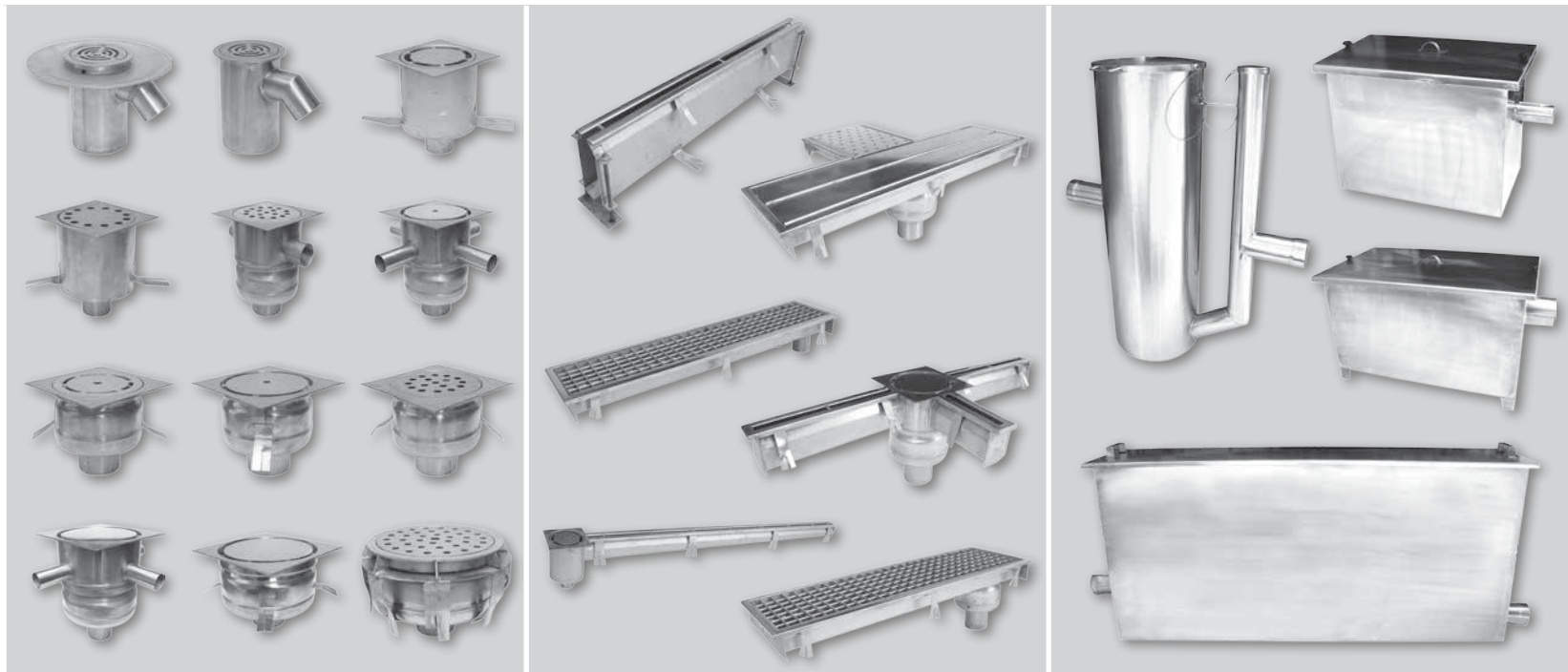


# Rofo Engineering



Manufacturers of Stainless Steel Drainage Systems & Grease Traps,  
Stainless Steel Fabrication & Machining

# Rofo Engineering

Floor Traps

Shower Traps

Grease Traps

Glass Traps

Floor Channels

Rodding Eyes

Cookers & Dryers



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## ROFO COMPANY PROFILE

Privately owned, Rofo Engineering has history of more than 30 years of successful presence at the Southern African market.

Well-established and specialized in designing and manufacturing predominately in stainless steel, Rofo attributes this success to its clear business focus, responsible management, high technical capabilities and superior products and service. Facilitating this is ROFO's well established relationship with its suppliers, together with an intimate knowledge, experience and understanding of stainless steel fabrication.

Rofo's products are made of the highest quality stainless steel resistant to acid corrosion and stain. All our products are made in our factory under careful supervision of highly qualified staff.

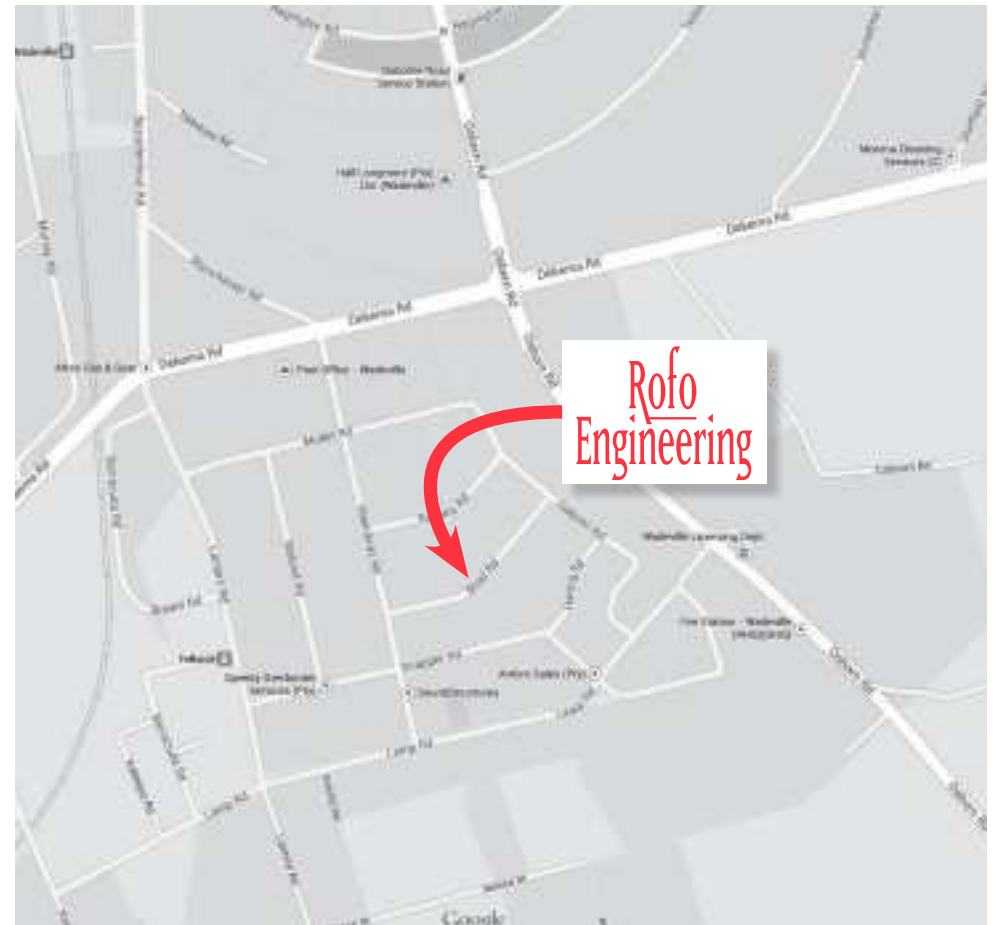
Rofo Engineering is conveniently situated in the industrial heart of Gauteng - Wadeville, 122 Shad Road. A recently built factory provides the necessary setting for manufacturing up to highest technical standards for Stainless Steel manufacturing as well as for achievement of high quality and productivity.

Well trained and friendly staff will gladly assist you with any technical or commercial query, fulfilling our mission: to remain focused on its core business of designing, manufacturing and distributing - at competitive prices - high quality products.

## CONTACT ROFO

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Website: **<http://www.rofo.co.za>**

## MAP





## ROFO DRAINAGE SYSTEMS

Rofo holds a dominant position in the designing, manufacturing and supplying a full range of stainless steel drainage systems.

All our products are originally designed to provide full sealing concept which insures odour-free operation, while specially designed smooth surfaces minimize dirt collection, ensure high flow rates and are easy to clean.

Carefully designed sludge containers are easy to access and dismantle for cleaning and all discharge pipes are fully assessable once dismantled.

The inlet and outlet sizes and directions can be manufactured according to client's specifications.

All visible surfaces are highly polished and cover openings (where applicable) can be designed to any shape required.

Units exposed to heavy load can be manufactured as Heavy Duty so they can allow extreme weight such as trucks, forklifts etc.

Design of all the products is specially adapted to African conditions and has been successfully used in a variety of applications for more than 30 years. The applications include: abattoirs, bakeries, butcheries, dairies, meat & poultry processing industry, catering and food processing industry, restaurants, fast food outlets, industrial buildings, supermarkets, wineries, non-alcoholic beverage industries, hospitals, mortuaries, sports and leisure grounds, gyms, etc.

## ROFO FABRICATION

Based on accumulated expertise in work with stainless steel, especially in the field of welding technologies, during the years Rofo has become more and more involved in manufacturing of a wide variety of components and structures for industry and mining, undertaking production to customer's specification or developed by own project management department.

Wide scope of work such as cut to size, bending, boiler making, complex shape developments, pipe and pipe-work fabrication, tanks, pots, hoppers, platforms, storage containers, stairways, tumblers, cat-ladder, grating, chutes, guards, brackets, silencers, industrial structures, tables, stands etc., made Rofo adequate partner for food processing and catering industry, water supply and water treatment plants, mines, building industry, shop-fitting, stone cladding, conveyer manufacturing, etc.

Rofo also developed a wide range of meat processing equipment: Cookers, Dryers, Trimming Conveyors, Mixers, Vacuum Mixers etc., for wide range of capacities.



## MATERIALS

All Rofo products are manufactured of Stainless Steel.

Stainless Steel is clean, durable, stain and corrosion resistant and long lasting material ideally suited for buildings with a design life expectancy of over fifty years. All stainless steel have inherent corrosion resistance but the austenitic group have greater resistance.

Rofo Stainless steel products are manufactured from high-grade austenitic stainless steel in grade AISI 304, suitable for most environments, and AISI 316 suitable for corrosive environments such as marine locations or high chloride levels (e.g. swimming pools).

## FINISH

Rofo products are chemically de-scaled (acid pickled) in order to enhance the natural corrosion resistance and provide a uniform matt silver finish. All surfaces polished and smooth for easy cleaning, minimum dirt collection and high flow rates.

Being of high quality finish Rofo products are also used where an aesthetically pleasing appearance is of paramount importance.

## QUALITY

All products are manufactured to our stringent quality control procedures.

## ROFO RANGE OF STANDARD PRODUCTS

Our range of standard products includes:

- Range of full flow floor drains (traps);
- Range of shower traps;
- Floor drainage channels made to any specification with S/S grating or specially designed covers to suite any application;
- Strip channels;
- Grating made to any specification;
- Range of grease traps;
- Glass traps

**IMPORTANT NOTE:** For the complete range of Rofo Standard Products Library of 3D Models in RFA (Ravit) and DWG (Auto CAD) format are available on Rofo official website: [www.rofo.co.za](http://www.rofo.co.za)

## ROFO FLOOR DRAINS

ROFO Floor Drains are unique Full Flow Floor Traps with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.

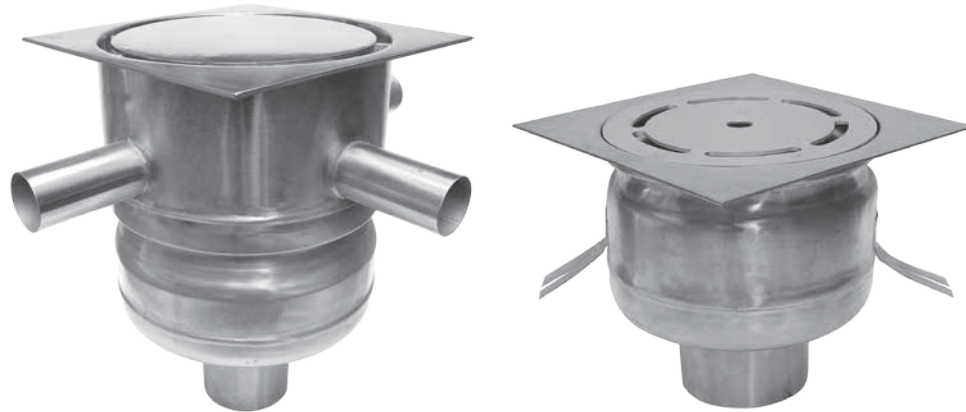
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle for cleaning.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Required Flow Rate for the application.
- Required Load Capacity.

**Floor Drains** range has been developed for use in hygiene sensitive areas and/or corrosive environments. They combine advanced design, high quality and ease of installation.

**Industrial Floor Drains** are widely used for the drainage of floor areas and/or discharge appliances in:

Food Processing Industries	Nursing Homes
Abattoirs	Hotels
Meat & Poultry Processing Industries	Hostels
Butcheries	Restaurants
Bakeries	Supermarkets
Dairy Industries	Health Gyms
Breweries	Mortuaries
Wine Industries	Pharmaceutical Industries
Beverage Industries	Mining Industries
Commercial Kitchens	Chemical Industries
Hospitals	Wash-down areas

**Industrial Floor Drains** may be provided with filter baskets to intercept discharged solids and heavy duty lids or gratings to accept fork-lift truck loadings are suitable for concrete or wooden floors with tiled or vinyl finishes.


**FLOOR DRAINS STANDARD PARAMETERS**

**Commercial Floor Drains** are used for the drainage of floor areas and/or discharge appliances in:

- Showers
- Disabled persons showers
- Toilets
- Changing rooms
- Wash-down areas (e.g. food production)
- Laboratories
- Balconies
- The Wet Bathroom Concept

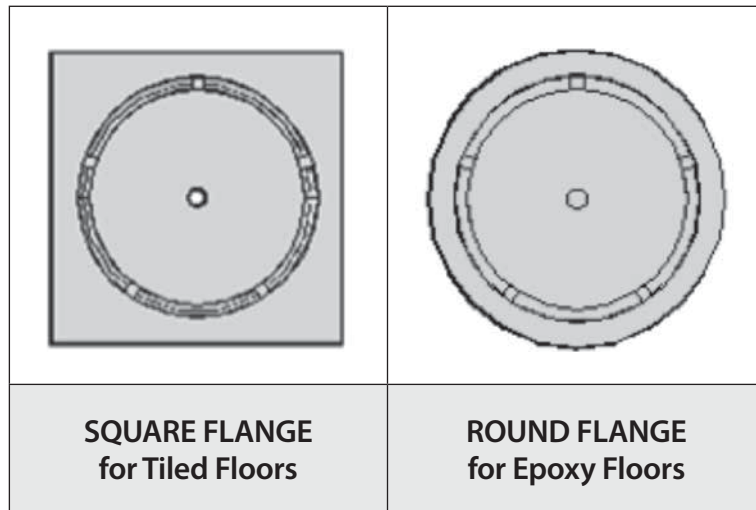
The range of Commercial Floor Drains is suitable for concrete or wooden floors with tiled or vinyl finishes.

#### Typical applications:

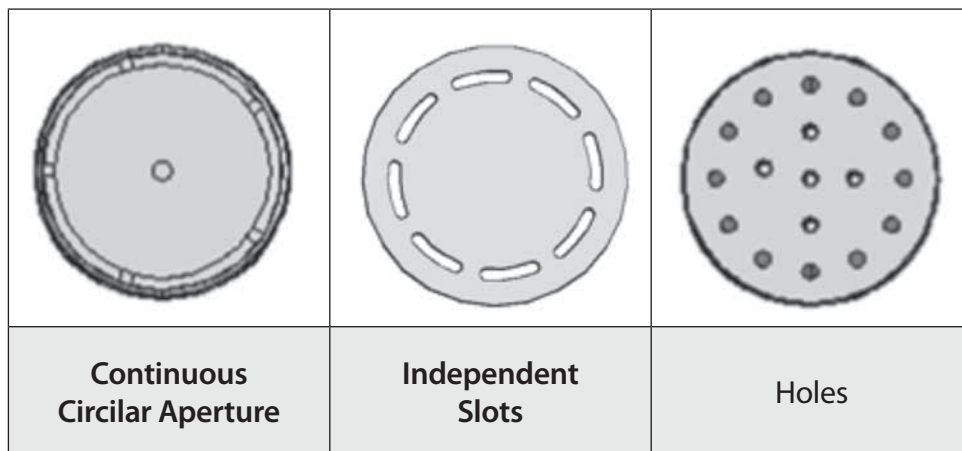
- RO 280: General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries
- RO 280 S: Same as RO280 but wherever there is a need to connect sinks directly to the floor trap under the ground.
- RO 200: Restaurants, Steakhouses, Kitchens, Dining Halls, Horse Stables, Pigsties, Nursing homes, etc.
- RO 200 S: Same as RO 200 but wherever there is a need to connect sinks directly to the floor trap under the ground.
- RO 125: Public toilets, Office Blocks Kitchenettes, Laundries etc.

Floor Drain Type	RO 125	RO 200	RO 280
Drain Nominal Size	125mm	200mm	280mm
Bottom Outlet Position	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Bottom Outlet Nominal Size	NW 50 (mm)	NW 100 (mm)	NW 100 (mm)
Extension for Side Inlets	N/A	1, 2, 3 & 4 Side Inlets	1, 2, 3 & 4 Side Inlets
Top Flange Type	Round / Square	Round / Square	Round / Square
Top Cover Plate Type	Slots / Holes	Circular / Slots / Holes	Circular / Slots / Holes
Flow Rate	0.8 l/sec	3 l/sec	4.5 l/sec
Load Capacity	400 kg	1 000 kg	1 500 kg
Odour Free Operation Seal	Single Water Seal	Double Water Seal	Double Water Seal

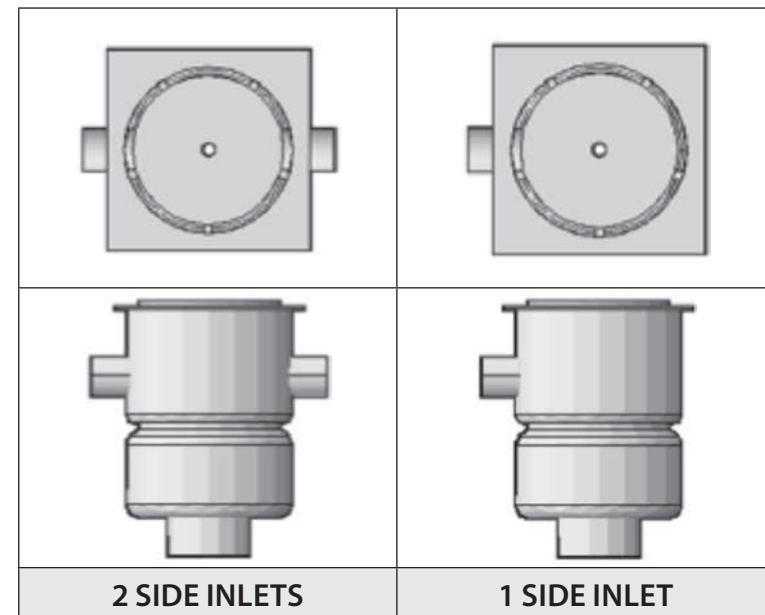
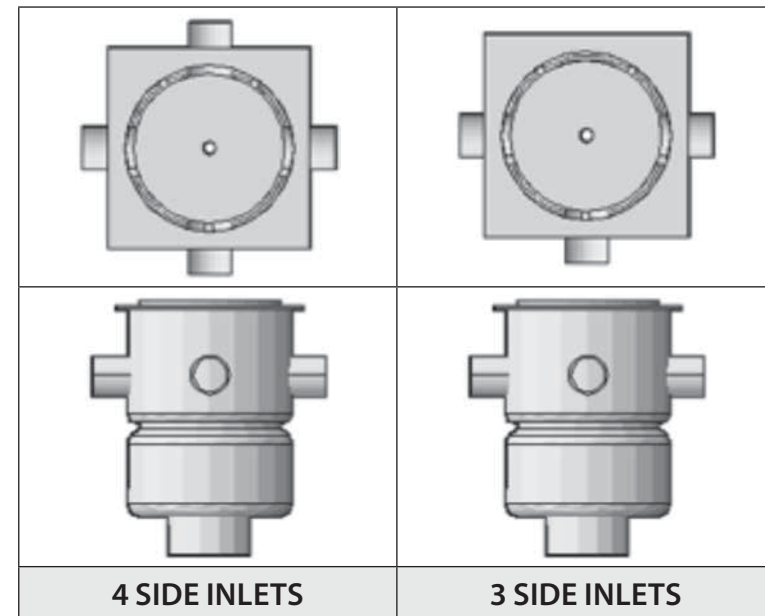
## TOP FLANGE TYPE



## TOP COVER PLATE TYPE



## TOP FLANGE TYPE



**Note:** Top cover Plate can be manufactured with any opening if requested.

**Note:** Position of the side Inlets can be manufactured for any position if required.

## ROFO FLOOR DRAINAGE CHANNELS

Floor drainage channels are required wherever surface liquids have to be drained from the wide area of floor and especially at the Wash-down areas (e.g. food production and kitchens).

Standard Channels are designed with the bottom slope of 1/100 and do not require slope of the floor for draining. In combination with the appropriate floor drains at the channel outlet full drainage effect is achieved. Position of the outlet can be central or side depending on the channel layout.

Standard Drainage Channels are supplied with Standard **ROFO** Stainless Steel Grating cover, but they can also be supplied with any other type of cover for special applications. However, regardless of type of cover used they are all designed to be durable enough to carry normal traffic.

On request channels can be also equipped with mesh trays to prevent solid particulars to get into a channel. This is recommended especially if floor drains are not implemented.

Drainage channels are easy to clean and fully visible inside, which makes them easy for maintenance.

Drainage Channels are manufactured to any layout.



## ROFO STRIP CHANNELS

Strip channels have same or similar use as Drain Channels, with the difference that top (surface) opening is much smaller which makes them more suitable for industrial use as they do not obstruct internal transport. They are also very convenient for use at public places (toilets, health gyms, swimming pools, hospitals etc.).



## ROFO GREASE TRAPS

### Process Description

Grease Traps separate low viscosity mineral liquids (oil and fat) that are not soluble in water. Need to separate these substances is to prevent them from entering the drainage system where they cause serious blockages.

Furthermore these substances once allowed to enter the natural soil drainage system, are endangering ecological system. Also oil floating on the top of the wastewater prevents the correct operation of the sewage treatment plants.



Grease trap method of operation relies on the principle that the density of the liquids are different, keeping fat and oil on the top of the water.

Special design and position of the baffle plates inside the trap provides draining from the bottom, keeping unwanted substances on the top of the drain.

Some bigger models are equipped with the valves on the level of grease accumulation in order to discharge it from the trap without emptying the system.

Grease traps are equipped with the strainer, which collects larger solids or garbage in order to prevent blockage of outlet pipes and gullies. These strainers are manufactured with different sizes of outlet holes depending on use.

The Grease Traps are installed into a waste water line before gullies and they can be positioned inside or preferable outside the room allowing thoroughly cleaning and eliminating smell and mess associated with that.

Standard range of the ROFO Grease traps is designed to cover all requirements of the standard applications.

### Regular Maintenance Principals

As explained in the Process Description and Method of Operation, the main use of the Grease Traps is to separate OIL & FAT from the water or any other working liquid.

From that point of view, the ideal working media would be-just a mechanical mixture of such components.

Unfortunately, in reality in the working conditions where the Grease Traps are used, the working media incorporates many other components including mechanical particles of the organic and non-organic source.

In order to prevent these mechanical components to enter the sewerage systems and block them, Grease Traps incorporate the mechanical drainage components that keep all the mechanical parts bigger than the design size, stay inside the G/T.

Therefore, in order to keep G/T functioning as per designed standards, it is required to perform regular maintenance, based on the following main activities:

- Empty the accumulated sediments
- Empty the accumulated oil and grease
- Keep feed and discharge connections and pipe lines at the design flow rate
- Keep the Perforated drainage parts of the Grease Trap at the design flow rate

It is impossible to create a universal timing schedule for the maintenance of Grease Traps, because it depends of their usage. User has to follow up and establish such timing based on the realistic working conditions.

However the main rule is not to allow Grease Traps to get blocked, so their main function is not prevented.

### Maintenance Procedures

The following basic steps are to be performed during the cleaning process of the Grease Trap:

- Remove the fastening Star Bolts from the G/T Lid (where applicable);
- Lift the G/T Lid, and turn it around so the top face of the lid is facing the floor, in order to prevent dripping;
- Wash and clean the G/T Lid Inside and outside;
- Remove G/T Basket (Baskets) and empty them into adequate waste bin;
- Clean the G/T Baskets of all the sediments, inside and outside;
- **IMPORTANT NOTE:** Collected waste and sediments MUST NOT be washed in to the sewerage or any other drainage system, but it must be sent to the proper deposition yard.

- Wash all the G/T Baskets, making sure that perforated draining areas are clean and that holes are not blocked;
- Clean the G/T Tank of all the sediments. Make sure that discharge and feed pipe connections are also cleaned and that they have free flow;
- Wash the G/T tank inside and outside;
- **IMPORTANT NOTE:** Where applicable open all the valves (Discharge, Overflow etc.) and wash them thoroughly.
- Inspect G/T Tank and Baskets for cracks and damages and repair if necessary in order to prevent leaking;
- Place the G/T baskets in to the G/T tank, making sure that they are properly positioned at the basket seats;
- Put the G/T Lid on to the G/T Tank and fasten the Star Bolts (Where applicable)

## Standard Rofo Grease Traps

Grease Trap Model	Nominal Flow Rate
ROGT 500	1.5 lit/sec
ROGT 700	4.5 lit/sec
ROGT 400	4.5 lit/sec
ROGT 1700 - 3 Compartment	4.5 lit/sec
ROGT 2000/2	2.0 lit/sec
ROGT 2000/ 4	4.0 lit/sec
ROGT 2000/7	7.0 lit/sec
ROGT 2000/10	10.0 lit/sec

## Selection of Grease Traps

The following procedure is recommended for sizing grease traps to suit requirements of specific fixtures.

