.00
408139	Slot Cover S/S 316	Sandblast	M125	268	268	30	6.00



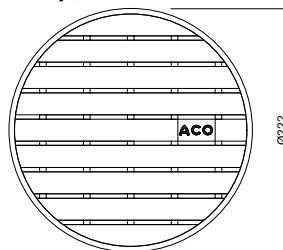
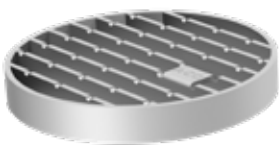
Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
445400	Gully 218 Odour proof cover S/S 316	Linished	R50	265	265	30	5.02
445609	Gully 218 Odour proof cover S/S 316	Linished	M125	265	265	20	10.31

ACO Hygienic Gully 218 – Gratings for Top Size 200x200mm and Mounted Tundish (25mm Deep)



Part No	Description	Finish	Top size (mm)	Entry dia (mm)	Tundish height (mm)	Weight (kg)
413547	Grating and Mounted Tundish S/S 304	Pickled	268 x 268	223	200	2.60

ACO Hygienic Gully 218 – Gratings for Vinyl Top (30mm Deep)

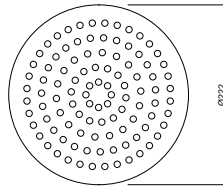
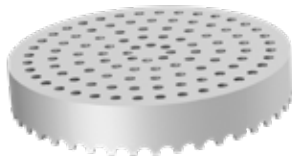


FHD

Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
97148	Plain Ladder S/S 304 (Reversible Plain or Slip Resistant)	Electropolished	M125	-	Ø222	30	2.40
97388	Plain Ladder S/S 316 (Reversible Plain or Slip Resistant)	Electropolished	M125	-	Ø222	30	2.40

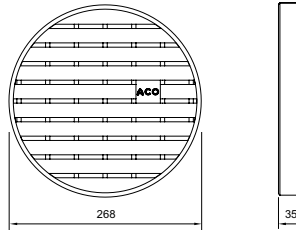
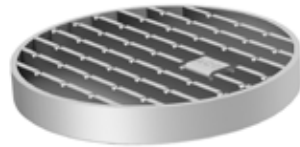
ACO Hygienic Gully 218

ACO Hygienic Gully 218 – Gratings for Vinyl Top (30mm Deep)

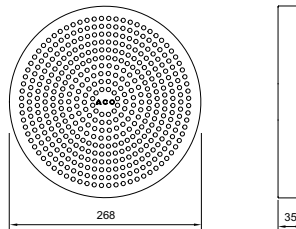
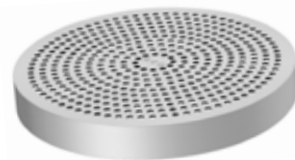
**FHD**

Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
97153	Perforated S/S 304	Pickled	L15	-	Ø222	30	1.20
97390	Perforated S/S 316	Pickled	L15	-	Ø222	30	1.20

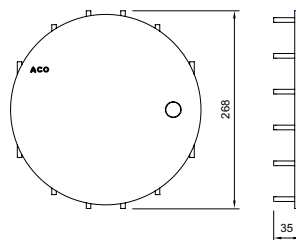
Please refer to page 20 for gully locking kits and appropriate wrench to complete locked grating system.

**FHD**

Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
447763	Gully 218 FXD Round Ladder Grate Slip Resistant S/S 304	Electropolished	R50	-	Ø268	35	3.4
447764	Gully 218 FXD Round Ladder Grate Slip Resistant S/S 316	Electropolished	R50	-	Ø268	35	3.4
446778	Gully 218 FXD Round Ladder Grate Slip Resistant S/S 304	Electropolished	M125	-	Ø268	35	4.4
446779	Gully 218 FXD Round Ladder Grate Slip Resistant S/S 316	Electropolished	M125	-	Ø268	35	4.4
447644	Gully 218 FXD Round Ladder Grate Slip Resistant S/S 304	Electropolished	N250	-	Ø268	35	7.6
447645	Gully 218 FXD Round Ladder Grate Slip Resistant S/S 316	Electropolished	N250	-	Ø268	35	7.6

**FHD**

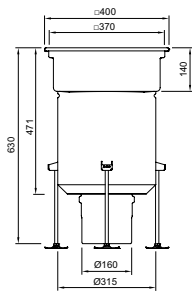
Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
447732	Gully 218 FXD Round Perforated Grate S/S 304	Electropolished	L15	-	Ø268	35	1.6
447740	Gully 218 FXD Round Perforated Grate S/S 316	Electropolished	L15	-	Ø268	35	1.6



Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
446790	Gully 218 FXD Round Slot Cover Slip Resistant S/S 304	Sandblast	L15	-	Ø268	35	4.5
446791	Gully 218 FXD Round Slot Cover Slip Resistant S/S 316	Sandblast	L15	-	Ø268	35	4.5

NEW!

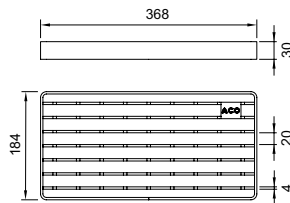
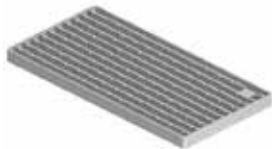
ACO High Capacity gully 315



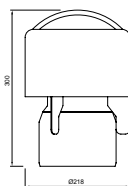
FAT included

Part No	Description	Top Size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
446848	Gully 315 FXD, vertical outlet 160 c w FAT S/S 304	400x400	315	630	160	9.5	15.2
446850	Gully 315 FXD, vertical outlet 160 c w FAT S/S 316	400x400	315	630	160	9.5	15.2

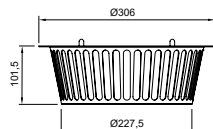
Accessories



Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
447766	Gully 315 FXD Ladder Grate Slip Resistant S/S 304"	Electropolished	R50	368	184	30	3.5
447767	Gully 315 FXD Ladder Grate Slip Resistant S/S 316"	Electropolished	R50	368	184	30	3.5



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
447673	Gully 315 FXD FAT S/S304	-	Ø218	300	-	2.66
447674	Gully 315 FXD FAT S/S316	-	Ø218	300	-	2.66

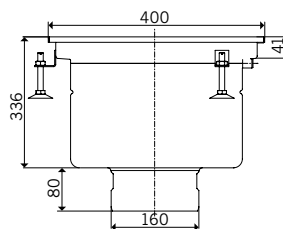


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
447681	Gully 315 FXD Silt Basket 0.7 litre S/S304	-	Ø306	101.5	-	1.16
447682	Gully 315 FXD Silt Basket 0.7 litre S/S316	-	Ø306	101.5	-	1.16

For applications requiring 316 stainless steel (see page 5) please contact the ACO Building Drainage Team on 01462 810421 or email abdestimating@aco.co.uk

ACO Hygienic Gully 357

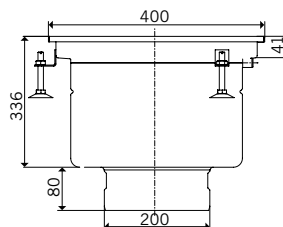
ACO Gully 357 – Fixed Height



FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
05766	Gully 357 FXD Vertical Outlet S/S 304	400×400	357	336 (+80)	Ø160	10.0	12.00
15766	Gully 357 FXD Vertical Outlet S/S 316	400×400	357	336 (+80)	Ø160	10.0	12.00

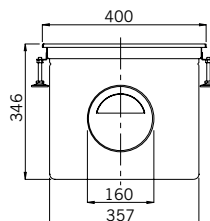
†Spigot depth in brackets.



FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth † overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
05768	Gully 357 FXD Vertical Outlet S/S 304	400×400	357	336 (+80)	Ø200	11.0	12.30

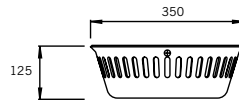
†Spigot depth in brackets.



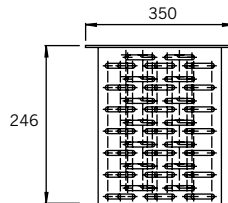
FAT included

Part No	Description	Top size (mm)	Body dia (mm)	Depth* overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
05767	Gully 357 FXD Horizontal Outlet S/S 304	400×400	357	346	Ø160	8.5	12.10

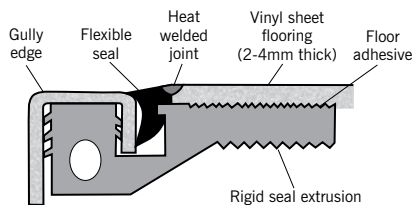
ACO Gully 357 – Fixed Height – Accessories



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
05790	Vertical Outlet Gully Silt Basket 9.5 litres capacity S/S 304	-	Ø350	125	-	1.76
15790	Vertical Outlet Gully Silt Basket 9.5 litres capacity S/S 316	-	Ø350	125	-	1.76



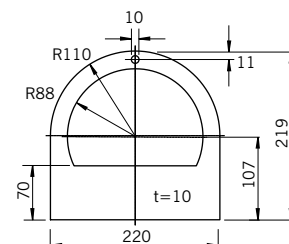
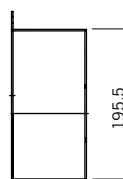
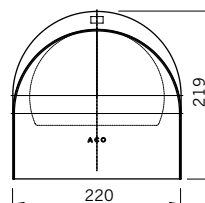
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
05791	Horizontal Outlet Gully Silt Basket 9.5 litres capacity S/S 304	-	Ø350	246	-	2.69



Ideal for vinyl/flexible sheet flooring applications, ACO Vinyl Seal® can be used to create a fully welded system that is watertight and improves hygiene performance by eliminating cumbersome mechanical clamping systems. **ACO Vinyl Seal® is not suitable for wooden or suspended floors.**

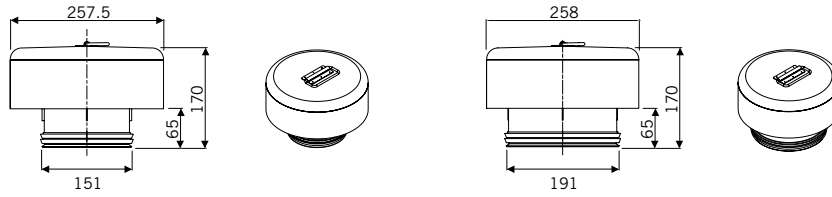
Part No	Description	Length overall (mm)	Weight (kg)
49454	Gully 357 Vinyl Seal® Kit (includes Flexible PVC Seal and Rigid PVC Extrusion)	-	0.60

ACO Gully 357 – Fixed Height – Replacement Parts

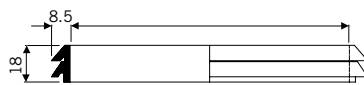


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
E1232	Horizontal Foul Air Trap (FAT) S/S 304	219	220	98	8.5/9.5	1.77
E1404	Horizontal Foul Air Trap (FAT) Seal	219	220	98	-	0.05

ACO Gully 357

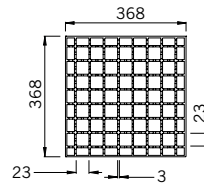
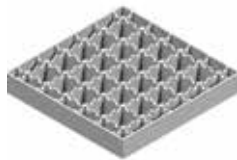


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
E1088	Vertical Foul Air Trap (FAT) S/S 304 (for 160mm Spigot)	Ø258	170	-	2.60	67.95
E1089	Vertical Foul Air Trap (FAT) S/S 304 (for 200mm Spigot)	Ø258	170	-	2.60	77.65

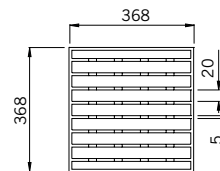
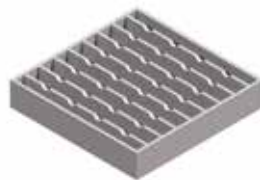


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
E1578	Vertical Foul Air Trap (FAT) Seal for E1088	Ø137	18	-	0.10	3.30
E1579	Vertical Foul Air Trap (FAT) Seal for E1089	Ø137	18	-	0.10	4.75

ACO Gully 357 – Gratings for Top Size 400 x 400mm (40mm Deep)



Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
05927	Plain Mesh S/S 304	Electropolished	C250	368	368	40	7.20
05926	Slip Resistant Mesh S/S 304	Electropolished	C250	368	368	40	7.20
15926	Slip Resistant Mesh S/S 316	Electropolished	C250	368	368	40	7.20

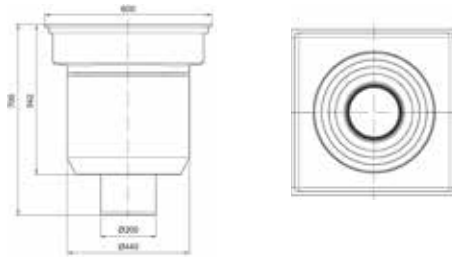


Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
401694	Ladder S/S 304 (Reversible Plain or Slip Resistant)	Pickled	C250	368	368	40	11.50
401698	Ladder S/S 316 (Reversible Plain or Slip Resistant)	Pickled	C250	368	368	40	11.50

Please refer to page 20 for gully locking kits and appropriate wrench to complete locked grating system.

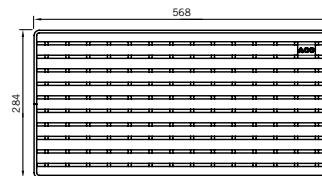
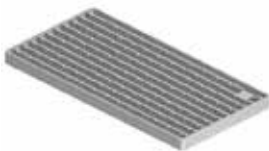
NEW!

ACO High Capacity gully 440

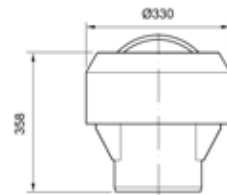


Part No	Description	Top Size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
446397	Gully 440 FXD, vertical outlet 200 c w FAT S/S 304	600x600	315	611	200	12	31.4
446413	Gully 440 FXD, vertical outlet 200 c w FAT S/S 316	600x600	315	611	200	12	31.4

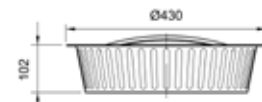
Accessories



Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
446400	Gully 440 FXD Ladder Grate Slip Resistant S/S 304	Electropolished	R50	568	284	30	10
446416	Gully 440 FXD Ladder Grate Slip Resistant S/S 316	Electropolished	R50	568	284	30	10



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
446398	Gully 440 FXD FAT S/S304	-	Ø330	358	-	5.60
446414	Gully 440 FXD FAT S/S316	-	Ø330	358	-	5.60



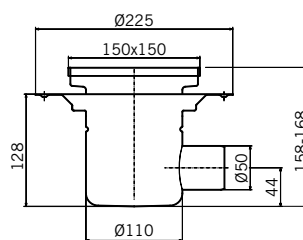
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
447681	Gully 440 FXD Silt Basket 1.2 litre S/S304	-	Ø430	102	-	1.16
447682	Gully 440 FXD Silt Basket 1.2 litre S/S316	-	Ø430	102	-	1.16

For applications requiring 316 stainless steel (see page 5) please contact the ACO Building Drainage Team on 01462 810421 or email abdestimating@aco.co.uk

ACO Condensate Gully

Condensate Gully is ideal for the collection of condensate discharge. A compact gully body with horizontal 50mm spigot comes complete with membrane clamp and can be combined with the Tundish/Ladder grating options.

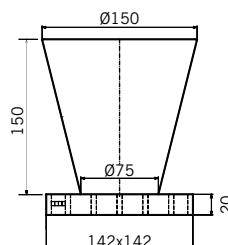
ACO Condensate Gully



FAT included

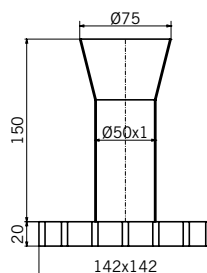
Part No	Description	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
416417	Condensate Gully TELE Horizontal Outlet S/S 304 with membrane clamp	150 x 150	110	158 - 168	50	1.2	1.90

Available in S/S 316 to special order



Part No	Description	Finish	Top Size (mm)	Entry dia (mm)	Tundish Height (mm)	Weight (kg)
416418	Ladder Grate and 150mm Dia Mounted Tundish S/S 304	Pickled	142 x 142	150	150	1.60

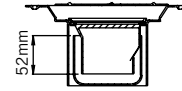
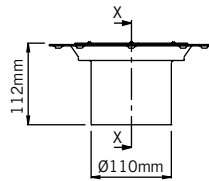
Available in S/S 316 to special order



Part No	Description	Finish	Top Size (mm)	Entry dia (mm)	Tundish Height (mm)	Weight (kg)
416570	Ladder Grate and 75mm Dia Mounted Tundish S/S 304	Pickled	142 x 142	75	150	1.60

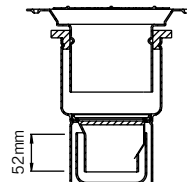
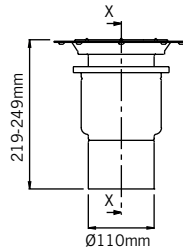
Available in S/S 316 to special order

ACO EG150 Gully (For Vinyl Sheet Flooring)



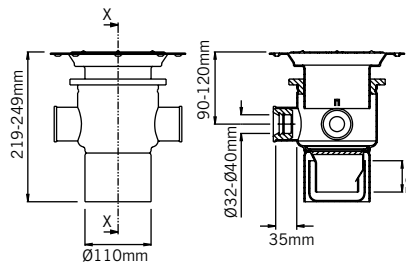
FAT included

Part No	Description EG150FVL/VNL/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97212	EG150 FVD Vertical Outlet Low Level S/S 304	K3	Ø225	112	Ø110	1.2	1.45
97262	EG150 FVD Vertical Outlet Low Level S/S 316	K3	Ø225	112	Ø110	1.2	1.45



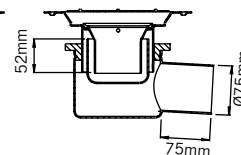
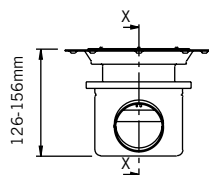
FAT included

Part No	Description EG150TV/VNL/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97207	EG150 TELE Vertical Outlet S/S 304	K3	Ø225	219 - 249	Ø110	1.2	2.30
97257	EG150 TELE Vertical Outlet S/S 316	K3	Ø225	219 - 249	Ø110	1.2	2.30



FAT included

Part No	Description EG150TV/VNL/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97209	EG150 TELE Vertical Outlet with 3 Inlets S/S 304	K3	Ø225	219 - 249	Ø110	1.2	2.70

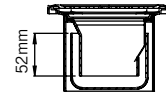
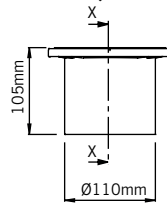


FAT included

Part No	Description EG150THL/VNL/75	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97208	EG150 TELE Horizontal Outlet S/S 304	K3	Ø225	219 - 249	Ø75	1.2	2.30
97258	EG150 TELE Horizontal Outlet S/S 316	K3	Ø225	219 - 249	Ø75	1.2	2.30

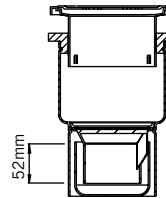
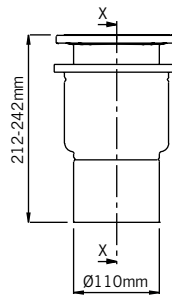
ACO EG150 Gully

ACO EG150 Gully (for cementitious/resin screed and tiled floors)



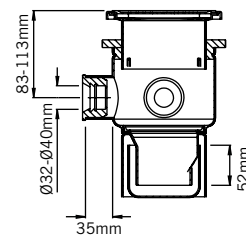
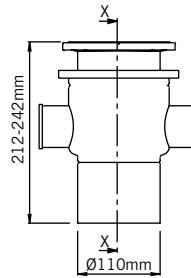
FAT included

Part No	Description EG150FVL/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97211	EG150 FDX Vertical Outlet Low Level S/S 304	K3	150×150	105	Ø110	1.2	1.30
97261	EG150 FDX Vertical Outlet Low Level S/S 316	K3	150×150	105	Ø110	1.2	1.30



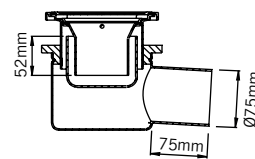
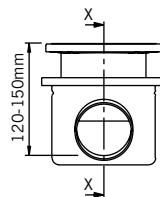
FAT included

Part No	Description EG150TV/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97200	EG150 TELE Vertical Outlet S/S 304	K3	150×150	212 - 242	Ø110	1.2	1.70
97250	EG150 TELE Vertical Outlet S/S 316	K3	150×150	212 - 242	Ø110	1.2	1.70



FAT included

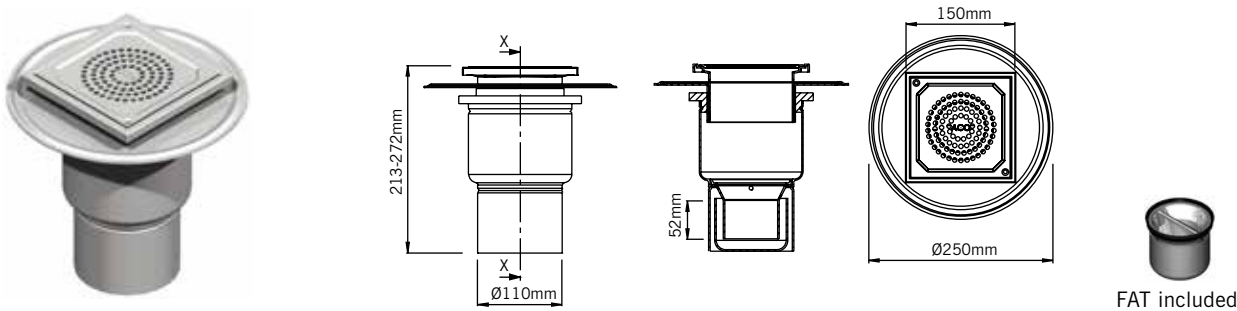
Part No	Description EG150TV3i/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97202	EG150 TELE Vertical Outlet with 3 Inlets S/S 304	K3	150×150	212 - 242	Ø110	1.2	2.50
97252	EG150 TELE Vertical Outlet with 3 Inlets S/S 316	K3	150×150	212 - 242	Ø110	1.2	2.50



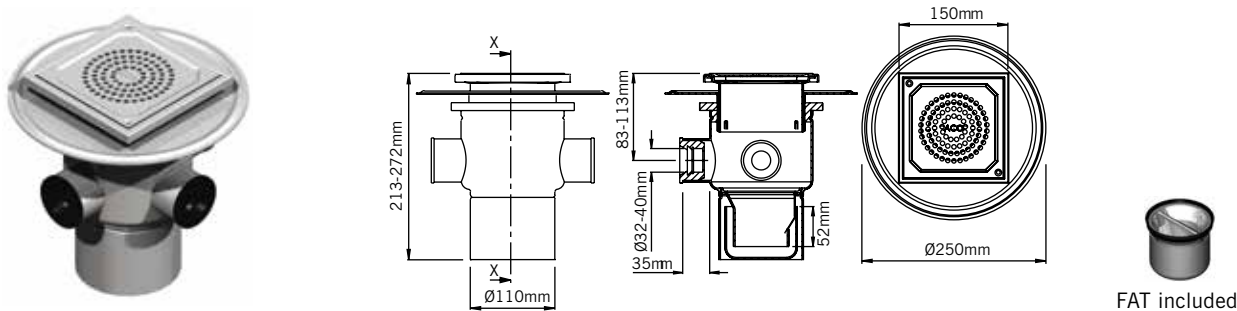
FAT included

Part No	Description EG150FVL/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97201	EG150 TELE Horizontal Outlet Low Level S/S 304	K3	150×150	120 - 150	Ø75	1.2	2.20
97251	EG150 TELE Horizontal Outlet Low Level S/S 316	K3	150×150	120 - 150	Ø75	1.2	2.20

ACO EG150 Gully (for damp proof membrane bonding)



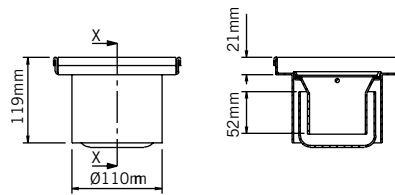
Part No	Description EG150TVB/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97216	EG150 TELE Vertical Outlet with Bonding Flange S/S 304	K3	150×150	213 - 272	Ø110	1.2	2.60
97266	EG150 TELE Vertical Outlet with Bonding Flange S/S 316	K3	150×150	213 - 272	Ø110	1.2	2.60