Determine cubic content of fixture <b>(Length x Width x Depth)</b>	$1.2 \times 0.6 \times 0.3 = 0.216 \text{ m}^3$
Determine actual drainage load (The fixture is normally filled to <b>±75%</b> of capacity)	$1000 \times 0.75 \times 0.216 \text{ m}^3 = 162 \text{ lit}$
Select the drainage period - actual time required to completely drain the fixture <b>Recommended: 1 Min</b> <b>Acceptable: 2 Min</b>	1 Min = 60 sec 2 Min = 120 sec
Calculate Flow Rate	1 Min: $162/60 = 2.7 \text{ lit/sec}$ 2 Min: $162/120 = 1.35 \text{ lit/sec}$
Select Grease Trap which corresponds to the calculated flow rate <b>Note:</b> Select next larger size when flow rate falls between two sizes listed	1 Min: ROGT 700 2 Min: ROGT 500



All information and recommendations contained in this publication are to the best of our knowledge correct. Since conditions of use are beyond our control, users must satisfy themselves that products are suitable for the intended processes and uses.

No warranty is given or implied in respect of information or recommendations or that any use of products will not infringe rights belonging to other parties. In any event or occurrence our liability is limited to our invoice value of the goods delivered by us to you. We reserve the right to change product design and properties without notice.

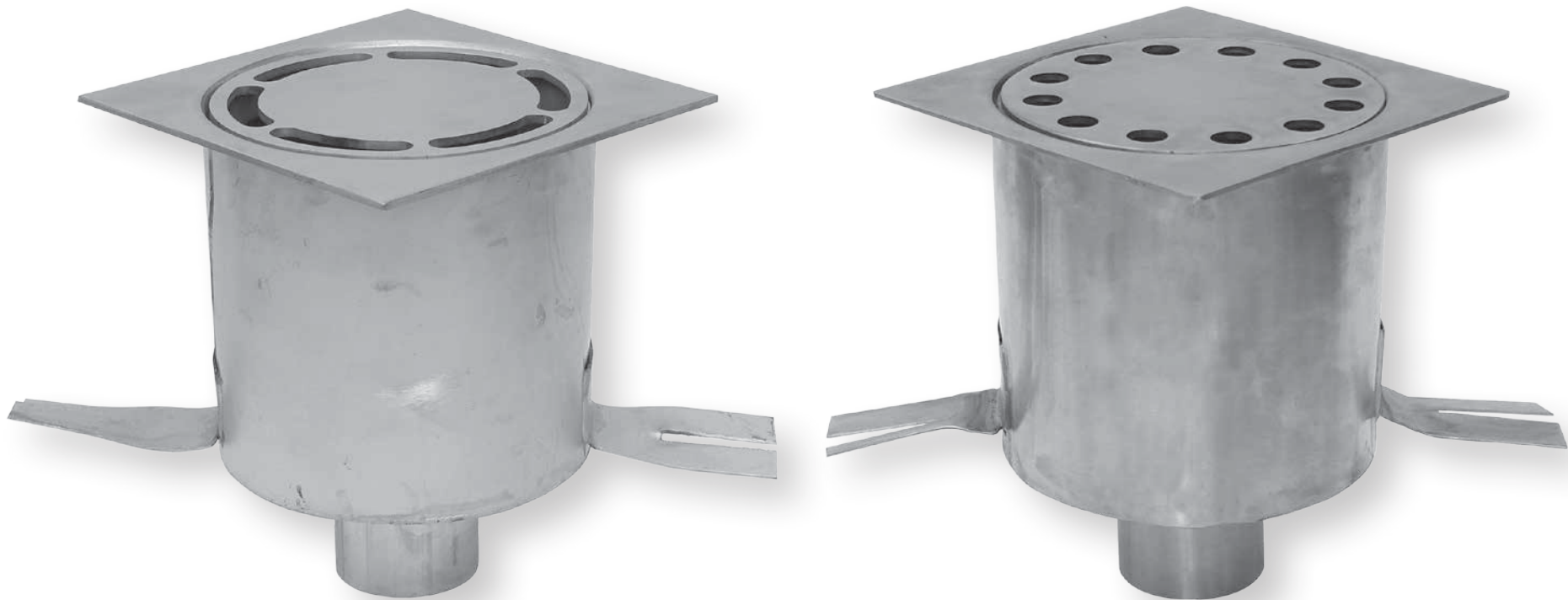
# Rofo Engineering

## **FLOOR DRAINS RO 125**

- ***RO 125V NW50***
- ***RO 125H NW50***
- ***RO 125V NW50 Funnel Type Drain***
- ***RO 125H NW50 Funnel Type Drain***

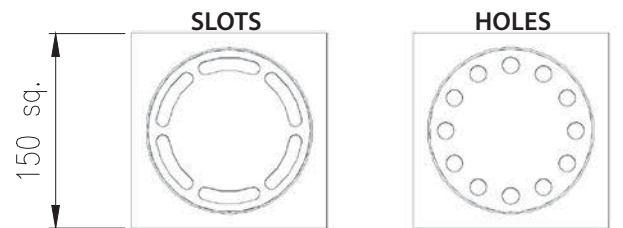
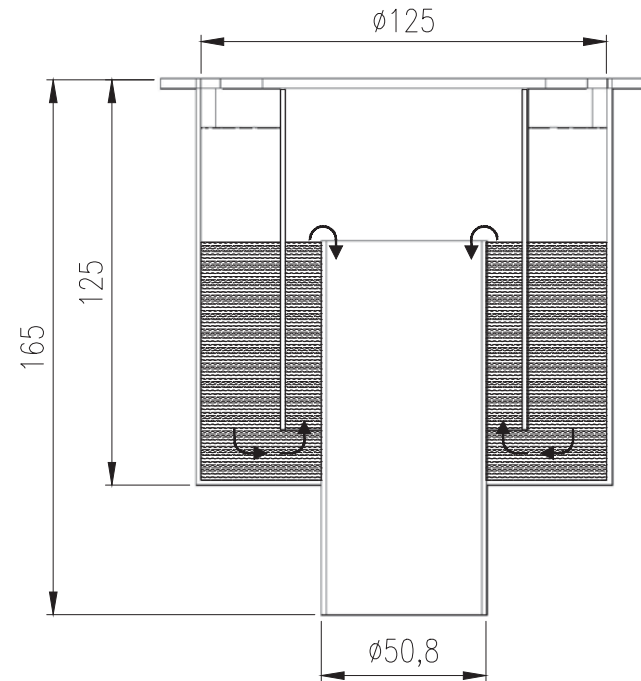
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## FLOOR DRAINS RO 125 RANGE

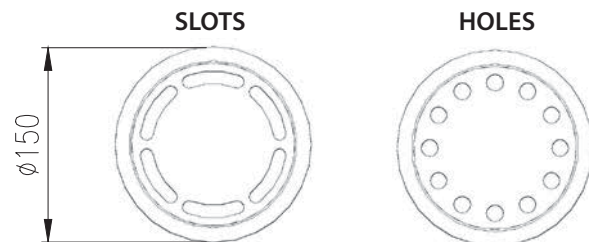




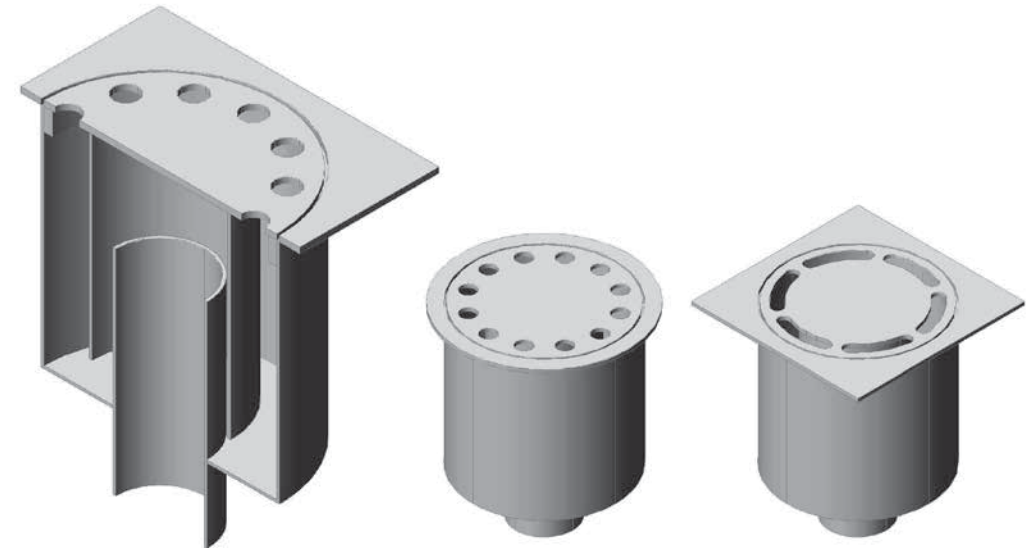
# RO 125V NW50



**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**



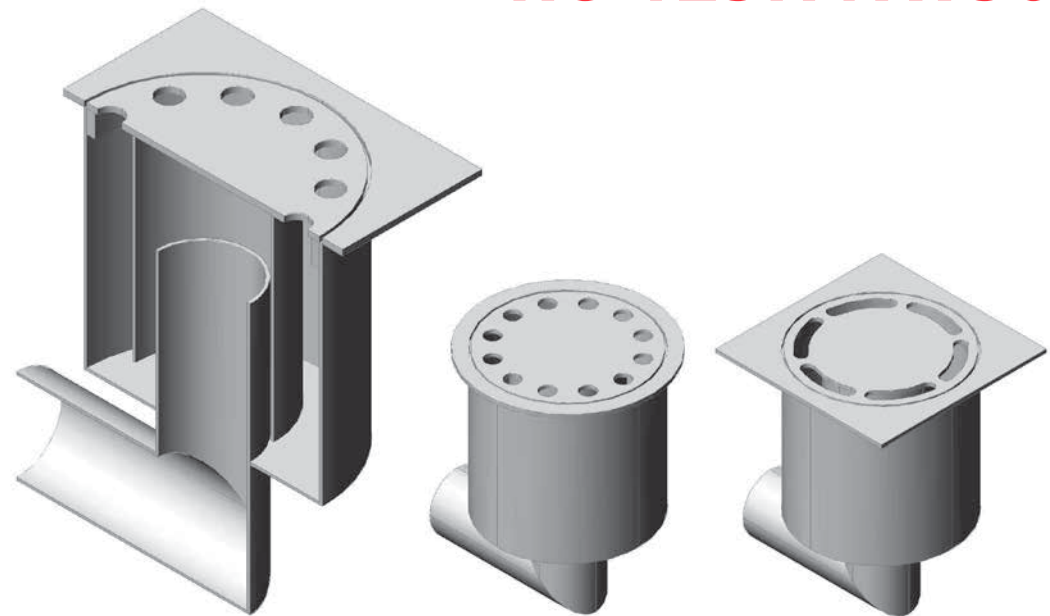
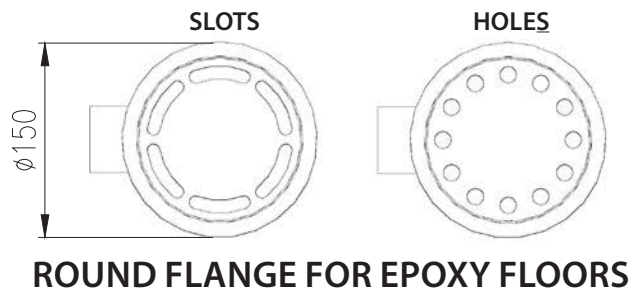
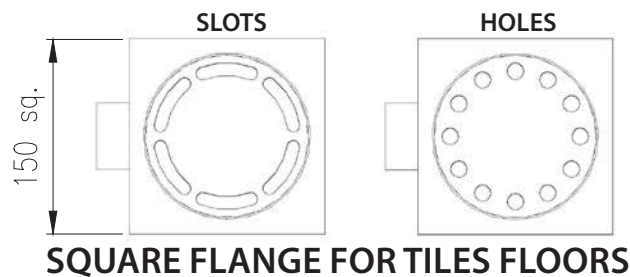
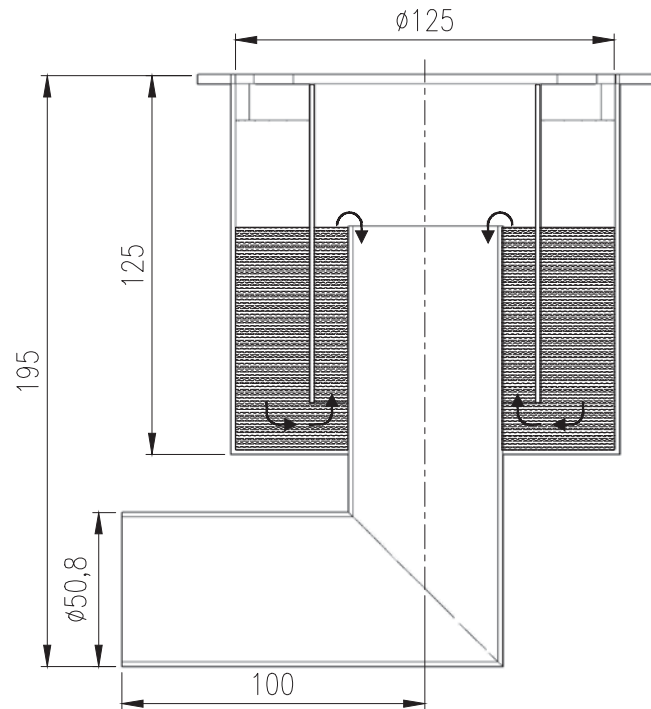
## RO 125V NW50

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Slots / Holes - as requested
  - Flow Rate 0.8l/sec
  - Load Capacity 400 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 50.8mm

**TYPICAL APPLICATIONS:** Public toilets, Office Blocks Kitchenettes, Laundries etc.

**NOTE:** Floor finish to be specified.

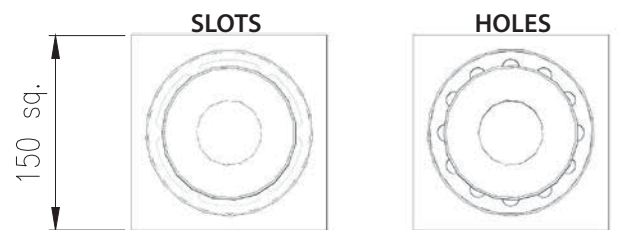
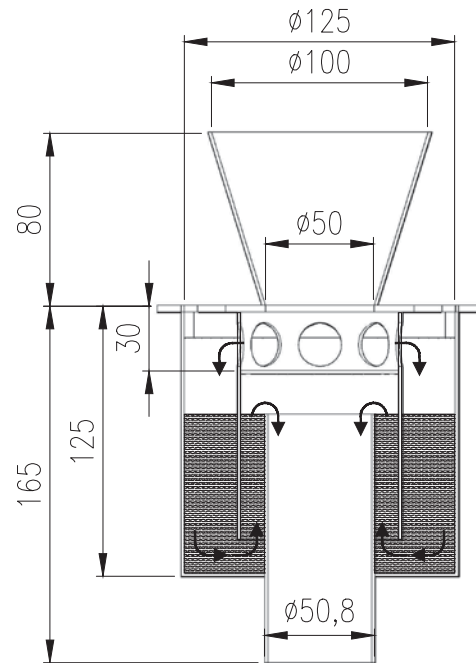
**RO 125H NW50****RO 125H NW50**

Unique Full Flow Floor Trap with the following features:

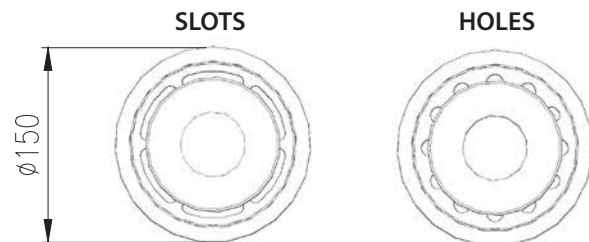
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Slots / Holes - as requested
  - Flow Rate 0.8l/sec
  - Load Capacity 400 kg
  - Outlet position Bottom Horizontal
  - Outlet pipe Outside Diameter 50.8mm

**TYPICAL APPLICATIONS:** Public toilets, Office Blocks Kitchenettes, Laundries etc.

**NOTE:** Floor finish to be specified

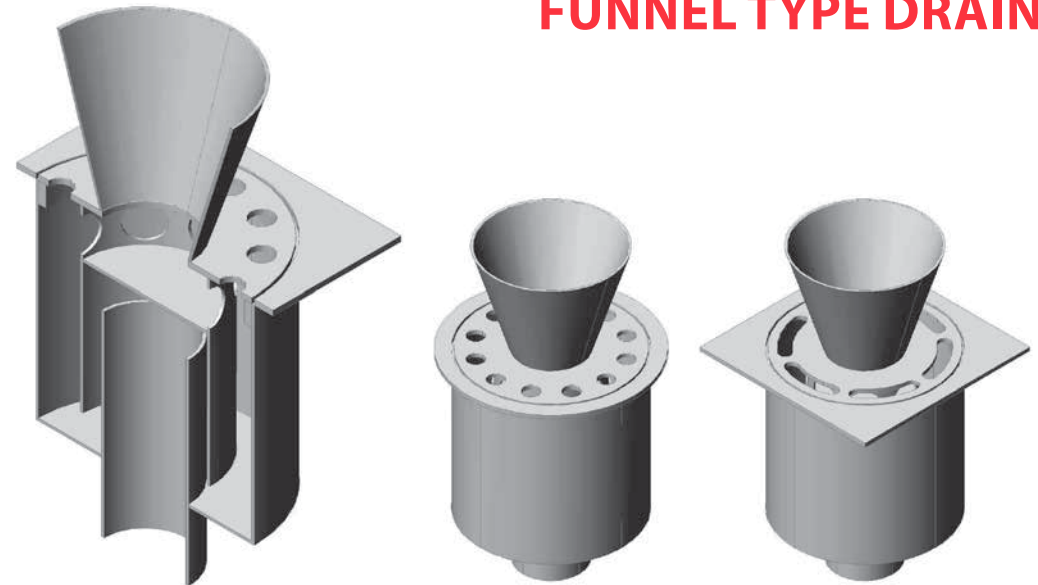


**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**

## RO 125V NW50 FUNNEL TYPE DRAIN



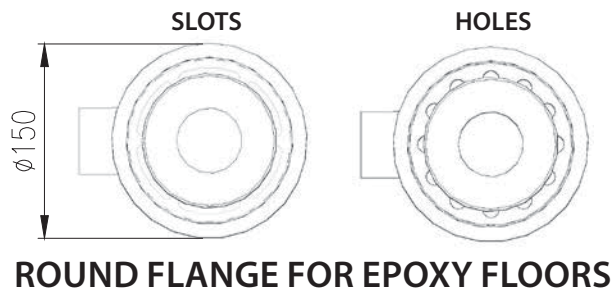
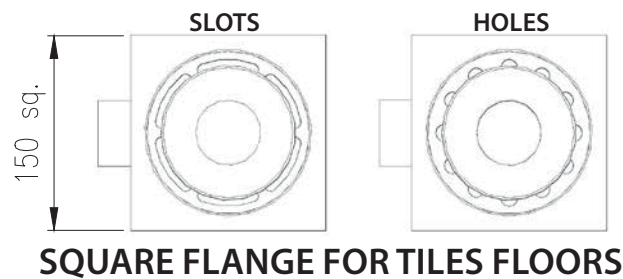
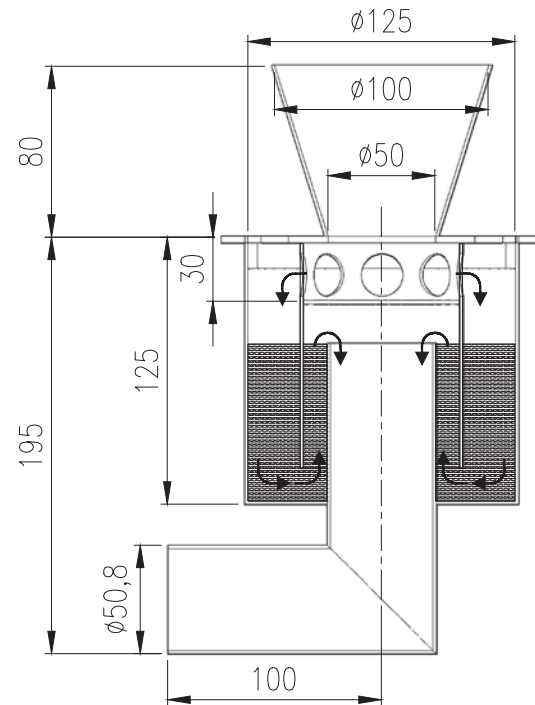
### RO 125V NW50 Funnel Type Drain

Unique Full Flow Floor Trap with the following features:

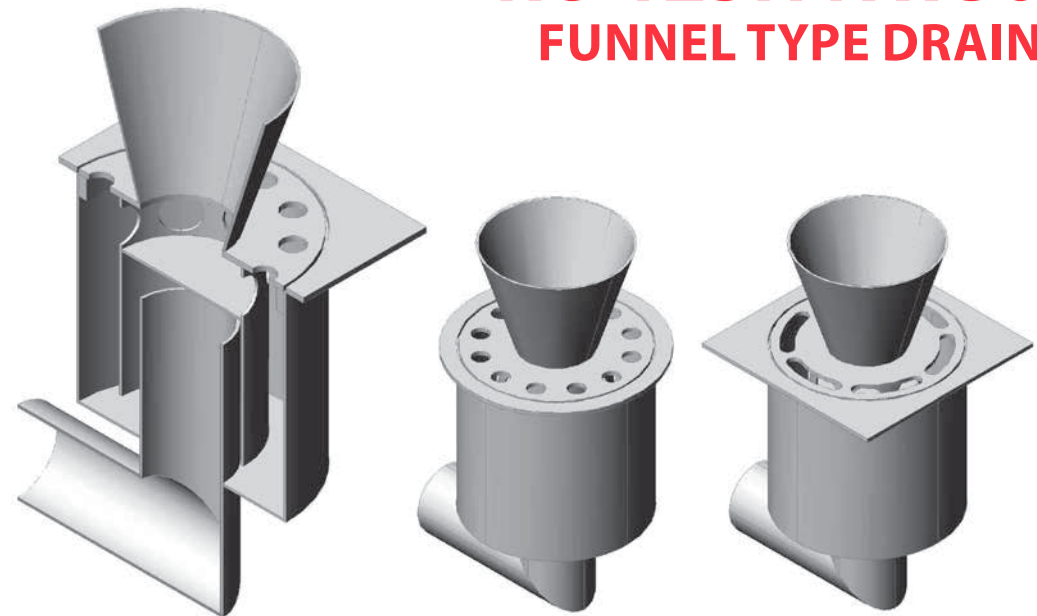
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Slots / Holes - as requested
  - Flow Rate 0.8l/sec
  - Load Capacity 400 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 50.8mm

**TYPICAL APPLICATIONS:** Wherever there is a need to discharge directly in to the drain above the floor level - Kitchenettes, Laundries etc.

**NOTE:** Floor finish to be specified



## RO 125H NW50 FUNNEL TYPE DRAIN



### RO 125H NW50 Funnel Type Drain

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Slots / Holes - as requested
  - Flow Rate 0.8l/sec
  - Load Capacity 400 kg
  - Outlet position Bottom Horizontal
  - Outlet pipe Outside Diameter 50.8mm

**TYPICAL APPLICATIONS:** Wherever there is a need to discharge directly in to the drain above the floor level - Kitchenettes, Laundries etc.

**NOTE:** Floor finish to be specified

# Rofo Engineering

## **FLOOR DRAINS RO 200**

- ***RO 200V NW100***
- ***RO 200H NW100***
- ***RO 200SV NW100 with Side Inlets 1-4***
- ***RO 200SH NW100 with Side Inlets 1-4***
- ***RO 200V NW100 Heavy Duty***
- ***RO 200H NW100 Heavy Duty***
- ***RO 200V NW100 Heavy Duty with Grating***
- ***RO 200H NW100 Heavy Duty with Grating***
- ***RO 200JBH NW100***
- ***RO 200JBH NW100 with Side Inlets 1-4***

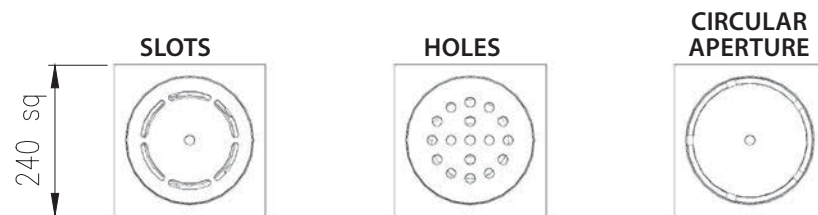
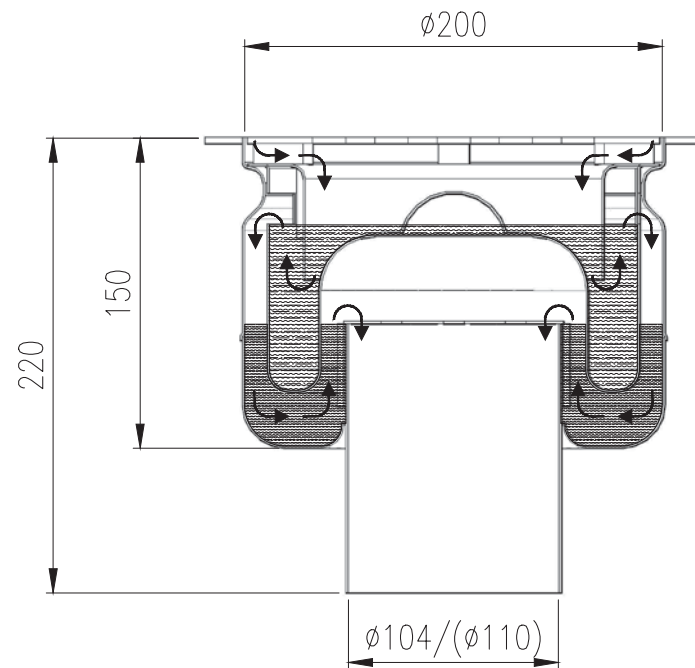


# Rofo Engineering

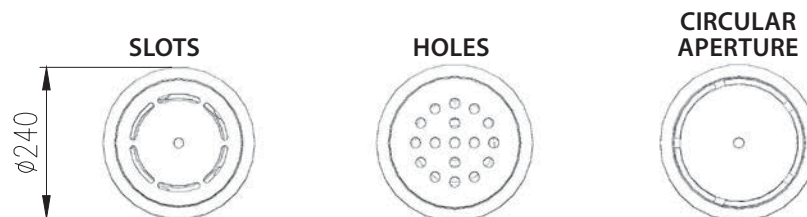
## FLOOR DRAINS RO 200 RANGE



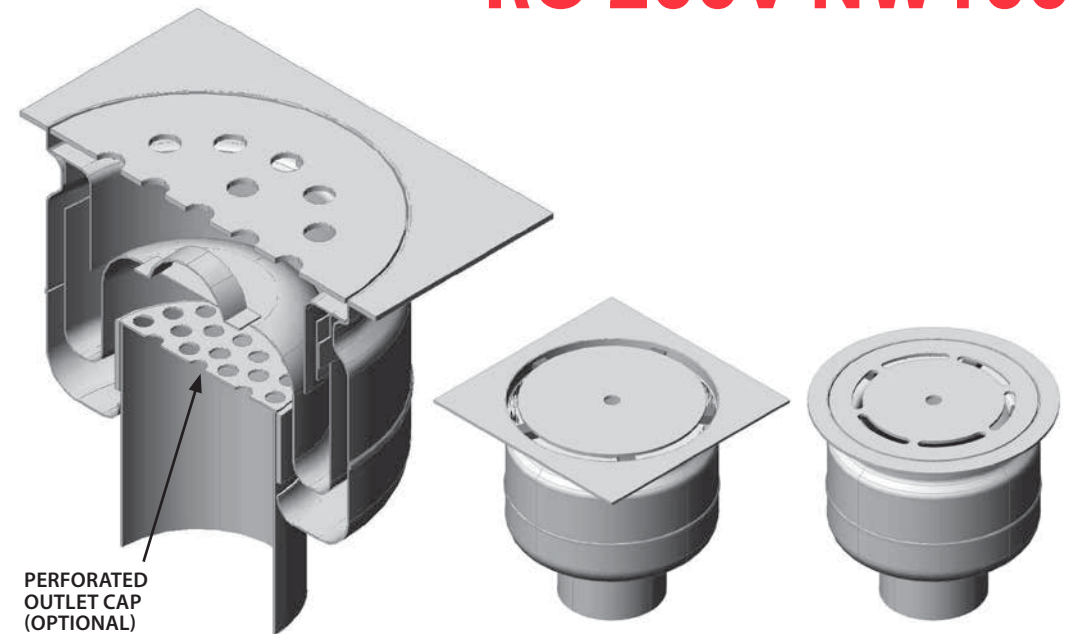
# RO 200V NW100



**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**



## RO 200V NW100

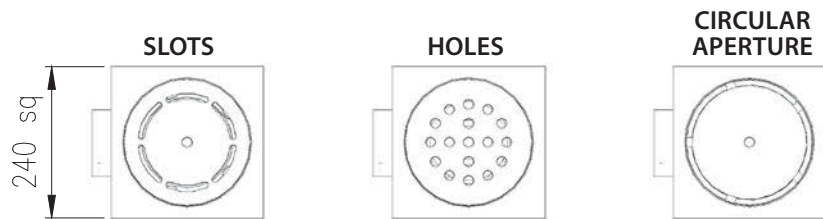
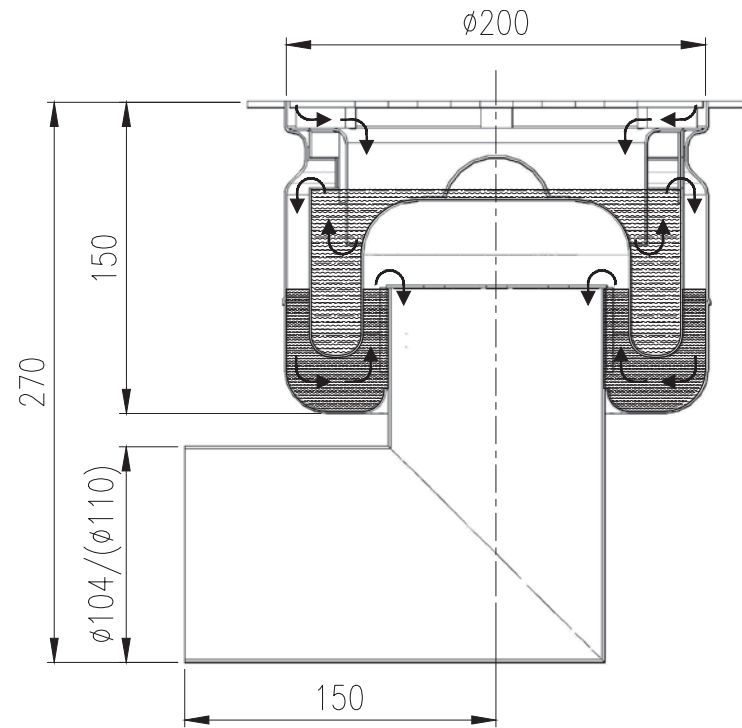
Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 3l/sec
  - Load Capacity 1 000 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

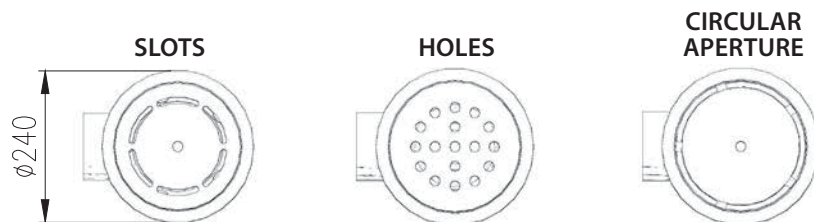
**TYPICAL APPLICATIONS:** Restaurants, Steakhouses, Kitchens, Dining Halls, Horse Stables, Pigsties, Nursing homes etc.

**NOTE:** Floor finish to be specified.

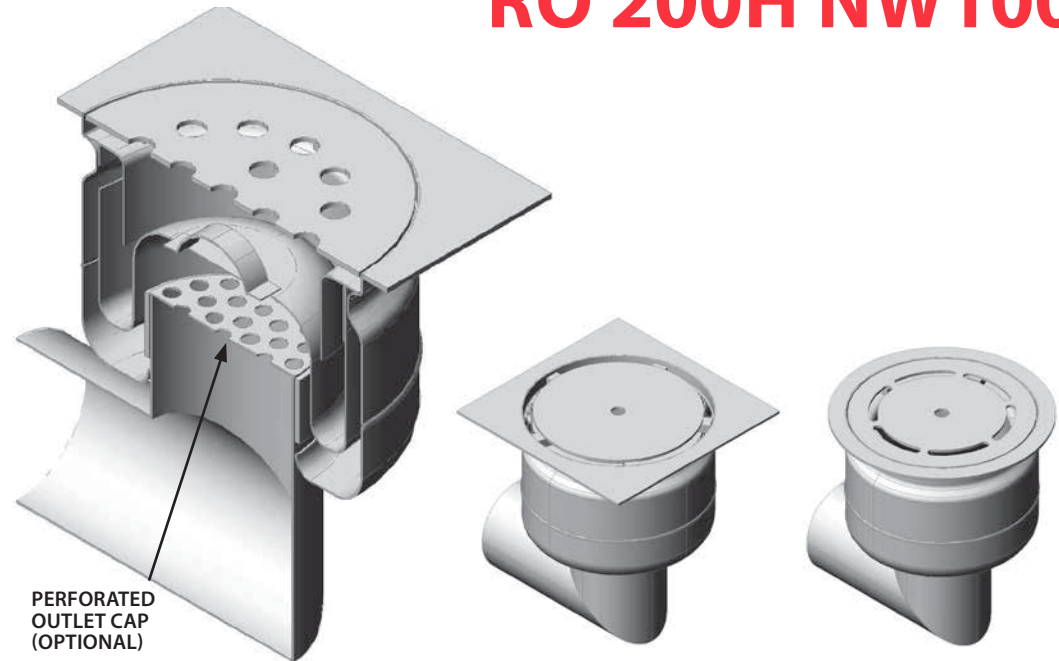
## RO 200H NW100



SQUARE FLANGE FOR TILES FLOORS



ROUND FLANGE FOR EPOXY FLOORS

**RO 200H NW100**

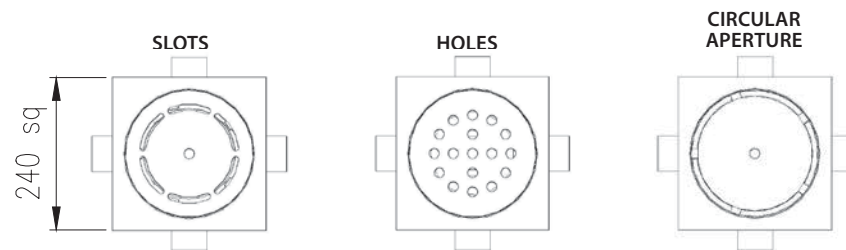
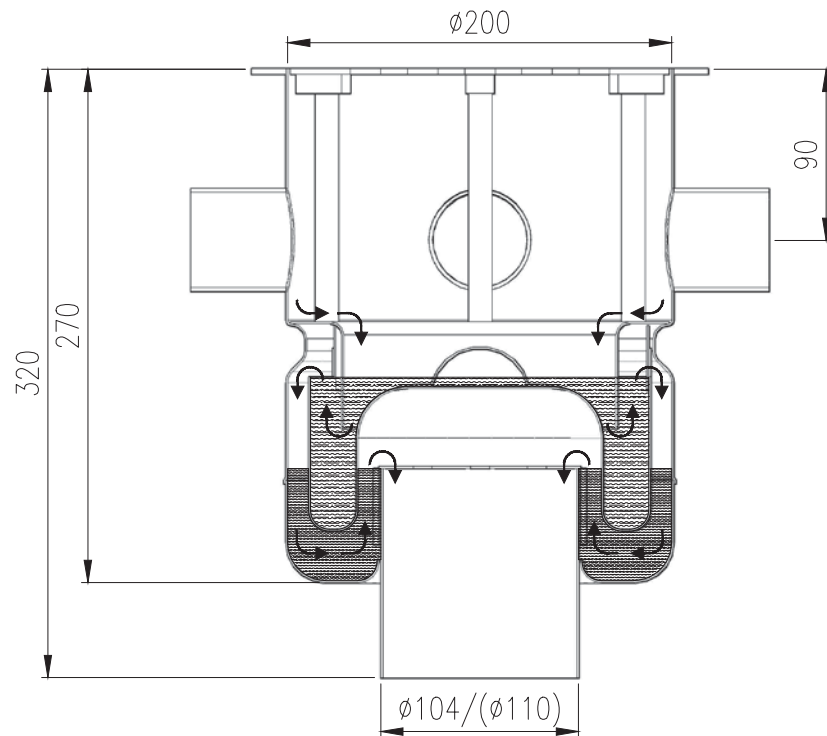
Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 3l/sec
  - Load Capacity 1 000 kg
  - Outlet position Bottom Horizontal
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

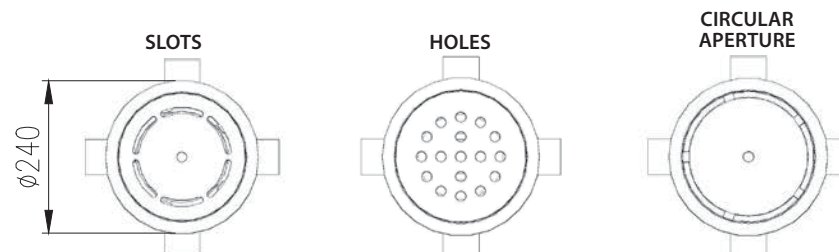
**TYPICAL APPLICATIONS:** Restaurants, Steakhouses, Kitchens, Dining Halls, Horse Stables, Pigsties, Nursing homes etc.

**NOTE:** Floor finish to be specified.

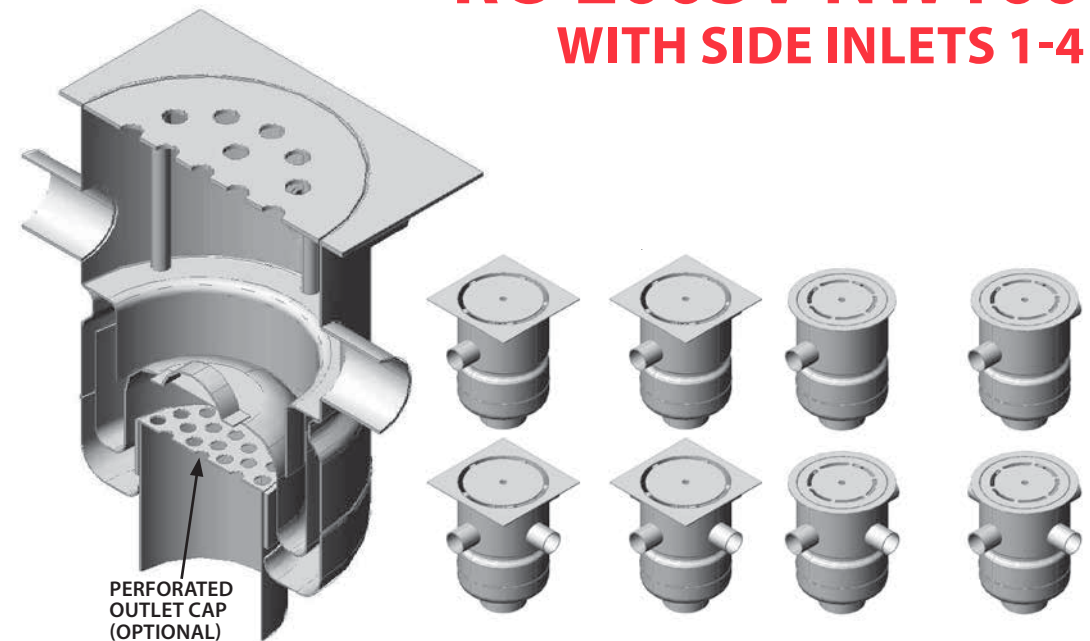
# RO 200SV NW100 WITH SIDE INLETS 1-4



**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**



## RO 200SV NW100 with Side Inlets 1-4

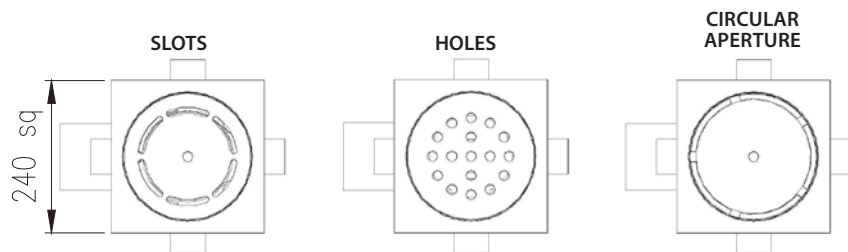
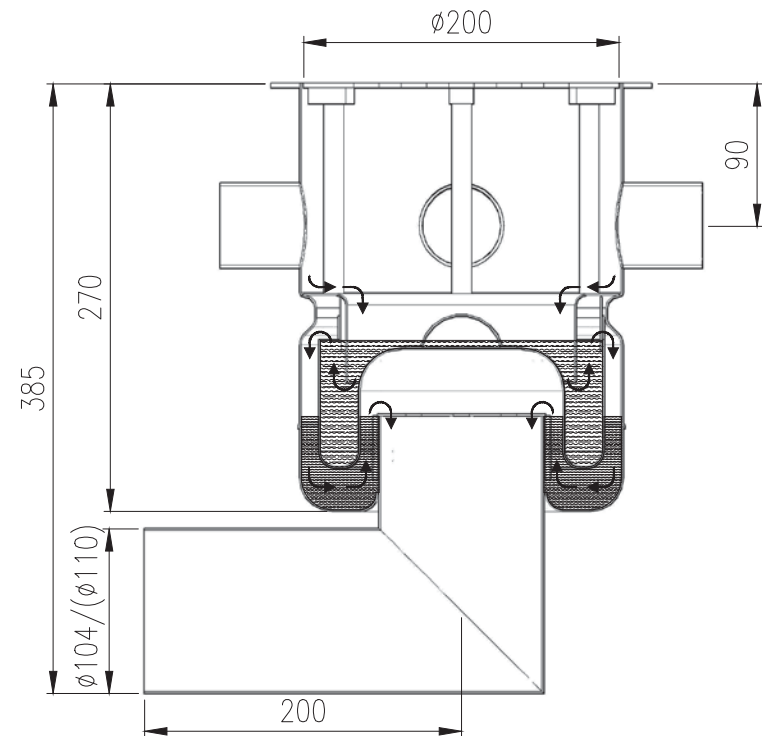
Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
- Extension for side inlets: 1, 2, 3 or 4 inlets
  - Flow Rate 3l/sec
  - Load Capacity 1000 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

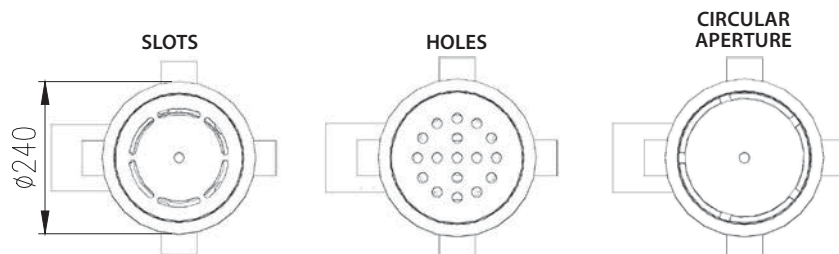
**TYPICAL APPLICATIONS:** Wherever there is a need to connect sinks directly to the floor trap under the ground - Restaurants, Steakhouses, Kitchens, Dining Halls, Nursing homes etc.

**NOTE:** Floor finish to be specified.



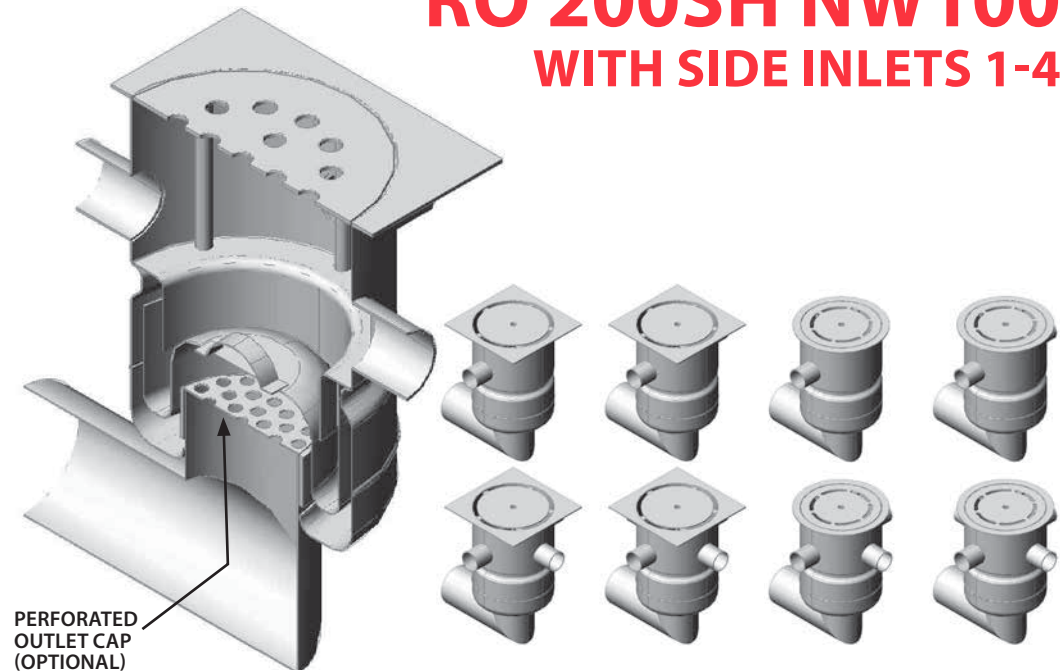


**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**

## RO 200SH NW100 WITH SIDE INLETS 1-4



PERFORATED  
OUTLET CAP  
(OPTIONAL)

### RO 200SH NW100 with Side Inlets 1-4

Unique Full Flow Floor Trap with the following features:

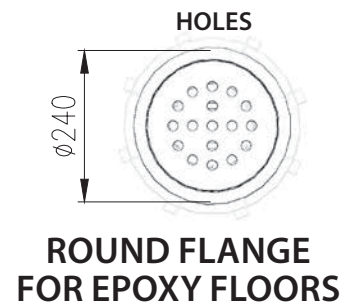
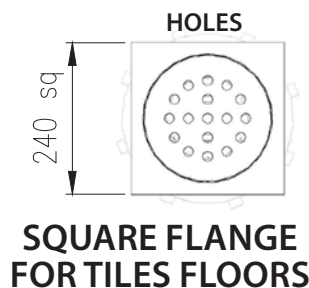
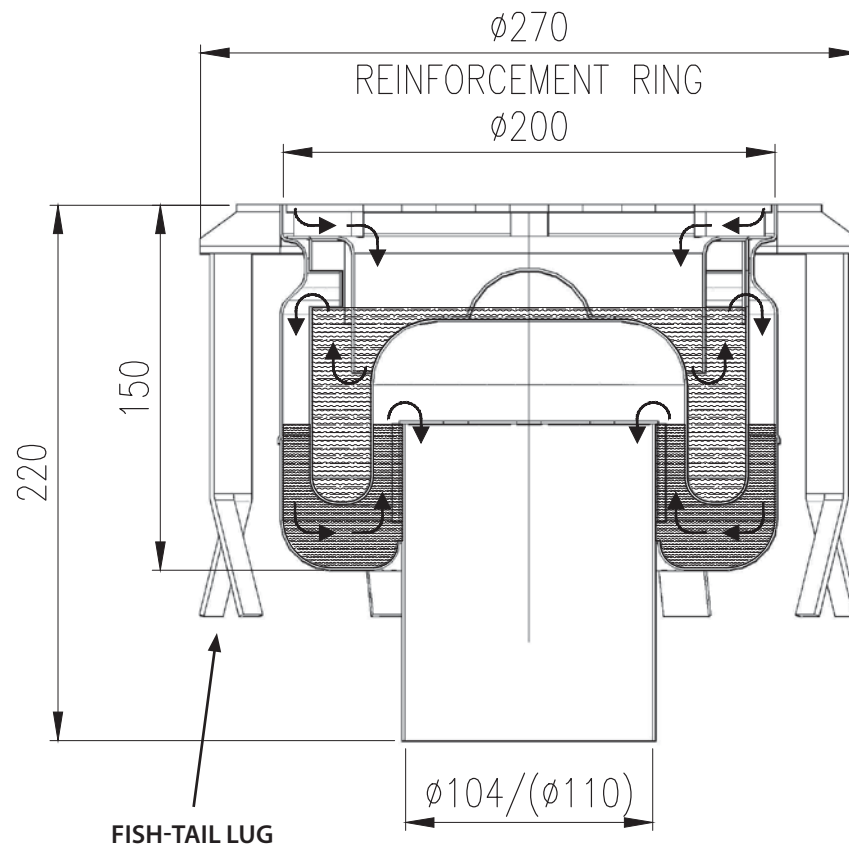
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry .
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
- Extension for side inlets: 1, 2, 3 or 4 inlets
  - Flow Rate 3l/sec
  - Load Capacity 1 000 kg
  - Outlet position Bottom Horizontal
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** Wherever there is a need to connect sinks directly to the floor trap under the ground - Restaurants, Steakhouses, Kitchens, Dining Halls, Nursing homes etc.

**NOTE:** Floor finish to be specified.



# RO 200V NW100 HEAVY DUTY



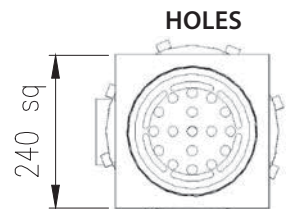
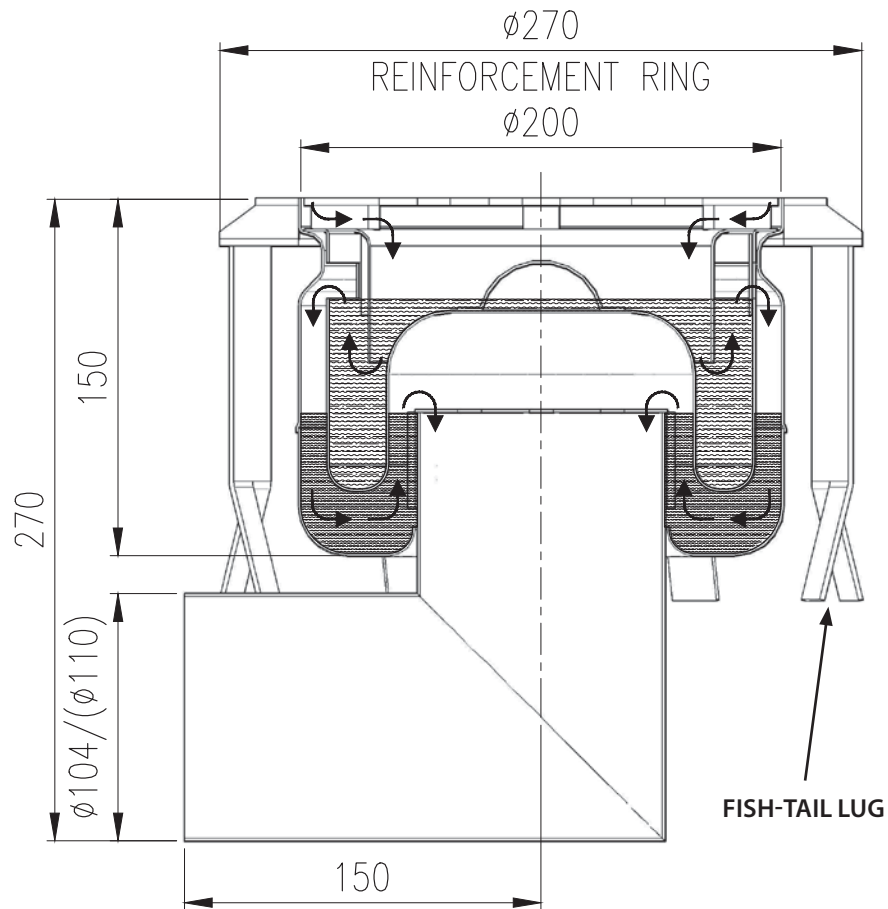
## RO 200V NW100 Heavy Duty

Unique Full Flow Floor Trap with the following features:

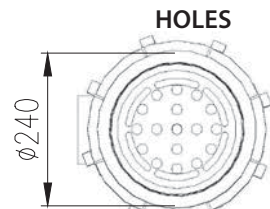
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Holes
  - Flow Rate 3l/sec
  - Load Capacity 2500 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** Wherever there is a need for Higher Load Capacity - General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

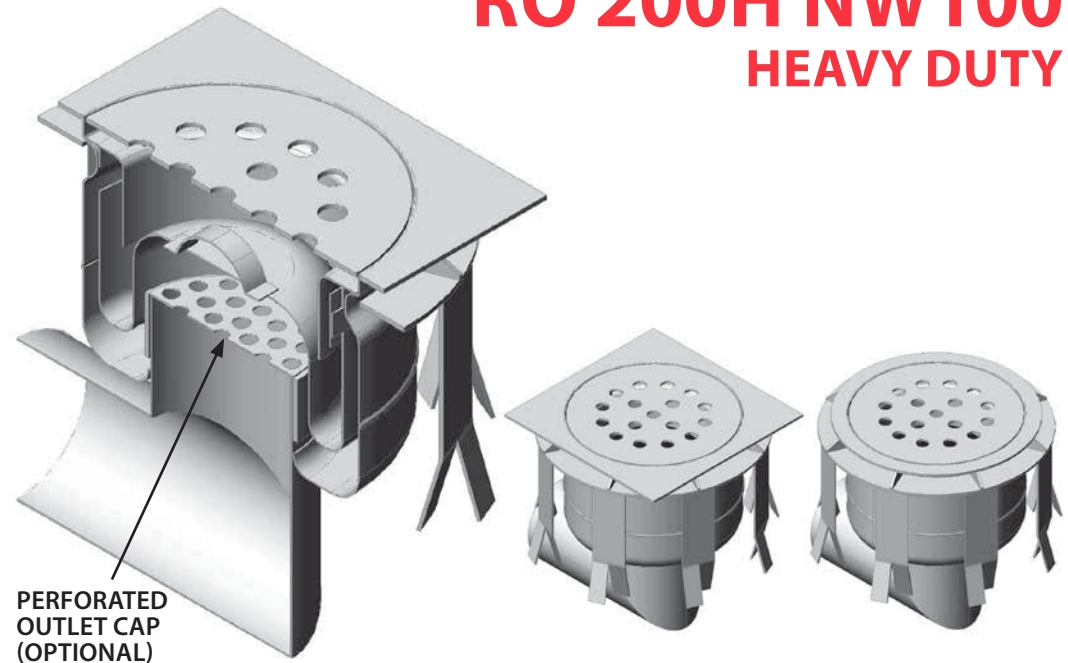
**NOTE:** Floor finish to be specified.