Part No	Description EG150TVB/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97205	EG150 TELE Vertical Outlet with Bonding Flange and 3 Inlets S/S 304	K3	150×150	213 - 272	Ø110	1.2	2.95

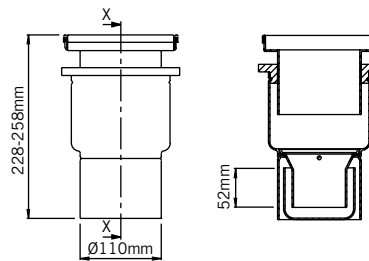
ACO EG150 Gully

ACO EG150 Gully, 2 Part System (For Cementitious/Resin Screed and Tiled Floors with Top for Mesh Grate)



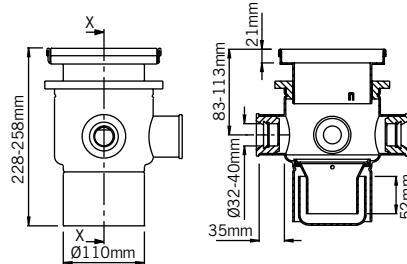
FAT included

Part No	Description EG150FVLM/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
400834	EG150 FVD Vertical Outlet Low Level S/S 304 (Gully only)	K3	150×150	119	Ø110	1.2	1.00
400835	EG150 FVD Vertical Outlet Low Level S/S 316 (Gully only)	K3	150×150	119	Ø110	1.2	1.00



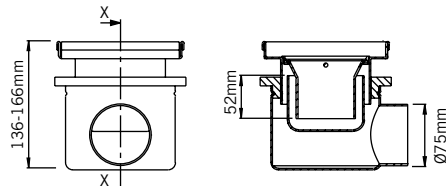
FAT included

Part No	Description EG150TV/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97296	EG150 TELE Vertical Outlet S/S 304 (Gully only)	K3	150×150	228 - 258	Ø110	1.2	1.85
97298	EG150 TELE Vertical Outlet S/S 316 (Gully only)	K3	150×150	228 - 258	Ø110	1.2	1.85



FAT included

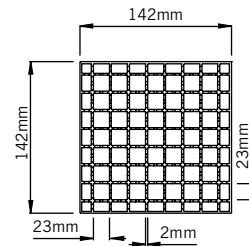
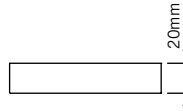
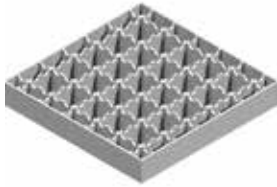
Part No	Description EG150TVM3i/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97312	EG150 TELE Vertical Outlet with 3 Inlets S/S 304 (Gully only)	K3	150×150	228 - 258	Ø110	1.2	2.20
97314	EG150 TELE Vertical Outlet with 3 Inlets S/S 316 (Gully only)	K3	150×150	228 - 258	Ø110	1.2	2.20



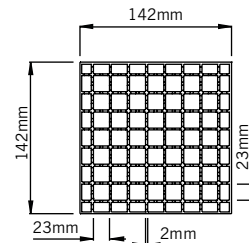
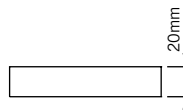
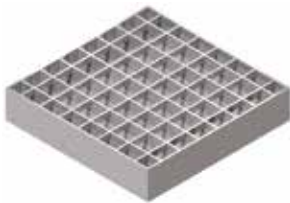
FAT included

Part No	Description EG150FVL/110	Load class	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
97308	EG150 TELE Vertical Outlet S/S 304 (Gully only)	K3	155x155	136 - 166	Ø75	1.2	1.85
97310	EG150 TELE Vertical Outlet S/S 316 (Gully only)	K3	155x155	136 - 166	Ø75	1.2	1.85

ACO EG150 Gully Gratings for 2 Part Gully System

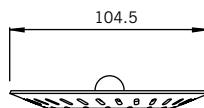


Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
05964	Slip Resistant Mesh S/S 304	Electropolished	K3	142	142	20	0.54
15964	Slip Resistant Mesh S/S 316	Electropolished	K3	142	142	20	0.54



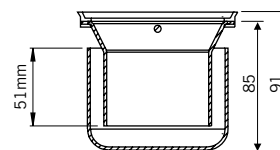
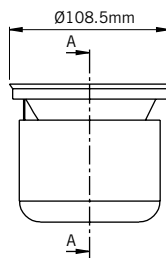
Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
05965	Plain Mesh S/S 304	Electropolished	K3	142	142	20	0.58
15965	Plain Mesh S/S 316	Electropolished	K3	142	142	20	0.58

ACO EG150 Gully – Accessories



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
97235	Sieve S/S 304	-	Ø104.5	5.0	-	0.10
97285	Sieve S/S 316	-	Ø104.5	5.0	-	0.10

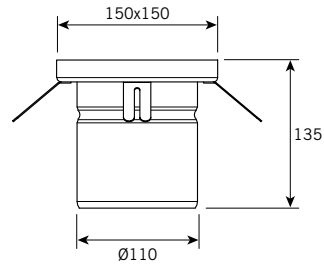
ACO EG150 Gully – Replacement Parts



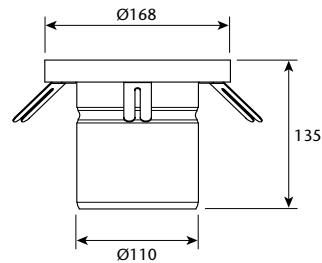
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
97217	Foul Air Trap (FAT) 110mm Outlet S/S 304	-	Ø108.5	91.0	1.2	0.30
97267	Foul Air Trap (FAT) 110mm Outlet S/S 316	-	Ø108.5	91.0	1.2	0.30

ACO Rodding Eye Gully

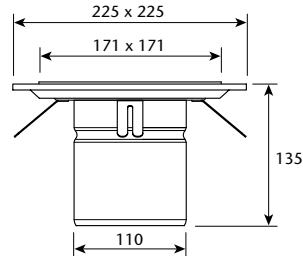
ACO Rodding Eye Gully



Part No	Description	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Weight (kg)
104010	Rodding Eye Vertical Gully S/S 304 (Gully only) (tiled, resin and cementitious floors)	150 x 150	135	Ø110	1.70



Part No	Description	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Weight (kg)
104004	Rodding Eye Vertical Gully S/S 304 (Gully only) (resin and cementitious floors)	Ø168	135	Ø110	1.00



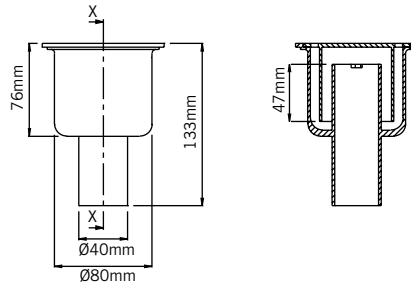
Part No	Description	Top size (mm)	Depth overall (mm)	Spigot dia (mm)	Weight (kg)
105070	Rodding Eye Vertical Gully S/S 304 (Gully only) (resin and vinyl floors)	225 x 225	135	Ø110	1.35

ACO Rodding Eye Gully Solid Covers

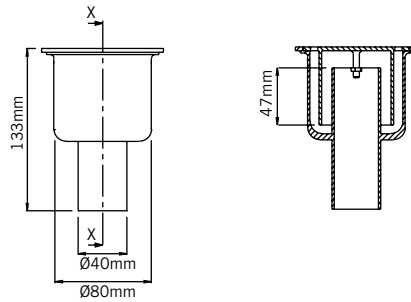


Part No	Description	Finish	Load class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
105049	Circular Solid Cover* S/S 304	Linished	K3	-	Ø168	-	0.90
105054	Square Solid Cover* S/S 304	Linished	K3	150	150	-	0.86

*Complete with double EPDM seal.

ACO Micro Floor Gully

Part No	Description	Finish	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
04156	Micro Floor Gully FXD Vertical Outlet non-locked S/S 304	K3	100×100	Ø80	133	Ø40	0.24	0.35

ACO Micro Floor Gully - with Locking

Part No	Description	Finish	Top size (mm)	Body dia (mm)	Depth overall (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
04157	Micro Floor Gully FXD Vertical Outlet locked S/S 304	K3	100×100	Ø80	133	Ø40	0.24	0.35

Product Range Overview

- 1** TotalFlow Gully Tops
- 2** TotalFlow Gully Body for height adjustable Gully Tops
- 3** Round Sieve
- 4** Odour and smoke block
- 5** TotalFlow Extensions
- 6** Fit-in kit
- 7** Fire protection kit

ACO TotalFlow Gullies are designed to be used in applications where robustness, durability and performance requirements are paramount. The TotalFlow range comprises of a variety of different product choices, which ACO has tried to keep as simple as possible.

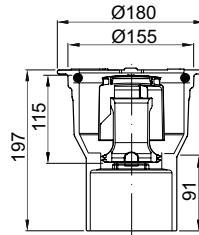
The floor construction and depth, together with the use of any waterproofing membrane play an important role in the selection of the appropriate type of gully.

As shown below there are 3 generic gully configurations available with either a horizontal or vertical outlet.

All gully systems are push fit and height adjustable, either telescopically or threaded. Extensions can be used to increase the height of the gully system to accommodate for thicker floor constructions.

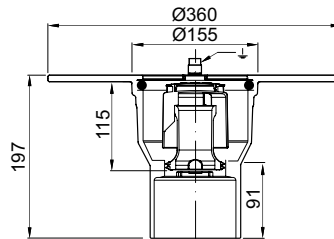


ACO TFG - Bodies



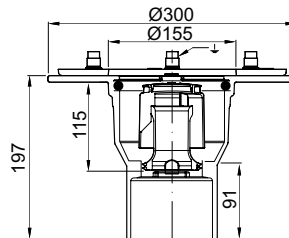
FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Height (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
106115	TotalFlow Gully, Vertical Outlet, Seal ring, Cast Iron, Location Flange, Painted	180	156	197	110	2.0	4.6



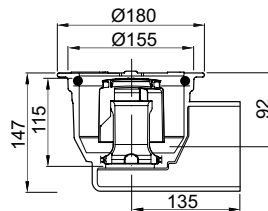
FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Height (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
106116	TotalFlow Gully, Vertical Outlet, Seal ring, Cast Iron, Location Flange, Painted	360	156	197	110	2.0	4.6



FAT included

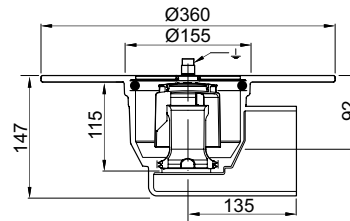
Part No	Description	Flange dia (mm)	Body dia (mm)	Height (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
106117	TotalFlow Gully, Vertical Outlet, Seal ring, Cast Iron, Location Flange, Painted	300	156	197	110	2.0	9.3



FAT included

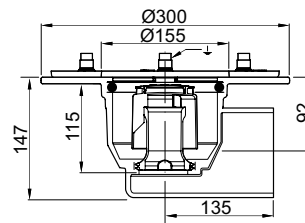
Part No	Description	Flange dia (mm)	Body dia (mm)	Height (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
106118	TotalFlow Gully, horizontal Outlet, Seal ring, Cast Iron, Location Flange, Painted	180	156	147	110	1.6	5.3

ACO TotalFlow Gully



FAT included

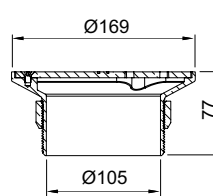
Part No	Description	Flange dia (mm)	Body dia (mm)	Height (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
106119	TotalFlow Gully, horizontal Outlet, Seal ring, Cast Iron, Location Flange, Painted	360	156	147	110	1.6	8.9



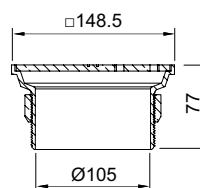
FAT included

Part No	Description	Flange dia (mm)	Body dia (mm)	Height (mm)	Spigot dia (mm)	Flow rate (l/s)	Weight (kg)
106120	TotalFlow Gully, horizontal Outlet, Seal ring, Cast Iron, Location Flange, Painted	300	156	147	110	1.6	9.5

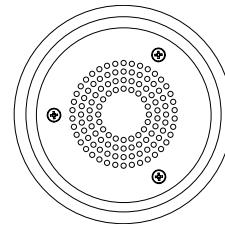
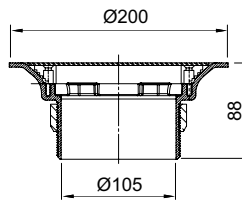
ACO TFG - Tops



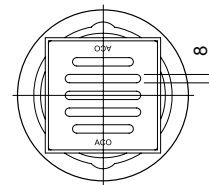
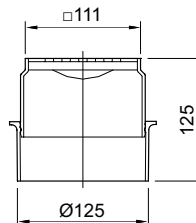
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106113	TotalFlow Gully top, round, height adjustable, incl lockable grating	Nickel bronze	Ø169	77	5.5	L15	Ø160	20	2.5



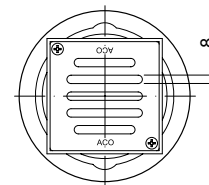
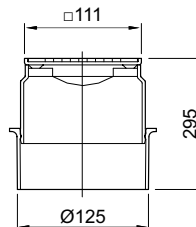
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106112	TotalFlow Gully top, square, height adjustable, incl lockable grating	Nickel bronze	148.5	77	5.5	L15	140	20	2.4



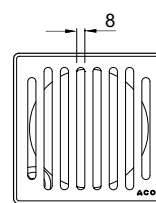
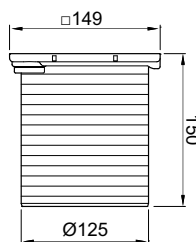
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106121	TotalFlow Gully top, round, height adjustable, incl clamp ring for vinyl applications and lockable grating	Nickelbronze Grating: SS 304	Ø200	88	2	K3	Ø157	20	2.4



Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106021	TotalFlow Gully top, telescopic, plastic housing and rim, incl loose slot grating	House: Plastic Grating: SS 304	111	125	5	K3	104	65	0.4

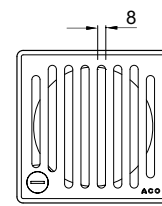
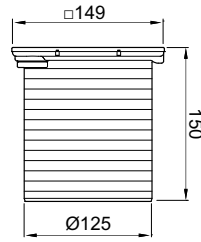


Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106102	TotalFlow Gully extended top, telescopic, plastic housing and S/S rim, incl lockable, slot grating	House: Plastic + SS304 rim Grating: SS 304	111	295	5	K3	104	225	0.6

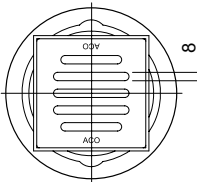
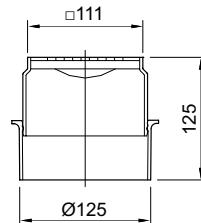


Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106023	TotalFlow Gully top, telescopic, plastic housing with S/S rim, incl loose slot grating	House: Plastic + SS304 rim Grating: SS 304	149	150	5	K3	140	85	0.7

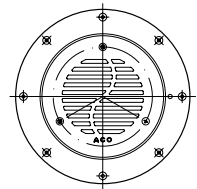
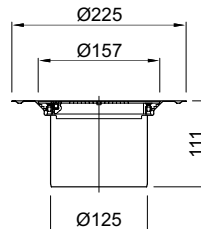
ACO TotalFlow Gully



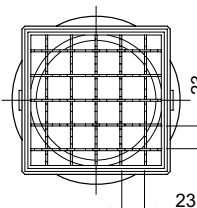
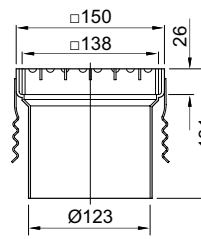
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106025	TotalFlow Gully top, telescopic, plastic housing with S/S rim, incl lockable grating	House: Plastic + SS304 rim Grating: SS 304	149	150	5	K3	140	85	1.8



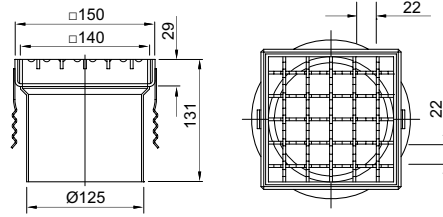
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106026	TotalFlow Gully top, S/S, telescopic, incl lockable slot grating	SS 304	148	115	5	K3	140	50	1.9



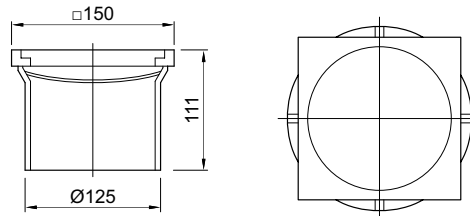
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106028	TotalFlow Gully top, S/S, telescopic, incl clamp ring and slot grating	SS 304	225	111	2	K3	157	50	0.9



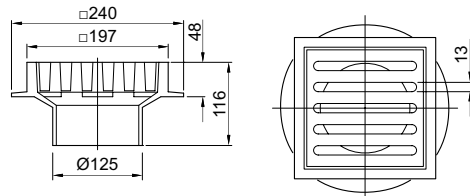
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106029	TotalFlow Gully top, S/S, telescopic, incl loose, slip resistant mesh grating	SS 304	150	131	25	L15	142	50	1.9



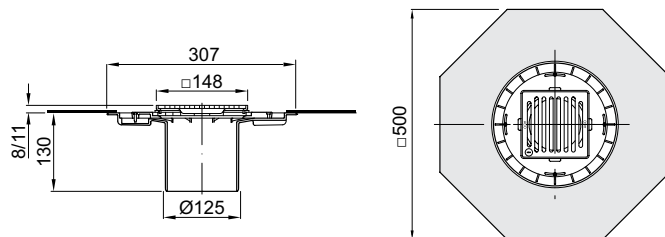
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106030	TotalFlow Gully top, S/S, telescopic, incl loose, heavy-duty, slip resistant grating	SS 304	150	131	25	M125	142	50	2.2



Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106100	TotalFlow Gully top, S/S, telescopic, incl sealed solid grate and sieve	SS 304	150	111	9	M125	Ø136	50	2.8



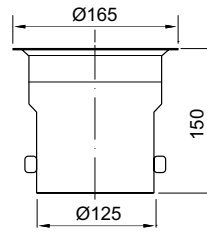
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106101	TotalFlow Gully top, Cast Iron, incl slotted grating	Cast Iron	197	116	35	M125	170	5	11.5



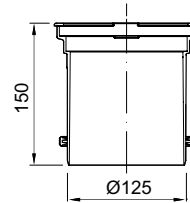
Part No	Description	Material	Top side (mm)	Depth overall (mm)	Grating depth (mm)	Load class	Grating top side (mm)	Height adj. range (mm)	Total weight (kg)
106106	TotalFlow Gully top, plastic housing with S/S rim with membrane, incl lockable slot grating	House: Plastic + SS304 rim Grating: SS 304	Membrane 500 Flange Ø307 Frame 148	141	5	K3	140	68	1.7

ACO TotalFlow Gully

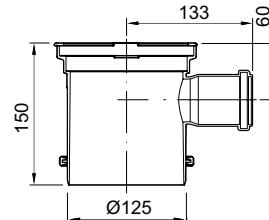
ACO TFG - Raising Pieces



Part No	Description	Material	Width overall (mm)	Depth overall (mm)	Max extension depth (mm)	Weight (kg)
106103	TotalFlow Gully S/S raising piece, with seal ring	SS 304	Ø165	150	110	0.5

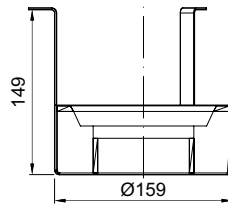


Part No	Description	Material	Width overall (mm)	Depth overall (mm)	Max extension depth (mm)	Weight (kg)
106104	TotalFlow Gully raising piece, plastic with sealing ring	Plastic	Ø147	150	110	0.17

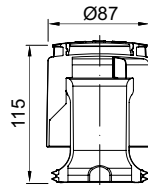


Part No	Description	Material	Width overall (mm)	Depth overall (mm)	Max extension depth (mm)	Weight (kg)
106105	TotalFlow Gully raising piece with side inlet, plastic, incl sealing ring	Plastic	Ø147	150	110	0.24

ACO TFG - Accessories and Spare Parts



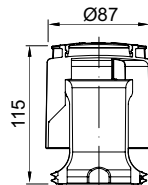
Part No	Description	Material	Length (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
106010	Fit-in installation kit	360	156	197	110	2.0	4.6



Part No	Description	Material	Length (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
106006	Foul Air Trap	Plastic	-	Ø87	115	-	0.12

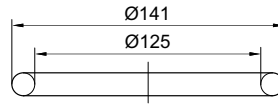


Part No	Description	Material	Length (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
106020	Odour and smoke block	Rubber	-	Ø50	80	-	0.02

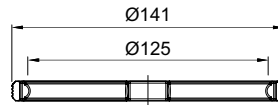


Part No	Description	Material	Length (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
106009	Fire protection kit, includes Foul Air Trap (red) and fire cartridge	Plastic	-	Ø87	115	-	0.4

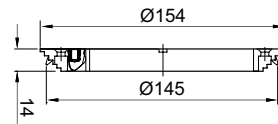
ACO TotalFlow Gully



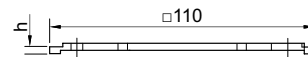
Part No	Description	Material	Length (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
106007	Sealing ring (black)	EPDM	-	Ø87	8	-	0.03



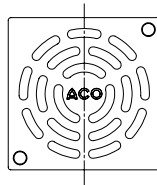
Part No	Description	Material	Length (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
106008	Seeping ring (grey)	EPDM	-	Ø87	8	-	0.03



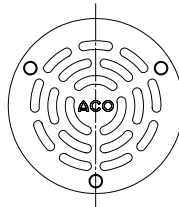
Part No	Description	Material	Length (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
E15969	Clamping ring	Plastic	-	Ø154	14	-	



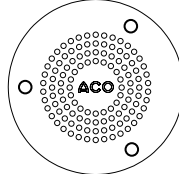
Part No	Description	Material	Length (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
106107	Top Frame Spacer, 3mm	Plastic	-	-	-	-	0.01
106108	Top Frame Spacer, 9mm	Plastic	-	-	-	-	0.03



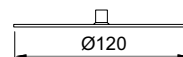
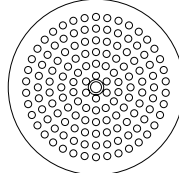
Part No	Description	Load class	Length (mm)	Width (mm)	Depth (mm)	Flow rate (l/s)	Weight (kg)
106015	TotalFlow Gully - Nickel Bronze square grate (only)	L15	140	140	5.5	-	0.64



Part No	Description	Load class	Length (mm)	Width (mm)	Depth (mm)	Flow rate (l/s)	Weight (kg)
106016	TotalFlow Gully - Nickel Bronze round grate (only)	L15	-	Ø161	5.5	-	0.66



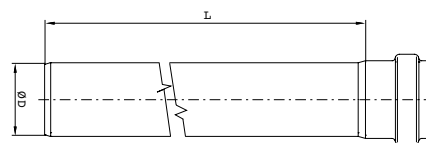
Part No	Description	Load class	Length (mm)	Width (mm)	Depth (mm)	Flow rate (l/s)	Weight (kg)
401185	TotalFlow Gully - S/S304 round grating (only), perforated	K3	-	Ø157	2	-	0.26



Part No	Description	Load class	Length (mm)	Width (mm)	Depth (mm)	Flow rate (l/s)	Weight (kg)
106017	TotalFlow Gully - S/S304 round sieve	K3	-	Ø87	2	-	0.1

ACO PIPE®

The ACO PIPE range provides our customers with access to high quality stainless steel pipe and fittings in sizes ranging from 50mm to 315mm. We also have a comprehensive range of more than 2,000 stainless steel pipe accessories and our stock levels mean we can normally deliver upon receipt of order, enabling market-leading customer service.