**SQUARE FLANGE  
FOR TILES FLOORS**



**ROUND FLANGE  
FOR EPOXY FLOORS**



## RO 200H NW100 HEAVY DUTY

### RO 200H NW100 Heavy Duty

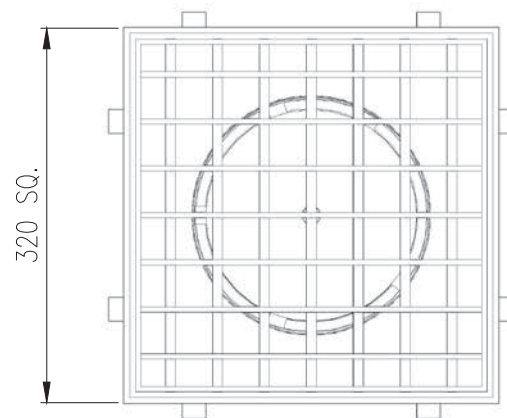
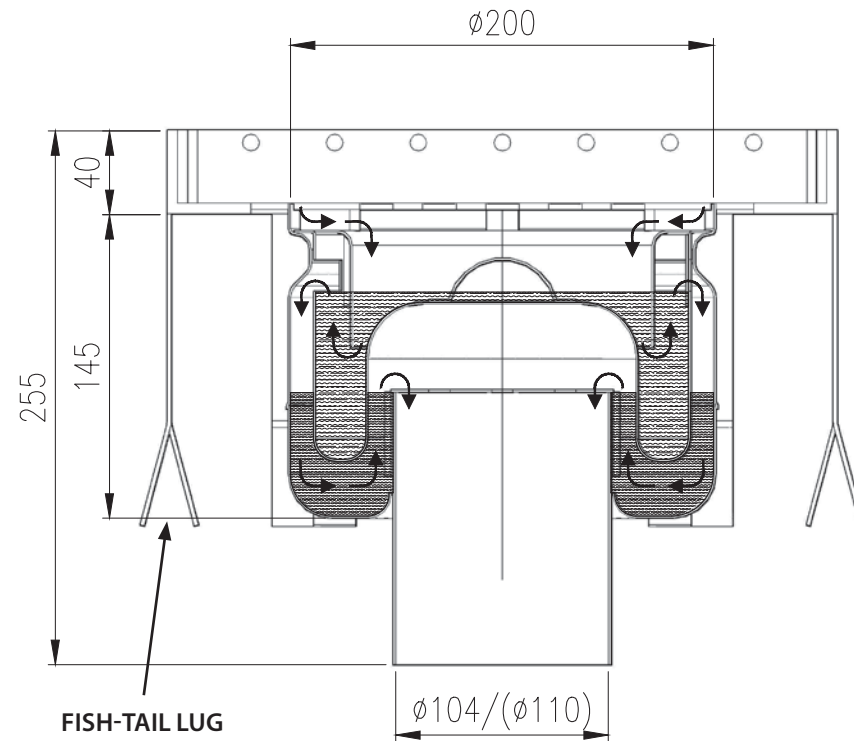
Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Holes
- Flow Rate 3l/sec
- Load Capacity 2500 kg
- Outlet position Bottom Horizontal
- Outlet pipe Outside Diameter 104mm / 110mm as requested

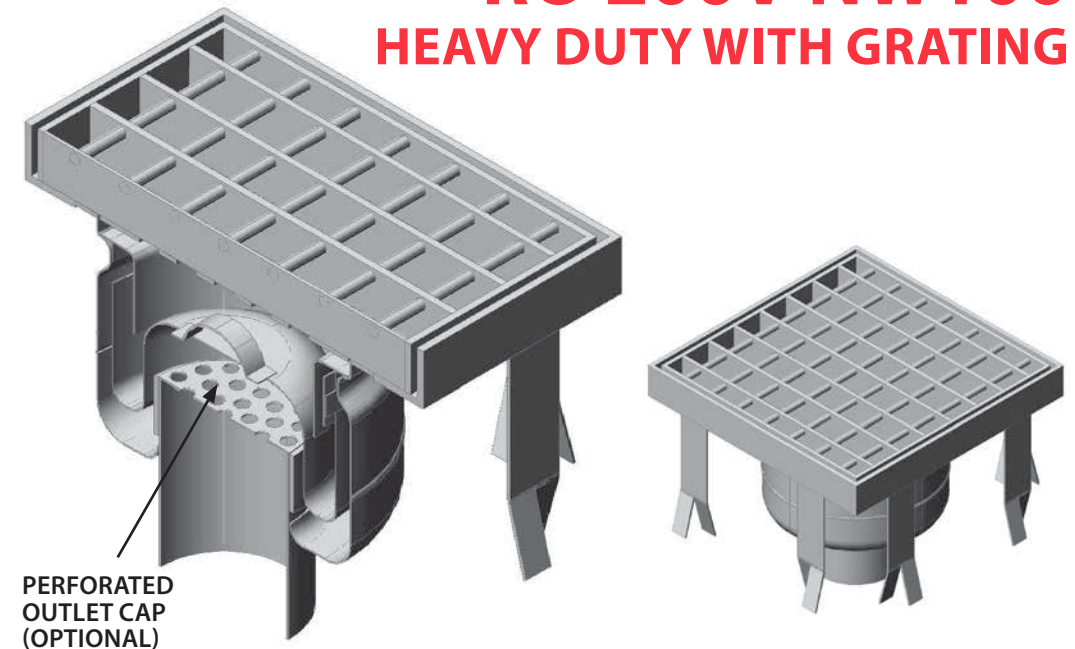
**TYPICAL APPLICATIONS:** Wherever there is a need for Higher Load Capacity - General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

**NOTE:** Floor finish to be specified.

## RO 200V NW100 HEAVY DUTY WITH GRATING



**SQUARE FLANGE FOR TILES FLOORS**



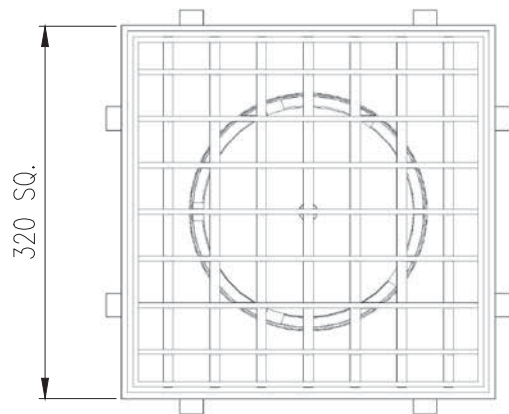
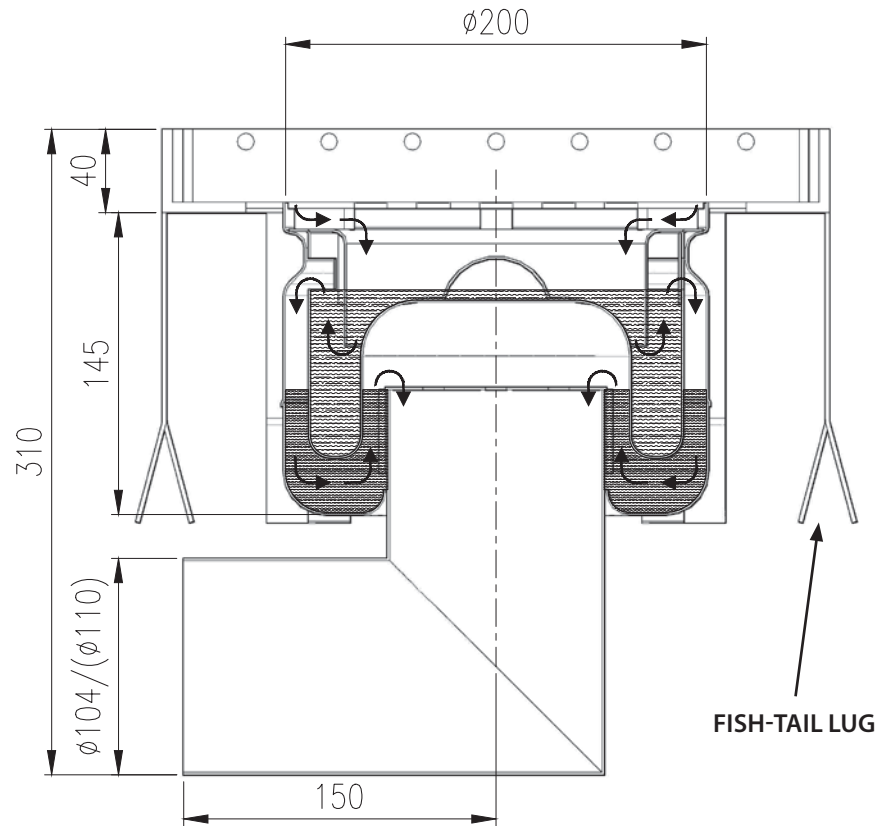
### RO 200V NW100 Heavy Duty with Grating

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Grating Frame Type: Square
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 3l/sec
  - Load Capacity 2500 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

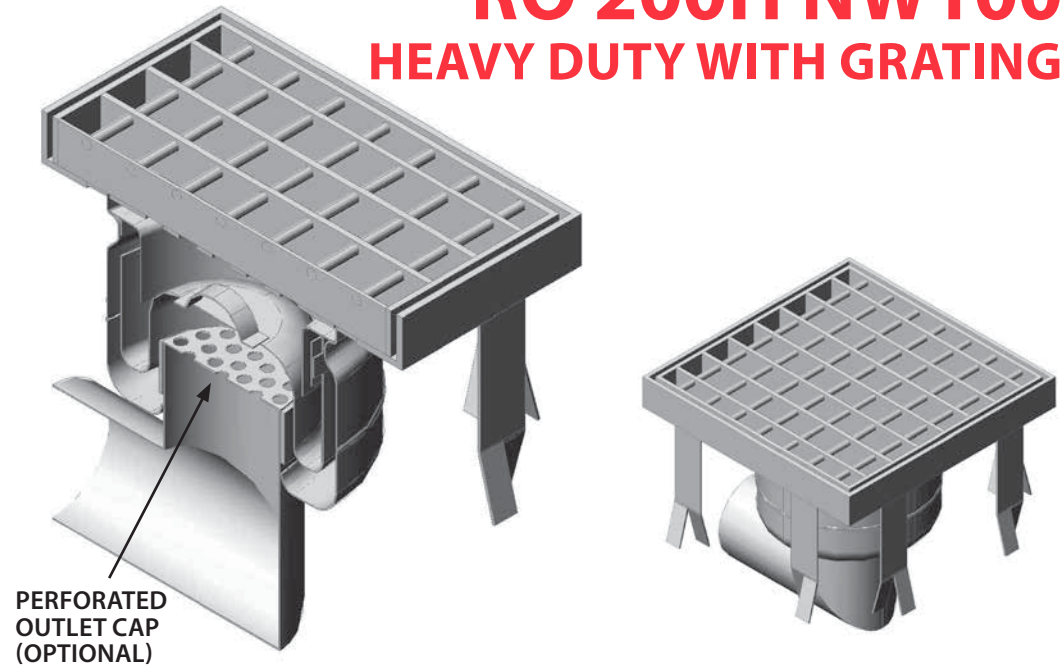
**TYPICAL APPLICATIONS:** Wherever there is a need for Higher Load Capacity - General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

**NOTE:** Floor finish to be specified.



SQUARE FLANGE FOR TILES FLOORS

## RO 200H NW100 HEAVY DUTY WITH GRATING



### RO 200H NW100 Heavy Duty with Grating

Unique Full Flow Floor Trap with the following features:

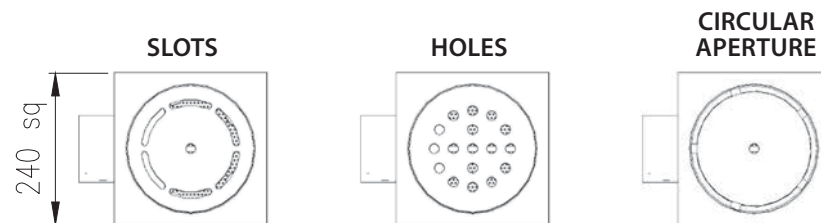
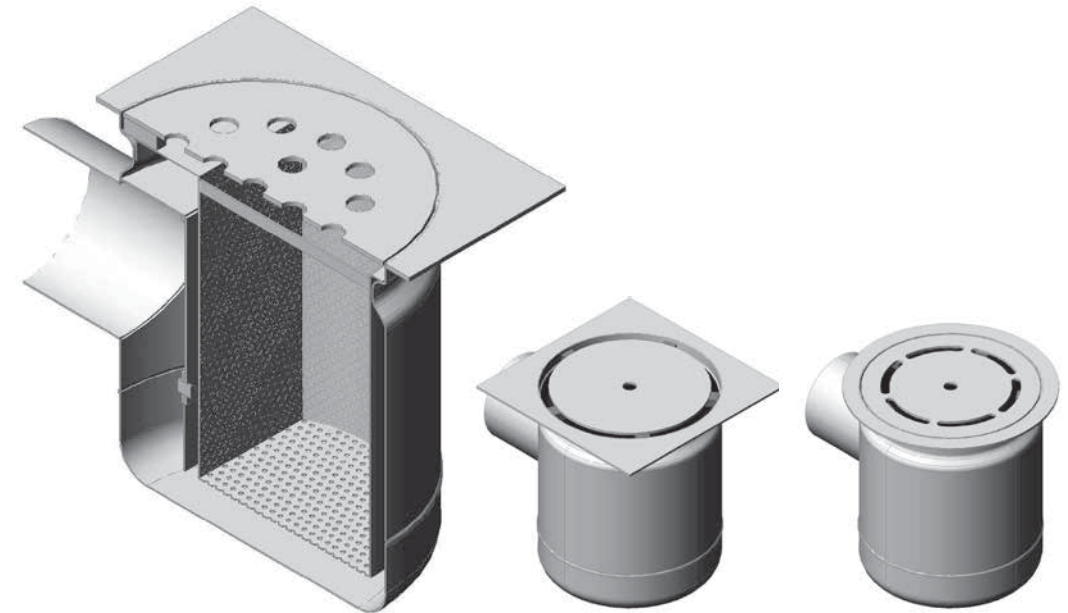
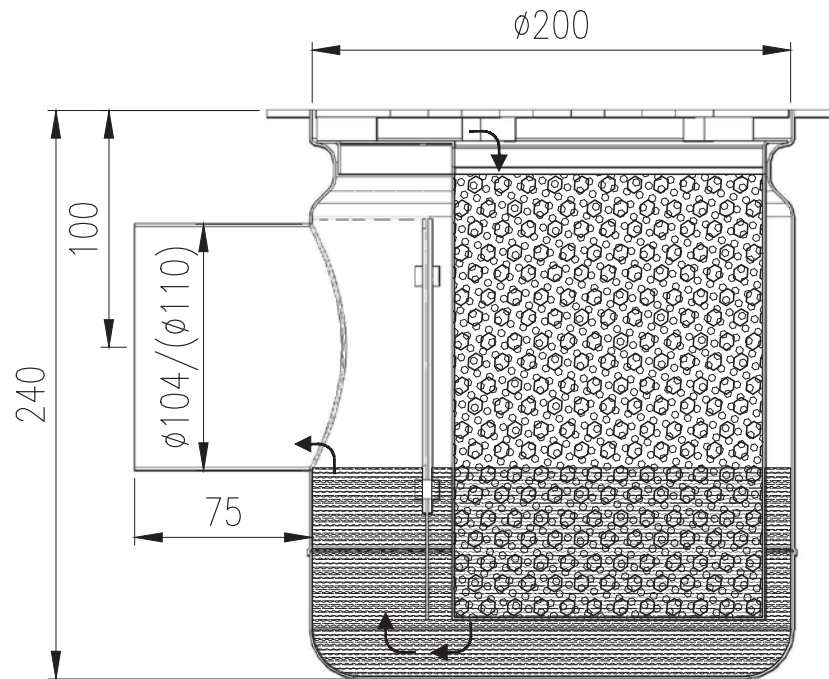
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Grating Frame Type: Square
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 3l/sec
  - Load Capacity 2500 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** Wherever there is a need for Higher Load Capacity - General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

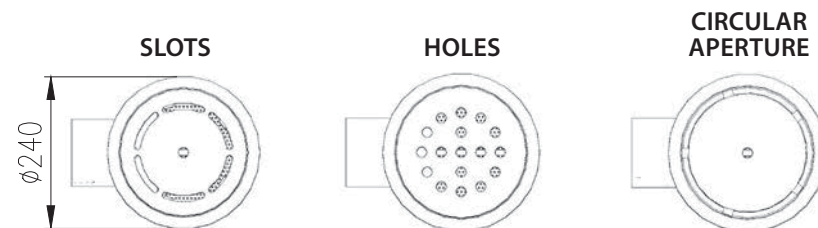
**NOTE:** Floor finish to be specified.



# RO 200JBH NW100



**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**

## RO 200JBH NW100

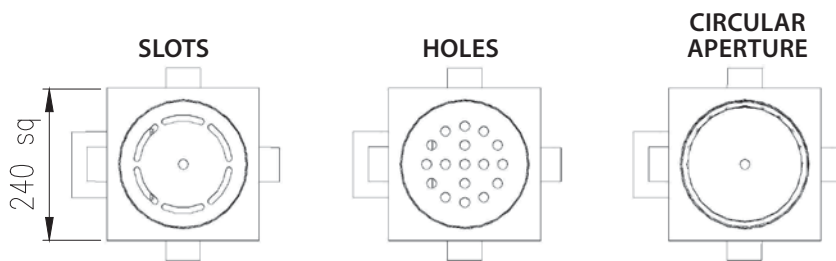
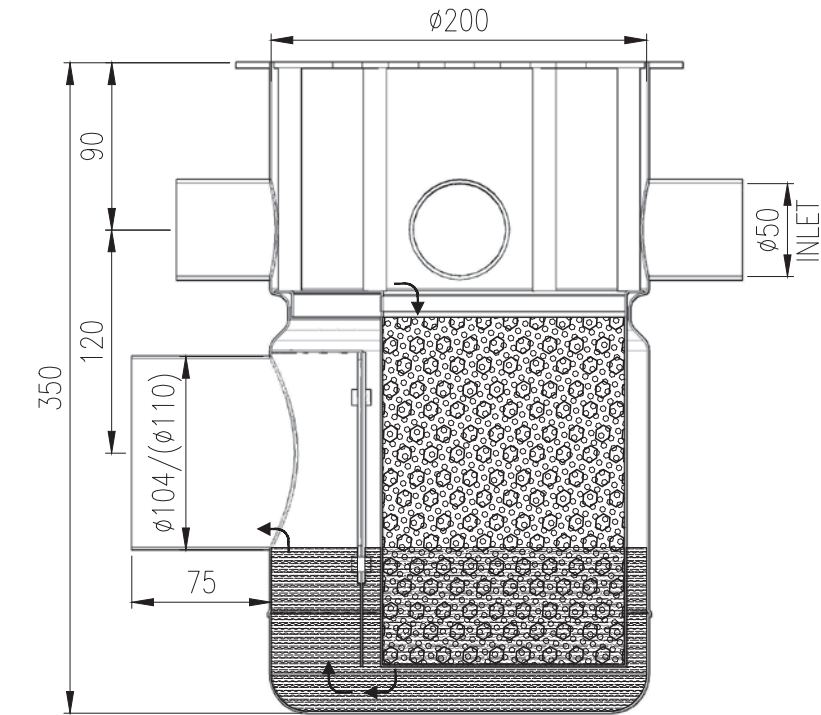
Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
- Flow Rate 3l/sec
- Load Capacity 1000 kg
- Outlet position Side Horizontal
- Outlet pipe Outside Diameter 104mm / 110mm as requested

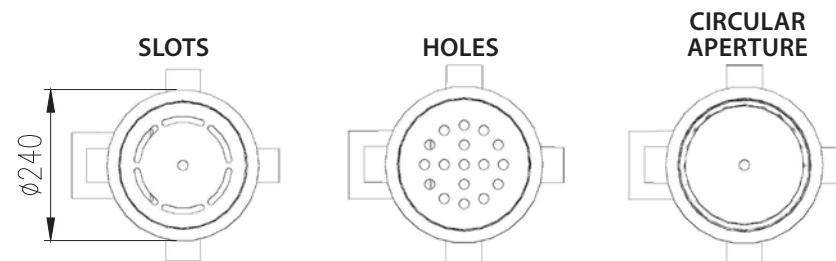
**TYPICAL APPLICATIONS:** Restaurants, Steakhouses, Kitchens, Dining Halls, Nursing homes etc.

**NOTE:** Floor finish to be specified.



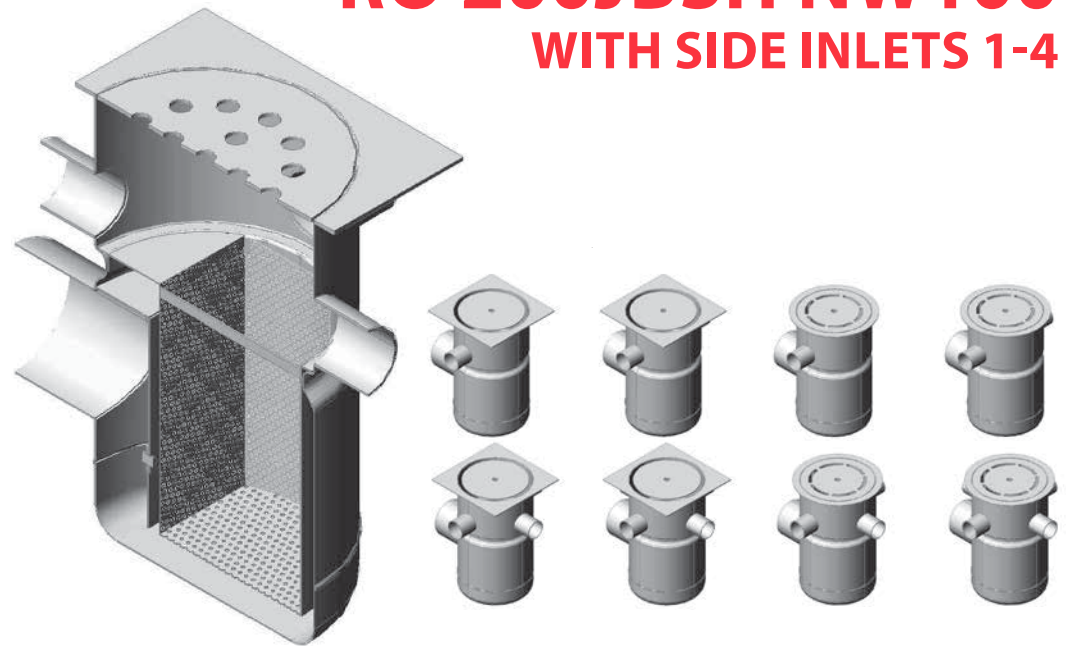


SQUARE FLANGE FOR TILES FLOORS



ROUND FLANGE FOR EPOXY FLOORS

## RO 200JBSh NW100 WITH SIDE INLETS 1-4



### RO 200JBSh NW100 with Side Inlets 1-4

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
- Extension for side inlets: 1, 2, 3 or 4 inlets
- Flow Rate 3l/sec
- Load Capacity 1000 kg
- Outlet position Side Horizontal
- Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** Wherever there is a need to connect sinks directly to the floor trap under the ground - Restaurants, Steakhouses, Kitchens, Dining Halls, Nursing homes etc.

**NOTE:** Floor finish to be specified.

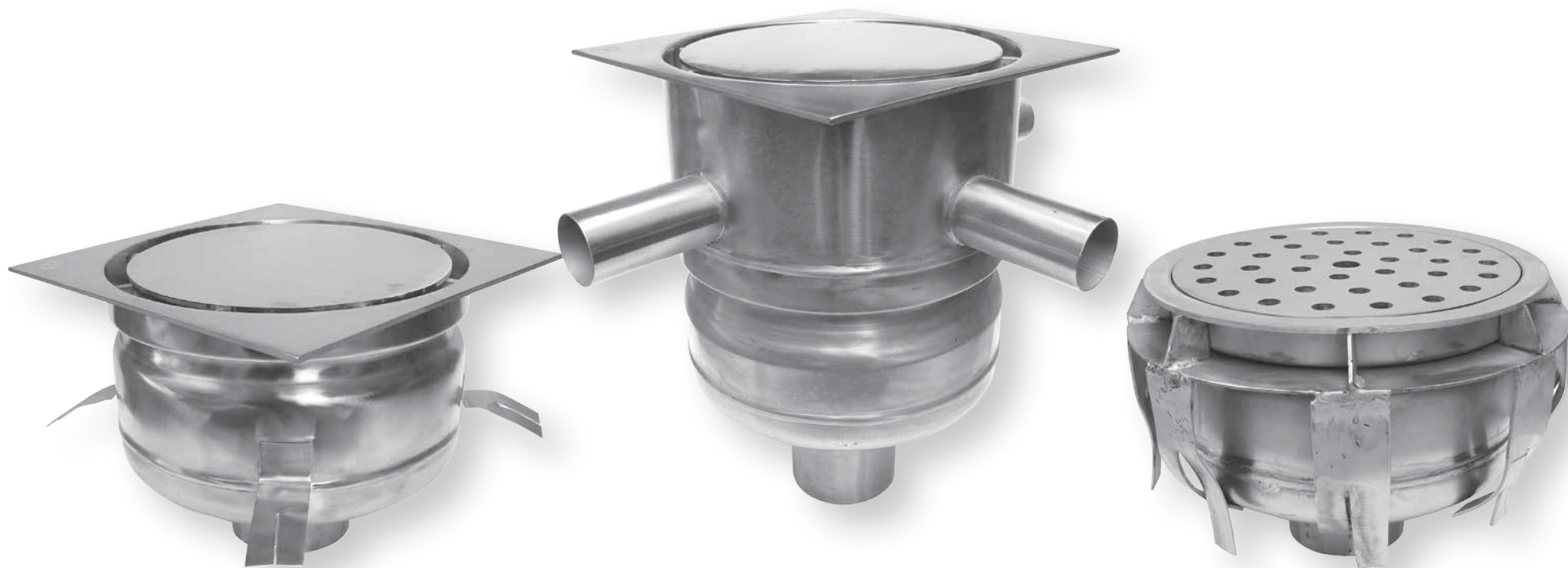
# Rofo Engineering

## **FLOOR DRAINS RO 280**

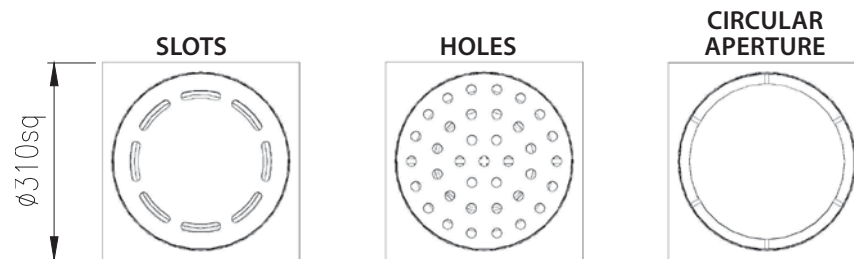
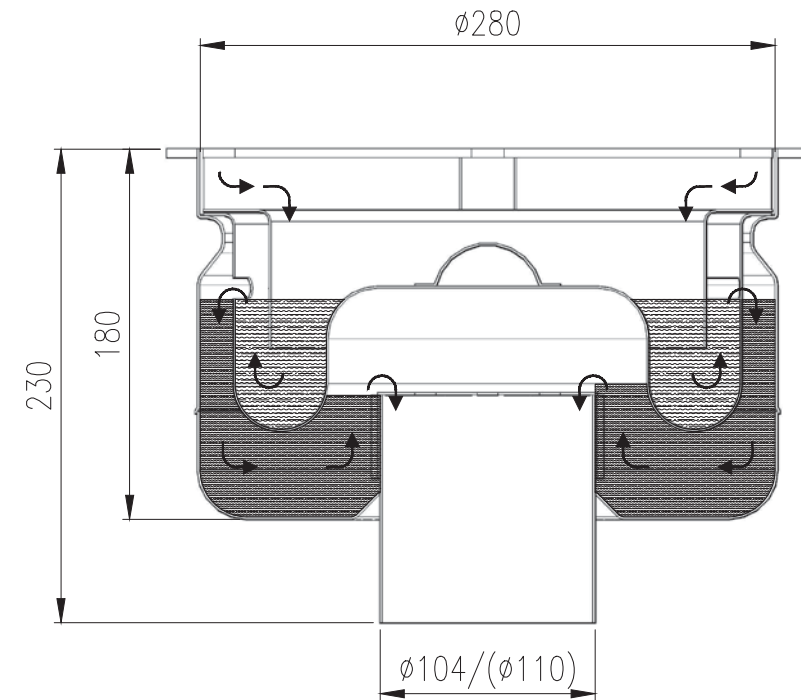
- ***RO 280V NW100***
- ***RO 280H NW100***
- ***RO 280SV NW100 with Side Inlets 1-4***
- ***RO 280SH NW100 with Side Inlets 1-4***
- ***RO 280V NW100 Heavy Duty***
- ***RO 280H NW100 Heavy Duty***
- ***RO 280V NW100 Heavy Duty with Grating***
- ***RO 280H NW100 Heavy Duty with Grating***
- ***RO 280V NW100 Refuse Areas***
- ***RO 280H NW100 Refuse Areas***
- ***RO 280JBH NW100***
- ***RO 280JBH NW100 with Side Inlets 1-4***

# Rofo Engineering

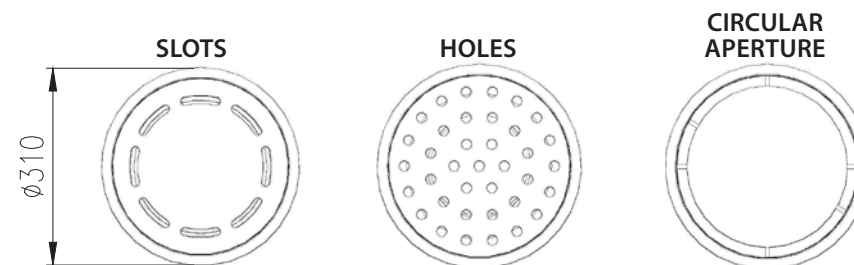
## FLOOR DRAINS RO 280 RANGE



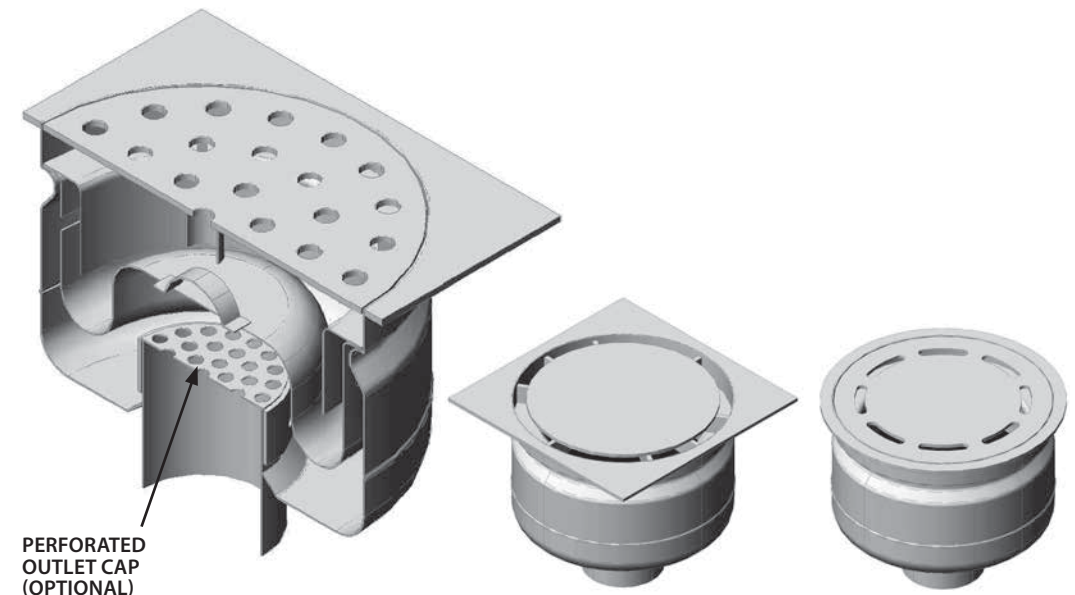
# RO 280V NW100



**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**



## RO 280V NW100

Unique Full Flow Floor Trap with the following features:

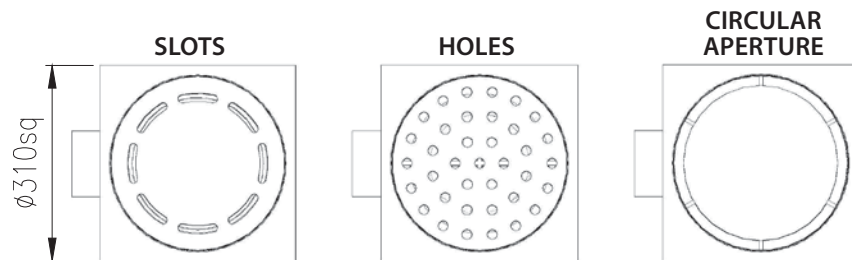
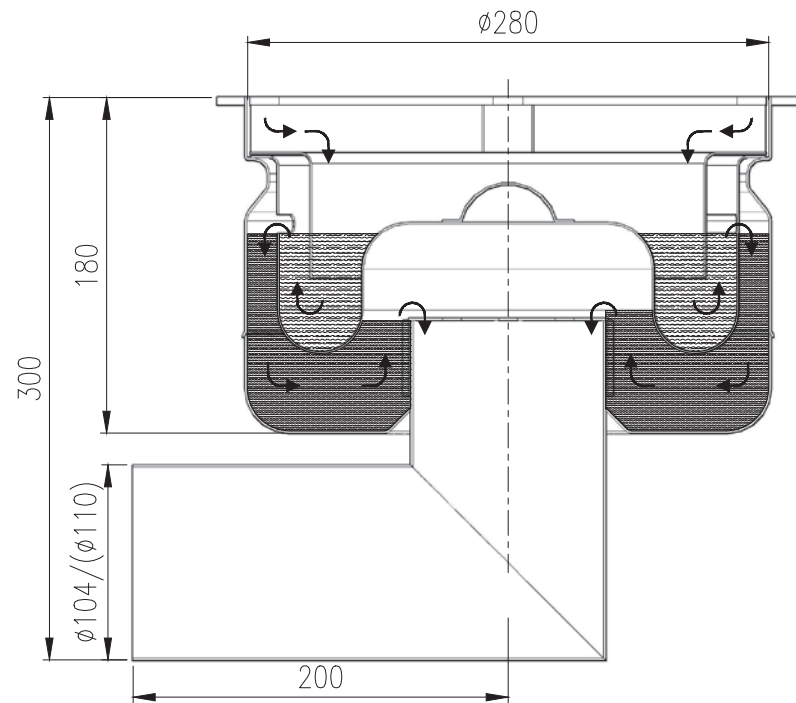
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 4.5l/sec
  - Load Capacity 1500 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries.

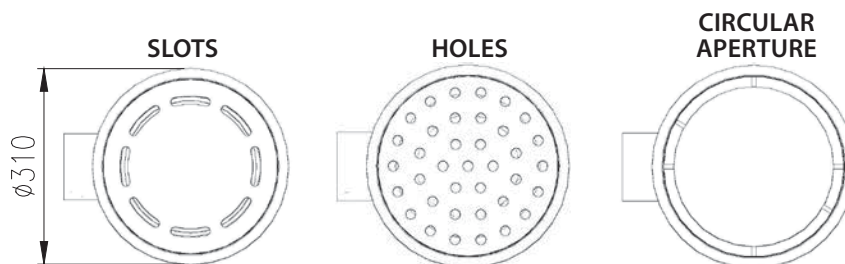
**NOTE:** Floor finish to be specified.



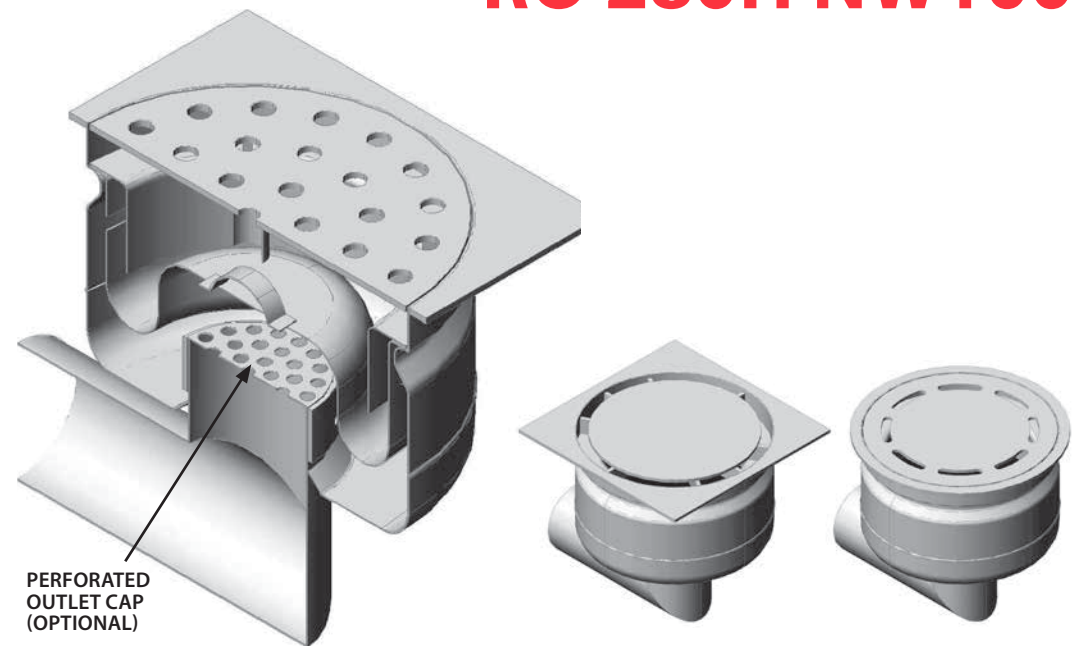
## RO 280H NW100



SQUARE FLANGE FOR TILES FLOORS



ROUND FLANGE FOR EPOXY FLOORS

**RO 280H NW100**

Unique Full Flow Floor Trap with the following features:

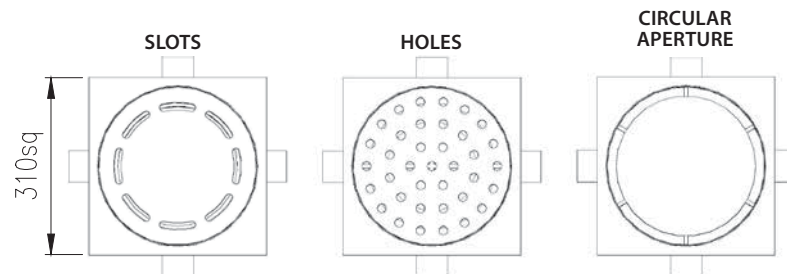
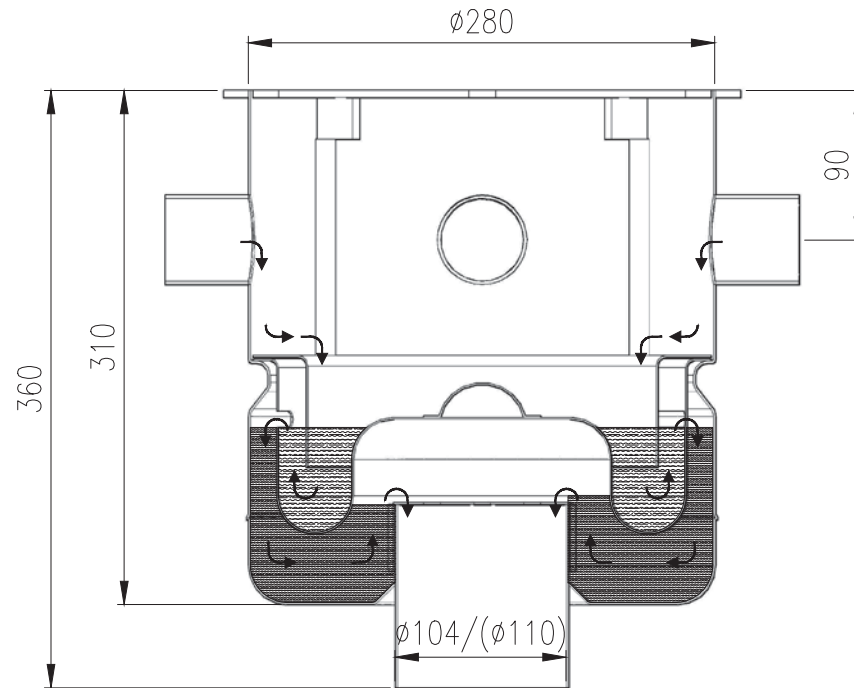
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation .
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates .
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 4.5l/sec
  - Load Capacity 1500 kg
  - Outlet position Bottom Horizontal
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries.

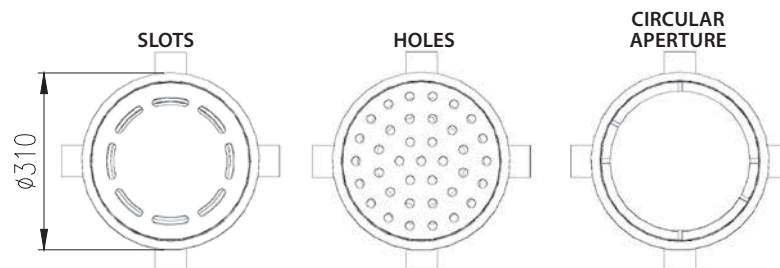
**NOTE:** Floor finish to be specified.



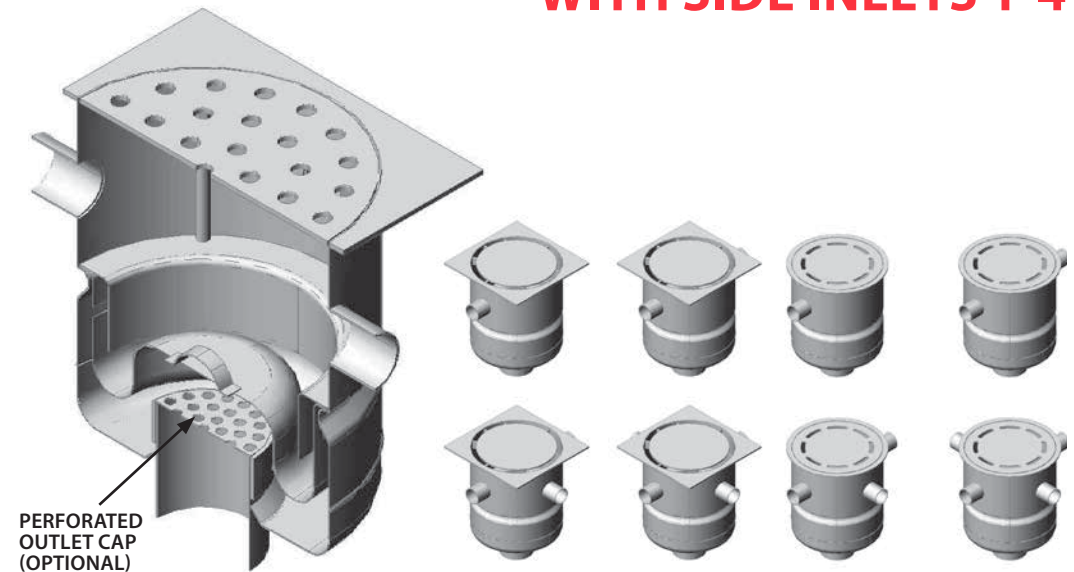
# RO 280SV NW100 WITH SIDE INLETS 1-4



**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**



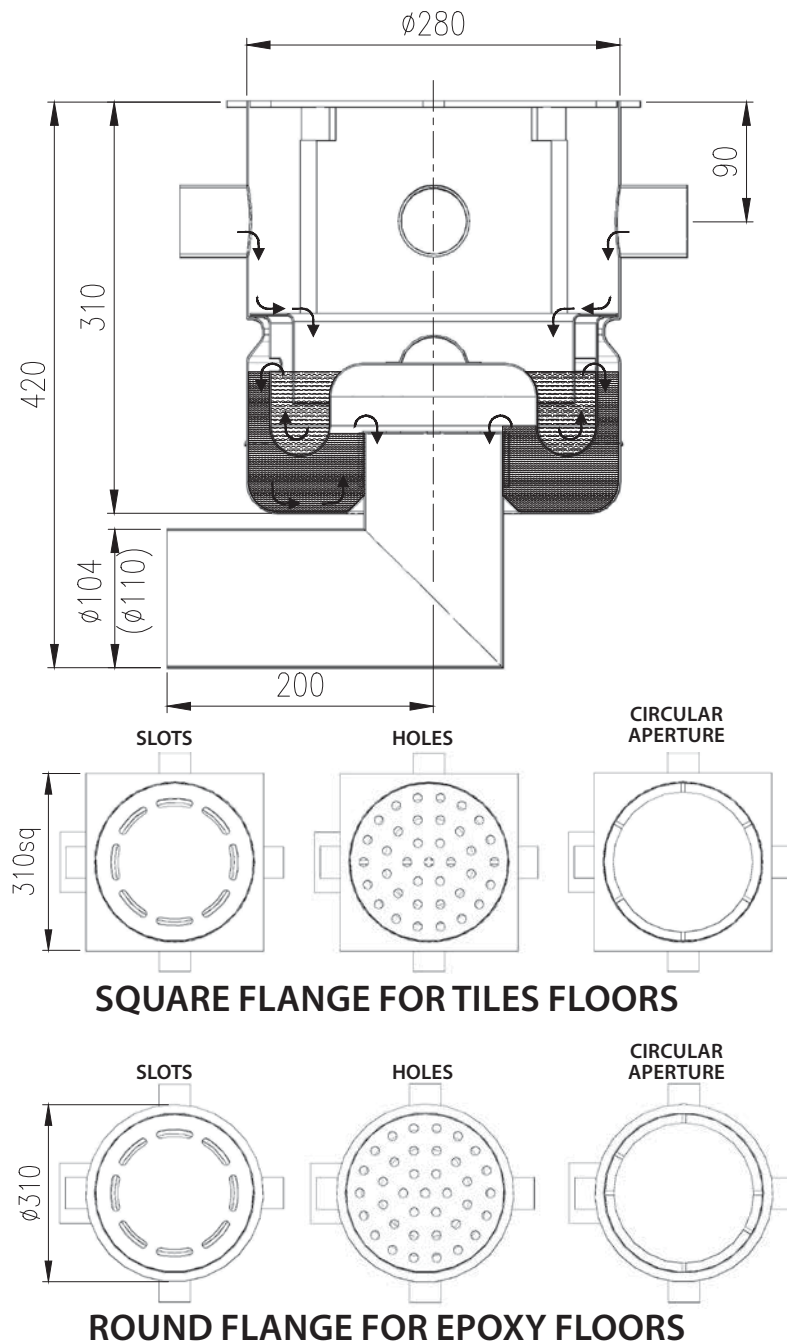
## RO 280SV NW100 with Side Inlets 1-4

Unique Full Flow Floor Trap with the following features:

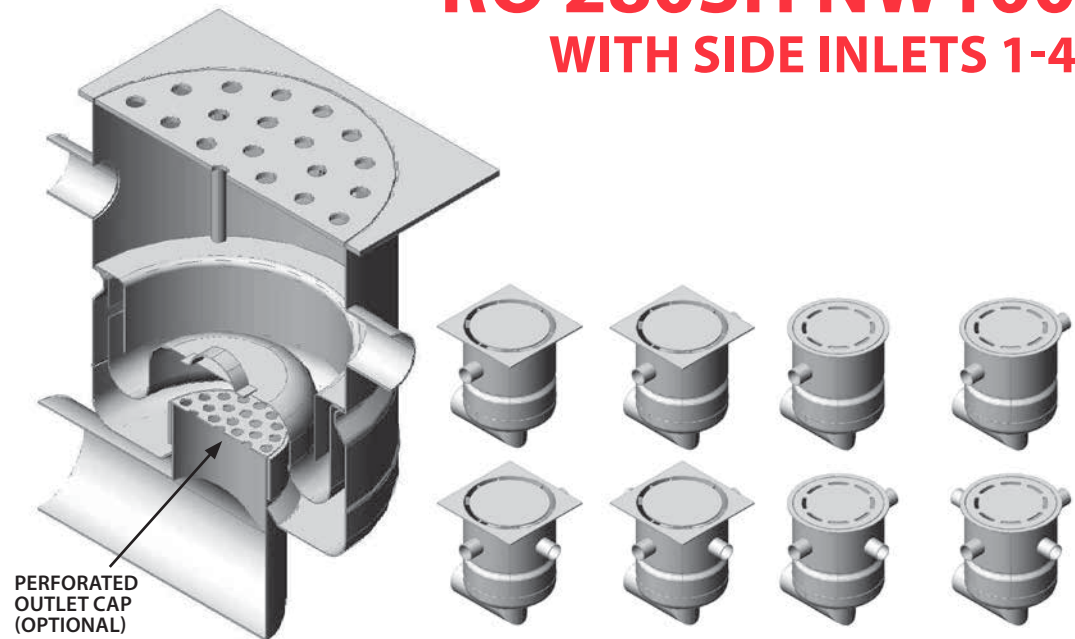
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
- Extension for side inlets: 1, 2, 3 or 4 inlets
  - Flow Rate 4.5l/sec
  - Load Capacity 1500 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** Wherever there is a need to connect sinks directly to the floor trap under the ground - General Food Processing, Restaurants, Steak Houses, Kitchens, Dining Halls etc.