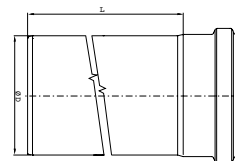
40mm, 50mm, 75mm and 110mm Socketed Pipe

Part No	Description	Diameter (mm)	Active length (mm)	Weight (kg)
417304	Socketed Pipe with EPDM Seal S/S 304	40	150	0.20
417306		40	250	0.30
417308		40	500	0.60
417310		40	750	0.80
417312		40	1000	1.1
417314		40	1500	1.6
417316		40	2000	2.1
417260		40	2500	2.5
417318		40	3000	3.0
417264		40	4000	4.0
417266		40	5000	5.0
417268		40	6000	6.0
98500	Socketed Pipe with EPDM Seal S/S 304	50	150	0.20
98502		50	250	0.40
98504		50	500	0.70
98506		50	750	1.00
98508		50	1000	1.30
98510		50	1500	1.90
98512		50	2000	2.60
419274		50	2500	3.20
98514		50	3000	3.80
419458		50	4000	5.00
419466		50	5000	6.30
419474		50	6000	7.50
98516	Socketed Pipe with EPDM Seal S/S 304	75	150	0.40
98518		75	250	0.60
98520		75	500	1.00
98522		75	750	1.50
98524		75	1000	2.00
98526		75	1500	2.90
98528		75	2000	3.60
419276		75	2500	4.80
98530		75	3000	5.70
419460		75	4000	7.60
419468		75	5000	9.40
419476		75	6000	11.30
98532	Socketed Pipe with EPDM Seal S/S 304	110	150	0.60
98534		110	250	0.90
98536		110	500	1.50
98538		110	750	2.20
98540		110	1000	2.90
98542		110	1500	4.30
98544		110	2000	5.70
419278		110	2500	7.10
98546		110	3000	8.40
419462		110	4000	11.10
419470		110	5000	13.90
419478		110	6000	16.70

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

All items on this page are also available in S/S 316.

125mm, 160mm, 200mm, 250mm and 315mm Socketed Pipe

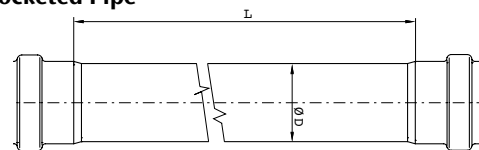


Part No	Description	Diameter (mm)	Active length (mm)	Weight (kg)
419692	Socketed Pipe with EPDM Seal S/S 304	125	150	0.70
419694		125	250	1.00
419696		125	500	1.70
419698		125	750	2.50
419700		125	1000	3.30
419702		125	1500	4.90
419704		125	2000	6.50
419708		125	2500	8.10
419706		125	3000	9.60
419710		125	6000	19.00
98548	Socketed Pipe with EPDM Seal S/S 304	160	150	1.10
98600		160	250	1.60
98602		160	500	2.90
98604		160	750	4.10
98606		160	1000	5.40
98608		160	1500	7.90
98610		160	2000	10.40
419280		160	2500	12.90
98612		160	3000	15.40
419464		160	4000	20.40
419472	Socketed Pipe with EPDM Seal S/S 304	160	5000	25.40
419480		160	6000	30.40
419383	Socketed Pipe with EPDM Seal S/S 304	200	500	4.50
419387		200	1000	8.30
419391		200	2000	15.80
419395		200	3000	23.20
417071	Socketed Pipe with EPDM Seal S/S 304	250	500	5.50
417075		250	1000	10.20
417079		250	2000	19.40
417083		250	3000	28.70
417238	Socketed Pipe with EPDM Seal S/S 304	315	500	9.80
417239		315	1000	17.70
417240		315	2000	33.50
417241		315	3000	49.30

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

All items on this page are also available in S/S 316.

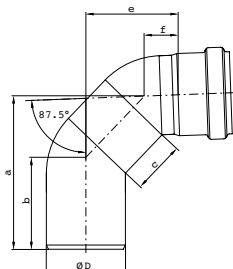
40mm, 50mm, 75mm, 110mm, 125mm, 160mm & 200mm Double Socketed Pipe



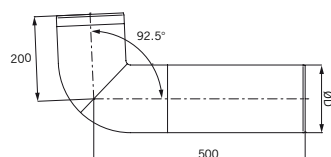
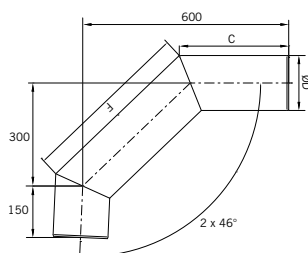
Part No	Description	Diameter (mm)	Active length (mm)	Weight (kg)
417276	Double Socketed Pipe with EPDM Seal S/S 304	40	250	0.4
417278		40	500	0.7
417280		40	750	0.9
417282		40	1000	1.1
417284		40	1500	1.6
417286		40	2000	2.1
417288		40	3000	3.1
419554	Double Socketed Pipe with EPDM Seal S/S 304	50	250	0.4
419556		50	500	0.7
419558		50	750	1.1
419560		50	1000	1.4
419562		50	1500	2
419564		50	2000	2.6
419566		50	3000	3.9
419568	Double Socketed Pipe with EPDM Seal S/S 304	75	250	0.7
419570		75	500	1.2
419572		75	750	1.6
419574		75	1000	2.1
419576		75	1500	3
419578		75	2000	4
419580		75	3000	5.8
419582	Double Socketed Pipe with EPDM Seal S/S 304	110	500	1.7
419584		110	750	2.4
419586		110	1000	3
419588		110	1500	4.4
419590		110	2000	5.7
419592		110	3000	8.4
419787	Double Socketed Pipe with EPDM Seal S/S 304	125	500	1.7
419789		125	750	2.5
419791		125	1000	3.3
419793		125	1500	4.9
419795		125	2000	6.5
419797		125	3000	9.6
419634	Double Socketed Pipe with EPDM Seal S/S 304	160	500	3.3
419636		160	750	4.5
419638		160	1000	5.8
419640		160	1500	8.2
419642		160	2000	10.7
419644		160	3000	15.7
419658	Double Socketed Pipe with EPDM Seal S/S 304	200	500	5
419662		200	1000	8.6
419666		200	2000	15.9
419670		200	3000	23.1

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

All items on this page are also available in S/S 316.

87.5° Long Bend

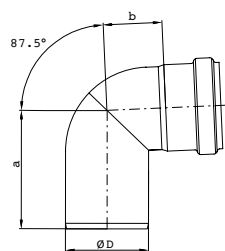
Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Length e (mm)	Length f (mm)	Weight (kg)
417340	Long Bend 87.5° with EPDM Seal S/S 304	40	105	64	50	67	40	0.30
419146		50	123	71	50	75	25	0.30
419148		75	146	87	50	88	32	0.50
419150		110	175	103	250	103	39	1.40
419152		160	222	126	250	183	92	2.20

92.5° Tall Bend Unsocketed**92.5° Long Bend Unsocketed**

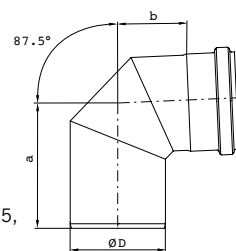
Part No	Description	Diameter (mm)	Length c (mm)	Length f (mm)	Weight (kg)
417056	Tall Bend 92.5 Unsocketed S/S 304 (No Seals)	110	-	-	2.00
417058		160	-	-	3.70
417060	Long Bend 92.5° Unsocketed S/S 304 (No Seals)	110	309	478	2.40
417062		160	319	498	4.40

87.5° Bend

Shape valid for ØD 50, 75, 110 and 160.



Shape valid for ØD 125, 200 and 250.



Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417342	Bend 87.5° with EPDM Seal S/S 304	40	79	32	0.20
98700		50	86	40	0.20
98702		75	107	53	0.40
98704		110	134	67	0.70
419732		125	161	93	0.80
98706		160	181	105	1.70
419411		200	215	129	3.90
417088*		250	297	211	5.10
417204*		315	393	286	12.80

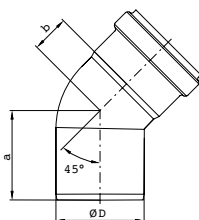
EPDM seals can be replaced on site with Viton® seals if required. See page 108.

All items on this page are also available in S/S 316.

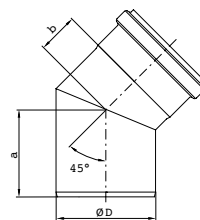
*Only available in Stainless steel 316

45° Bend

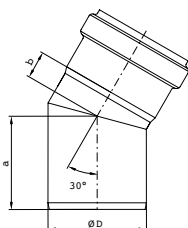
Shape valid for ØD 50,
75, 110 and 160.



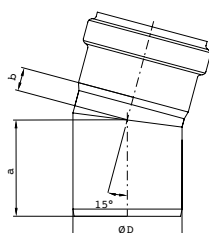
Shape valid for ØD 125,
200 and 250.



Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417344	Bend 45° with EPDM Seal S/S 304	40	58	21	0.2
98708		50	62	24	0.2
98710		75	76	32	0.3
98712		110	93	42	0.5
419736		125	110	50	0.6
98714		160	131	55	1.3
419407		200	152	60	2.7
417092*		250	177	76	3.4
417205*		315	199	91	7.2

30° Bend

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417346	Bend 30° with EPDM Seal S/S 304	40	55	14	0.2
98716		50	57	16	0.2
98718		75	71	21	0.3
98720		110	85	27	0.5
419740		125	98	28	0.6
98722		160	110	40	1.2
419403		200	137	45	2.3
417096*		250	153	58	3
417206*		315	172	68	5.8

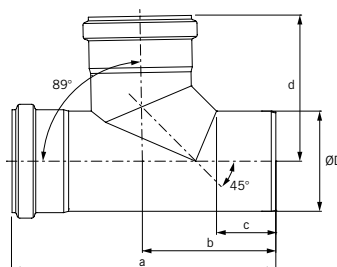
15° Bend

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417348	Bend 15° with EPDM Seal S/S 304	40	53	11	0.2
98724		50	54	12	0.1
98726		75	66	16	0.3
98728		110	78	15	0.4
419744		125	84	19	0.5
98730		160	99	29	1
419399		200	123	31	1.9
417100*		250	136	40	2.7
417207*		315	151	46	5.4

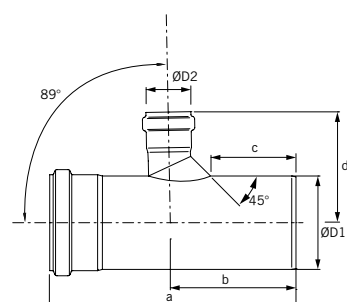
EPDM seals can be replaced on site with Viton® seals if required. See page 108.

All items on this page are also available in S/S 316.

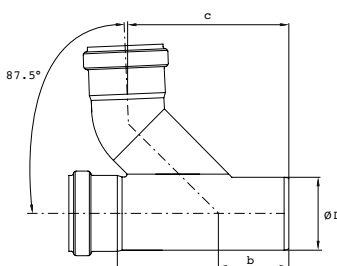
*Only available in Stainless steel 316

89° Single Swept Branch

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Length d (mm)	Weight (kg)
415113	Single Swept Branch 89° with EPDM Seal S/S 304	50	170	88	48	100	0.3
415112		75	229	125	68	134	0.6
415111		110	295	148	76	160	1.1

89° Single Swept Branch Reduction

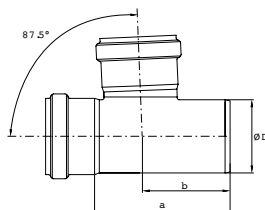
Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Length d (mm)	Weight (kg)
415106	Single Swept Branch Reduction 89° with EPDM Seal S/S 304	110	50	295	148	104	135	0.90
415107		110	75	295	148	81	143	1.00

87.5° Single Swept Branch

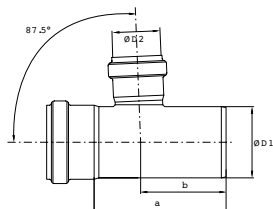
Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Weight (kg)
417376	Single Swept Branch 87.5° with EPDM Seal S/S 304	40	115	55	105	0.3
98814		50	128	57	117	0.3
98816		75	179	74	157	0.6
98818		110	233	88	209	1.1
98820		160	332	184	302	2.8

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

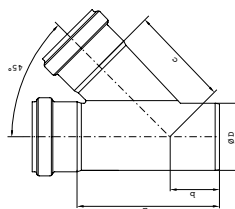
All items on this page are also available in S/S 316.

87.5° Single Branch

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417362	Single Branch 87.5° with EPDM Seal S/S 304	40	101	69	0.3
98732		50	106	71	0.3
98734		75	139	90	0.5
98736		110	183	117	1.0
419748		125	220	135	1.4
98738		160	288	184	2.4
419419		200	333	206	4.3
417104*		250	363	215	5.5
417108*		315	363	215	5.5

87.5° Single Branch Reduction

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417442	Single Branch Reduction 87.5° with EPDM Seal S/S 304	50	40	98	0.3
417444		75	40	98	0.3
98928		75	50	90	0.3
98932		110	50	117	0.5
98936		110	75	117	0.8
419752		125	75	110	0.9
419756		125	110	127	0.9
400691		160	110	184	2.3
419415		200	160	186	3.7
417112*		250	200	226	5.8
417210*		315	250	248	10.5

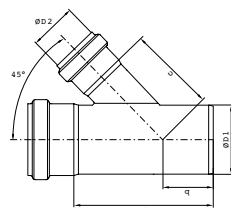
45° Single Branch

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Weight (kg)
417366	Single Branch 45° with EPDM Seal S/S 304	40	118	58	63	0.3
98748		50	128	57	76	0.4
98800		75	179	74	110	0.7
98802		110	233	88	149	1.3
419760		125	273	103	170	1.8
98804		160	332	119	222	3.2
419427		200	415	151	274	5.9
417108*		250	513	172	336	9.2
417209*		315	616	195	521	20.6

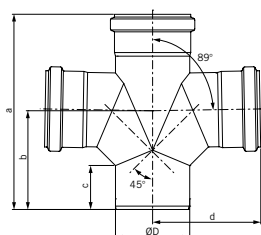
EPDM seals can be replaced on site with Viton® seals if required. See page 108.

All items on this page are also available in S/S 316.

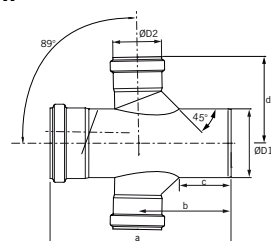
*Only available in Stainless steel 316

45° Single Branch Reduction

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Weight (kg)
417406	Single Branch Reduction 45° with EPDM Seal S/S 304	50	40	119	55	71	0.3
417446		75	40	144	94	56	0.3
400661		75	50	144	56	94	0.3
400665		110	50	147	42	119	0.5
400669		110	75	182	60	135	1.0
419764		125	75	200	65	141	1.1
419768		125	110	250	90	160	1.1
400699		160	110	332	119	191	2.6
419423		200	160	359	123	250	4.7
417116*		250	200	429	150	307	7.6
417211*		315	250	513	175	382	14

89° Double Swept Branch

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Length d (mm)	Weight (kg)
415110	Double Swept Branch 89° with EPDM Seal S/S 304	50	170	88	48	100	0.4
415109		75	229	125	68	134	0.8
415108		110	295	148	76	160	1.4

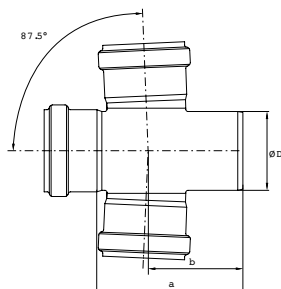
89° Double Swept Branch Reduction

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Length d (mm)	Weight (kg)
415105	Double Swept Branch Reduction	110	50	295	148	104	135	1
415104	89° with EPDM Seal S/S 304	110	75	295	148	81	143	1.1

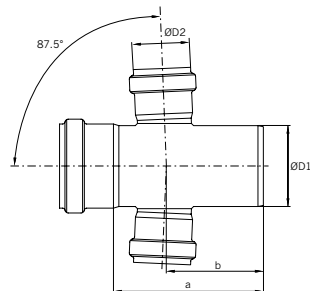
EPDM seals can be replaced on site with Viton® seals if required. See page 108.

All items on this page are also available in S/S 316.

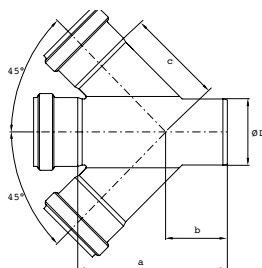
*Only available in Stainless steel 316

87.5° Double Branch

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417364	Double Branch 87.5° with EPDM Seal S/S 304	40	101	69	0.3
98740		50	106	71	0.3
98742		75	139	90	0.6
98744		110	183	117	0.9
98746		160	288	184	2.7

87.5° Double Branch Reduction

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417398	Double Branch Reduction 87.5° with EPDM Seal S/S 304	40	40			
98940		75	50	139	90	0.3
98944		110	50	183	117	0.6
98900		110	75	183	117	0.9
400695		160	160	288	184	2.7

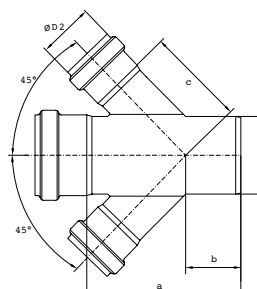
45° Double Branch

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Weight (kg)
417374	Double Branch 45° with EPDM Seal S/S 304	40	118	58	63	0.4
98806		50	128	57	76	0.4
98808		75	179	74	110	0.7
98810		110	233	88	149	1.2
98812		160	332	184	222	3.5
417120*		250	509	172	336	11
417212*		315	616	195	521	29.7

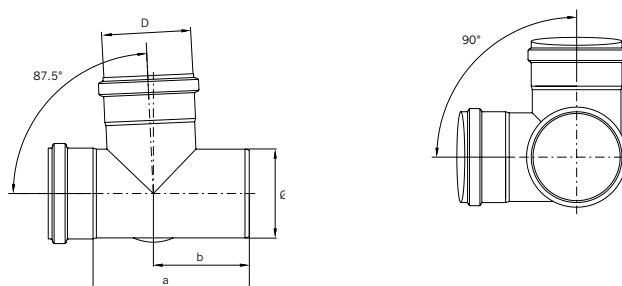
EPDM seals can be replaced on site with Viton® seals if required. See page 108.

All items on this page are also available in S/S 316.

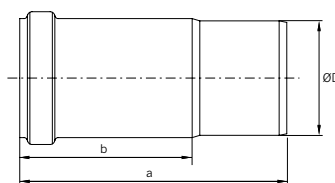
*Only available in Stainless steel 316

45° Double Branch Reduction

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Length b (mm)	Length C (mm)	Weight (kg)
417410	Double Branch Reduction 45° with EPDM Seal S/S 304	50	40	119	55	71	0.3
400673		75	50	144	56	94	0.4
400677		110	50	147	42	119	0.7
400681		110	75	182	60	135	1.2
400703		160	110	332	119	190	3.5
417124*		250	200	429	150	317	8.4

87.5° Corner Branch

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417414	Corner Branch 87.5° with EPDM Seal S/S 304	40	101	69	0.3
419162		50	106	71	0.4
419164		75	139	90	0.7
419166		110	183	117	1.1
417020		125	220	135	1.6
419168		160	288	184	2.9

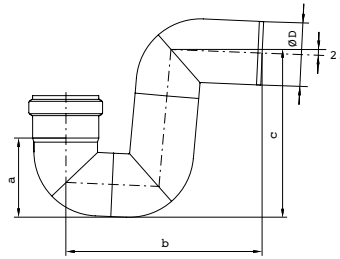
Expansion Socket

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
417382	Expansion Socket with EPDM Seal S/S 304	40	150	90	0.2
98664		50	159	102	0.2
98668		75	175	113	0.3
98672		110	200	121	0.5
419776		125	250	165	0.6
98676		160	292	170	1.4
417143*		250	400	190	3.8
417221*		315	450	200	7.2

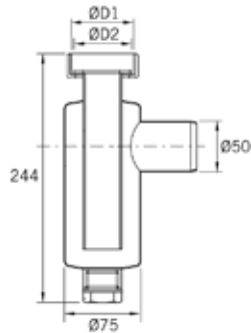
EPDM seals can be replaced on site with Viton® seals if required. See page 108.

All items on this page are also available in S/S 316.

*Only available in Stainless steel 316

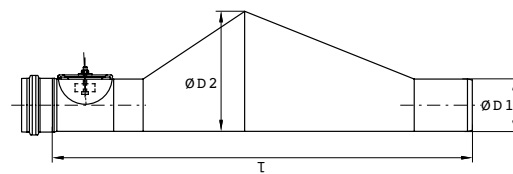
P-Trap

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Weight (kg)
98822	P-trap with EPDM Seal S/S 304	50	68	187	149	0.5
98824		75	94	232	193	0.7
98826		110	132	300	254	1.3
98828		160	190	403	347	3.3

Bottle Traps

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length (mm)	Weight (kg)
105424	Bottle Trap S/S 316	1 1/4"	38	244	0.89
105425		1 1/2"	44	244	0.90
105426		2"	56	244	0.92

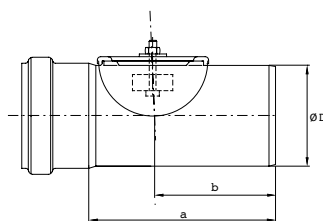
Products manufactured in S/S 316 are compatible with S/S 304 products.

Rat-Stop Pipe

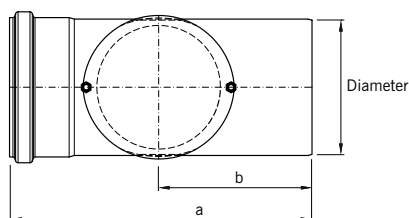
Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Weight (kg)
419268	Rat-stop pipe with EPDM Seal S/S 304	110	250	864	3.80

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

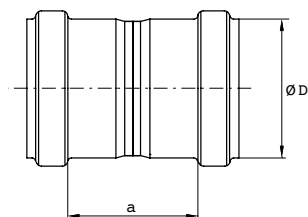
All items on this page are also available in S/S 316.

Access Unit

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
98913	Access Unit with EPDM Seal S/S 304	75	139	90	0.5
98915		110	183	117	0.8
419783		125	210	135	0.9
98917		160	288	184	2.3
419676		200	293	186	3.7
417128*		250	290	184	3.8
417214*		315	340	228	8.9

Flush Access Unit

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Weight (kg)
105865	Flush Access Unit with EPDM Seal S/S 304	75	150	95	0.9
105869		110	180	112	1.1
105873		125	222	140	1.2
105877		160	285	180	1.7
105881		200	335	205	2.3

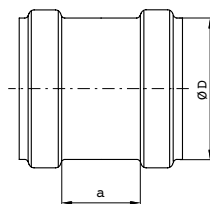
Access Unit

Part No	Description	Diameter (mm)	Length a (mm)	Weight (kg)
417392	Access unit with EPDM Seal S/S 304	40	51	0.1
98920		50	54	0.1
98922		75	75	0.2
98924		110	84	0.4
419813		125	140	0.4
98926		160	110	0.8
419431		200	136	1.8
417160*		250	181	3.1
417225*		315	179	5.2

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

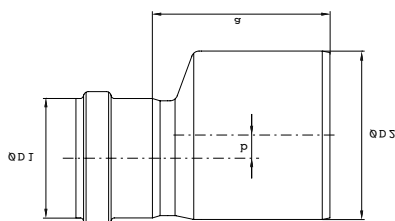
All items on this page are also available in S/S 316.

*Only available in Stainless steel 316

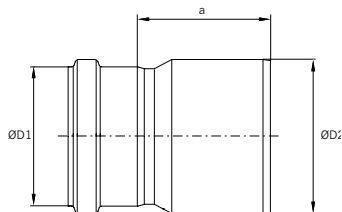
Repair Coupling

Part No	Description	Diameter (mm)	Length a (mm)	Weight (kg)
417388	Repair Coupling with EPDM Seal S/S 304	40	57	0.1
98830		50	44	0.1
98832		75	46	0.2
98834		110	52	0.3
419772		125	70	0.3
98836		160	76	0.7
419435		200	100	1.5
417139*		250	182	2.4
417220*		315	179	4.9

All items in this table are also available in S/S 316.

Increaser Coupling Eccentric

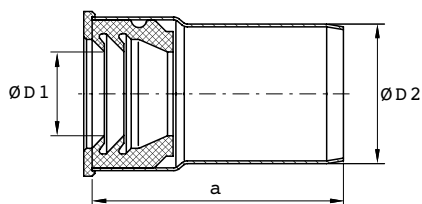
Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Offset b (mm)	Weight (kg)
417418	Increaser coupling eccentric with EPDM Seal S/S 316	40	50	85	5	0.3
417419		40	75	85	17	0.3
98892		50	75	88	7	0.3
98978		50	110	103	25	0.4
98894		75	110	116	15	0.5
98896		110	160	136	22	1.1
417135		200	250	180	15	2.4
417218		250	315	190	15	4.4

Increaser Coupling Concentric

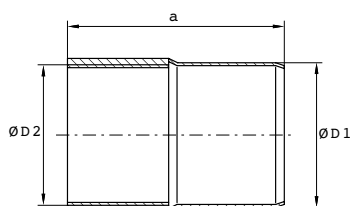
Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Weight (kg)
417416	Increaser coupling concentric with EPDM Seal S/S 316	40	50	85	0.25
417417		40	75	85	0.3
419780		110	125	107	0.6
419811		125	160	113	1.2
419441		160	200	170	1.8
417133		200	250	180	2.4
417217		315	250	190	4.4

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

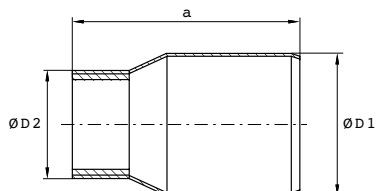
Products manufactured in S/S 316 are compatible with S/S 304 products.