**NOTE:** Floor finish to be specified.



## RO 280SH NW100 WITH SIDE INLETS 1-4



### RO 280SH NW100 with Side Inlets 1-4

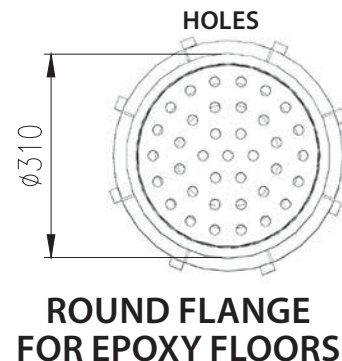
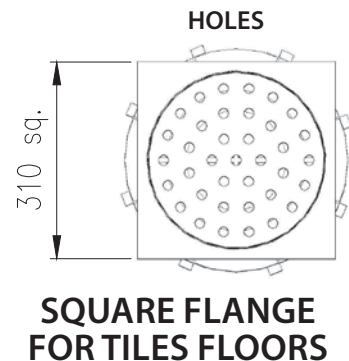
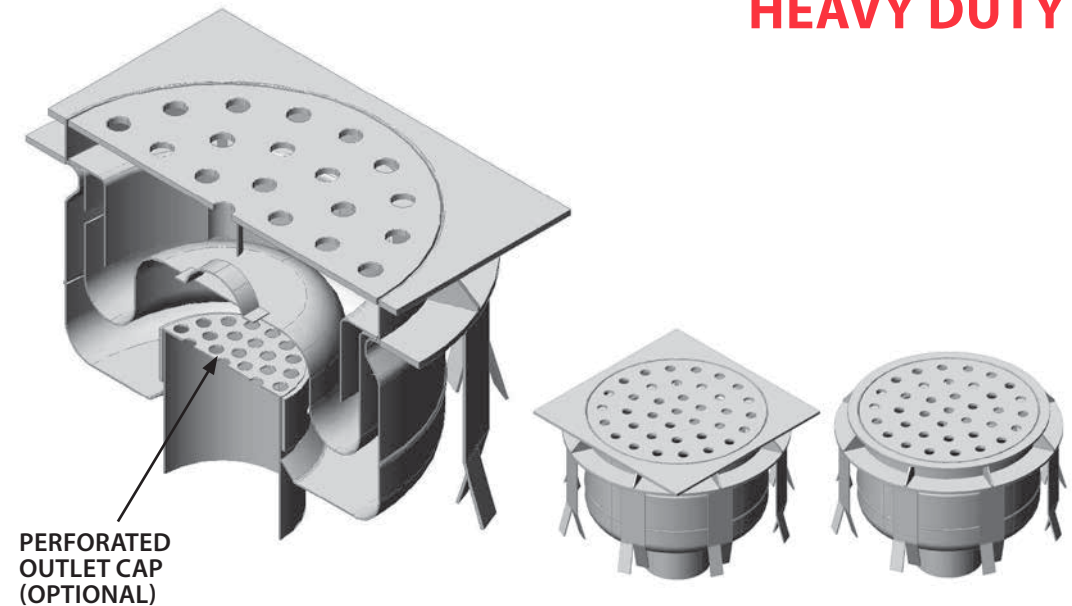
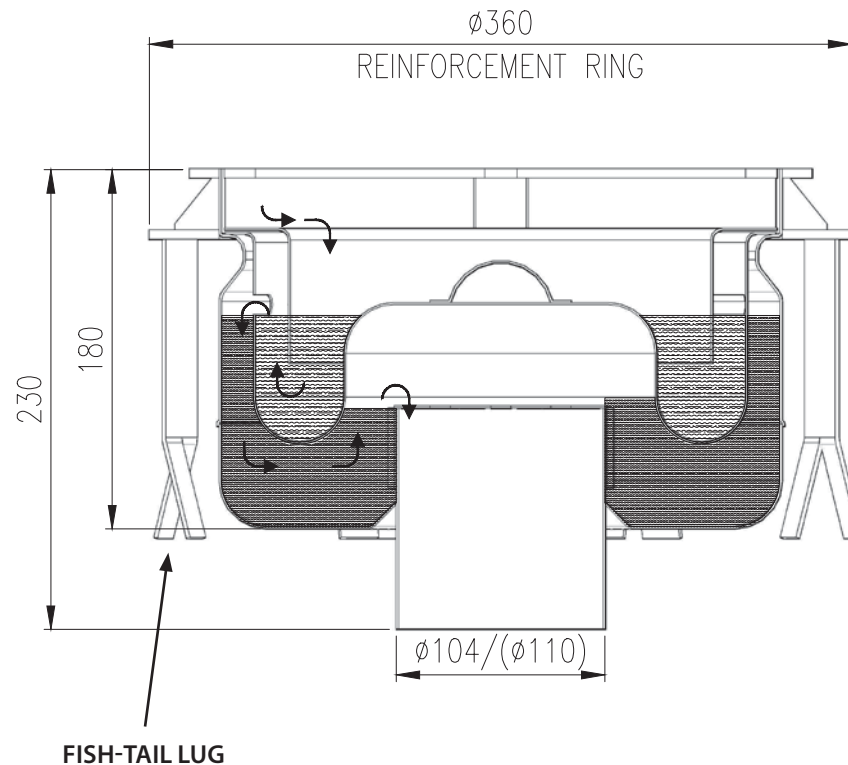
Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
- Extension for side inlets: 1, 2, 3 or 4 inlets
  - Flow Rate 4.5l/sec
  - Load Capacity 1500 kg
  - Outlet position Bottom Horizontal
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** Wherever there is a need to connect sinks directly to the floor trap under the ground - General Food Processing, Restaurants, Steak Houses, Kitchens, Dining Halls etc.

**NOTE:** Floor finish to be specified.

# RO 280V NW100 HEAVY DUTY



## RO 280V NW100 Heavy Duty

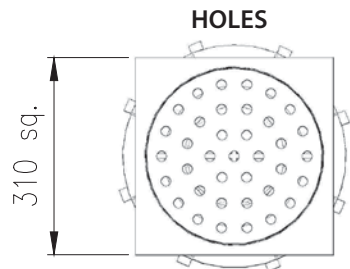
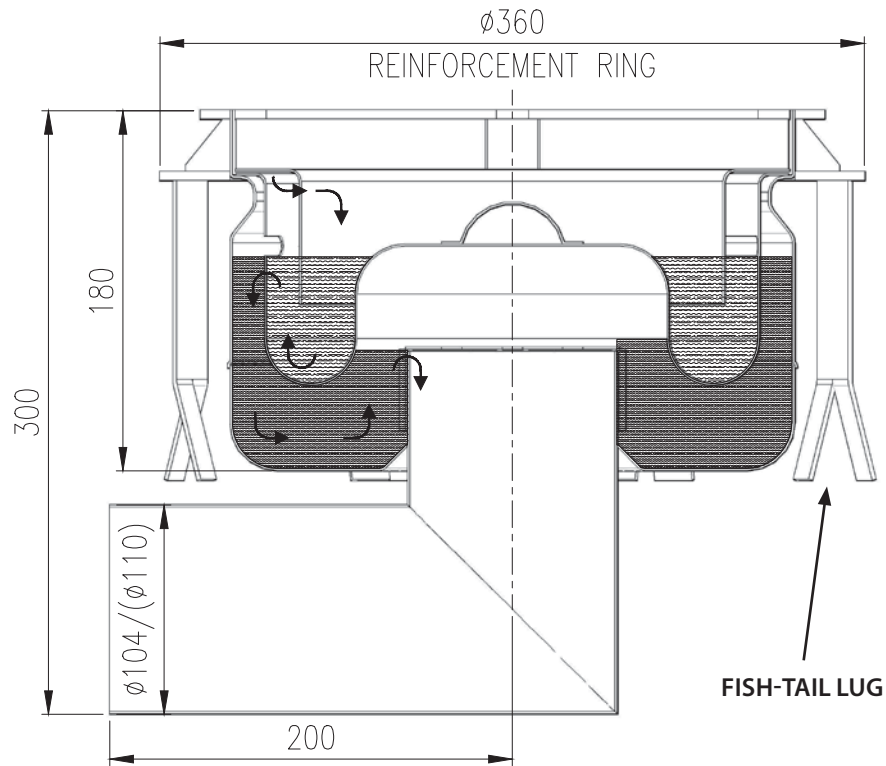
Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Holes
  - Flow Rate 4.5l/sec
  - Load Capacity 2500 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

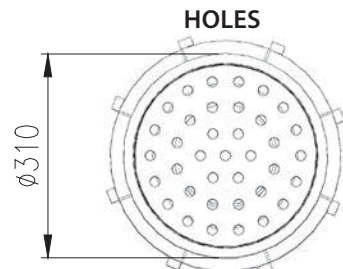
**TYPICAL APPLICATIONS:** Wherever there is a need for Higher Load Capacity - General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

**NOTE:** Floor finish to be specified.

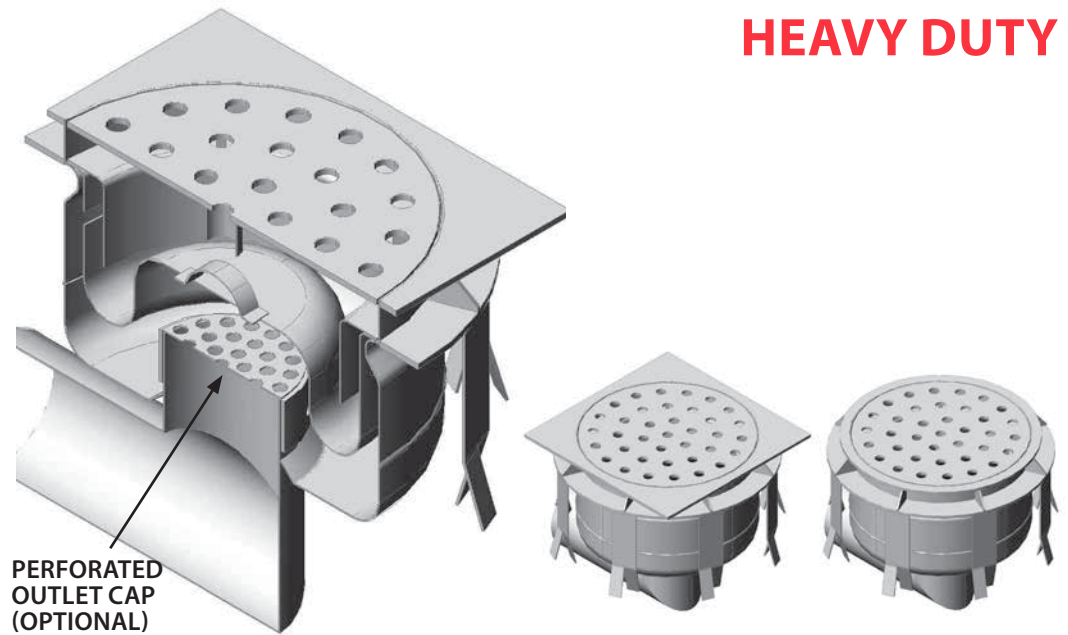




**SQUARE FLANGE  
FOR TILES FLOORS**



**ROUND FLANGE  
FOR EPOXY FLOORS**



### RO 280H NW100 Heavy Duty

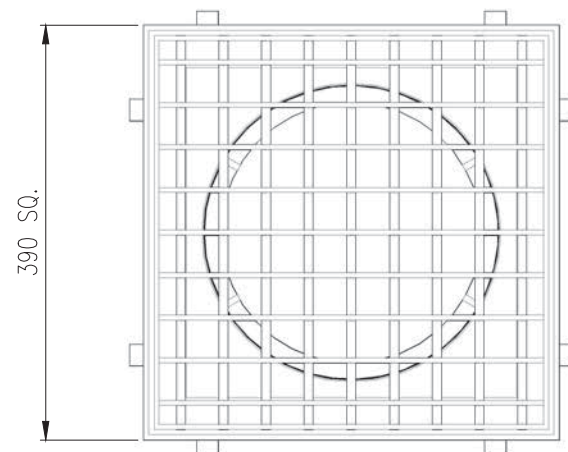
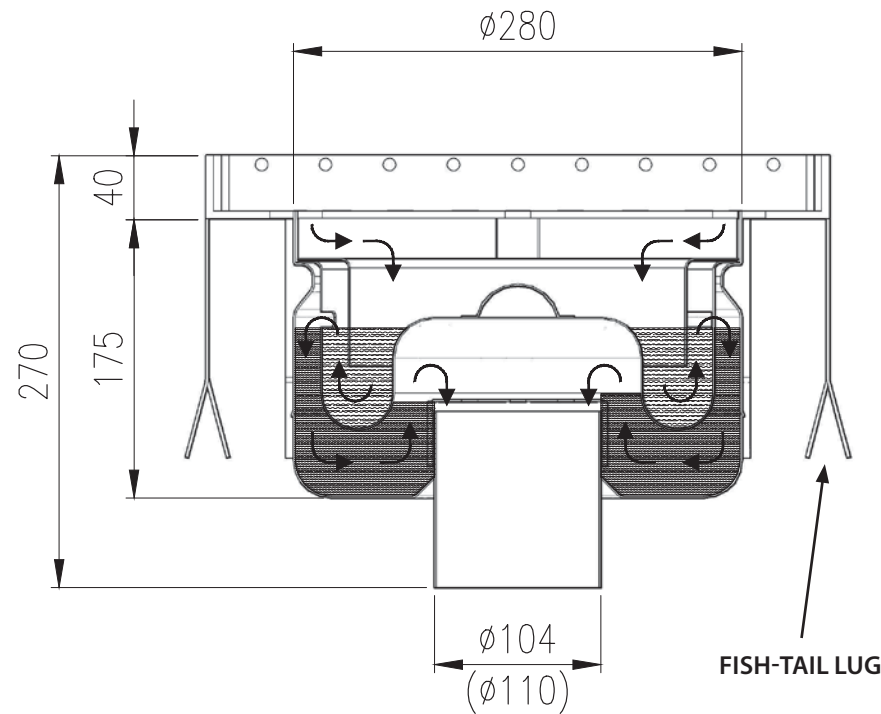
Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Holes
  - Flow Rate 4.5l/sec
  - Load Capacity 2500 kg
  - Outlet position Bottom Horizontal
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

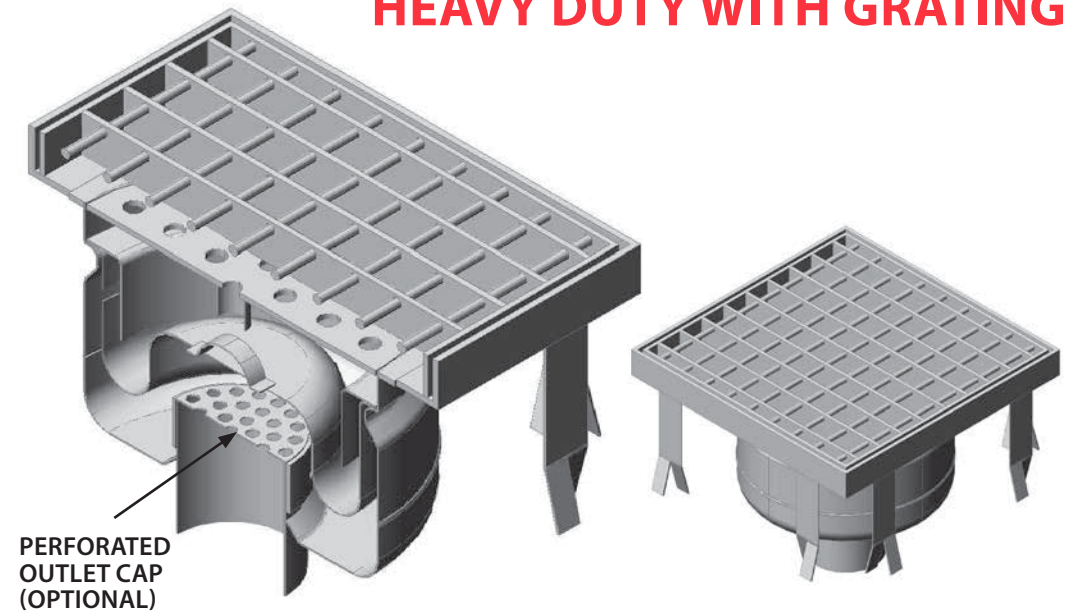
**TYPICAL APPLICATIONS:** Wherever there is a need for Higher Load Capacity - General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

**NOTE:** Floor finish to be specified.

## RO 280V NW100 HEAVY DUTY WITH GRATING



**SQUARE FLANGE FOR TILES FLOORS**



### RO 280V NW100 Heavy Duty with Grating

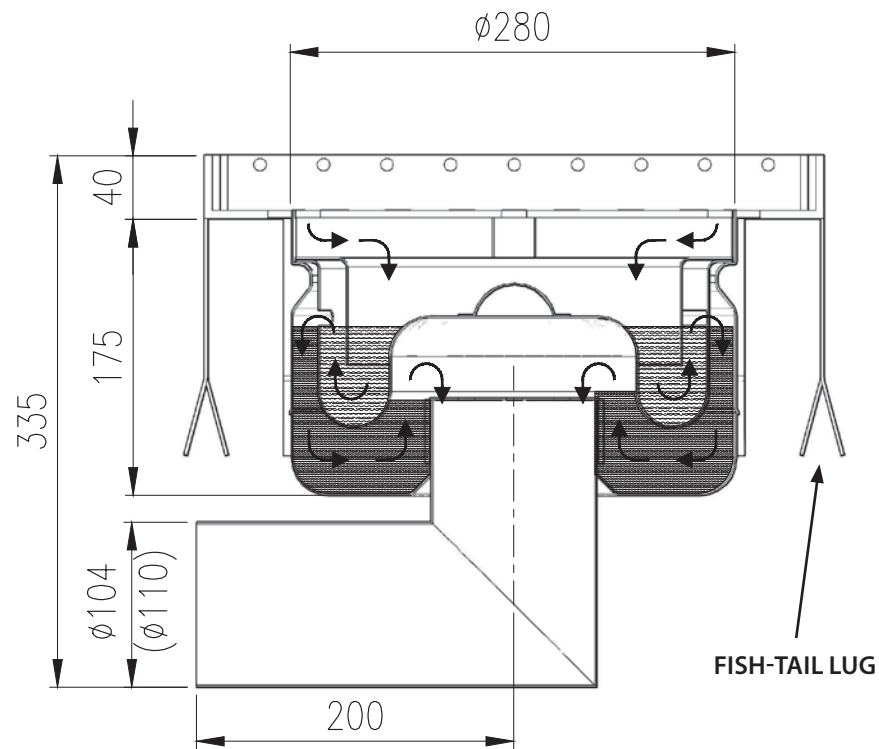
Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Grating Frame Type: Square
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 4.5l/sec
  - Load Capacity 2500 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** Wherever there is a need for Higher Load Capacity - General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

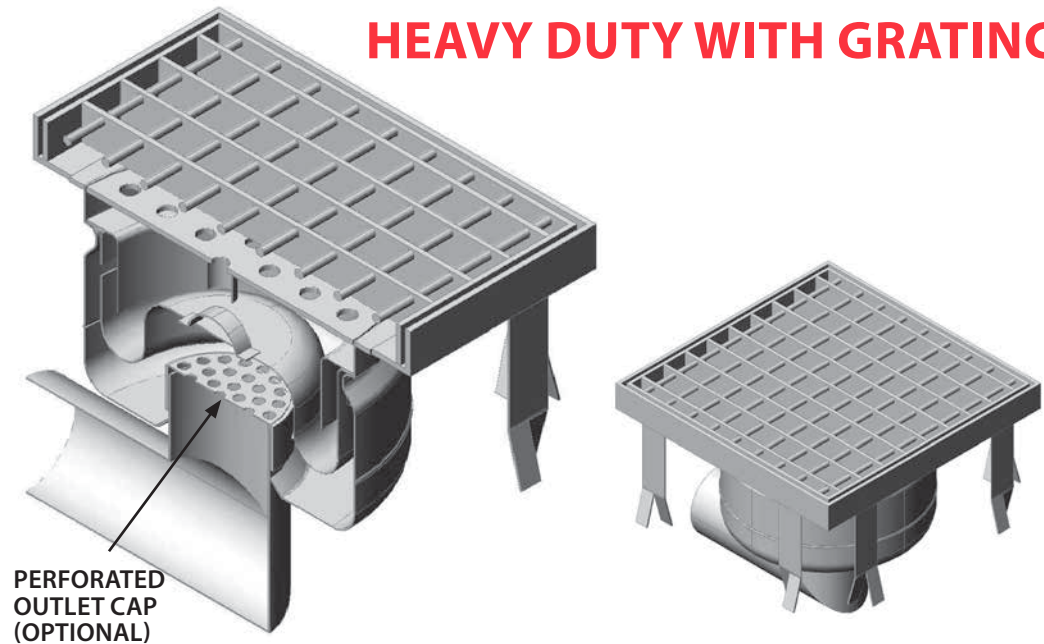
**NOTE:** Floor finish to be specified.





SQUARE FLANGE FOR TILES FLOORS

## RO 280H NW100 HEAVY DUTY WITH GRATING



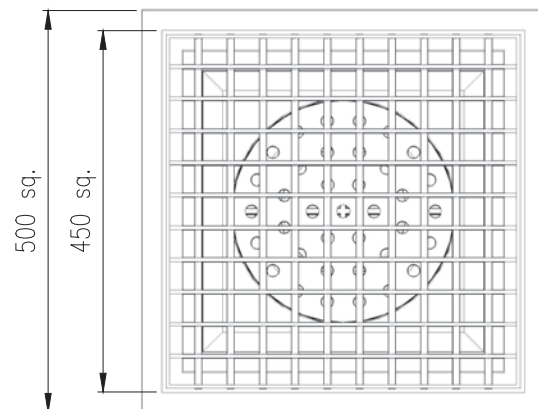
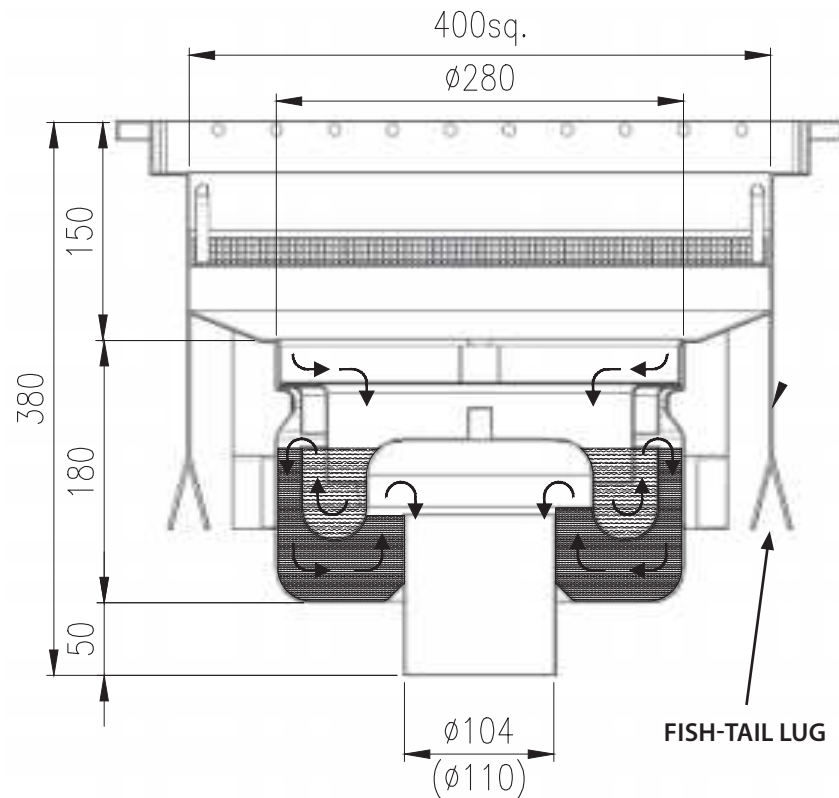
### RO 280H NW100 Heavy Duty with Grating

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Grating Frame Type: Square
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 4.5l/sec
  - Load Capacity 2500 kg
  - Outlet position Bottom Horizontal
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

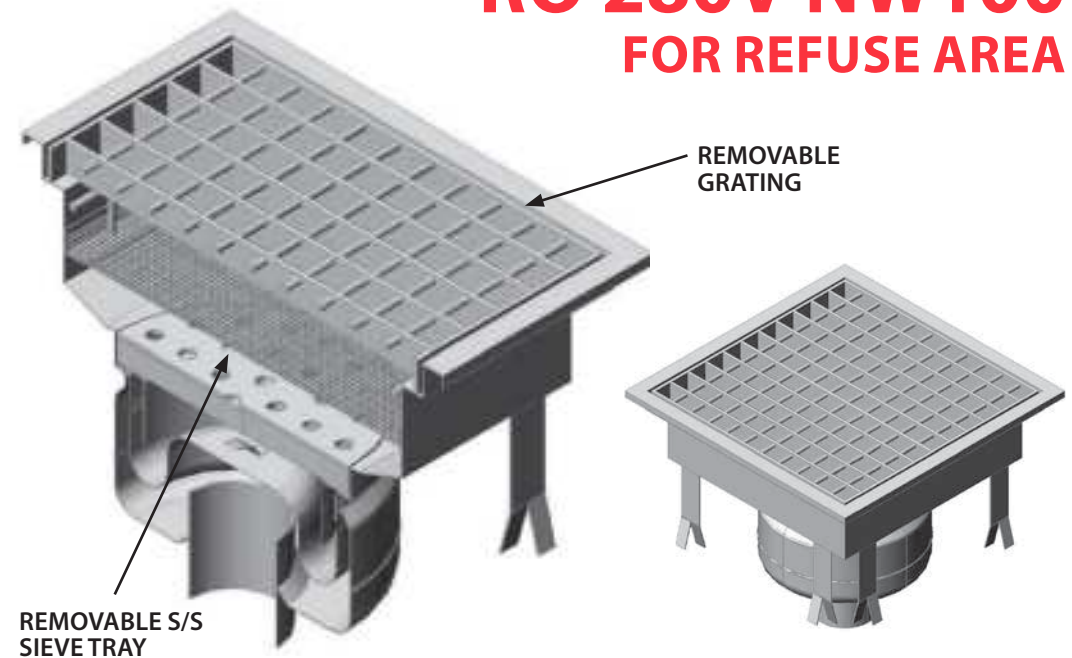
**TYPICAL APPLICATIONS:** Wherever there is a need for Higher Load Capacity - General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