Increaser Connector

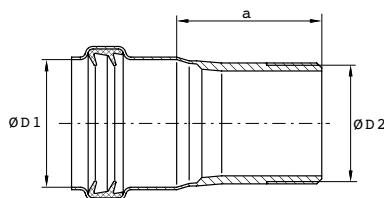
Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Weight (kg)
419373	Increaser connector with NBR Seal S/S 316	32	50	90	0.2
419374		40	50	90	0.2

Connector with Internal Screw Thread and Spigot

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Weight (kg)
417336	Connector with internal screw thread and spigot S/S 316	40	Rp 1 1/4"	70	0.2
98956		40	Rp 1 1/4"	72	0.2
98957		40	Rp 1 1/2"	75	0.3
98958		40	Rp 2"	80	0.3

Connector with External Screw Thread and Spigot

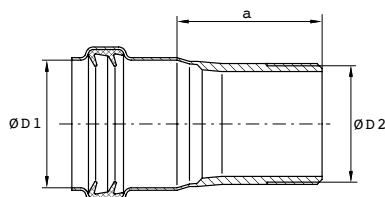
Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Weight (kg)
419330	Connector with external screw thread and spigot S/S 316	50	Rp 1 1/4"	100	0.2
419331		50	Rp 1 1/2"	100	0.3
419332		50	Rp 2"	100	0.3

Connector with Socket and Internal Screw Thread

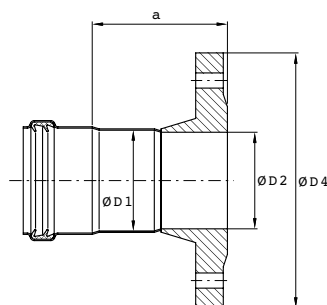
Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Weight (kg)
419333	Connector with socket and internal screw thread with EPDM Seal S/S 316	50	Rp 1 1/4"	58	0.2
419335		50	Rp 1 1/2"	58	0.3
419337		50	Rp 2"	58	0.3

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

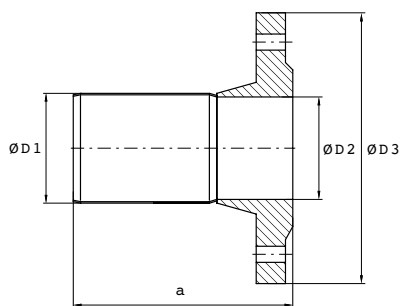
Products manufactured in S/S 316 are compatible with S/S 304 products.

Connector with Socket and External Screw Thread

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Weight (kg)
419250	Connector with socket and external screw thread with EPDM Seal S/S 316	50	Rp 1 1/4"	58	0.2
419252		50	Rp 1 1/2"	58	0.3
419254		50	Rp 2"	58	0.3

Connector with Socket and Flange

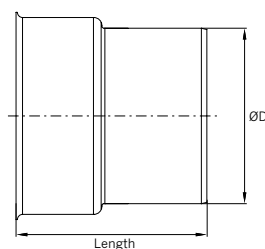
Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Diameter ØD4 (mm)	Length a (mm)	Weight (kg)
419256	Connector with socket and flange with EPDM Seal S/S 316	50	40	150	100	2.3
419258		50	50	165	100	2.7
419260		75	65	185	100	3.4
419262		100	100	220	100	4.9
419514		200	200	340	100	12

Connector with Spigot and Flange

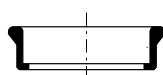
Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Diameter ØD3 (mm)	Length a (mm)	Weight (kg)
417430	Connector with spigot and flange S/S 316	40	40	100	161	1.6
417431		40	50	100	161	1.6
417422		40	40	110	165	2
417423		40	50	110	165	2
419264		50	40	150	192	2.3
419265		50	50	165	192	2.7
419266		75	65	185	245	3.4
419267		110	100	220	259	4.9
419540		160	150	285	200	8.5
419541		200	200	240	240	12.3

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

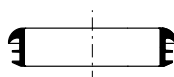
Products manufactured in S/S 316 are compatible with S/S 304 products.

Connector Cast Iron Spigot > ACO PIPE® Socket

Part No	Description	Diameter (mm)	Length a (mm)	Weight (kg)
98904	Connector cast iron spigot > ACO PIPE® socket S/S 316 (used in conjunction with Reduction Seals)	75	121	0.4
98906		110	137	0.6
98905		160	174	1

Reduction Sealing Cast Iron Spigot > ACO PIPE® Socket

Part No	Description	Cast iron spigot (mm)	Weight (kg)
400580	EPDM Reduction seal (Cast Iron spigot > ACO PIPE® socket)	75 / DN 70	0.06
400581		110 / DN 100	0.10

Reduction Sealing ACO PIPE® Spigot Cast Iron Socket

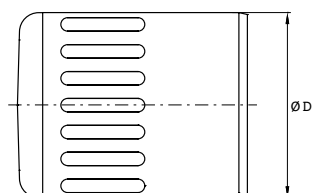
Part No	Description	Cast iron socket (mm)	Weight (kg)
400586	EPDM Reduction seal (ACO PIPE® spigot > Cast Iron socket)	75 / DN 70	0.05
400587		110 / DN 100	0.08
400588		160 / DN 150	0.12

Reduction Sealing Set for Cast Iron

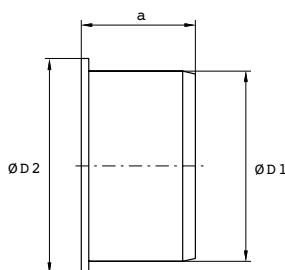
Part No	Description	Cast iron Pipe (mm)	Weight (kg)
419370	EPDM set for Cast Iron	75 / DN 70	0.11
419371		110 / DN 100	0.18

EPDM seals can be replaced on site with Viton® seals if required. See page 108.

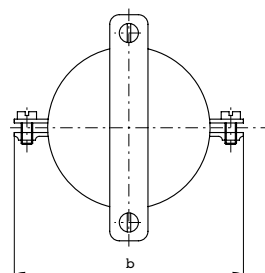
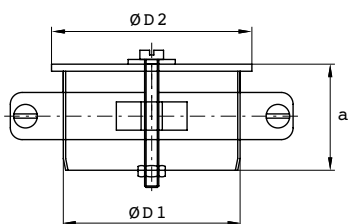
Products manufactured in S/S 316 are compatible with S/S 304 products.

Vent cowl

Part No	Description	Diameter (mm)	Weight (kg)
98962	Vent cowl S/S 316	75 / DN 70	0.06

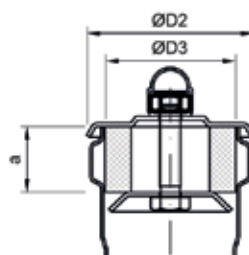
Socket Plug

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Weight (kg)
417405	Socket plug S/S 316	40	35	50	0.1
98888		50	58	45	0.1
98889		75	85	45	0.3
98890		110	120	45	0.4
419782		125	135	50	0.5
98891		160	170	50	0.8
98894		200	210	50	1.2
417131		250	260	60	1.9
417215		315	325	73	2.2

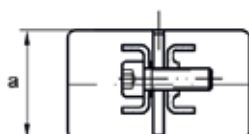
Socket Plug (With Clamp)

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Length a (mm)	Length a (mm)	Weight (kg)
417402	Socket plug (with clamp) S/S 316	40				
419138		50	58	45	88	0.4
419139		75	85	45	120	0.6
419140		110	120	45	167	0.8
419141		160	170	50	214	1.1
417132		250	260	73	302	2.4
417216		315	325	130	317	3.7

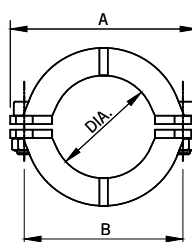
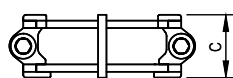
Products manufactured in S/S 316 are compatible with S/S 304 products.

Drainplug with Screwed Plug

Part No	Description	Diameter ØD1 (mm)	Diameter ØD2 (mm)	Diameter ØD3 (mm)	Length a (mm)	Weight (kg)
419942	Drainplug with Screwed Plug S/S 316	50	64	50	12	0.08
419943		75	92	75	12	0/50
419944		110	126	105	15	0.50
419945		125	160	124	12	0.90

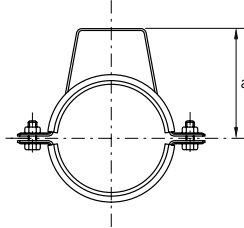
Socket Clamp - Two Part

Part No	Description	Diameter (mm)	Length a (mm)	Weight (kg)
417025	Socket Clamp - Two Parts S/S 316	50	40	0.14
417027		75	40	0.25
417029		110	43	0.34
417017		125	45	0.38
417031		160	45	0.48
419983		200	45	0.51
417137		250	45	0.71

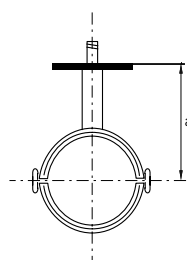
Peak Pressure Clamp

Part No	Description	Diameter (mm)	Length a (mm)	Length b (mm)	Length c (mm)	Max Pressure (bar)	Weight (kg)
417167	Peak Pressure Clamp S/S 304	50	104	80	45	8	0.45
417169		75	133	113	45	8	0.65
417171		110	168	148	50	8	0.84
417191		125	194	169	63	6	1.5
417173		160	229	206	63	6	1.94
417168	Peak Pressure Clamp S/S 316	50	104	80	45	8	0.45
417170		75	133	113	45	8	0.65
417172		110	168	148	50	8	0.84
417192		125	194	169	63.5	6	1.5
417174		160	229	206	63.5	6	1.94

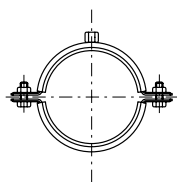
Products manufactured in S/S 316 are compatible with S/S 304 products.

Support Bracket with Rubber Infill and Stirrup

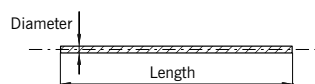
Part No	Description	Diameter (mm)	Length a (mm)	Weight (kg)
417358	Support bracket with rubber infill and stirrup Galvanised Steel	40		
400541		50	56	0.18
400542		75	80	0.28
400543		110	116	0.41
400544		160	166	0.48
417360		40		
400537	Support bracket with rubber infill and stirrup S/S 316	50	56	0.18
400538		75	80	0.28
400539		110	116	0.41
400540		160	166	0.48

Support Bracket with Rubber Infill and Stirrup

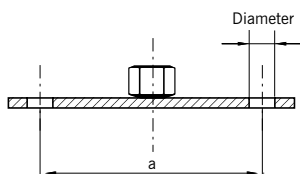
Part No	Description	Diameter (mm)	Length a (mm)	Weight (kg)
400549	Support bracket with rubber infill and key Galvanised Steel	50	120	0.16
417361		40		
500545	Support bracket with rubber infill and key S/S 316	50	120	0.16
400546		75	133	0.26
400547		110	150	0.38
400548		160	175	0.44

Support Bracket with Rubber Infill

Part No	Description	Diameter (mm)	Weight (kg)
417434	Support bracket with rubber infill Galvanised Steel	40	0.12
400533		50	0.14
400534		75	1.23
400535		110	0.33
419854		125	0.36
400536		160	0.39
419451		200	0.44
417359	Support bracket with rubber infill S/S 316	40	0.12
400529		50	0.14
400530		75	1.23
400531		110	0.33
419855		125	0.36
400532		160	0.39
419675		200	0.44
417224		315	1

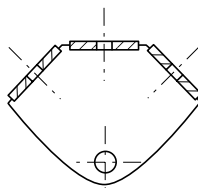
Threaded Support Pole M8

Part No	Description	Diameter (mm)	Length (mm)	Weight (kg)
400559	Threaded support pole M8 Galvanised Steel	M8	40	0.02
400558		M8	90	0.03
400557		M8	1000	0.39
400555	Threaded support pole M8 S/S 316	M8	40	0.02
400554		M8	90	0.03
400553		M8	1000	0.39

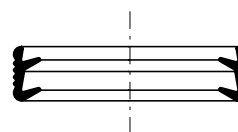
Fixing Plate

Part No	Description	Diameter (mm)	Length a (mm)	Weight (kg)
400525	Fixing plate Galvanised Steel	70	8.4	0.05
400521	Fixing plate S/S 316	70	8.4	0.05

Products manufactured in S/S 316 are compatible with S/S 304 products.

ACO PIPE®**Set for Axial Fixing**

Part No	Description	Weight (kg)
400561	Set for axial fixing (6 x M8 nuts included) S/S 316	0.11

Replacement EPDM and Viton® Seals

Part No	Description	Diameter (mm)	Weight (kg)
417400	Replacement EPDM Seals (Black)	40	0.01
98400		50	0.01
98401		75	0.02
98402		110	0.05
419453		125	0.06
98403		160	0.08
98433		200	0.10
417146		250	0.12
417222		315	0.30
98404	Replacement Viton® Seals (Green)	50	0.01
98405		75	0.02
98406		110	0.05
419454		125	0.06
98407		160	0.08
98437		200	0.10
417147		250	0.12

Seals are interchangeable thereby facilitating easy on site upgrade from EPDM to Viton®. Refer to the Technical Literature.

For further information please contact the ACO Building Drainage team on 01462 810400 or email abdtechnical@aco.co.uk

ACO Universal Lubricant

Part No	Description	Weight (kg)
105401	ACO Universal lubricant 150g bottle	0.15
105405	ACO Universal lubricant in bucket 1kg	1

Set for Axial Fixing

419363



419364 & 400738

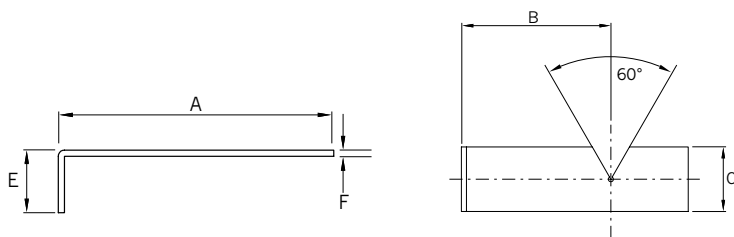


419857 & 400742

Part No	Description	Cutting Diameter (mm)	Weight (kg)
419363	ACO PIPE® manual cutter, including integrated pipe holder	50 - 110	3.5
419364	ACO PIPE® manual cutter 50-110	50 - 110	1
400738	ACO PIPE® manual cutter 110-160	110 - 160	2
419857	ACO PIPE® holder for manual cutting - 125	125	3.5
400742	ACO PIPE® holder for manual cutting - 160	160	4
419365	Replacement disc for ACO PIPE® cutter 419363*	-	0.005
400578	Replacement disc for ACO PIPE® cutter 419364 and 400738*	-	0.005

When purchasing an ACO PIPE® manual cutter (419364 or 400738) it is necessary to order the appropriate ACO PIPE® holder.

*Minimum order quantity - 10 pcs.

Pipe Marking Kit*

Part No	Description	For Pipe Diameter (mm)	Weight (kg)
417064	Pipe marking kit (6 x 0.35kg making plates)	50 - 110	3.5

ACO GM-X PIPE

ACO GM-X Pipe

GALVANISED STEEL PIPE AND FITTINGS SYSTEM

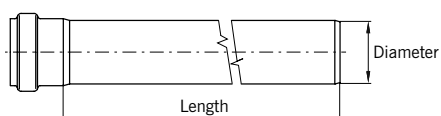
ACO's GM-X pipe range of socketed galvanised steel pipe products is designed for external applications, such as rainwater drainage, where a robust and highly durable system is required.

GMX Pipe has a two-stage socket design utilising the GMX seal to provide rigid and solid, buckle-proof connection of fittings, guaranteeing joint tightness.

ACO GM-X pipe is available in different lengths and a choice of eight different diameters ranging in size from 32mm to 200 mm. GM-X pipe is compliant with BS EN 1123 and ACO also provides a range of accessories including angled bends, single, double and corner branches, connectors and brackets.

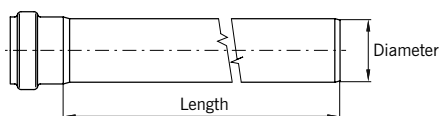
Socketed Pipe

Straight pipe 32mm



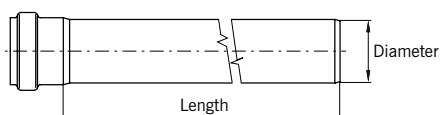
Part No	Outlet diameter øD [mm]	Active length L [mm]	Weight [kg]
108850	32	250	0.3
108851	32	500	0.5
108852	32	1000	1.0
108853	32	1500	1.2
108854	32	2000	1.8

Straight pipe 40mm

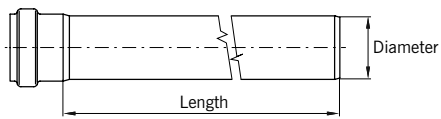


Part No	Outlet diameter øD [mm]	Active length L [mm]	Weight [kg]
108855	40	250	0.4
108856	40	500	0.9
108857	40	750	1.2
108858	40	1000	1.6
108859	40	1500	2.4
108860	40	2000	3.2
108861	40	2500	3.9
108862	40	3000	5.0

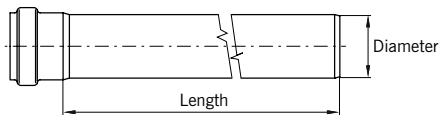
Straight pipe 50mm



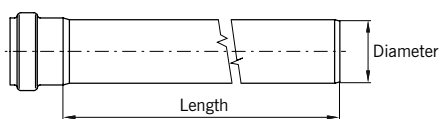
Part No	Outlet diameter øD [mm]	Active length L [mm]	Weight [kg]
108863	50	250	0.6
108864	50	500	1.1
108865	50	750	1.6
108866	50	1000	2.1
108867	50	1500	3.1
108868	50	2000	4.2
108869	50	2500	5.2
108870	50	2750	5.7
108871	50	3000	6.2

Socketed Pipe**Straight pipe 70mm**

Part No	Outlet diameter øD [mm]	Active length L [mm]	Weight [kg]
108872	70	250	0.9
108873	70	500	1.6
108874	70	750	2.3
108875	70	1000	3.0
108876	70	1500	4.6
108877	70	2000	5.8
108878	70	2500	7.2
108879	70	2750	8.1
108880	70	3000	8.8

Straight pipe 80mm

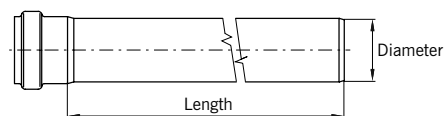
Part No	Outlet diameter øD [mm]	Active length L [mm]	Weight [kg]
108881	80	250	1.3
108882	80	500	2.3
108883	80	750	3.5
108884	80	1000	4.4
108885	80	1500	6.4
108886	80	2000	8.4
108887	80	2500	10.8
108888	80	3000	12.8

Straight pipe 100mm

Part No	Outlet diameter øD [mm]	Active length L [mm]	Weight [kg]
108889	100	250	1.7
108890	100	500	2.8
108891	100	750	3.9
108892	100	1000	5.2
108893	100	1500	8.0
108894	100	2000	9.8
108895	100	2500	13.2
108896	100	2750	15.3
108897	100	3000	14.6

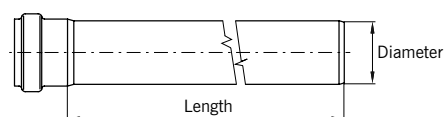
ACO GM-X PIPE

Straight pipe 125mm



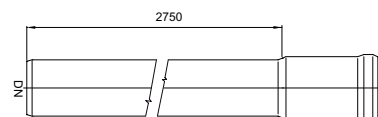
Part No	Outlet diameter øD [mm]	Active length L [mm]	Weight [kg]
108898	125	250	2.8
108899	125	500	4.9
108900	125	750	7.1
108901	125	1000	9.2
108902	125	1500	13.2
108903	125	2000	17.4
108904	125	2500	21.8
108905	125	3000	25.3

Straight pipe 150mm



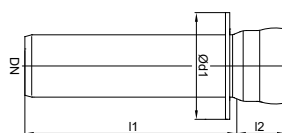
Part No	Outlet diameter øD [mm]	Active length L [mm]	Weight [kg]
108906	150	250	3.4
108907	150	500	5.9
108908	150	750	8.5
108909	150	1000	11.0
108910	150	1500	16.0
108911	150	2000	21.2
108912	150	2500	26.9
108913	150	3000	31.4

Straight pipe with extended socket



Part No	Outlet diameter øD [mm]	Active length L [mm]	Weight [kg]
108922	50	2750	6.1
108923	70	2750	8.6
108924	100	2750	15.1

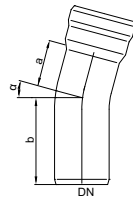
Straight pipe single socket with flange



Part No	Outlet diameter øD [mm]		Length		Weight [kg]
	d	d1	l1 [mm]	l2 [mm]	
108929	40	94	250	30	0.7
108930	50	103	250	38	0.8
108931	70	125	250	55	1.2
108932	80	136	250	60	1.7
108933	100	150	250	70	2.0
108934	125	180	250	75	3.3
108935	150	205	250	80	4.0
108936	200	265	250	120	7.0

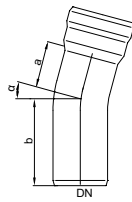
ACO GM-X Bends

bend 15°



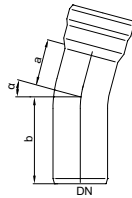
Part No	Outlet diameter øD [mm]	Dimensions		Weight [kg]
		a [mm]	b [mm]	
108939	32	27	58	0.2
108940	40	37	67	0.2
108941	50	53	81	0.4
108942	70	50	89	0.6
108943	80	25	85	0.7
108944	100	34	104	1.0
108945	125	37	112	1.9
108946	150	40	120	2.6
108947	200	45	165	5.7

bend 30°



Part No	Outlet diameter øD [mm]	Dimensions		Weight [kg]
		a [mm]	b [mm]	
108948	32	30	65	0.1
108949	40	46	76	0.3
108950	50	64	92	0.4
108951	70	66	105	0.7
108952	80	56	116	1.2
108953	100	44	114	1.1
108954	125	45	118	2.1
108955	150	61	148	2.9
108956	200	45	165	10.8

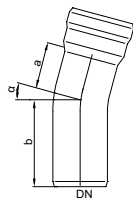
bend 45°



Part No	Outlet diameter øD [mm]	Dimensions		Weight [kg]
		a [mm]	b [mm]	
108957	32	40	75	0.1
108958	40	56	86	0.3
108959	50	76	104	0.5
108960	70	83	122	0.8
108961	80	72.5	132	1.4
108962	100	54	124	1.2
108963	125	58	131	2.3
108964	150	83	162	3.1
108965	200	166	270	13.1

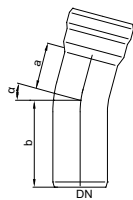
ACO GM-X PIPE

Bend 70°



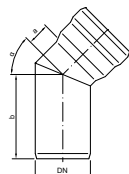
Part No	Outlet diameter øD [mm]	Dimensions		Weight [kg]
		a [mm]	b [mm]	
108966	40	75	105	0.3
108967	50	100	128	0.5
108968	70	118	157	0.9
108969	80	105	165	1.7
108970	100	74	144	1.4
108971	125	75	157	2.6
108972	150	125	205	3.7
108973	200	254	360	17.6

Bend 87°

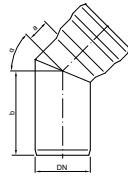


Part No	Outlet diameter øD [mm]	Dimensions		Weight [kg]
		a [mm]	b [mm]	
108974	32	69	100	0.2
108975	40	92	122	0.4
108976	50	120	148	0.6
108977	70	146	185	1.0
108978	80	134	194	2.0
108979	100	91	161	1.5
108980	125	97	179	4.5
108981	150	170	250	4.1
108982	200	330	435	22.9

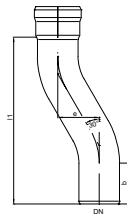
45° bend



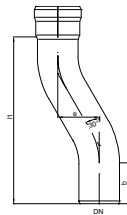
Part No	Outlet diameter øD [mm]	Dimensions		Weight [kg]
		a [mm]	b [mm]	
108983	40	20	65	0.2
108984	50	24	79	0.3
108985	70	32	91	0.6
108986	80	40	105	1.6

87° bend

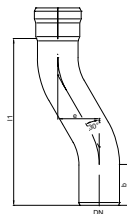
Part No	Outlet diameter øD [mm]	Dimensions		Weight [kg]
		a [mm]	b [mm]	
108987	40	33	78	0.2
108988	50	44	98	0.3
108989	70	59	117	0.7
108990	80	72	137	1.6

Offset 75mm

Part No	Outlet diameter øD [mm]	Dimensions			Weight [kg]
		b [mm]	e [mm]	l1 [mm]	
109001	100	95	75	250	1.8

Offset 130mm

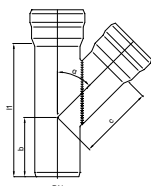
Part No	Outlet diameter øD [mm]	Dimensions			Weight [kg]
		b [mm]	e [mm]	l1 [mm]	
109002	100	95	130	300	2.2

Offset 200mm

Part No	Outlet diameter øD [mm]	Dimensions			Weight [kg]
		b [mm]	e [mm]	l1 [mm]	
109003	100	95	200	370	2.7

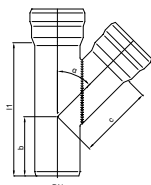
Single branches

45° single branch

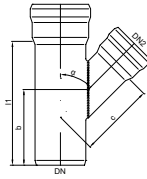


Part No	Outlet diameter øD [mm]	Dimensions			Weight [kg]
		b [mm]	c [mm]	l1 [mm]	
109004	32	55	70	125	0.2
109005	40	55	70	125	0.4
109006	50	65	90	150	0.6
109007	70	85	115	200	1.0
109008	80	97	138	235	1.8
109009	100	110	155	265	2.3
109010	125	130	210	340	5.1
109011	150	140	240	380	6.7
109012	200	190	320	500	16.8

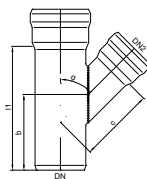
87° single branch



Part No	Outlet diameter øD [mm]	Dimensions			Weight [kg]
		b [mm]	c [mm]	l1 [mm]	
109013	32	70	40	110	0.2
109014	40	70	40	110	0.3
109015	50	80	50	130	0.5
109016	70	110	65	175	0.9
109017	80	126	75	200	1.5
109018	100	140	90	230	2.0
109019	125	170	120	285	4.3
109020	150	190	135	320	5.4
109021	200	260	170	420	13.5

45° single branch reduction

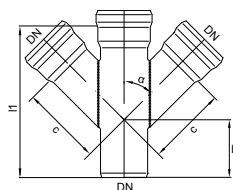
Part No	Outlet diameter øD [mm]		Dimensions			Weight [kg]
	DN	DN2	b [mm]	c [mm]	l1 [mm]	
109024	40	32	68	87	105	0.2
109025	50	32	72	95	110	0.4
109026	50	40	50	79	130	0.5
109027	70	40	60	95	150	0.7
109028	70	50	75	106	175	0.8
109029	80	50	71	117	185	1.2
109030	80	70	135	127	215	1.5
109031	100	40	65	116	180	2.7
109032	100	50	75	127	200	3.1
109033	100	70	90	136	230	3.7
109034	100	80	110	147	265	1.4
109035	125	50	75	148	225	1.5
109036	125	70	90	157	255	3.0
109037	125	80	185	169	290	3.3
109038	125	100	105	176	290	4.3
109039	150	40	129	156	200	1.8
109040	150	50	149	168	225	2.2
109041	150	70	80	177	255	6.7
109042	150	80	179	188	290	8.2
109043	150	100	95	195	290	7.9
109044	150	125	120	230	340	3.8
109045	200	50	185	212	265	3.7
109046	200	70	200	221	286	4.4
109047	200	80	215	232	325	5.9
109048	200	100	100	240	325	9.2
109049	200	125	130	274	380	10.0
109050	200	150	150	284	420	11.5

87° single branch reduction

Part No	Outlet diameter øD [mm]		Dimensions			Weight [kg]
	DN	DN2	b [mm]	c [mm]	l1 [mm]	
109051	50	40	75	46	120	0.4
109052	70	40	95	57	140	0.7
109053	70	50	100	61	150	0.7
109054	80	50	109	69	155	1.1
109055	100	40	115	72	175	1.3
109056	100	50	115	76	180	1.4
109057	100	70	125	80	200	1.6
109058	100	80	135	81	230	1.8
109296	125	50	125	91	200	2.6
109297	125	70	140	95	225	2.9
109060	125	100	155	105	255	3.4
109059	150	70	140	109	255	3.4
109061	150	100	155	119	255	3.9
109062	150	125	175	134	290	4.9

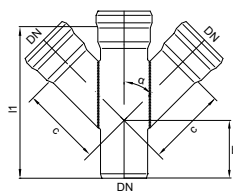
ACO GM-X PIPE

45° double branch



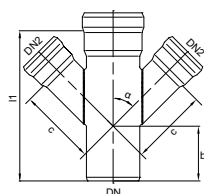
Part No	Outlet diameter øD [mm]		Dimensions		Weight [kg]
	DN	b [mm]	c [mm]	l1 [mm]	
109071	50	65	90	150	0.8
109072	70	85	115	200	1.4
109073	100	100	155	265	3.1

87° double branch



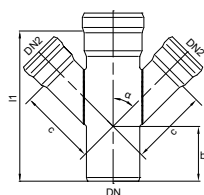
Part No	Outlet diameter øD [mm]		Dimensions		Weight [kg]
	DN	b [mm]	c [mm]	l1 [mm]	
109074	50	80	50	130	0.6
109075	70	110	65	175	1.2
109076	100	140	90	230	1.2

45° double branch reduction

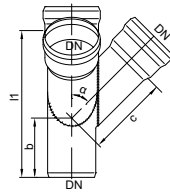


Part No	Outlet diameter øD [mm]		Dimensions		Weight [kg]
	DN	DN2	b [mm]	c [mm]	
109077	70	50	75	106	1.2
109078	100	70	90	136	2.30
109079	125	100	105	176	4.5
109080	150	100	95	195	5.1

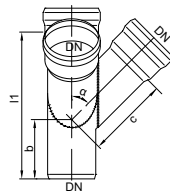
87° double branch reduction



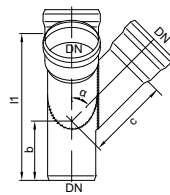
Part No	Outlet diameter øD [mm]		Dimensions		Weight [kg]
	DN	DN2	b [mm]	c [mm]	
109081	70	50	100	61	0.9
109082	100	70	125	80	1.9
109083	125	100	155	105	3.8

45° corner branch

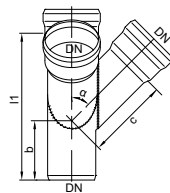
Part No	Outlet diameter		Dimensions			Weight [kg]
	DN	øD [mm]	b [mm]	c [mm]	l1 [mm]	
109084	50	50	65	90	172	0.8

70° corner branch

Part No	Outlet diameter		Dimensions			Weight [kg]
	DN	øD [mm]	b [mm]	c [mm]	l1 [mm]	
109085	50	50	70	60	130	0.6

87° corner branch

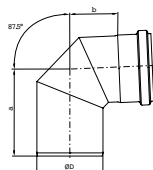
Part No	Outlet diameter		Dimensions			Weight [kg]
	DN	øD [mm]	b [mm]	c [mm]	l1 [mm]	
109086	50	50	80	50	130	0.7
109087	70	70	110	65	175	1.2
109088	100	100	140	90	230	2.7

87° corner branch reduction

Part No	Outlet diameter		Dimensions			Weight [kg]
	DN	DN2	b [mm]	c [mm]	l1 [mm]	
109089	70	50	100	61	150	1.0
109090	100	70	125	80	200	1.8

ACO GM-X PIPE

87.5° bend



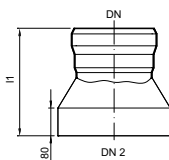
Part No	Outlet diameter øD [mm]	Dimensions		Weight [kg]
		a [mm]	b [mm]	
109091	40	35	80	0.2
109092	50	45	100	0.4
109093	70	60	120	0.7
109094	80	70	130	1.8
109095	100	91	161	1.5

Increaser coupling concentric



Part No	Outlet diameter øD [mm]		l1 [mm]	Weight [kg]
	DN	DN2		
109098	40	50	85	0.3
109099	40	70	120	0.4
109100	50	70	110	0.4
109101	50	100	160	0.8
109102	70	80	110	0.6
109103	70	100	140	0.9
109104	70	125	160	1.3
109105	80	100	140	0.8
109106	100	125	160	1.6
109107	100	150	170	1.9
109108	100	200	250	3.6
109109	125	150	150	2.3
109110	125	200	255	4.7
109111	150	200	235	4.6
109112	200	250	280	8.2

Increaser coupling concentric, without socket



Part No	Outlet diameter øD [mm]		l1 [mm]	Weight [kg]
	DN	DN2		
109113	150	250	280	5.2
109114	150	300	320	6.1
109115	200	250	280	6.1
109116	200	300	310	8.2

Increaser coupling concentric long

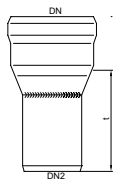
Part No	Outlet diameter øD [mm]		l1 [mm]	Weight [kg]
	DN	DN2		
109117	32	40	98	0.3
109118	32	50	125	0.3
109119	40	50	100	0.3
109120	40	70	140	0.4
109121	50	70	130	0.5
109122	70	80	135	0.8
109123	70	100	155	0.9
109124	80	100	155	1.0
109125	100	125	190	1.8
109126	125	150	170	2.4
109127	150	200	255	4.8

Increaser coupling eccentric

Part No	Outlet diameter øD [mm]		l1 [mm]	Weight [kg]
	DN	DN2		
109128	40	50	110	0.3
109129	40	70	115	0.4
109130	50	70	140	0.5
109131	50	100	157	0.8
109132	70	80	135	0.7
109133	70	100	160	0.9
109134	80	100	165	1.1
109135	100	125	182	1.8
109136	100	150	194	2.2
109137	125	150	210	2.8
109138	150	200	272	5.2

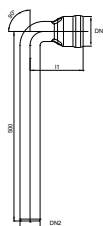
ACO GM-X PIPE

Reducer coupling concentric



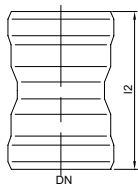
Part No	Outlet diameter øD [mm]		l1 [mm]	Weight [kg]
	DN	DN2		
109139	40	32	65	0.2
109140	50	40	72	0.2
109141	70	40	95	0.4
109142	70	50	105	0.4
109143	80	50	125	0.9
109144	80	70	120	0.7
109145	100	70	130	0.8
109146	100	80	130	0.9
109147	125	100	160	1.6
109148	150	125	220	2.8
109149	200	150	215	4.7

90° long bend

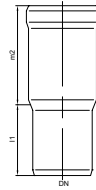


Part No	Outlet diameter øD [mm]		l1 [mm]	Weight [kg]
	DN	DN2		
109150	70	32	140	0.7
109151	70	40	140	1.3
109152	70	50	140	1.5
109153	70	70	140	2.1
109154	100	70	165	2.2
109155	100	80	159	2.5
109156	100	100	150	3.5

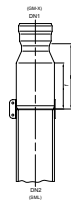
Double socket coupling



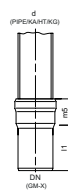
Part No	Outlet diameter øD [mm]		l2 [mm]	Weight [kg]
	DN	DN		
109157	40	40	76	0.2
109158	50	50	94	0.2
109159	70	70	135	0.5
109160	80	80	150	0.7
109161	100	100	180	1.0
109162	125	125	190	1.8
109163	150	150	200	2.1
109164	200	200	290	5.2

Expansion socket

Part No	DN	l1 [mm]	m2 [mm]	Weight [kg]
109165	40	50	70	0.2
109166	50	60	90	0.3
109167	70	70	120	0.6
109168	80	75	135	0.9
109169	100	90	150	1.3
109170	125	100	160	2.3

Connector cast iron pipe

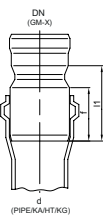
Part No	Outlet diameter øD [mm]		f [mm]	l1 [mm]	Weight [kg]
	DN1	DN2			
109175	50	50	70	95	0.3
109176	70	70	75	105	0.5
109177	70	80	75	105	0.5
109178	70	100	80	120	0.8
109179	80	80	57	74	0.6
109180	100	100	80	110	1.0
109181	200	200	140	170	3.8

Connector plastic pipe

Part No	Outlet diameter øD [mm]		l1 [mm]	m5 [mm]	Weight [kg]
	DN	d			
109182	50	50mm	52	38	0.2
109183	70	75mm	95	50	0.5
109184	100	110mm	110	57	1.0
109185	125	125mm	130	63	1.3
109186	150	160mm	150	70	1.6
109187	200	200mm	180	80	1.9

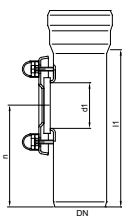
ACO GM-X PIPE

connector plastic socket pipe



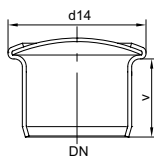
Part No	Outlet diameter øD [mm]		f [mm]	l1 [mm]	Weight [kg]
	DN	d			
109190	40	50mm	45	60	
109191	50	50mm	45	60	0.2
109192	70	75mm	60	95	0.4
109193	70	110mm	80	120	0.8
109194	80	110mm	80	115	0.9
109195	100	110mm	80	110	1.0
109196	100	125mm	80	130	1.1
109197	125	125mm	85	130	1.7
109198	150	160mm	90	150	
109199	200	200mm	110	150	4.1

Access unit

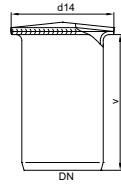


Part No	Outlet diameter øD [mm]		Dimensions		Weight [kg]
	øD [mm]	d12 [mm]	l1 [mm]	n [mm]	
109200	40	36	125	80	0.3
109201	50	45	150	95	0.5
109202	70	61	200	125	0.9
109203	80	75	210	135	1.3
109204	100	95	265	165	2.0
109205	125	128	290	180	3.7
109206	150	128	320	190	4.6
109207	200	128	420	260	9.6

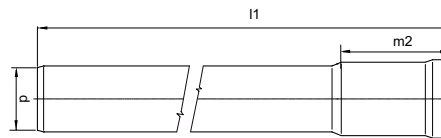
Socket plug



Part No	Outlet diameter øD [mm]		d14 [mm]	v [mm]	Weight [kg]
	DN				
109210	40		53	30	0.1
109211	50		68	38	0.2
109212	70		90	55	0.3
109213	80		110	60	0.4
109214	100		117	65	0.6
109215	125		157	75	1.1
109216	150		190	75	1.4

Socket plug

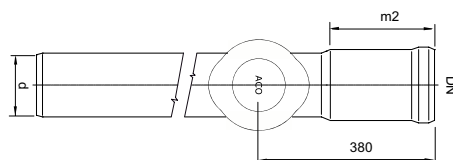
Part No	Outlet diameter øD [mm] DN	d14 [mm]	v [mm]	Weight [kg]
109217	40	53	70	0.2
109218	50	68	85	0.6
109219	70	90	100	0.5
109220	80	110	105	0.6
109221	100	117	120	0.8
109222	125	157	125	1.5
109223	150	190	125	1.8

Rain pipe

Part No	Outlet diameter øD [mm] d	Length		Weight [kg]
		l1 [mm]	m2 [mm]	
109224	50	1000	120	3.51
109225	70	1000	130	4.20
109226	80	1000	150	4.80
109227	100	1000	160	9.30
109228	125	1000	170	9.80

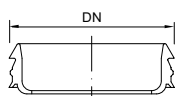
ACO GM-X PIPE

Rain pipe, with access



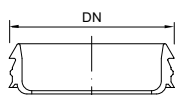
Part No	Outlet diameter øD [mm] d	Length		Weight [kg]
		l1 [mm]	m2 [mm]	
109229	50	1000	120	3.24
109230	70	1000	130	4.54
109231	80	1000	150	5.18
109232	100	1000	160	9.65
109233	125	1000	170	10.62

Seals

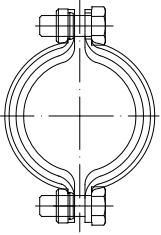


Part No	Outlet diameter øD [mm] d	Weight [kg]
109234	40	0.0
109235	50	0.0
109236	50	0.0
109237	70	0.0
109238	80	0.0
109239	100	0.0
109240	125	0.1
109241	150	0.1
109242	200	0.3

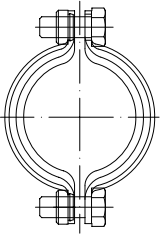
Transition seal



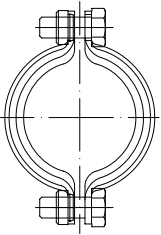
Part No	Outlet diameter øD [mm]		Weight [kg]
	d	d1	
109243	40	32	0.0
109244	50	32	0.0
109245	40	38	0.1
109246	50	38	0.1
109247	50	48	0.0
109248	100	DN100	0.0
109249	80	DN80	0.0
109250	100	110	0.0
109251	125	125	0.0

Safety clamp

Part No	For pipe diameter øD [mm]	Weight [kg]
109252	32	0.15
109253	40	0.19
109254	50	0.60
109255	70	0.46
109256	80	0.55
109257	100	0.97
109258	125	1.3

Safety clamp with release catch

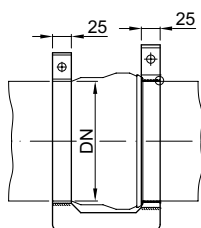
Part No	For pipe diameter øD [mm]	Weight [kg]
109259	32	0.19
109260	40	0.24
109261	50	0.30
109262	70	0.43
109263	80	0.53
109264	100	0.93
109265	125	1.22

Pipe clamp with 120mm long pin

Part No	For pipe diameter øD [mm]	Weight [kg]
109266	40	0.7
109267	50	0.11
109268	70	0.18
109269	80	0.19
109270	100	0.21
109271	125	0.27
109272	150	0.35

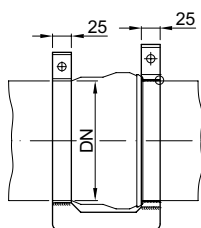
ACO GM-X PIPE

Safety bracket



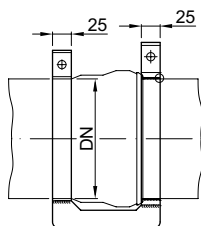
Part No	For pipe diameter øD [mm]	Weight [kg]
109273	150	1.84
109274	200	2.50

Pipe clamp with threaded hanger bolt

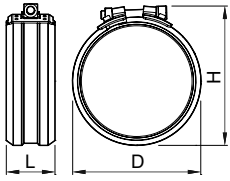


Part No	For pipe diameter øD [mm]	Thread	Weight [kg]
109275	40	M8	0.12
109276	50	M8	0.09
109277	70	M8	0.15
109278	80	M10	0.15
109279	100	M10	0.18
109280	125	M12	0.69
109281	150	M12	0.54
109282	200	M12	0.67

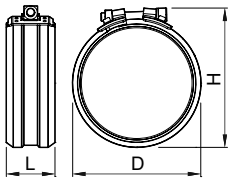
Pipe clamp with threaded bolt isolated



Part No	For pipe diameter øD [mm]	Thread	Weight [kg]
109283	40	M8	0.12
109284	50	M8	0.09
109285	70	M8	0.15
109286	80	M10	0.15
109287	100	M10	0.18
109288	125	M12	0.69
109289	150	M12	0.54
109290	200	M12	0.67

ACO GM-X - universal clamp - stainless steel

Part No	For pipe diameter $\varnothing D$ [mm]	Weight [kg]
109291	250	2.63
109292	300	2.98

ACO GM-X - rapid INOX connector - stainless steel

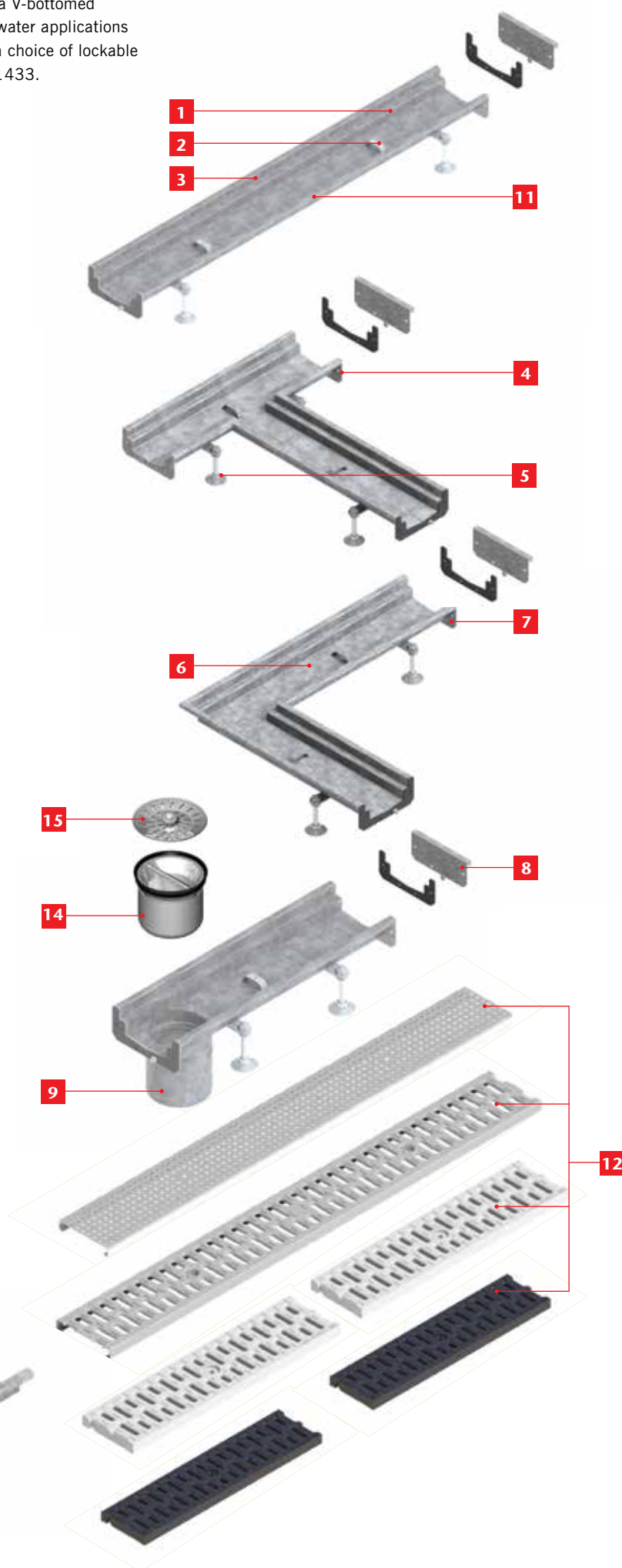
Part No	For pipe diameter $\varnothing D$ [mm]	Weight [kg]
109293	250	1.07
109294	300	1.10

ACO DeckLine 125

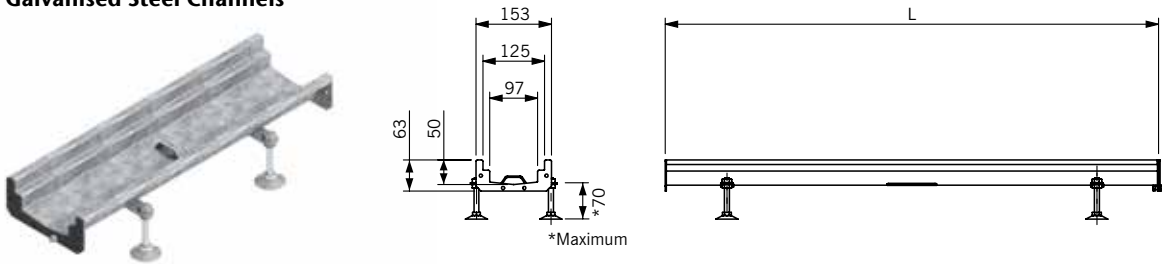
Deckline 125 galvanised steel channel features a V-bottomed channel profile to enhance efficiency in surface water applications which have a low flow rate. It is available with a choice of lockable gratings as standard and is classified to BS EN 1433.