**NOTE:** Floor finish to be specified.



**SQUARE FLANGE FOR TILES FLOORS**

## RO 280V NW100 FOR REFUSE AREA



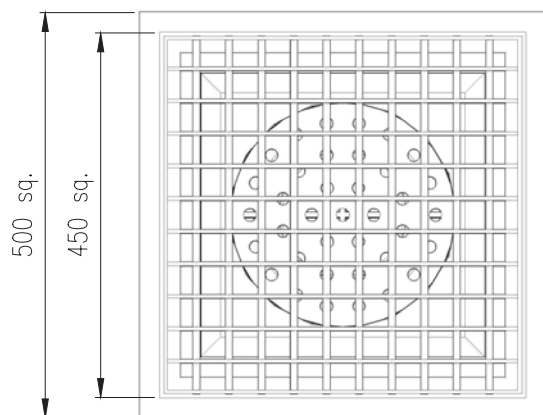
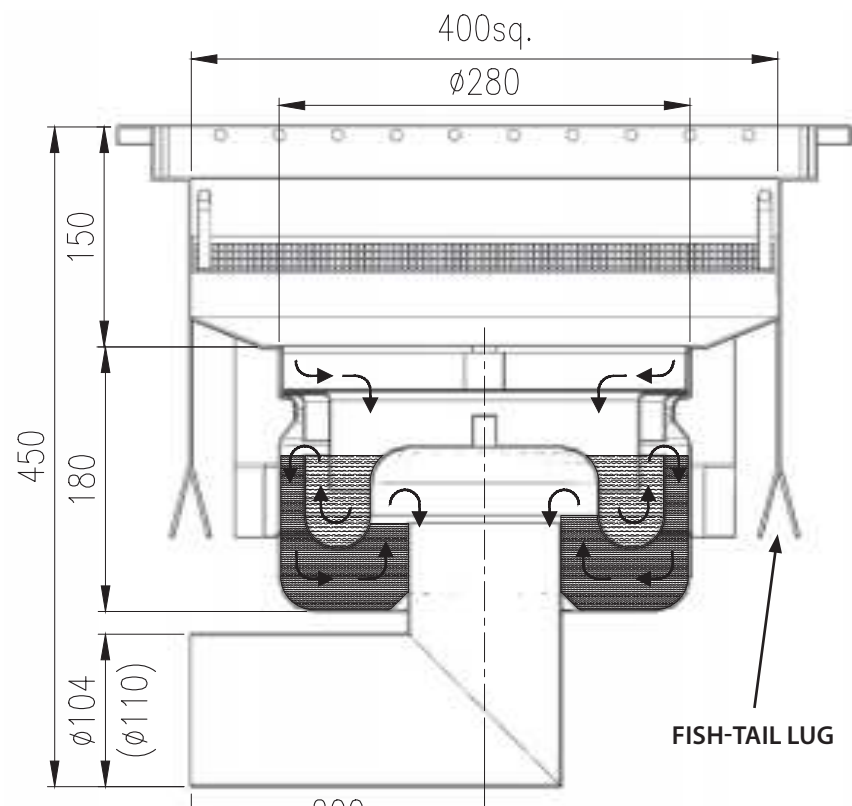
### RO 280V NW100 for Refuse Area

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Grating Frome Type: Square
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 4.5l/sec
  - Load Capacity 2500 kg
  - Outlet position Bottom Vertical
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

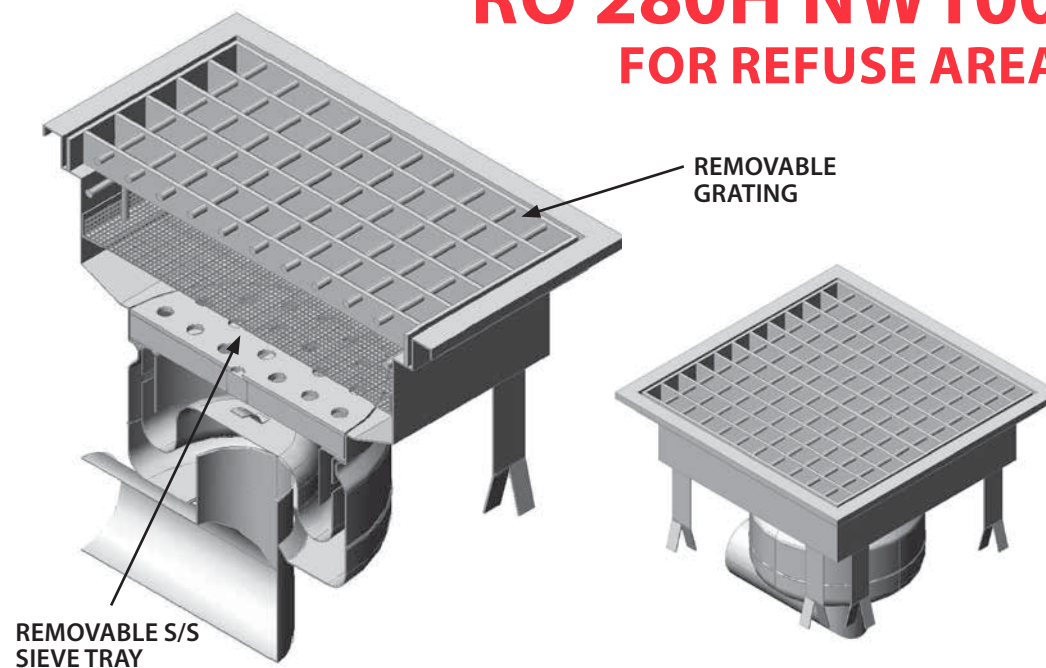
**TYPICAL APPLICATIONS:** REFUSE AREAS in General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

**NOTE:** Floor finish to be specified.



SQUARE FLANGE FOR TILES FLOORS

## RO 280H NW100 FOR REFUSE AREA



### RO 280H NW100 for Refuse Area

Unique Full Flow Floor Trap with the following features:

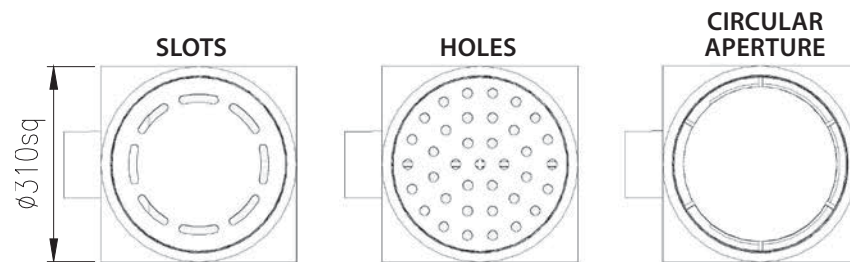
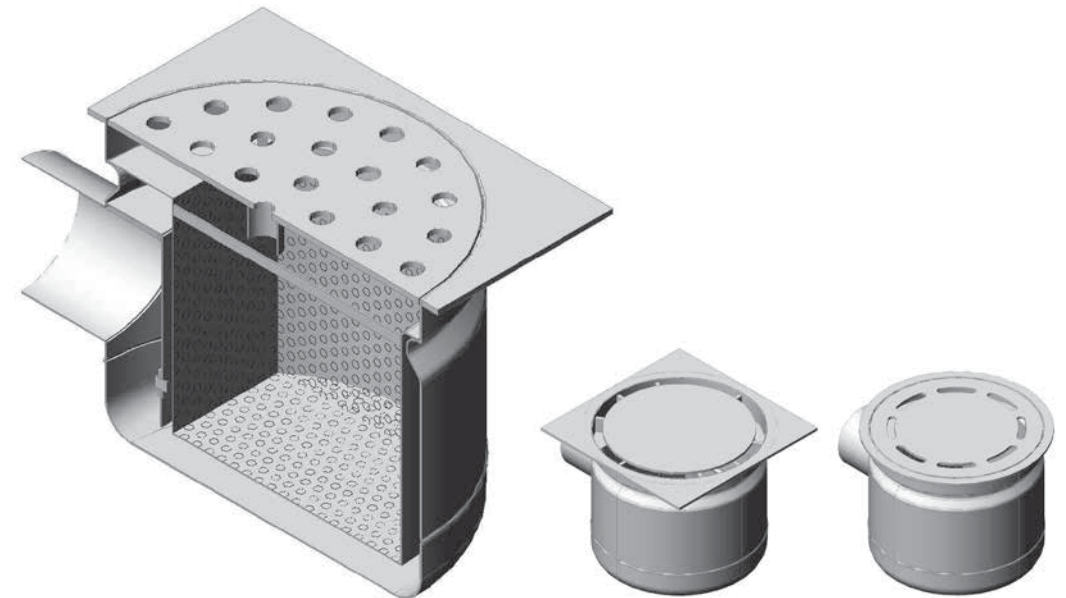
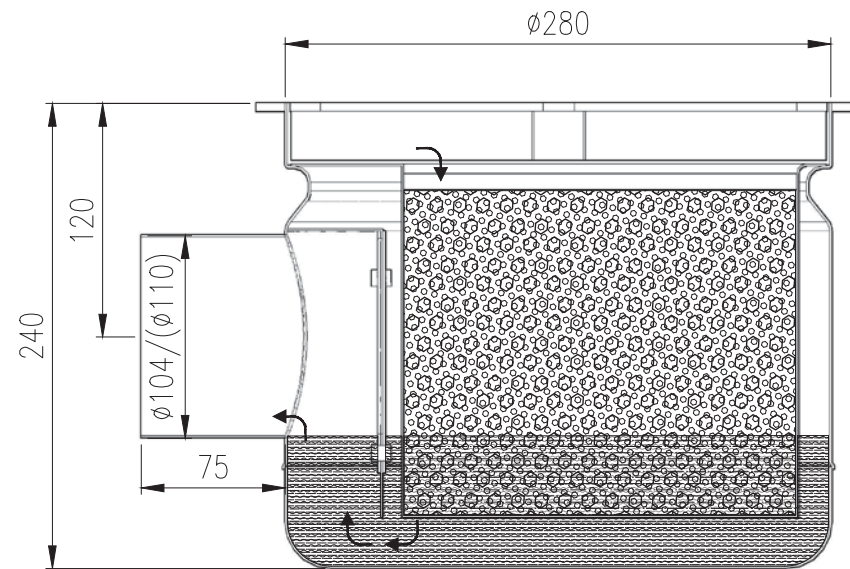
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A double water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Grating Frame Type: Square
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 4.5l/sec
  - Load Capacity 2500 kg
  - Outlet position Bottom Horizontal
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** REFUSE AREAS in General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries

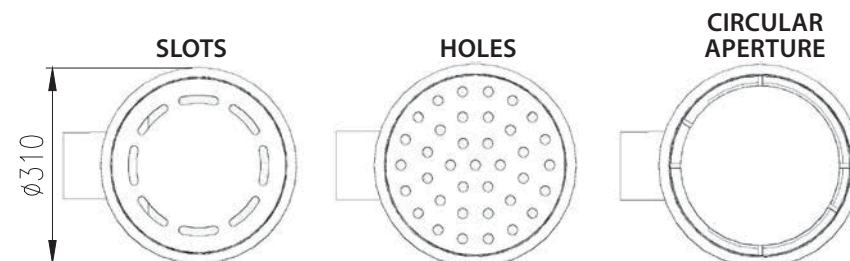
**NOTE:** Floor finish to be specified.



# RO 280JBH NW100



**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**

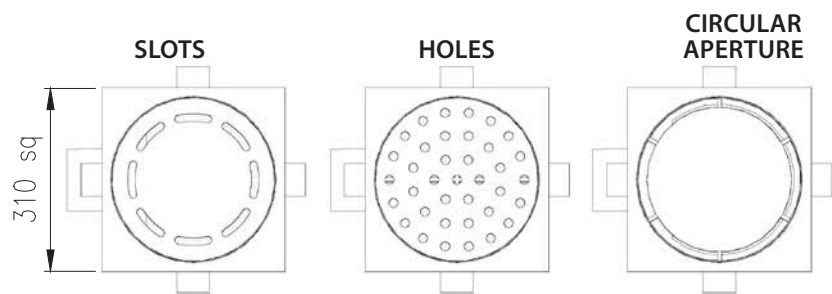
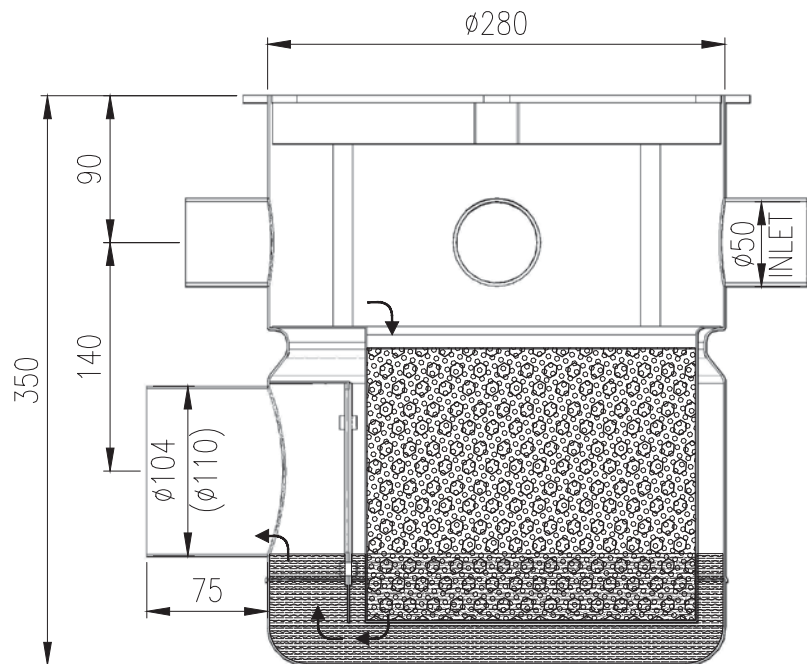
## RO 280JBH NW100

Unique Full Flow Floor Trap with the following features:

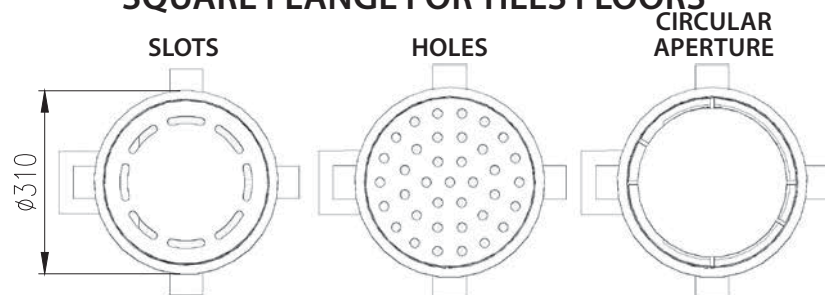
- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
  - Flow Rate 4.5l/sec
  - Load Capacity 1500 kg
  - Outlet position Side Horizontal
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** General Food Processing, Wine, Beverage, Dairy, Packaging etc. industries, Hotels, Shopping Malls etc.

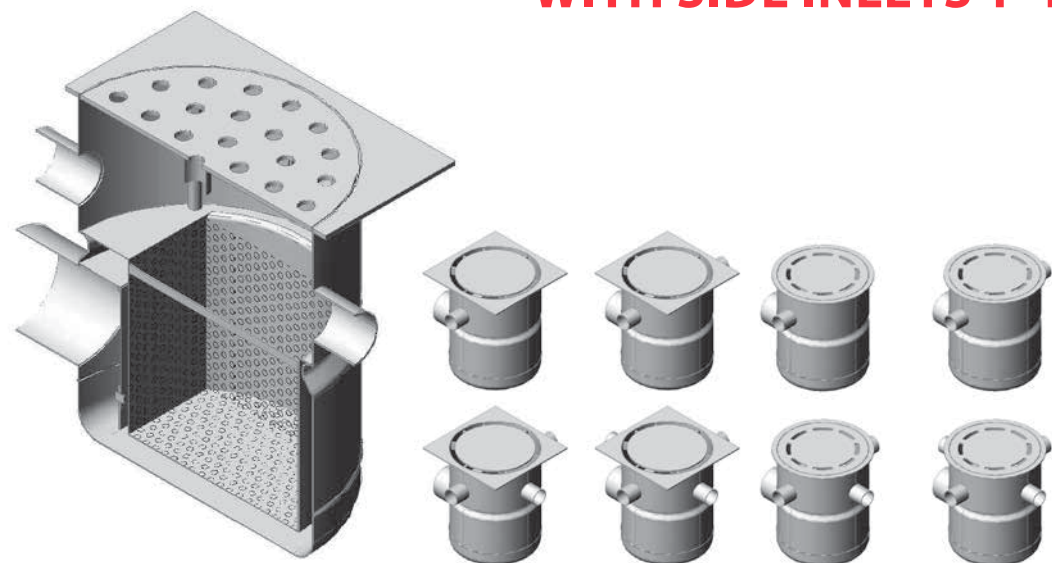
**NOTE:** Floor finish to be specified.



**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**



## RO 280JBSh NW100 WITH SIDE INLETS 1-4

### RO 280JBSh NW100 with Side Inlets 1-4

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A large sludge box which retains all the coarse slurry.
- Easy to dismantle.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Circular aperture / Slots / Holes - as requested
- Extension for side inlets: 1, 2, 3 or 4 inlets
  - Flow Rate 4.5l/sec
  - Load Capacity 1500 kg
  - Outlet position Side Horizontal
  - Outlet pipe Outside Diameter 104mm / 110mm as requested

**TYPICAL APPLICATIONS:** Wherever there is a need to connect sinks directly to the floor trap under the ground - General Food Processing, Restaurants, Steak Houses, Kitchens, Dining Halls etc.

**NOTE:** Floor finish to be specified.



# Rofo Engineering

## SHOWER TRAPS RO 100

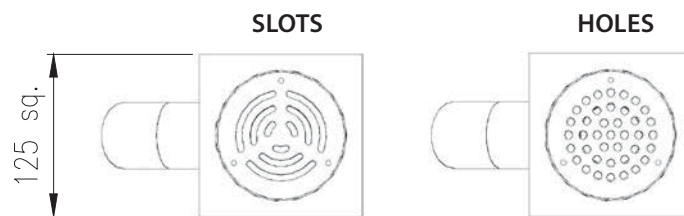
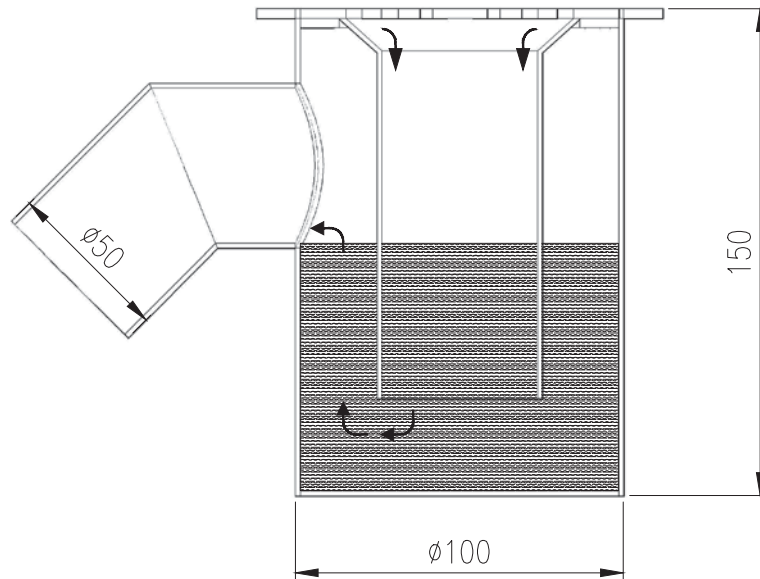
- *RO 100 Shower Trap*
- *RO 100 Shower Trap with Water Proofing Flange*

# Rofo Engineering

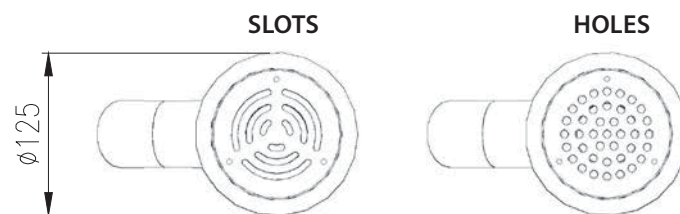
## RO 100 SHOWER TRAP RANGE



# RO 100



**SQUARE FLANGE FOR TILES FLOORS**



**ROUND FLANGE FOR EPOXY FLOORS**

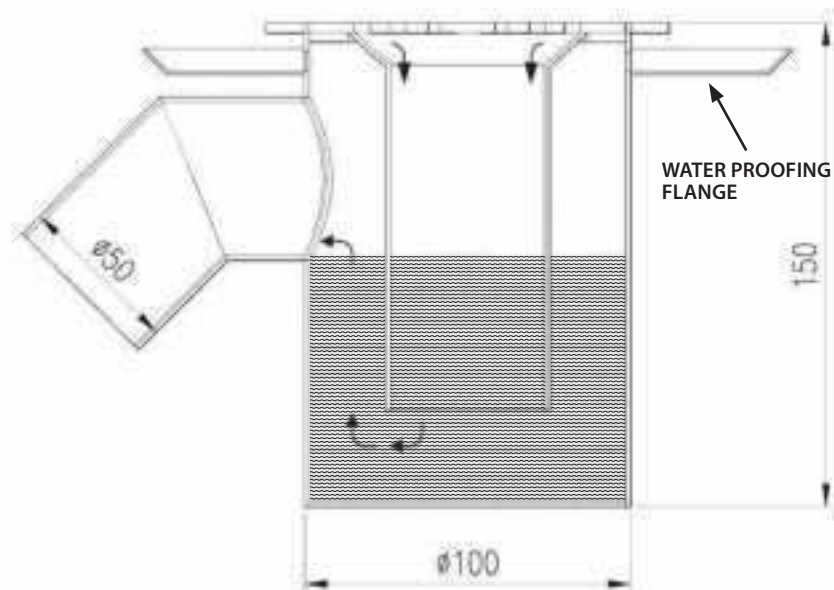
## RO 100 Shower Trap

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Slots / Holes - as requested
  - Flow Rate 0.8l/sec
  - Load Capacity 400 kg
  - Outlet position Side 45°
  - Outlet pipe Outside Diameter 50.8mm

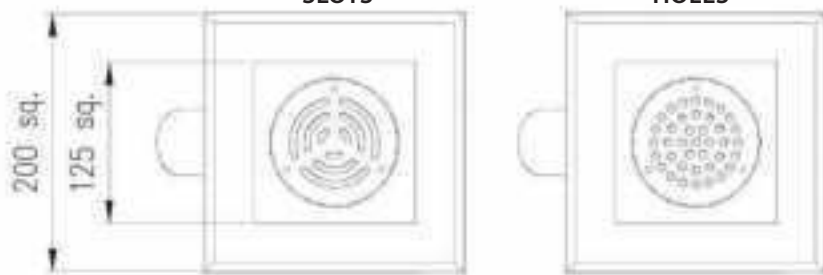
**TYPICAL APPLICATIONS:** Private and Public Bathrooms, Restrooms, Hotels, Hospitals etc.