Features and Benefits

- 1** Channels manufactured from hot-dipped galvanised steel to BS EN ISO 1461: 2009 – available in 0.5m, 1m, 2m and 3m lengths
- 2** Two locking points per metre
- 3** 50mm level invert depth ideal for car park decks or other areas where similar construction restrictions exist
- 4** Branch unit for intersecting drain runs
- 5** All channel components supplied complete with levelling feet and concrete anchors to aid installation
- 6** Corner unit
- 7** Fully welded flange plates provide watertight channel joints, 4-point channel connection security and alignment
- 8** Universal closing end plate
- 9** Convenient Ø110mm OD spigot outlet
- 10** Neoprene gasket for 100% watertight channel joint connection
- 11** Rigid PVC infill provided as standard to support channel edge in trafficked applications
- 12** Grating choice includes galvanised steel perforated, slotted, and composite black and white to Load Class C250 to BS EN 1433. All gratings supplied complete with lockings
- 13** V-bottomed channel to enhance flow velocity at low flow rates
- 14** Optional in-line Foul Air Trap (FAT) with 50mm water seal. Flow rate 1.2 l/s
- 15** Optional outlet sieve

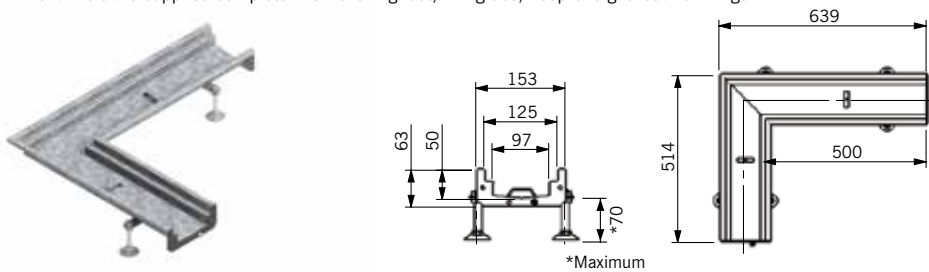


Galvanised Steel Channels



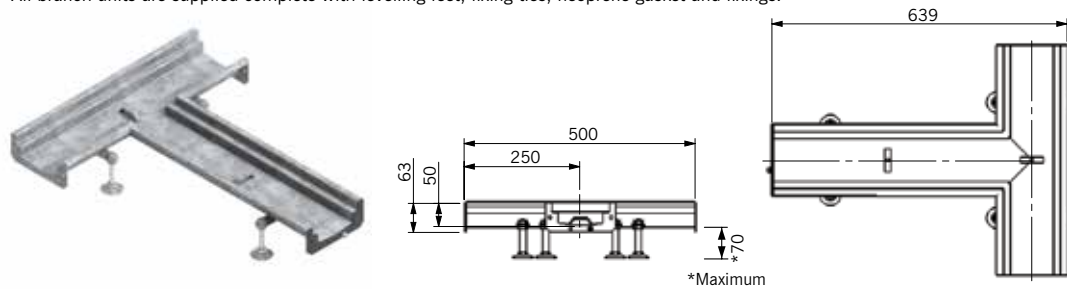
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Weight (kg)
105254	Level Invert Channel Galv Steel	500	153	63	50	2.3
105255		1000	153	63	50	3.9
105256		2000	153	63	50	7
105257		3000	153	63	50	10.2

All channels are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.



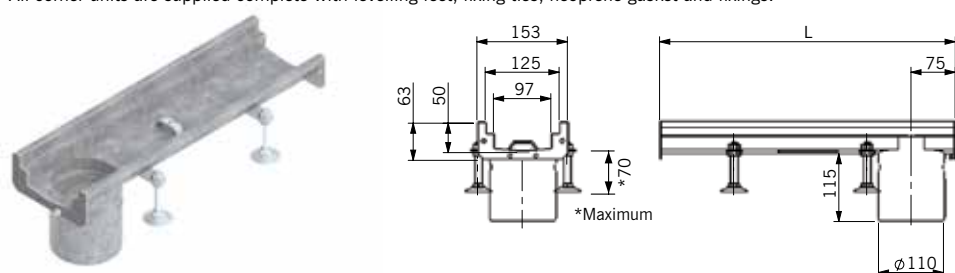
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Weight (kg)
105259	Corner Unit Galv Steel	639x514	153	63	50	4.00

All branch units are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.



Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Weight (kg)
105261	Branch Unit Galv Steel	639x514	153	63	50	3.90

All corner units are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.

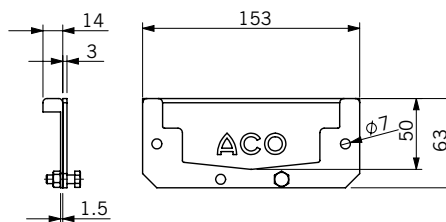


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Weight (kg)
105263	End Spigot Outlet Galv Steel	500	153	63 (+115)	50	2.90
105264		1000	153	63 (+115)	50	4.20

All spigot outlets are supplied complete with levelling feet, fixing ties, neoprene gasket and fixings.

†Spigot depth in brackets

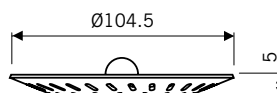
Galvanised Steel Channels



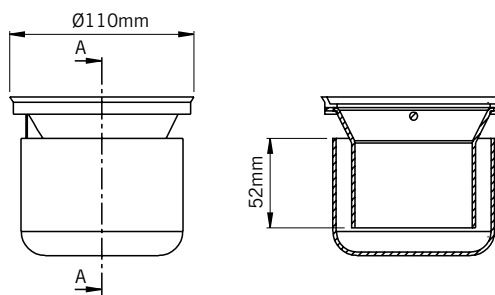
Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Weight (kg)
105251	End Plate Galv Steel	14	153	63	50	0.20

All end plates are supplied complete with neoprene gasket and fixings.

Outlet Spigot Accessories

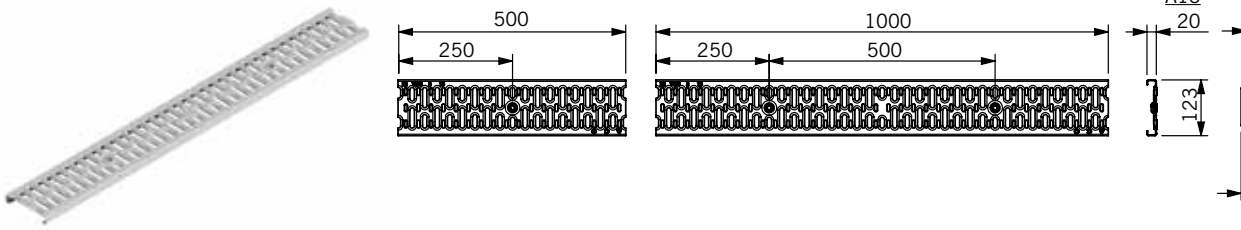


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
97235	Sieve S/S 304	-	Ø104.5	5.0	-	0.10

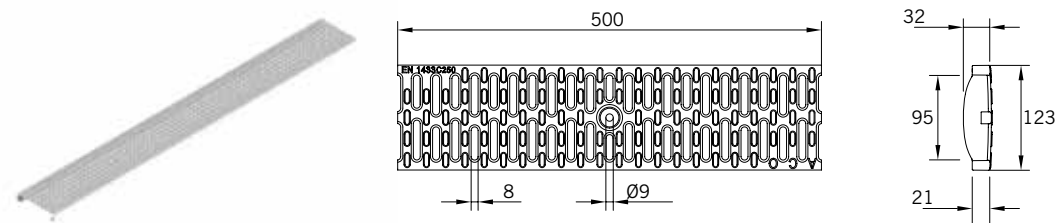


Part No	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Flow rate (l/s)	Weight (kg)
97217	Foul Air Trap (FAT) 110mm Outlet S/S 304	-	Ø108.5	91.0	1.2	0.30

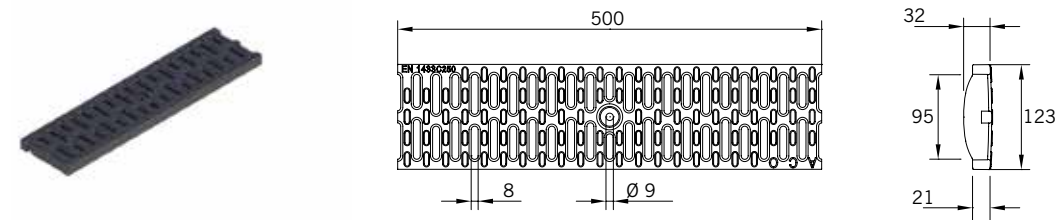
Channel Gratings



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
105522	Slotted Locked Galv Steel	-	A15	1000	123	20	2
105523		-	A15	500	123	20	1
105524		-	C250	1000	123	31	4.7
105525		-	C250	500	123	31	2.3



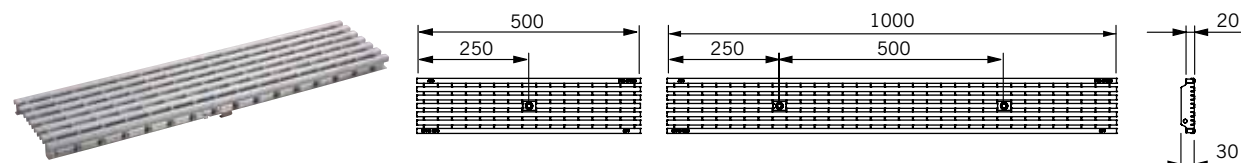
Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
105508	Perforated Locked Galv Steel	-	C250	1000	123	20	4.8
105509		-	C250	500	123	20	2.3



Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
15704	Black Composite Locked	-	C250	500	123	32	1.2

All gratings are supplied complete with locking bolts.

Channel Gratings for External Use Only



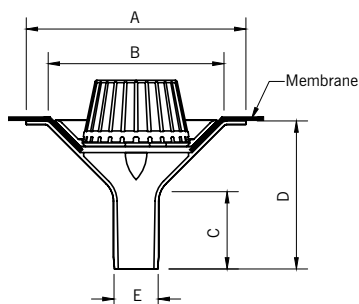
Part No	Description	Finish	Load Class	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
445488	U-Profile Grating	Galvanised	B125	1000	123	30	3.7
445489		Galvanised	B125	500	123	30	1.9

ACO Rainwater Outlets

ACO Building Drainage has a wide range of aluminium rainwater outlets which are suitable for use in a variety of commercial, industrial and residential applications.

Cost effective and durable, our range is capable of handling high flow rates to minimise the number of outlets required.

HP Vertical Spigot Outlet - Dome Grate

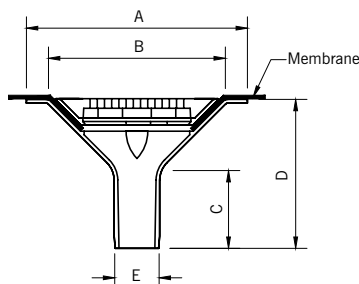


Product Dimensions (mm)

A	B	C	D	E
300	260	105	200	60
300	260	110	200	83
380	310	130	240	110
380	310	160	240	160

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105900	50HP-D	50	82	1.7	2.5
105901	75HP-D	75	240	5	2.4
105902	100HP-D	100	514	10.7	3.1
105903	150HP-D	150	725	15.1	3.6

HP Vertical Spigot Outlet - Flat Grate

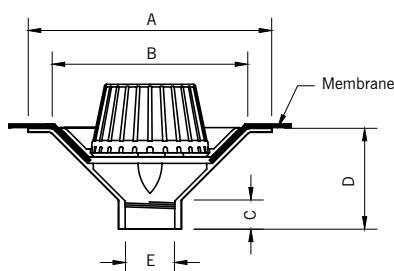


Product Dimensions (mm)

A	B	C	D	E
300	260	105	200	60
300	260	110	200	83
380	310	130	240	110
380	310	160	240	160

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105904	50HP-F	50	82	1.7	2.8
105905	75HP-F	75	240	5	2.7
105906	100HP-F	100	514	10.7	3.8
105907	150HP-F	150	787	16.4	4.2

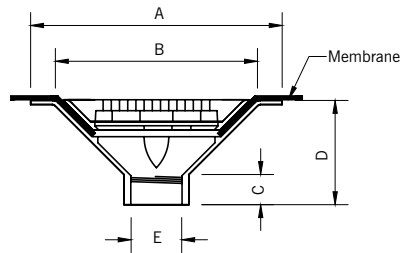
HP Vertical Screw Outlet - Dome Grate



Product Dimensions (mm)

A	B	C	D	E
300	260	45	130	2" BSP
300	260	45	130	3" BSP
380	310	45	130	4" BSP
380	310	45	130	6" BSP

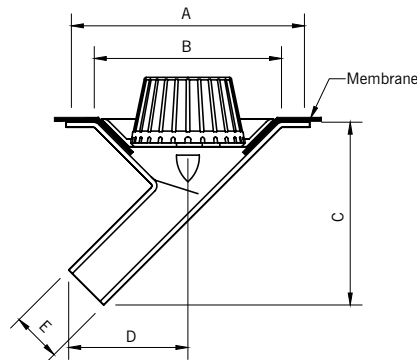
Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105908	50HP-TD	50	82	1.7	2.2
105909	75HP-TD	75	240	5	2.3
105910	100HP-TD	100	514	10.7	3
105911	150HP-TD	150	730	15.2	3.10

HP Vertical Screw Outlet - Flat Grate

Product Dimensions (mm)

A	B	C	D	E
300	260	45	130	2" BSP
300	260	45	130	3" BSP
380	310	45	130	4" BSP
380	310	45	130	6" BSP

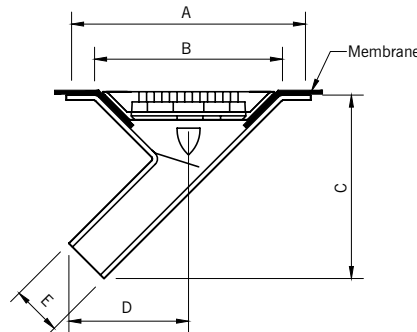
Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105912	50HP-TF	50	82	1.7	2.5
105913	75HP-TF	75	240	5	2.5
105914	100HP-TF	100	514	10.7	3.7
105915	150HP-TF	150	736	15.9	3.8

HP 45° Spigot Outlet – Dome Grate

Product Dimensions (mm)

A	B	C	D	E
300	260	245	135	60
300	260	260	160	83
380	310	275	200	110

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105916	50/45HP-D	50	82	1.7	2.9
105917	75/45HP-D	75	240	5	3.5
105918	100 45HP-D	100	422	8.8	5

HP 45° Spigot Outlet - Flat Grate

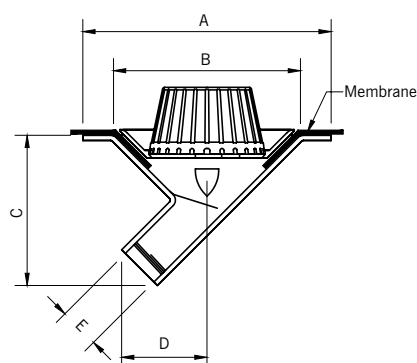
Product Dimensions (mm)

A	B	C	D	E
300	260	245	135	60
300	260	260	160	83
380	310	275	200	110

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105919	50/45HP-F	50	82	1.7	3.6
105920	75/45HP-F	75	240	5	4
105921	100/45HP-F	100	494	10.3	6.2

ACO Rainwater Outlets

HP 45° Screw Outlet – Dome Grate

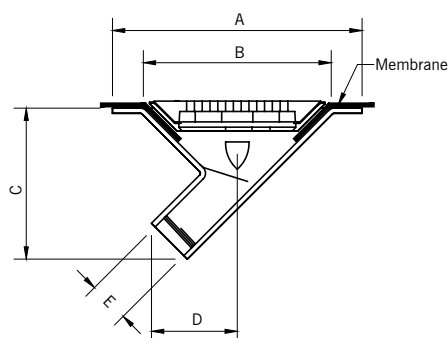


Product Dimensions (mm)

A	B	C	D	E
300	260	190	80	2" BSP
300	260	200	120	3" BSP
380	310	210	145	4" BSP

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105922	50/45HP-F	50	82	1.7	3.1
105923	75/45HP-F	75	240	5	2.6
105924	100/45HP-F	100	418	8.7	4.4

HP 45° Screw Outlet – Flat Grate

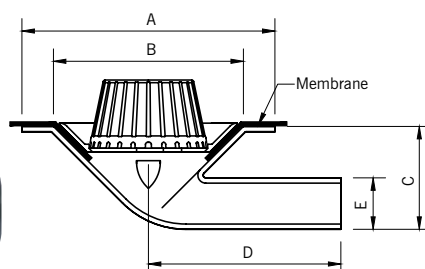


Product Dimensions (mm)

A	B	C	D	E
300	260	190	80	2" BSP
300	260	200	120	3" BSP
380	310	210	145	4" BSP

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105925	50/45HP-TF	50	82	1.7	3.5
105926	75/45HP-TF	75	240	5	3.6
105927	100/45HP-TF	100	485	8.7	5.1

HP 90° Spigot Outlet - Dome Grate

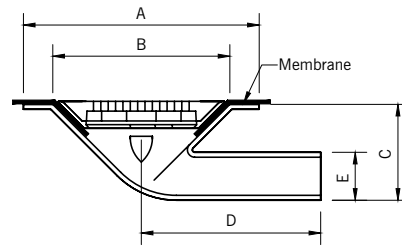


Product Dimensions (mm)

A	B	C	D	E
300	260	130	230	63
300	260	130	230	83
380	310	160	290	110

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105928	50/90HP-D	50	82	1.7	3
105929	75/90HP-D	75	240	5	3
105930	100/90HP-D	100	346	7.2	5.1

HP 90° Spigot Outlet - Flat Grate

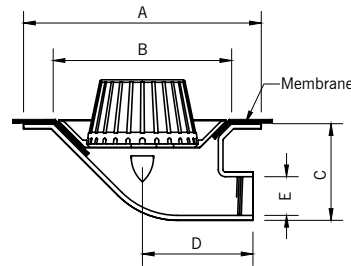


Product Dimensions (mm)

A	B	C	D	E
300	260	130	230	63
300	260	130	230	83
380	310	160	290	110

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained‡ (m2)	Flow rate† (l/s)	Weight (kg)
105931	50/90HP-F	50	82	1.7	3.3
105932	75/90HP-F	75	240	4	3.4
105933	100/90HP-F	100	398	8.3	6

HP 90° Screw Outlet – Dome Grate

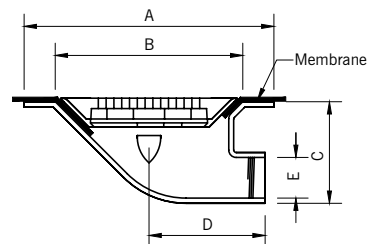


Product Dimensions (mm)

A	B	C	D	E
300	260	130	160	2" BSP
300	260	130	160	3" BSP
380	310	170	190	4" BSP
380	310	215	140	6" BSP

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained‡ (m2)	Flow rate† (l/s)	Weight (kg)
105934	50/90HP-TD	50	82	1.7	2.9
105935	75/90HP-TD	75	182	3.8	2.9
105936	100/90HP-TD	100	341	7.1	4.7
105937	150/90HP-TD	150	507	10.6	4.9

HP 90° Screw Outlet – Flat Grate



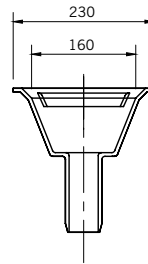
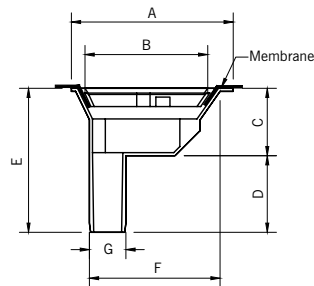
Product Dimensions (mm)

A	B	C	D	E
300	260	130	160	2" BSP
300	260	130	160	3" BSP
380	310	170	190	4" BSP
380	310	215	140	6" BSP

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained‡ (m2)	Flow rate† (l/s)	Weight (kg)
105938	50/90HP-TD	50	82	1.7	2.9
105939	75/90HP-TD	75	182	3.8	2.9
105940	100/90HP-TD	100	341	7.1	4.7
105941	150/90HP-TD	150	507	10.6	4.9

ACO Rainwater Outlets

HP Balcony Spigot Outlet – Flat Grate

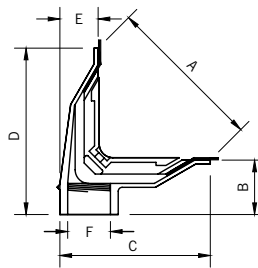
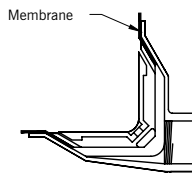


Product Dimensions (mm)

A	B	C	D	E	F	G
265	205	90	125	215	210	60
265	205	90	125	215	210	83
265	205	90	125	215	210	110

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105942	50HP-BO	50	82	1.7	2.6
105943	75HP-BO	75	240	5	2.6
105944	100HP-BO	100	345	7.6	2.8

HP Two-Way Screw Outlet – Flat Grate

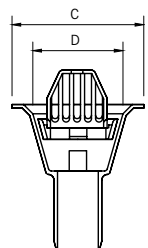
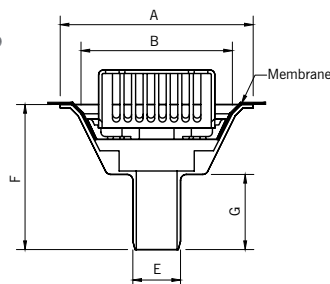


Product Dimensions (mm)

A	B	C	D	E	F
202	70	193	213	50	2" BSP
202	70	193	213	50	3" BSP
202	70	193	213	50	4" BSP

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate†		Weight (kg)
				Horizontal	Vertical	
105945	50HP-TW	50	82	1.7	1.7	2.1
105946	75HP-TW	75	197	2	4.1	2.2
105947	100HP-TW	100	374	2.4	7.8	2.2

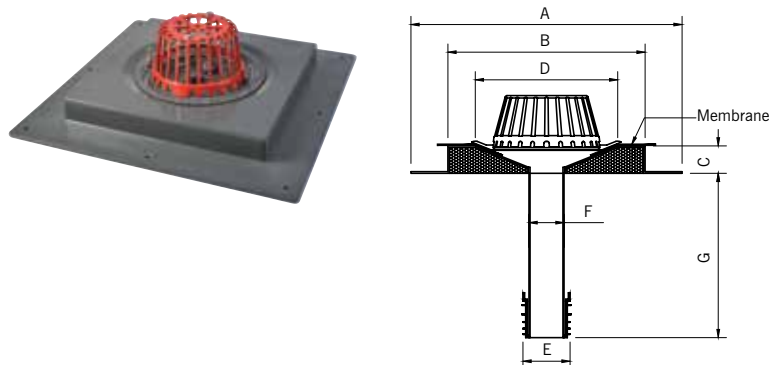
HP Gully Spigot Outlet – Dome Grate



Product Dimensions (mm)

A	B	C	D	E	F	G
345	260	240	160	80	230	125
345	260	240	160	110	230	125

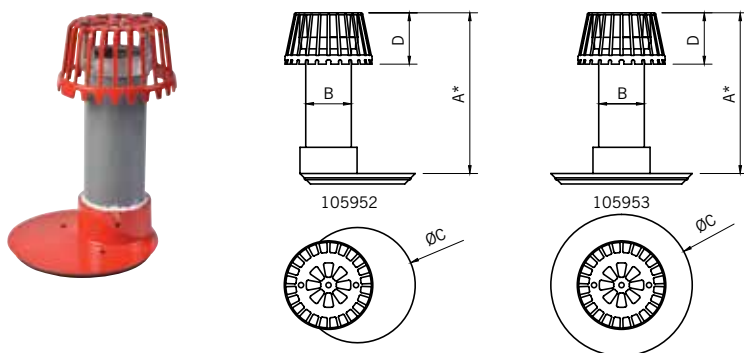
Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105948	75HP-GO	75	240	5	3.1
105949	100HP-GO	100	514	10.7	3.4

HP Gully Refurbishment Outlet – Dome Grate

Product Dimensions (mm)

A	B	C	D	E	F	G
494	354	50	236	89	64	285
494	354	50	236	114	89	285

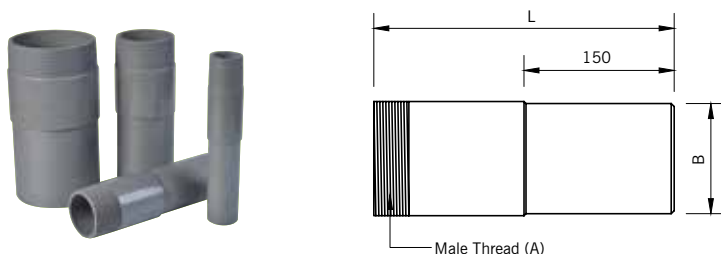
Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105950	75HP-RFO	75	240	5	7.7
105951	100HP-RFO	100	240	5	8.2

HP Overflow Outlet Module– Dome Grate

Product Dimensions (mm)

A	B	C	D
310	90	215	95
310	90	273	95

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105952	50/75HP-OF	50	-	2.4	2.2
105953	100/150HP-OF	75	-	2.4	2.7

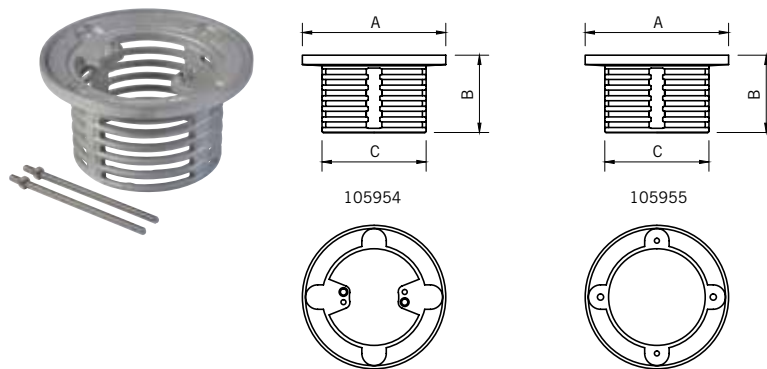
ABS Threaded Adaptors - For use with HP Screw Outlets

Part No	Product Ref	Male Thread A (BSP)	Spigot Dia B (mm)	Length L (mm)	Weight (kg)
105958	50STC	2"	55	300	0.3
105959	75STC	3"	83	300	0.6
105960	100STC	4"	110	300	1
105961	150STC	6"	160	300	1.6

Note: Longer threaded adaptors are available as a special order.

ACO Rainwater Outlets

Raising Rings for Circular Outlets

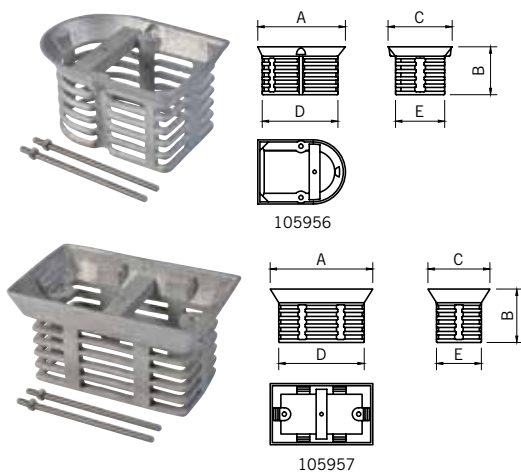


Product Dimensions (mm)

A	B	C
230	125	170
230	125	170

Part No	Product Ref	Suitable for Outlet Product Ref	Weight (kg)
105954	50/75RR	50HP-D; 75HP-D; 50HP-F; 75HP-F; 50HP-TD; 75HP-TD; 50HP-TF; 75HP-TF; 50/45HP-D; 75/45HP-D; 50/45HP-F; 75/45HP-F; 50/45HP-TD; 75/45HP-TD; 50/45HP-TF; 75/45HP-TF; 50/90HP-D; 75/90HP-D; 50/90HP-F; 75/90HP-F; 50/90HP-TD; 75/90HP-TD; 50/90HP-TF; 75/90HP-TF	1.5
105955	100/150RR	100HP-D; 150HP-D; 100HP-F; 150HP-F; 100HP-TD; 150HP-TD; 100HP-TF; 150HP-TF; 100/45HP-D; 150/45HP-D; 100/45HP-F; 150/45HP-F; 100/45HP-TD; 150/45HP-TD; 100/45HP-TF; 150/45HP-TF; 100/90HP-D; 150/90HP-D; 100/90HP-F; 150/90HP-F; 100/90HP-TD; 150/90HP-TD; 100/90HP-TF; 150/90HP-TF	1.4

Raising Rings for Balcony and Gully Outlets



Product Dimensions (mm)

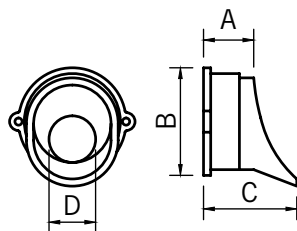
A	B	C	D	E
207	117	150	177	115
240	125	145	200	105

Part No	Product Ref	Suitable for Outlet Product Ref	Weight (kg)
105956	HPBO-RR	50HP-BO; 75HP-BO; 100HP-BO	0.8
105957	HPGO-RR	75HP-GO; 100HP-GO	1.6

Raising rings manufactured in self colour cast aluminium

Discharge Spouts

Discharge spouts provide a convenient and aesthetically pleasing finishing detail to attach to a parapet/vertical wall outlet pipe. Manufactured from LM6 aluminium silicon alloy they can be directly connected to ACO Building Drainage ABS Threaded Adaptors with a watertight seal and secured to the vertical wall using two fixing lugs. Discharge spout projection from the vertical wall's: 40mm.

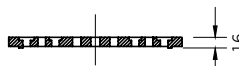
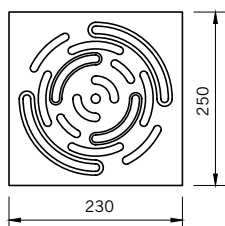
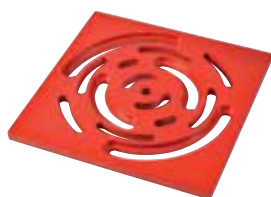


Product Dimensions (mm)

A	B	C	D
75	150	135	64
75	150	135	92
75	150	135	118

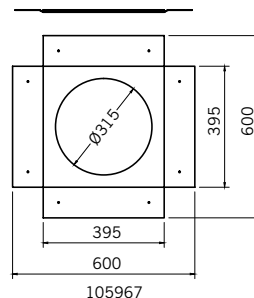
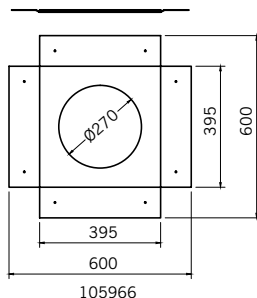
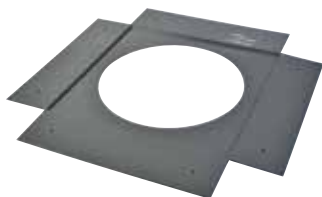
Part No	Product Ref	Description	Weight (kg)
105962	50HP-SPOUT	Discharge Spout	1.2
105963	175HP-SPOUT	Discharge Spout	1.1
105964	100HP-SPOUT	Discharge Spout	0.9

Terrace Grate for Circular Outlet Raising Rings



Part No	Product Ref	Suitable for Raising Ring Ref	Grating Size (mm)	Weight (kg)
105965	HPTG	50/75RR 100/150RR	230 x 230 x 16	1.3

Deck Supports for Circular Outlets



Part No	Product Ref	Suitable for Outlet Product Ref	Weight (kg)
105966	50/75DS	50HP-D; 75HP-D; 50HP-TD; 75HP-TD; 50/45HP-D; 75/45HP-D; 50/45HP-TD; 75/45HP-TD; 50/90HP-D; 75/90HP-D; 50/90HP-TD; 75/90HP-TD	2.2
105967	100/150DS	100HP-D; 150HP-D; 100HP-TD; 150HP-TD; 100/45HP-D; 150/45HP-D; 100/45HP-TD; 100/90HP-D; 100/90HP-TD; 150/90HP-TD	2.5

ACO FreeDeck

ACO FreeDeck is an advanced roof and balcony drainage system combining line drainage with a point drainage by using an open sided drainage channel system to collect and convey rainwater to drainage points within a raised or suspended deck structure. Rainwater is intercepted at 3 points

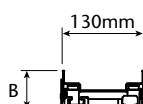
- 1) Surface run-off
- 2) Percolation within the deck
- 3) Rainwater outlet positions.

ACO FreeDeck is ideally suited for all types of flat roof and terrace construction requiring level access drainage in front of doorways, at the top of stairs or as perimeter drainage against abutments within:

- 1) Warm roof construction
- 2) Inverted Roof construction.

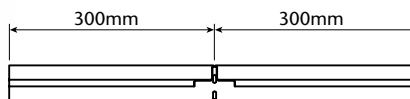
Manufactured in galvanised steel or stainless steel, ACO FreeDeck channel is simply laid directly onto the insulation layer or waterproofing membrane. Efficient drainage is provided where pavings are required to be laid "open or closed joint" improving safety for foot traffic and weathered protection of the building fabric.

Channel Gratings



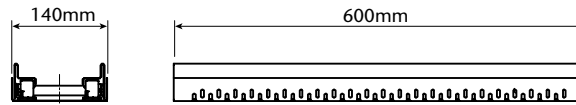
Part No	Description	Finish	Length (mm)	Width (mm)	Invert (mm)	Weight (kg)
36941	Adjustable Channel - shallow section	Galv Steel	1000	130	55 - 77	4.9
36940		Galv Steel	500	130	55 - 77	3.1
36788	Adjustable Channel - intermediate section	Galv Steel	1000	130	75 - 105	5.4
36789		Galv Steel	500	130	75 - 105	3.3
36806	Adjustable Channel - deep section	Galv Steel	1000	130	105 - 165	6.4
36807		Galv Steel	500	130	105 - 165	3.8
38145	Fixed Height Channel – shallow section	Galv Steel	2000	130	50	4
38146		Galv Steel	1000	130	50	2
38147		Galv Steel	500	130	50	1.1
36980	Fixed Height Channel – intermediate section	Galv Steel	2000	130	75	4.8
36981		Galv Steel	1000	130	75	2.65
36982		Galv Steel	500	130	75	1.5
36943	Adjustable Channel – shallow section	S/S 304	1000	130	55 - 77	4.9
36942		S/S 304	500	130	55 - 77	3.1
36836	Adjustable Channel - intermediate section	S/S 304	1000	130	75-105	5.4
36837		S/S 304	500	130	75-105	3.3
36854	Adjustable Channel - deep section	S/S 304	1000	130	105 - 165	6.4
36855		S/S 304	500	130	105 - 165	3.8
38220	Fixed Height Channel - shallow section	S/S 304	2000	130	50	4
38221		S/S 304	1000	130	50	2
38222		S/S 304	500	130	50	1.1
36985	Fixed Height Channel - intermediate section	S/S 304	2000	130	75	4.8
36986		S/S 304	1000	130	75	2.65
36987		S/S 304	500	130	75	1.5

Adjustable Corner

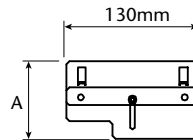


Part No	Description	Finish	Length (mm)	Weight (kg)
38634	Adjustable Corner (Adjustable Channels only)	Galv Steel	300 x 300	1.5
38634F	Adjustable Corner (Fixed Height Channels only)	Galv Steel	300 x 300	1.5
38643	Adjustable Corner (Adjustable Channels only)	S/S 304	300 x 300	1.5
38643F	Adjustable Corner (Fixed Height Channels only)	S/S 304	300 x 300	1.5

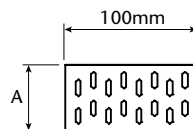
Please note that mixing stainless steel and galvanised components will result in bimetallic corrosion and is to be avoided.

Adjustable Length (Extension piece for use with Adjustable Channels only)

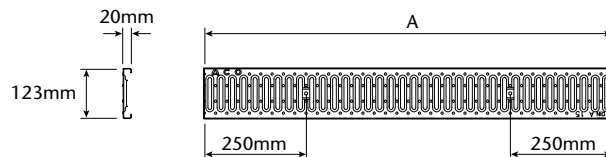
Part No	Description	Finish	Length (mm)	Width (mm)	Invert (mm)	Weight (kg)
36948	Adjustable Length - shallow section	Galv Steel	600	140	55 - 97	2.1
36790	Adjustable Length - intermediate section	Galv Steel	600	140	75 - 105	2.2
36808	Adjustable Length - deep section	Galv Steel	600	140	105 - 165	2.9
36949	Adjustable Length - shallow section	S/S 304	600	140	55 - 97	2.1
36838	Adjustable Length - intermediate section	S/S 304	600	140	75 - 105	2.2
36856	Adjustable Length - deep section	S/S 304	600	140	105 - 165	2.9

End Plates

Part No	Description	Finish	Width (mm)	Depth (mm)	Weight (kg)
36950	End Plate - shallow section (Adjustable Channels Only)	Galv Steel	130	55 - 77	0.1
36793	End Plate - intermediate section (Adjustable Channels Only)	Galv Steel	130	75 - 105	0.1
36811	End Plate - deep section (Adjustable Channels Only)	Galv Steel	130	105 - 165	0.2
36951	End Plate - shallow section (Adjustable Channels Only)	S/S 304	130	55 - 77	0.1
36841	End Plate - intermediate section (Adjustable Channels Only)	S/S 304	130	75 - 105	0.1
36859	End Plate - deep section (Adjustable Channels Only)	S/S 304	130	105 - 165	0.2



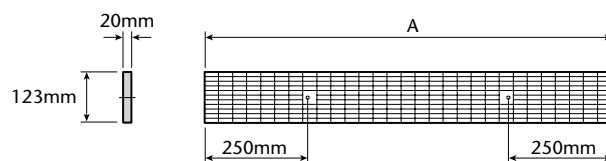
Part No	Description	Finish	Width (mm)	Depth (mm)	Weight (kg)
38148	End Plate - shallow section (Fixed Height Channels only)	Galv Steel	100	25	0.1
36983	End Plate - intermediate section (Fixed Height Channels only)	Galv Steel	100	75	0.07
38223	End Plate - shallow section (Fixed Height Channels only)	S/S 304	100	25	0.1
36988	End Plate - intermediate section (Fixed Height Channels only)	S/S 304	100	50	0.07

Channel Gratings

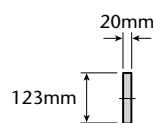
Part No	Description	Finish	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
00276	Slotted - 10mm x 80mm	Galv Steel	1000	123	20	2.2
00277		Galv Steel	500	123	20	1.1
00272		S/S 304	1000	123	20	2
00273		S/S 304	500	123	20	1

Please note that mixing stainless steel and galvanised components will result in bimetallic corrosion and is to be avoided.

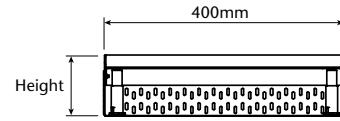
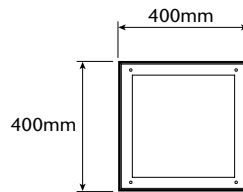
Channel Gratings



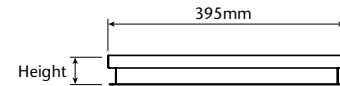
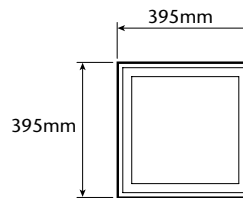
Part No	Description	Finish	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
38433	Mesh - 10mm x 30mm	Galv Steel	1000	123	20	3.3
38432		Galv Steel	500	123	20	1.7
38441		S/S 304	1000	123	20	3.1
38440		S/S 304	500	123	20	1.6



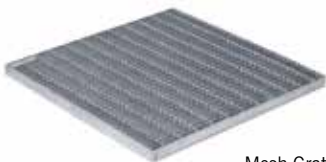
Part No	Description	Finish	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
36968	Perforated	Galv Steel	1000	123	20	2.7
36969		Galv Steel	500	123	20	1.4
38544		S/S 304	1000	123	20	2.7
38545		S/S 304	500	123	20	1.4

Access Frame

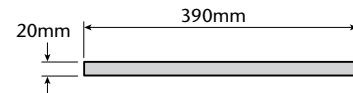
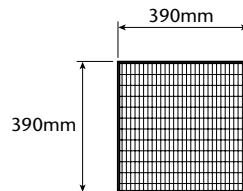
Part No	Description	Finish	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
38801	Access Frame - adjustable	Galv Steel	400	400	75 - 105	3.4
38150	Access Frame - fixed height	Galv Steel	400	400	50	1.6
38803	Access Frame - adjustable	S/S 304	400	400	75 - 105	3.4
38156	Access Frame - fixed height	S/S 304	400	400	50	1.6

Access Frame Extension

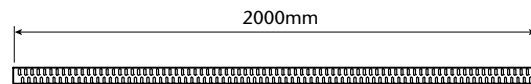
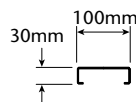
Part No	Description	Finish	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
38685	Access Frame Extension	Galv Steel	395	395	50	1.3
38687		Galv Steel	395	395	75	1.24
38686		S/S 304	395	395	50	1.3
38688		S/S 304	395	395	75	1.24

Access Grating

Mesh Grating shown



Part No	Description	Finish	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
38570	Mesh - 10mm x 30mm	Galv Steel	390	390	20	3.8
38586	Perforated	Galv Steel	390	390	20	2.72
38573	Mesh - 10mm x 30mm	S/S 304	390	390	20	3.5
38583	Perforated	S/S 304	390	390	20	2.72

Drainage Duct

Part No	Description	Finish	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
00328	Drainage Duct	Galv Steel	2000	100	30	2.7
00307		S/S 304	2000	100	30	2.7

Please note that mixing stainless steel and galvanised components will result in bimetallic corrosion and is to be avoided.

ACO Shower Channel

Sophisticated, barrier-free bathroom drainage for domestic, hotel, commercial and leisure applications where style, function and performance are pre-requisites.

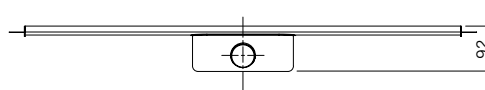
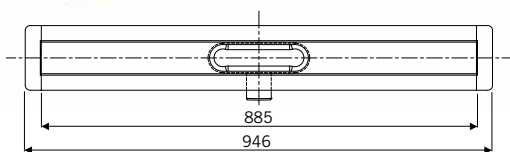
Level entry wet room showers are easier, safer and more comfortable than standard shower tray designs. They are also much easier to maintain.

ACO ShowerDrain products facilitate easy and convenient conformance to Part M Building Regulations - Access To and Use of Buildings for level access to bathrooms.

ShowerDrain C Line for Tiled Flooring



- 50mm outlet
- High flow rate 0.9l/s
- Channel supplied complete with grating
- Please add 61mm to visible length of channel to allow for bonding flange e.g. 885mm + 61mm = 946mm



Designer Gratings



Wave



Quadrato



Slot



Tile (note: tiles supplied by customer)

Grating Design S/S 304	Length = 585mm		Length = 685mm	
	Part No	Weight (kg)	Part No	Weight (kg)
Wave	404484	2.43	404485	2.63
Quadrato	404492	2.43	404493	2.63
Slot	403798	2.43	403799	2.63
Tile	408651	3.27	408652	3.53

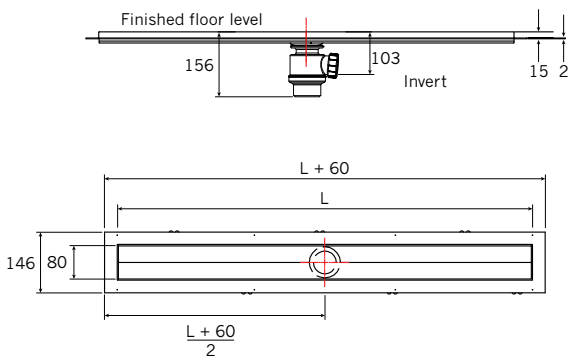
Grating Design S/S 304	Length = 785mm		Length = 885mm	
	Part No	Weight (kg)	Part No	Weight (kg)
Wave	404486	2.93	404487	3.23
Quadrato	404494	2.93	404495	3.23
Slot	403800	2.93	403801	3.23
Tile	408653	4.25	408654	4.48

Grating Design S/S 304	Length = 985mm		Length = 1185mm	
	Part No	Weight (kg)	Part No	Weight (kg)
Wave	404488	3.53	404490	4.13
Quadrato	404496	3.53	404498	4.13
Slot	403802	3.53	403804	4.13
Tile	408655	4.7	408657	5.49

Accessories

Part No	Description	Weight (kg)
91092	2" Multifit Straight Connector	0.01
91094	2" Multifit 90° Bend	0.01
90561	Replacement Screws	0.005
NM3562	Replacement Lifting Tool	0.05

Shower Channel System for Tiled Flooring (40mm Outlet)



Foul Air Trap (Foul Air Trap) 50mm Water Seal	
Part No	Weight (kg)
91095	0.5

Length = 700mm		Length = 800mm		Length = 900mm	
Part No	Weight (kg)	Part No	Weight (kg)	Part No	Weight (kg)
04435	1.5	04436	1.6	04460	1.7

Length = 1000mm		Length = 1200mm	
Part No	Weight (kg)	Part No	Weight (kg)
04441	1.9	04448	2.3

Designer Gratings



Wave



Quadrato



Intercept (slip-resistant texture)



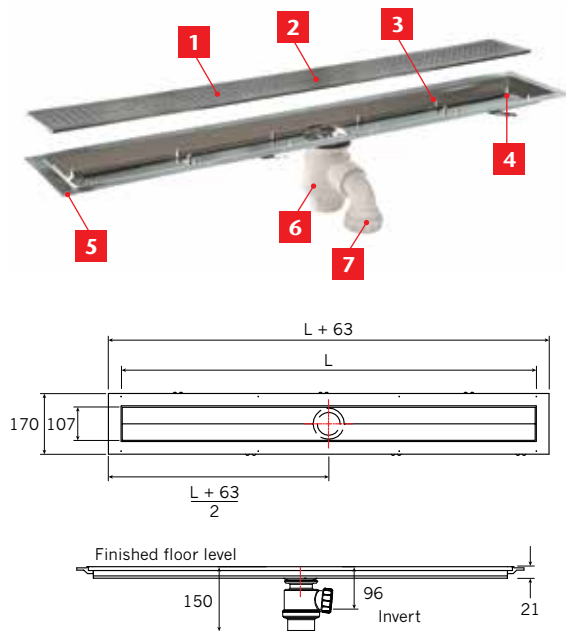
Tile (note: tiles supplied by customer)

Grating Design S/S 304	Length = 700mm		Length = 800mm		Length = 900mm	
	Part No	Weight (kg)	Part No	Weight (kg)	Part No	Weight (kg)
Wave	04449	1	04467	1.3	04461	1.4
Quadrato	04437	1.2	04438	1.3	04471	1.4
Slot	105636	1.1	105637	1.2	105638	1.3
Tile	105630	0.8	105631	0.9	105632	1.1

Grating Design S/S 304	Length = 1000mm		Length = 1200mm	
	Part No	Weight (kg)	Part No	Weight (kg)
Wave	04442	1.4	04450	1.7
Quadrato	04445	1.4	04455	1.9
Slot	105639	1.4	105640	1.7
Tile	105633	1.2	105634	1.4

ACO Shower Channel

Shower Channel System for Flexible Sheet Flooring (40mm Outlet)



- 1** Attractive finished stainless steel grating options.
- 2** Textured grating styles available for enhanced slip resistance performance.
- 3** Grating locks for user safety.
- 4** Mechanical clamping system for ultimate reliability for flexible sheet flooring.
- 5** Durable, slim profile fully welded stainless steel construction.
- 6** High flow rate, 50mm water seal 0.4 l/s trapped outlet with 40mm Multi-fit waste connection.
- 7** Easy horizontal or vertical outlet configuration.

Foul Air Trap (Foul Air Trap) 50mm Water Seal	
Part No	Weight (kg)
91095	0.5

Length = 700mm		Length = 800mm		Length = 900mm	
Part No	Weight (kg)	Part No	Weight (kg)	Part No	Weight (kg)
105781	1.8	105782	2.1	105783	2.3

Length = 1000mm		Length = 1200mm	
Part No	Weight (kg)	Part No	Weight (kg)
105784	2.5	105785	3

Designer Gratings



Quadrato finished



Quadrato slip-resistant texture



Intercept finished



Intercept slip-resistant texture

Grating Design	Max Waterway Aperture Width (mm)	Length = 700mm		Length = 800mm		Length = 900mm	
		Part No	Weight (kg)	Part No	Weight (kg)	Part No	Weight (kg)
Quadrato finished	6	105786	1	105790	1.1	105794	1.2
Quadrato slip-resistant texture	6	105787	1	105791	1.1	105795	1.2
Intercept finished	6	105788	1	105792	1.1	105796	1.2
Intercept slip-resistant	6	105789	1	105793	1.1	105797	1.2

Grating Design	Max Waterway Aperture Width (mm)	Length = 1000mm		Length = 1200mm	
		Part No	Weight (kg)	Part No	Weight (kg)
Quadrato finished	6	105798	1.4	105802	1.6
Quadrato slip-resistant texture	6	105799	1.4	105803	1.6
Intercept finished	6	105800	1.4	105804	1.6
Intercept slip-resistant	6	105801	1.4	105805	1.6

Shower Gullies

Step 1 - Select Gully Body

Gully Body for Tiled, Resin and Cementitious Flooring Applications

Part No	Description	Flow rate (l/s)	Weight (kg)
405821	50mm ADJ Horizontal Outlet	1.2	1.3
405817	50mm ADJ Vertical Outlet	1.2	2.1
405854	110mm TELE Vertical Outlet	1.2	1
402725	Grating Bezel Extension (optional)	-	0.3

Gully Body for Vinyl/Sheet Flooring

Part No	Description	Flow rate (l/s)	Weight (kg)
405819*	50mm FXD Horizontal Outlet	1.2	1.3
405815*	50mm FXD Vertical Outlet	1.2	1.6
405855*	110mm TELE Vertical Outlet	1.2	1

Step 2 - Select Bath to Wetroom Adaptor

(for Vinyl/Sheet Flooring Applications in screed or timber floors only)*

Part No	Description	Weight (kg)
405819*	50mm FXD Horizontal Outlet	1.3

Step 3 - Select Grating

Part No	Gratings for Tiled Applications	Weight (kg)
104039	Quadrato	0.3
104040	Wave	0.3
104041	Mondo	0.3
104043	Wellness	0.3
104044	Classic	0.3
104045	Arco	0.3
401183	Perforated Square	0.3
104047	Textured Slip Resistant Square	0.3

Part No	Gratings for Sheet Flooring	Weight (kg)
401185	Perforated Circular	0.3
104048	Textured Slip Resistant Circular	0.3

Step 4 - Select Accessories

Part No	Gratings for Sheet Flooring	Weight (kg)
91092	2" Multifit Straight Connector	0.01
91094	2" Multifit 90° Bend	0.01
91093	2"/1.5" Multifit Reducer	0.01

Or Select Complete Kit

Part No	Gratings for Sheet Flooring	Weight (kg)
402595	50mm ADJ Horizontal Outlet Gully with Perforated Grate and Multifit Connector, Reducer and 90° Bend – TILED applications	2.8
402593*	50mm FXD Horizontal Outlet Gully with Perforated Grate and Multifit Connector, Reducer and 90° Bend – VINYL applications	1.9



Horizontal Outlet



FAT included



Vertical Outlet



FAT included



Gully supplied separately



Quadrato



Wave



Mondo



Wellness



Classic



Arco



Perforated Square



Textured Square



Perforated Circular



Textured Circle

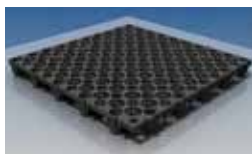
ACO RoofBloxx

ACO RoofBloxx is a complete roof attenuation system for blue, green and blue/green roofs. It enables engineers to create a blue or green roof drainage layer that gives architects the design flexibility required to create imaginative, multi-functional open green spaces at roof or podium level.

Comprising a shallow, high-strength, adjustable geocellular storage void and roof outlet flow control system, ACO RoofBloxx is fully compatible with ACO roof outlets, downpipes and surface water drainage systems. It can be used in different roof types e.g. as part of a warm roof construction.

When combined with the ACO Blue Roof Flow Restrictor, ACO RoofBloxx units can store rainwater at source to control surface water run-off. The system can also permanently store a percentage of the captured water for use in passive irrigation systems e.g. as part of a sedum roof.

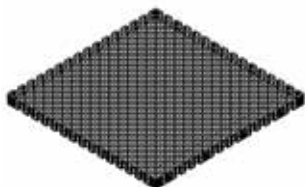
Hydraulic design guidance is provided as standard by ACO's in-house technical design team.



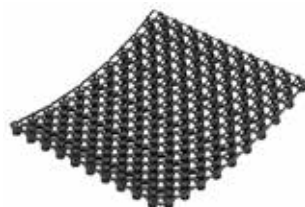
Model	RoofBloxx 50*	RoofBloxx 85	RoofBloxx 125	RoofBloxx 165
Product Code	110000	110001	110002	110003
Size (mm)	500 x 500 x 50	500 x 500 x 85	500 x 500 x 125	500 x 500 x 165
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Colour	Black	Black	Black	Black

*RoofBloxx 50 sheets used to make up Roofbloxx 85 (85mm tank), Roofbloxx 125 (125mm tank) and Roofbloxx 165 (165mm tank).

Cells

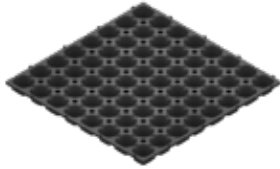


Part No	Description	Material	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
110008	RoofBloxx CELL 30mm DRAINAGECELL 500 x 500 x 30mm	Recycled Polypropylene	500	500	30	0.53



Part No	Description	Material	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
110009	RoofBloxx FLEXICELL 30mm DRAINAGE CELL 500 x 30mm	Recycled Polypropylene	500	500	30	0.5

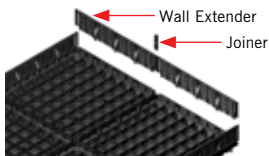
Reservoir Trays



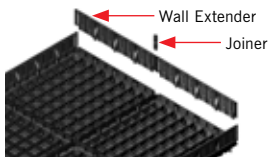
Part No	Description	Material	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
110010	RoofBloxx RESERVOIR TRAY 30mm TRAY 500 x 500 x 30mm	Recycled Polypropylene	500	500	30	0.25



Part No	Description	Material	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
110007	RoofBloxx RESERVOIR TRAY 60mm TRAY 500 x 500 x 60mm	Recycled Polypropylene	500	500	60	0.5



Part No	Description	Material	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
110005	RoofBloxx RESERVOIR TRAY 60mm EXTENDER TRAY WALL EXTENDER	Recycled Polypropylene	500	500	40	0.01



Part No	Description	Material	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
110004	RoofBloxx RESERVOIR TRAY 60mm JOINER TRAY WALL EXT JOINER	Recycled Polypropylene	500	500	40	0.1



Part No	Description	Material	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)
110006	RoofBloxx RESERVOIR TRAY 150mm TRAY 500 x 500 x 150mm	Recycled Polypropylene	500	500	150	2.5

Capillary Wick

Part No	Description	Diameter overall (mm)
110011	RoofBloxx CAPILLARY WICK 4mm DIA	4

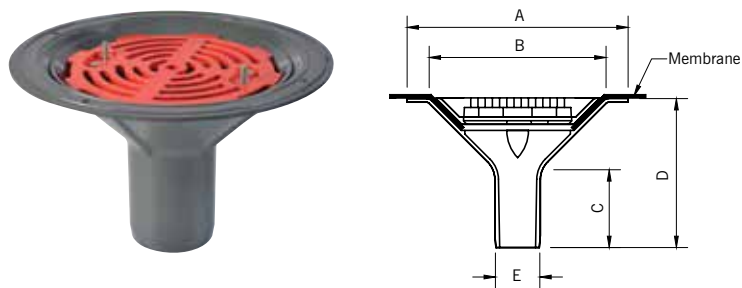
ACOTex Infiltration geotextile

Part No	Description	Material	Length overall (m)	Width overall (m)	Depth overall (mm)	Weight (kg)
27038	ACOTex Infiltration	100% UV Stabilised polypropylene geotextile	100	4	1	51

ACOTex Infiltration geotextile

Part No	Description	Material	Length overall (m)	Width overall (m)	Depth overall (mm)	Weight (kg)
27041	ACOTex Infiltration	100% UV Stabilised polypropylene	100	4	2.9	130

HP Vertical Spigot Outlet - Flat Grate



Product Dimensions (mm)

A	B	C	D	E
300	260	105	200	60
300	260	110	200	83
380	310	130	240	110
380	310	160	240	160

Part No	Product Ref	Nominal Bore Pipe Size (mm)	Area Drained† (m2)	Flow rate† (l/s)	Weight (kg)
105906	100HP-F	100	514	10.7	3.8

ACO Blue Roof Flow Restrictor



Part No	Product Ref	Diameter (mm)	Depth	Overflow
	50/75 HP Restrictor	300	3	Height to suit max storage depth
	100/150 HP Restrictor	380	3	Height to suit max storage depth
	50/75 HP Overflow	300	3	Height to suit max storage depth
	100/150 HP Overflow	380	3	Height to suit max storage depth

ACO Technologies plc Conditions of Sale

1. INTRODUCTION

These conditions shall form part of every contract of sale entered into by ACO Technologies plc ("the Company") to the exclusion of all other terms and conditions including any which the Customer may purport to impose. They may not be varied except in writing signed by an officer of the Company. No contract comes into force until the Company, having received the Customer's purchase order, issues a written acceptance to the Customer pursuant to these Conditions of Sale.

2. DEFINITIONS AND INTERPRETATION

- (a) **"Customer"** means the person, firm or company buying or agreeing to buy the Goods and/or Services from the Company.

"Contract" means the contract for supply of Goods and/or Services and comprises the Company's written acknowledgement of the Customer's order, those parts of any design or instruction given by the Customer which have been expressly accepted by the Company in writing (if applicable), the Scheduled Sales Order Agreement (if applicable), the Terms and Conditions of Scheduled Order Agreement (if applicable), the proposal document for bespoke stainless steel design work (if applicable) and these Conditions of Sale.

"Goods" means any goods agreed in the Contract to be supplied to the Customer by the Company (including any part or parts of them).

"Input Material" means any documents, plans or other materials or specifications and any data or other information provided by the Customer in whatever format relating to the Goods and/or Services.

"Output Material" means any documents, plans or other materials or specifications and any data or other information provided by the Company in whatever format relating to the Goods and/or Services.

"Services" means (if applicable) any delivery, design, manufacture, advice or installation services provided by the Company or its sub-contractors.

- (b) The headings in these Terms and Conditions are for convenience only and shall not affect their construction.
- (c) References to any statute or statutory provision shall, unless the context otherwise requires, be construed as a reference to that statute or statutory provision as from time to time amended, consolidated, modified, extended, re-enacted or replaced.

3. VALIDITY AND ACCEPTANCE

- (a) Unless previously withdrawn, the Company's quotation is open for acceptance for the period stated, or if no period is stated, 30 days. All orders (including those not based upon a quotation) must be in writing or by email and are subject to the Company's acceptance in writing. The Customer must ensure that the terms of its order and any applicable Input Material are complete and accurate.
- (b) Any representations or warranties made or given by the Company or anyone on the Company's behalf prior to the Company's acceptance of an order and not contained in the Company's written quotation are hereby expressly excluded.
- (c) All quotations are made subject to availability of the Goods or materials on receipt of the order.

4. SPECIFICATIONS

- (a) All descriptive and shipping specifications, estimates, drawings and particulars of weights and dimensions supplied by the Company are approximate only and the descriptions and illustrations contained in its catalogues, price lists and other marketing materials are intended merely to present a general idea of the goods described therein, unless otherwise stated. ACO reserves the right to change its marketing

materials from time to time without notice to the Customer.

- (b) The Company may correct any typographical or other errors or omissions in any marketing materials, quotation, written acknowledgement of the Customer's order, or other document relating to the provision of the Goods and/or Services without any liability to the Customer.
- (c) Any advice or recommendation given by the Company or its employees or agents to the Customer or its employees or agents as to the storage, application or use of the Goods and/or Services which is not confirmed in writing by the Company is followed or acted upon entirely at the Customer's own risk, and accordingly the Company shall not be liable for any such advice or recommendation which is not so confirmed.

5. SERVICES

- (a) Where the Company has undertaken to provide any Services to the Customer, the Company shall provide the Services subject to these Conditions. Any changes or additions to the Services must be agreed in writing by the Company and the Customer may be charged extra.
- (b) The Customer shall at its own expense supply the Company with all necessary documents, plans or other materials, and all necessary data or other information relating to the Services, within sufficient time to enable the Company to provide the Services in accordance with the Contract. The Customer shall ensure the accuracy of all Input Material.
- (c) The Customer shall at its own expense retain duplicate copies of all Input Material and insure against its accidental loss or damage. The Company shall have no liability for any such loss or damage, however caused. All Output Material shall be at the sole risk of the Customer from the time of delivery to or to the order of the Customer.
- (d) The Services shall be provided using reasonable care and skill and as far as reasonably possible in accordance with the Output Material, subject to these Conditions.
- (e) The Company may at any time without notifying the Customer make any changes to the Services and Goods which are necessary to comply with any applicable safety or other statutory requirements, or which do not materially affect the nature or quality of the Services and Goods.
- (f) The property and any copyright or other intellectual property rights in:
- (i) any Input Material shall belong to the Customer;
- (ii) any Output Material shall, unless otherwise agreed in writing between the Customer and the Company, belong to the Company, subject only to the right of the Customer to use the Output Material for the purposes of utilising the Services and/or Goods.
- (g) The Customer warrants that any Input Material and its use by the Company for the purpose of providing the Services and/or Goods will not infringe the copyright or other rights of any third party, and the Customer shall indemnify the Company against any loss, damages,
- (h) costs, expenses or other claims arising from any such infringement.
- (i) The Company warrants that any Output Material and its use by the Customer for the purposes of utilising the Services and/or Goods will not infringe the copyright or other rights of any third party, and the Company shall indemnify the Customer against any loss, damages, costs, expenses or other claims arising from any such infringement.

Where the Company supplies in connection with the provision of the Services, any Goods (including Output Material) supplied by a third party, the Company does not give any warranty, guarantee or other term as to their quality, fitness for purpose or otherwise, but shall, where possible, assign to the Customer the benefit of

any warranty, guarantee or indemnity given by the person supplying the Goods to the Company.

- (j) The Company shall have no liability to the Customer for any loss, damage, costs, expenses or other claims for compensation arising from any Input Material or instructions supplied by the Customer which are incomplete, incorrect, inaccurate, illegible, out of sequence or in the wrong form, or arising from their late arrival or non arrival, or any other fault of the Customer.
- (k) The Customer shall provide the Company or its sub-contractors or agents full and proper access to the Customer's site for the Company or its sub-contractors or agents to perform the Services and shall not hinder said performance in any way.

6. SUBSTITUTION

In the event of a shortage of raw materials or component parts specified in the contract for use in the production of Goods the Company shall be entitled to substitute such other materials as it shall consider reasonably fit for such purpose.

7. PRICES

- (a) Except where agreed in writing to the contrary, all prices quoted by the Company exclude carriage from the warehouse which shall be charged in addition.
- (b) All prices are subject to revision at any time (including after the Company has acknowledged the Customer's order) in the event of any increase in cost caused by circumstances beyond the Company's control and the Company reserves the right to charge such revised prices for Goods and/or Services affected by the increase and remaining to be delivered.
- (c) The Customer shall be liable for extra charges required as a result of its instructions, lack of instructions, the inaccuracy of any Input Material or any other cause attributable to the Customer.

8. PAYMENT

- (a) Unless otherwise agreed in writing, prices quoted are net of tax, which shall be payable in addition and:
- (i) payment for Goods and/or Services within the United Kingdom shall be made on the last day of the month following the month in which the Company's invoice is dated. Time for payment shall be of the essence.
- (ii) payment for Goods and/or Services outside the United Kingdom shall be made by irrevocable letter of credit deposited with a London Bank approved by the Company upon presentation of shipping documents or if the Company is unable by reason of the Customer's instructions or lack of instructions to ship Goods when ready, upon notification to the Customer that the Goods are ready for shipment.
- (b) In the event of any delay in payment the Company shall be entitled to charge interest at 4% over Bank of England minimum lending rate from time to time, accruing on a daily basis until payment is made, whether before or after any judgment. During any such period of default and at any time when the Company shall have reasonable grounds for doubting that payment will be made on the due date the Company shall be entitled to withhold deliveries on all contracts with the Customer without prejudice to its right to payment for Goods and Services delivered and for work undertaken and expenses incurred in connection with undelivered Goods and/or Services which shall become immediately due and payable on demand.
- (c) The Buyer shall make all payments due under the Contract without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise.

9. TERMINATION AND CANCELLATION

- (a) Either party may (without limiting any other remedy) at any time terminate the Contract by

giving written notice to the other if the other commits any material breach of these Conditions and (if capable of remedy) fails to remedy the breach within 30 days after being required by written notice to do so, or if the other goes into liquidation, or (in the case of an individual or firm) becomes bankrupt, makes a voluntary arrangement with his or its creditors or has a receiver or administrator appointed.

- (b) No order for Goods or Services which has been accepted by the Company may be cancelled by the Customer except with the agreement in writing of the Company and on terms that the Customer shall indemnify the Company in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Seller as a result of cancellation.

10. DELIVERY DATES

Delivery dates are estimated only and not guaranteed and are not of the essence. The Company will endeavour to meet the Customer's delivery requirements but shall not be liable for any loss or damage whether direct, indirect, consequential or otherwise (all of which terms include, without limitation, loss of profits, loss of business, depletion of goodwill and like loss) caused by the delay in delivery. Any liability of the Company for non-delivery of the Goods and/or Services shall be limited to replacing the Goods and/or Services within a reasonable time or issuing a credit note at the pro-rata Contract rate against any invoice raised for such Goods and/or Services.

11. TITLE

The Company shall retain title to Goods until payment is made in full in cleared funds in respect of all Contracts. This provision shall not prevent the Customer from selling the Goods for full consideration or embodying them in any construction or apparatus in the normal course of business but in such event (to the extent of its indebtedness to the Company in respect of Goods) it shall act as trustee for the Company of the proceeds of sale or contract price and shall at the Company's request assign the right to receive the same to the Company. The Company's failure to enforce such rights in any case shall not affect its rights in any other case. Without prejudice to the above, until payment is made in full the Customer shall store the Goods (at no cost to the Company) separately from all other goods of the Customer or any third party in such a way that they remain readily identifiable as the Company's property and the Customer grants the Company and its agents an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Customer's right to possession has terminated, to recover them.

12. RISK

Risk in the Goods shall pass to the Customer on delivery or immediately prior to off-loading from the delivery vehicle where the Customer undertakes the off-loading or immediately after loading a Customer's vehicle at our premises. If the Customer fails to take delivery or has not provided appropriate instructions, documents or authorisations, risk will pass when delivery is tendered.

13. DELIVERY

- (a) The Company may deliver the Goods and/or Services to the Customer's premises or may agree to deliver the Goods and/or Services direct to the site of any third party.
- (b) Upon the Company notifying the Customer that the Goods are ready for collection or tendering delivery of the Goods the Customer shall agree to accept delivery of the Goods forthwith. If the Company has agreed to deliver the Goods and the Customer shall fail to give proper delivery instructions or to accept delivery as aforesaid it shall be liable for all costs incurred by the Company as a result of such failure (including without limitation storage and insurance) which shall become immediately due and payable on demand but such liability shall not affect its obligation to purchase the Goods or the right of the

Company to damages for breach of such obligation.

- (c) Where the Goods and/or Services are to be delivered in instalments, each delivery shall constitute a separate contract and failure by the Company to deliver any one or more of the instalments in accordance with these Conditions or any claim by the Customer in respect of any one or more instalments shall not entitle the Customer to treat the Contract as a whole as repudiated.

14. DAMAGE TO GOODS IN TRANSIT

- (a) The Company shall have no liability in respect of Goods lost or damaged in transit unless the Customer or its agent notes such loss or damage on the delivery receipt and gives notice thereof in writing to the Company and the carrier within three days of delivery or such shorter period as may be required by the carrier's conditions of carriage or in the case of a whole consignment failing to arrive gives notice thereof in writing to the Company within three days of receipt of the Company's invoice or despatch note.

- (b) The Company's liability in respect of Goods lost or damaged in transit shall be limited to repairing or replacing such Goods.

15. GUARANTEE

- (a) All Goods sold by the Company shall be of satisfactory quality but shall not be sold as fit for any particular purpose unless the Customer shall have informed the Company in writing that it is relying upon the Company's skill and judgment and the Company shall have accepted such stipulation in writing.
- (b) The Company will repair or replace any of the Goods or parts thereof in respect of which any defects arise solely from faulty materials or workmanship or (subject to Clause 6 (Substitution) above) from the Company's failure to supply Goods of the quality or specification ordered provided that such defects are notified to the Company in writing within three months of the date of delivery provided as follows:
- (i) that in the case of defects which would have been apparent to the Customer on reasonable examination of the Goods on delivery the Customer shall notify the Company of the defects in writing within three days of the date of delivery.
- (ii) that in the case of any other defects the Customer shall notify the Company of the defects in writing within three days of the date when the defects become apparent and
- (iii) in respect of 15. (b) (i) and (ii) above, that the defective Goods are promptly returned carriage paid.

- (c) Except insofar as any statute provides to the contrary the undertakings contained in the preceding paragraphs of this Clause are given in lieu of and to the exclusion of all conditions, warranties and representations whether express or implied by statute or otherwise as to the quality of the Goods or their fitness for any particular purpose or otherwise and the Company shall have no liability in respect of the Goods and/or Services save as provided in paragraph (b) of this Clause.

16. LIMITATION OF LIABILITY

- (a) Except as expressly provided in these Conditions, the Company shall not be liable to the Customer by reason of any representation, or any implied warranty, condition or other term, or any duty at common law, or under the express terms of the Contract, for any loss of profit or any indirect, special or consequential loss, damage, costs, expenses or other claims (whether caused by the negligence of the Company, its servants or agents or otherwise) which arise out of or in connection with the provision of the Goods and/or Services or their use by the Customer, and the entire liability of the Company under or in connection

with the Contract shall not exceed the amount of the Company's charges for the provision of the Goods and/or Services, except as expressly provided in these Conditions of Sale.

- (b) Nothing in these Conditions of Sale will exclude or limit the Company's liability for death or personal injury caused by its negligence or for fraudulent misrepresentation.

17. INDEMNITY

Except insofar as any statute provides to the contrary, the Company shall not be responsible for any loss or damage suffered by any third party caused directly or indirectly by the Goods and/or Services whether as a result of their operation or use or otherwise and whether as a result of any defect therein or otherwise and the Customer shall indemnify the Company from any claim arising from any such loss or damage.

18. THIRD PARTIES

- (a) Where the Customer is selling on the Goods to others it agrees to pass to those others full and accurate information supplied by the Company concerning the Goods, including without limitation product information, specification, advice as to usage and details of all exclusions and limitations.
- (b) The parties do not intend that any term of the Contract will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.

19. FORCE MAJEUR

The Company will not be liable for any loss or damage sustained by the Customer by reason of act of God, war, riot, fire, strike, lock-out, governmental control or regulation, abnormal weather conditions, accident, breakdown or any other circumstances beyond the Company's control.

20. GENERAL

- (a) The contract shall be governed by English law and the English courts shall have non-exclusive jurisdiction to determine any dispute between the parties in connection with this Contract.
- (b) The Contract constitutes the entire agreement between the parties, supersedes any previous agreement or understanding and may not be varied except as stated herein. All other terms and conditions, express or implied by statute or otherwise, are excluded to the fullest extent permitted by law.
- (c) Any notice required or permitted to be given by either party to the other under these Conditions shall be in writing addressed to the other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving the notice.
- (d) The Customer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Company.
- (e) The Company may at any time assign, transfer, charge, mortgage, subcontract, declare a trust of or deal in any other manner with all or any of its obligations under the Contract to any third party or agent.
- (f) No failure or delay by either party in exercising any of its rights under the Contract shall be deemed to be a waiver of that right, and no waiver by either party of any breach of the Contract by the other shall be considered as a waiver of any subsequent breach of the same or any other provision.
- (g) If any provision of these Conditions is held by any competent authority to be invalid or unenforceable in whole or in part, the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected.



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- ACO Access
 - ACO Building Drainage
 - ACO Water Management
 - Civils + Infrastructure
 - Building + Landscape
 - ACO Sport
 - ACO Wildlife
-

ACO Building Drainage

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