**NOTE:** Floor finish to be specified.



SLOTS

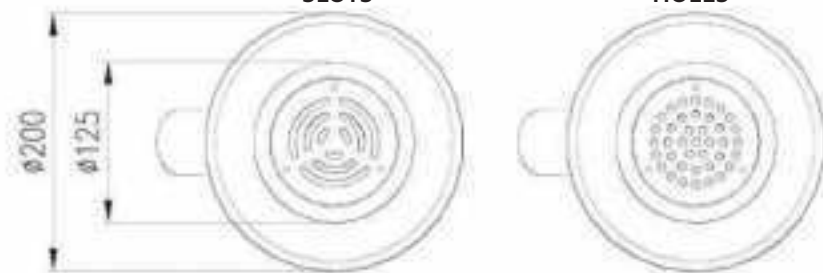
HOLES



SQUARE FLANGE FOR TILES FLOORS

SLOTS

HOLES



ROUND FLANGE FOR EPOXY FLOORS

## RO 100 WITH WATER PROOFING FLANGE



### RO 100 Shower Trap with Water Proofing Flange

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- A single water seal to ensure odour-free operation.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- The discharge pipe is fully accessible once the drain has been dismantled.
- Top Flange Type: Round (For Epoxy Floors) or Square (For Tiled Floors)
- Top Cover Plate Type: Slots / Holes - as requested
- Water Proofing Flange Type: Round or Square
- Flow Rate 0.8l/sec
- Load Capacity 400 kg
- Outlet position Side 45°
- Outlet pipe Outside Diameter 50.8mm

**TYPICAL APPLICATIONS:** Private and Public Bathrooms, Restrooms, Hotels, Hospitals etc.

**NOTE:** Floor finish to be specified.



# Rofo Engineering

## **FLOOR CHANNELS ROC 250**

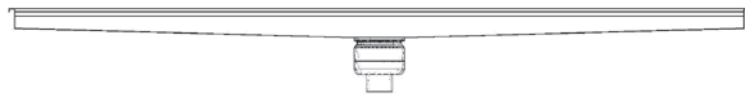
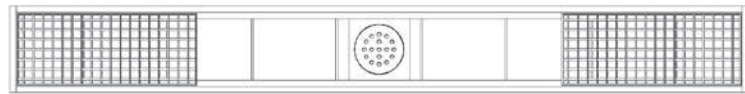
- *ROC 250 Channel*
- *ROC 250 Technical Specification & Installation*
- *Rofo Strip (Slot) Channel*

# Rofo Engineering

## ROC 250 FLOOR CHANNEL RANGE

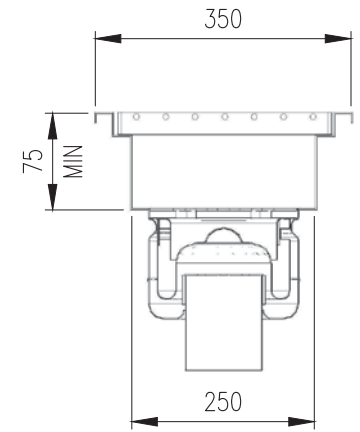
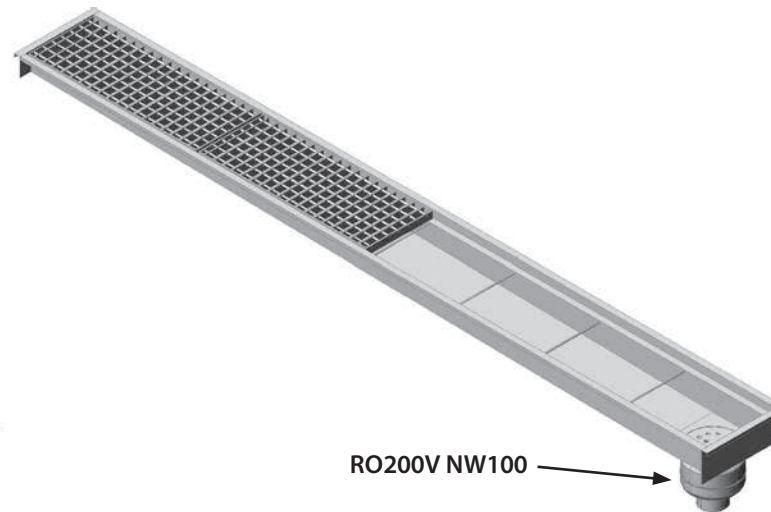
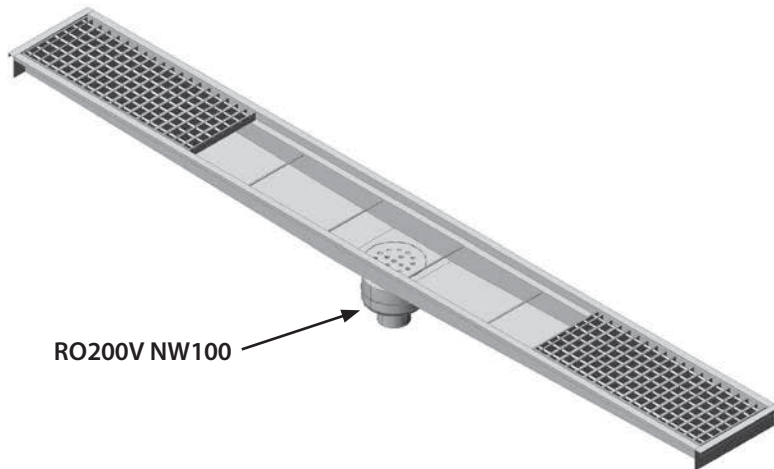


# ROC 250

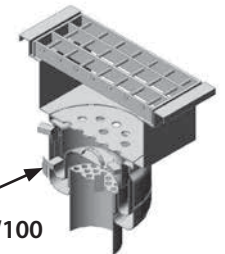


CENTER OUTLET

SIDE OUTLET



SECTION



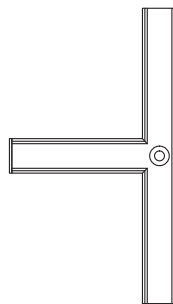
RO200V NW100



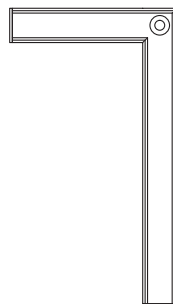
FLANGE END



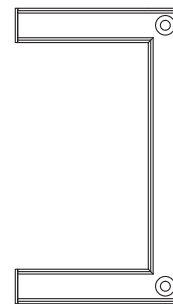
STRAIGHT  
SHAPE



T - SHAPE



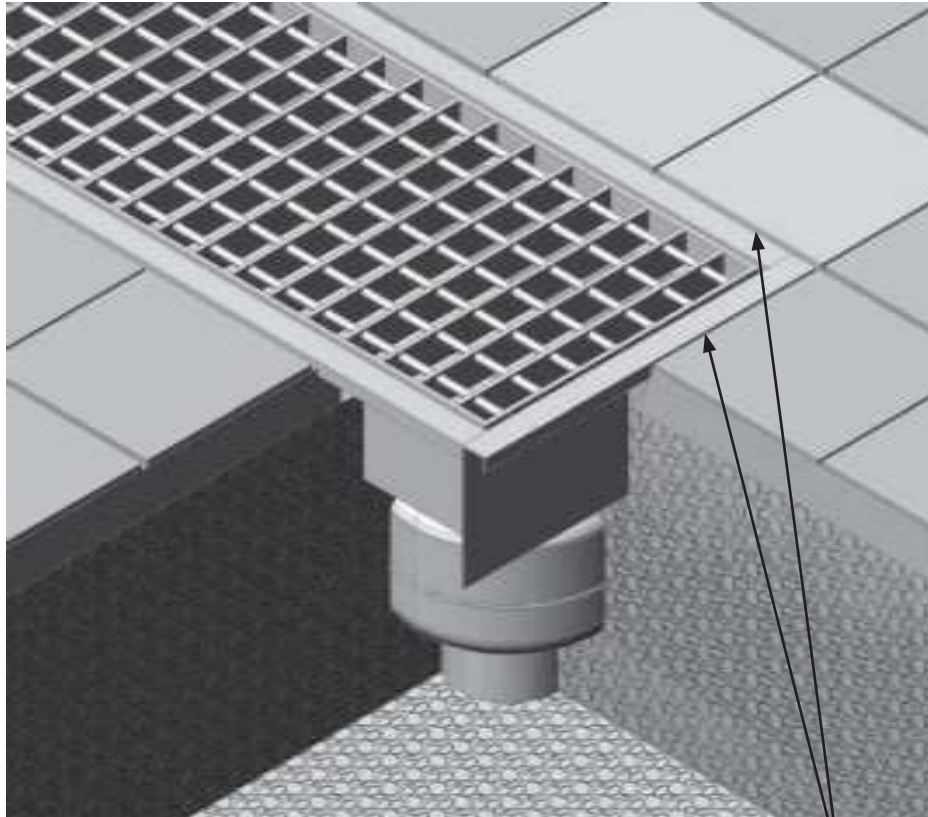
L - SHAPE



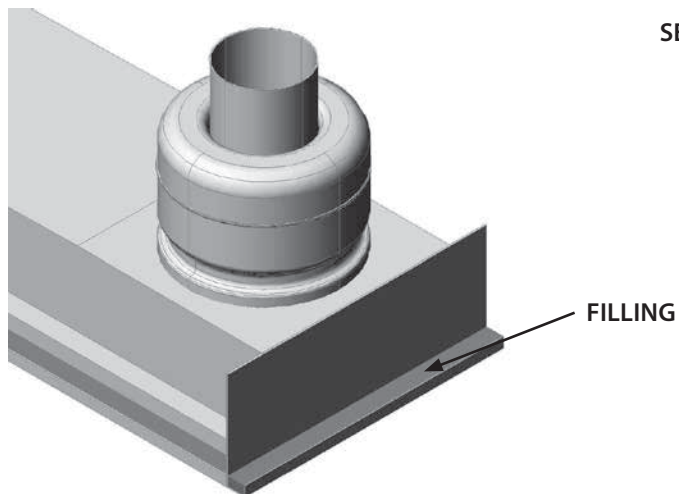
U - SHAPE

## ROC 250 Floor Channel

Used in the following industries: food processing plants, beverage, beer, wine, dairy plants, kitchens, hospitals, hotels, restaurants, chemical plants, mines, etc.



SEALANT



FILLING

## ROC 250

### TECHNICAL SPECIFICATION & INSTALLATION

#### DRAINAGE CHANNELS

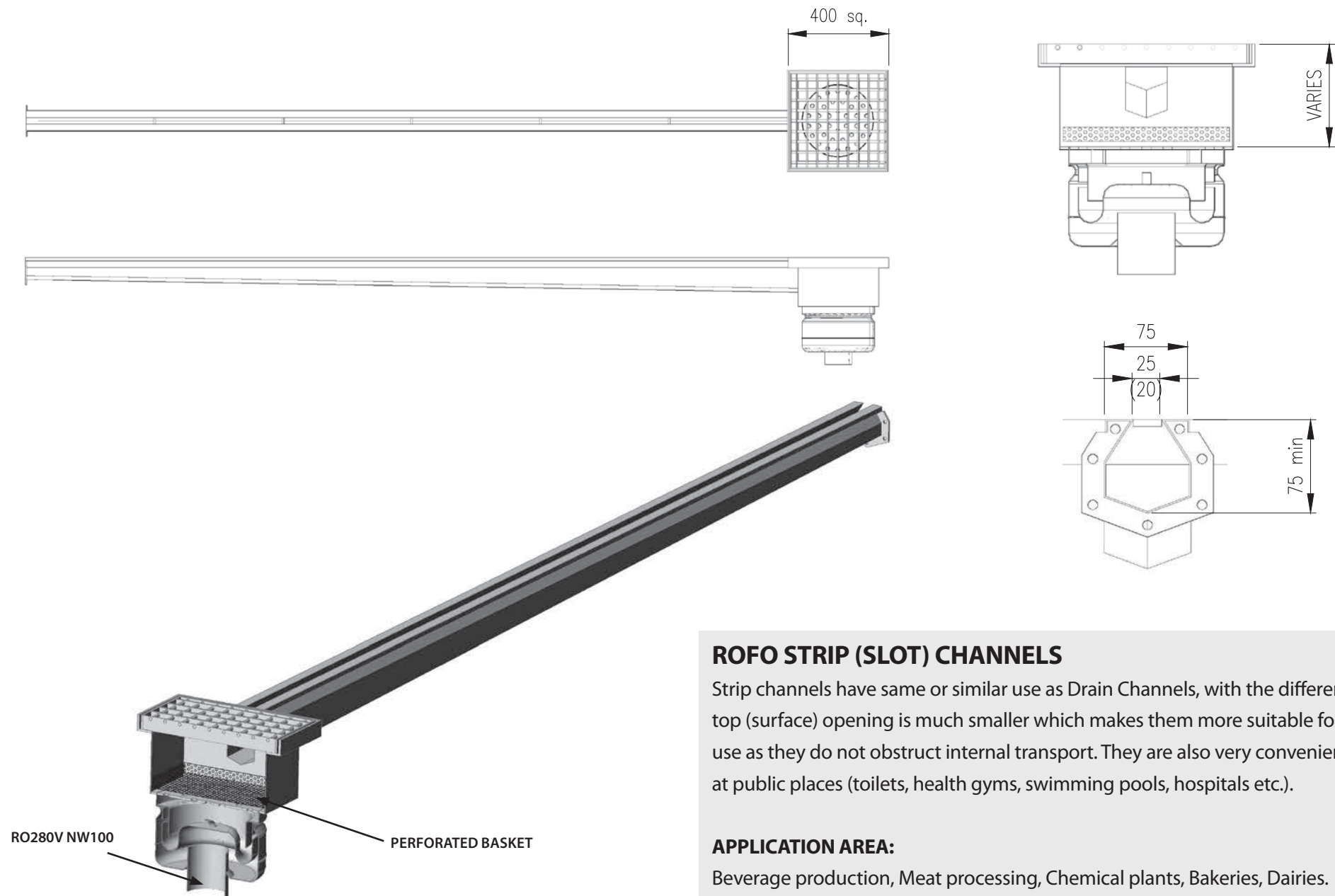
- Drainage channels are required wherever surface liquids have to be drained from the wide area of floor and especially at the Wash-down areas (e.g. food production and kitchens).
- Standard Channels are designed with the bottom slope of 1% and do not require slope of the floor for draining. In combination with the appropriate floor drains at the channel outlet full drainage effect is achieved. Position of the outlet can be central or side depending on the channel layout.
- Standard Drainage Channels are supplied with Standard ROFO Stainless Steel Grating cover, but they can also be supplied with any other type of cover for special applications. However, regardless of type of cover used they are all designed to be durable enough to carry normal traffic.
- On request channels can be also equipped with mesh trays to prevent solid particulars to get into a channel. This especially if floor drains are not implemented.
- Drainage channels are easy to clean and fully visible inside, which makes them easy for maintenance.
- Drainage Channels are manufactured to any layout from Stainless Steel to ensure acid corrosion and stain resistance.
- Surfaces are smooth for easy cleaning, minimum dirt collection and high flow rates.

#### INSTALLATION GUIDE:

1. If the channel is installed in a recess, the recess should be min 100 mm wider and 50 mm deeper than the channels outer dimensions. Take to the account of anchor lugs or leveling bolts for correct height adjustment and placement in the concrete.
2. Infill underside of the edge profile.
3. Cast around the channel with concrete ensuring the channel is properly supported to prevent deformation.
4. Seal the interface between the channel and the floor finish with a suitable joint sealant.



# ROFO STRIP (SLOT) CHANNEL



## ROFO STRIP (SLOT) CHANNELS

Strip channels have same or similar use as Drain Channels, with the difference that top (surface) opening is much smaller which makes them more suitable for industrial use as they do not obstruct internal transport. They are also very convenient for use at public places (toilets, health gyms, swimming pools, hospitals etc.).

### APPLICATION AREA:

Beverage production, Meat processing, Chemical plants, Bakeries, Dairies.

# Rof Engineering

# Rofo Engineering

## **GREASE TRAPS ROGT**

- ***ROGT 500***
- ***ROGT 700***
- ***ROGT 1700 - 3 Compartment***
- ***ROGT 1700 - Underground Installation***
- ***ROGT 400 DIA***
- ***ROGT OK FOODS***
- ***ROGT 2000 / 2 lit/sec***
- ***ROGT 2000 / 4 lit/sec***
- ***ROGT 2000 / 7 lit/sec***
- ***ROGT 2000 / 10 lit/sec***
- ***ROGT 2000 - Underground Installation***
- ***RO SOW (Sand / Oil / Water) SEPARATOR***

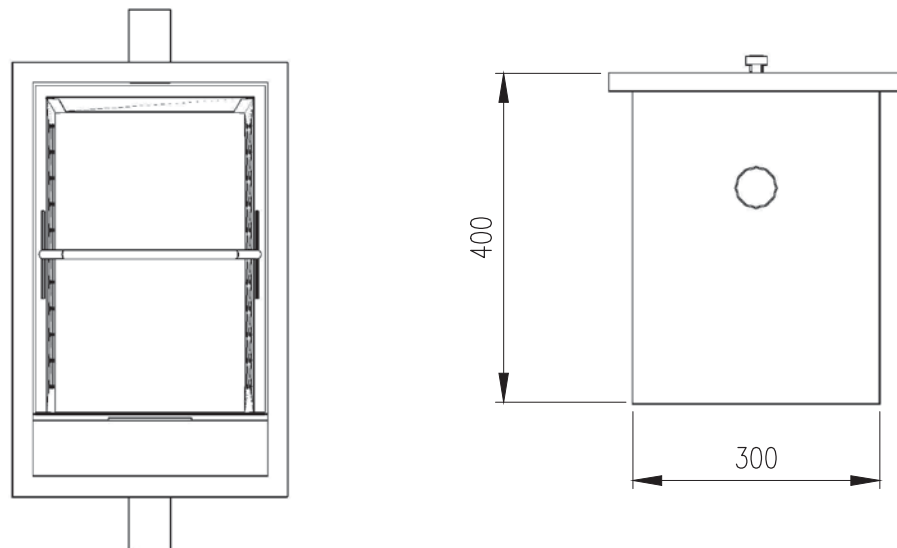
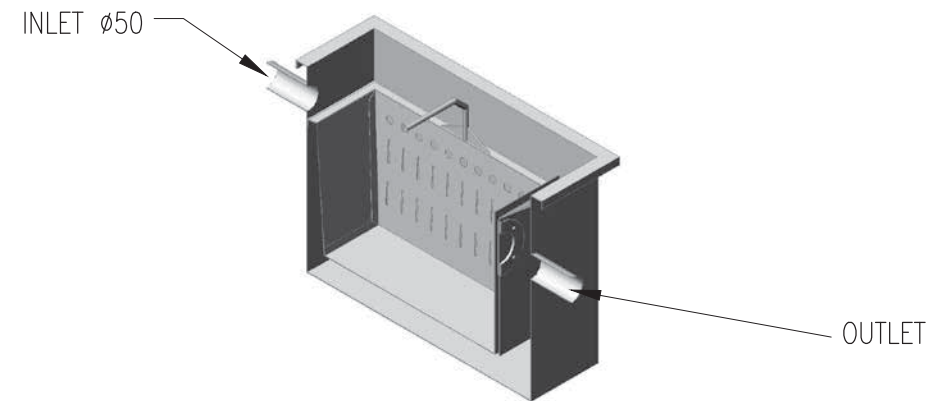
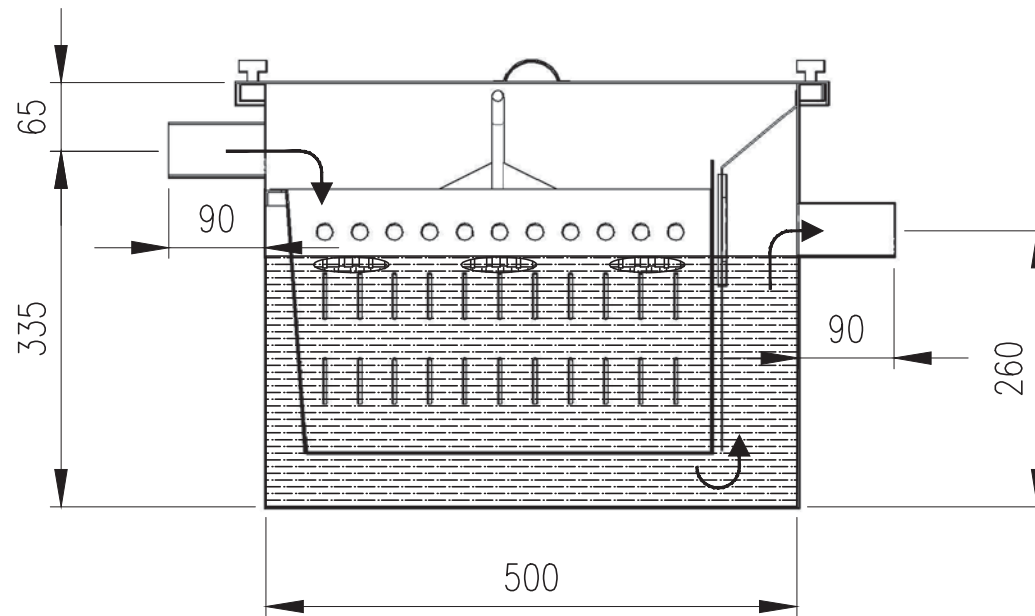
# Rofo Engineering

## ROGT GREASE TRAPS RANGE





# ROGT 500



## ROGT 500 Grease Trap

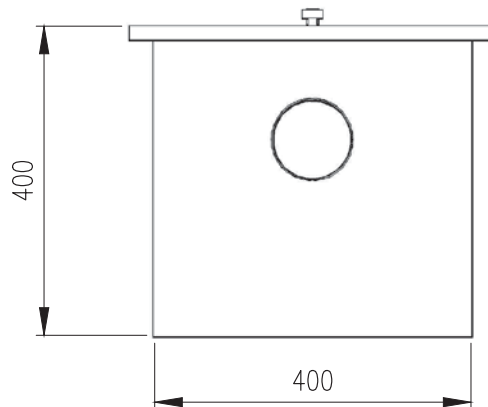
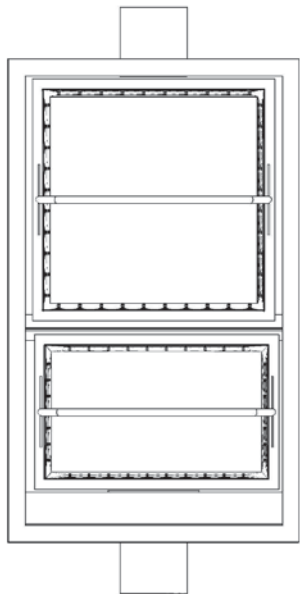
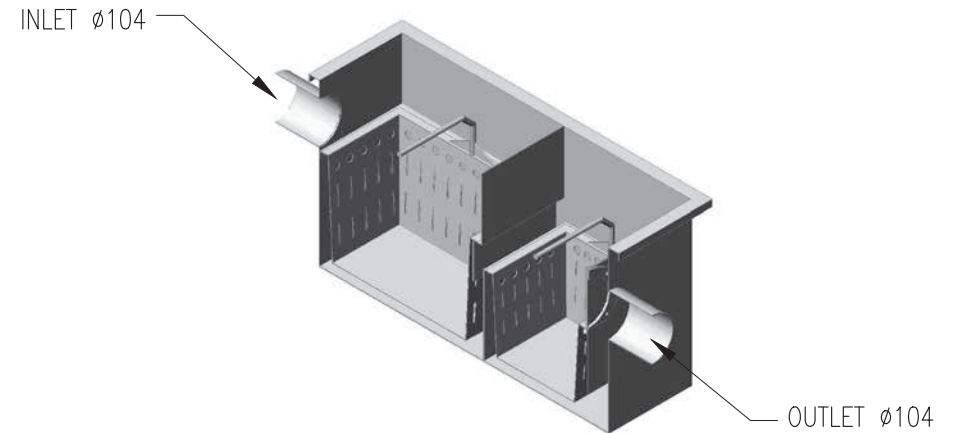
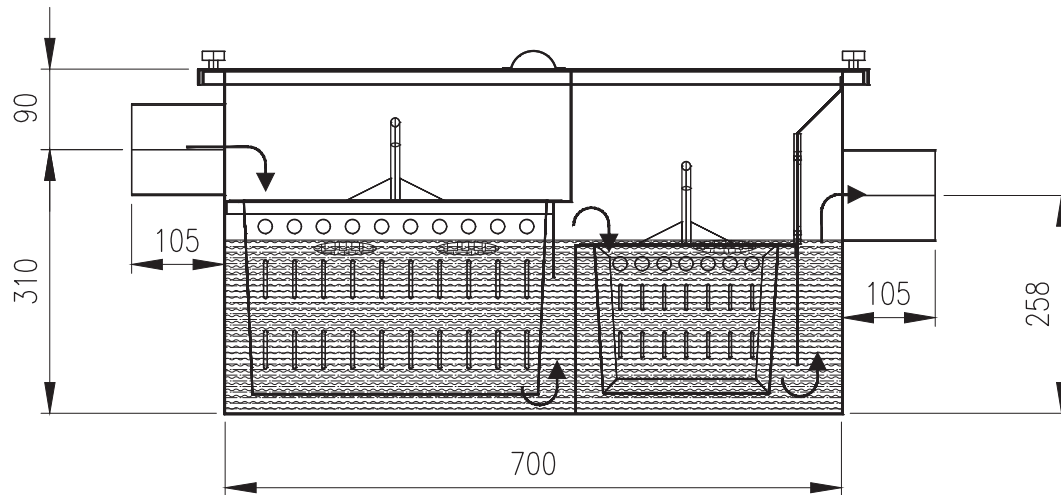
### Features:

- Manufactured from Stainless Steel to ensure acid corrosion and stain resistance
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates
- Single phase separation
- A large solid strainer basket with draining slots
- Easy to remove cover and basket;
- The discharge pipe is fully accessible once the inspection cover has been dismantled;
- Flow Rate: 1.5l/sec
- Material Stainless Steel 304
- Size (L)x(H)x(W) = 500x400x300
- Inlet /Outlet 50mm

**TYPICAL USES:** Coffee Shops, Restaurants, Super Markets, Fast Food Outlets

**NOTE:** Trap can be built into floor under the sink or can be free standing next to sink if space is available

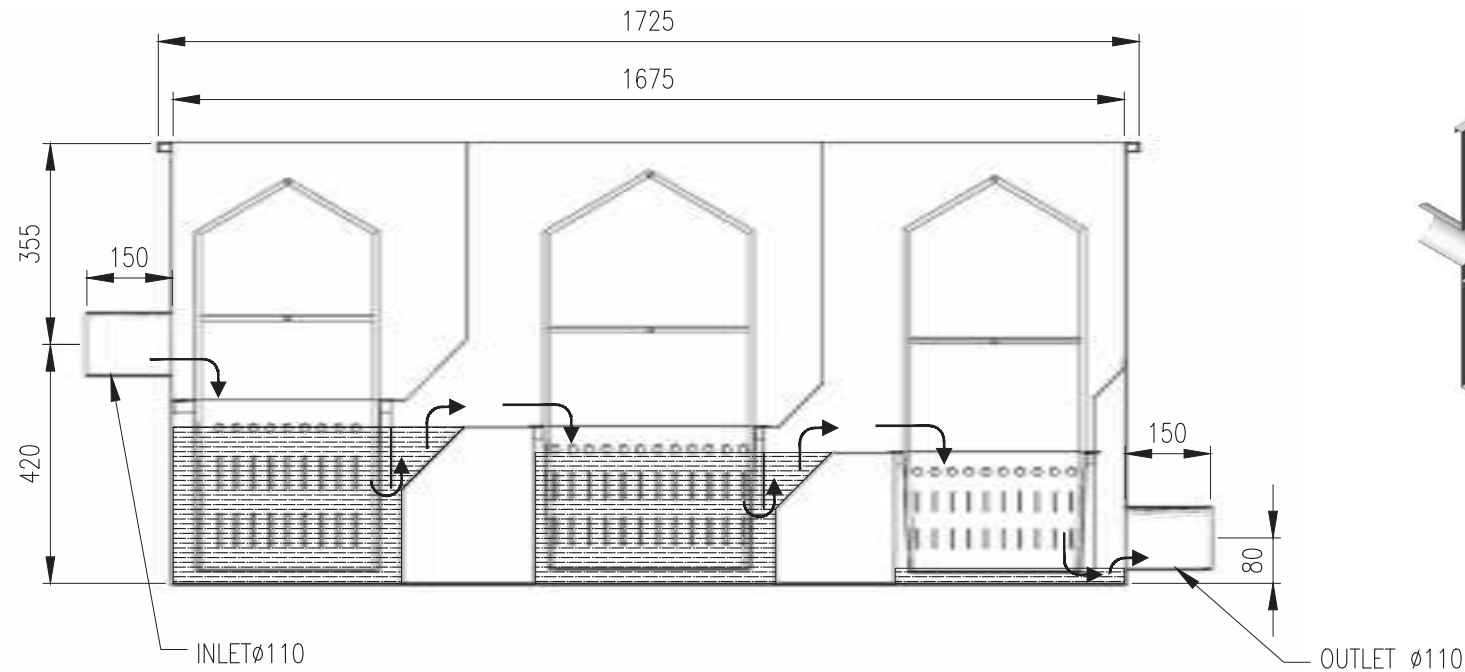
## ROGT 700

**ROGT 700 Grease Trap****Features:**

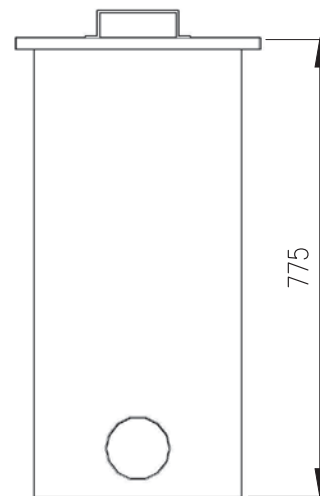
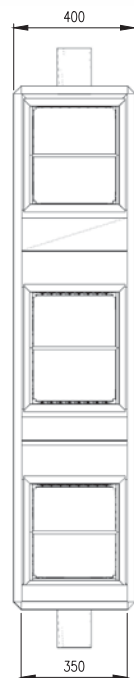
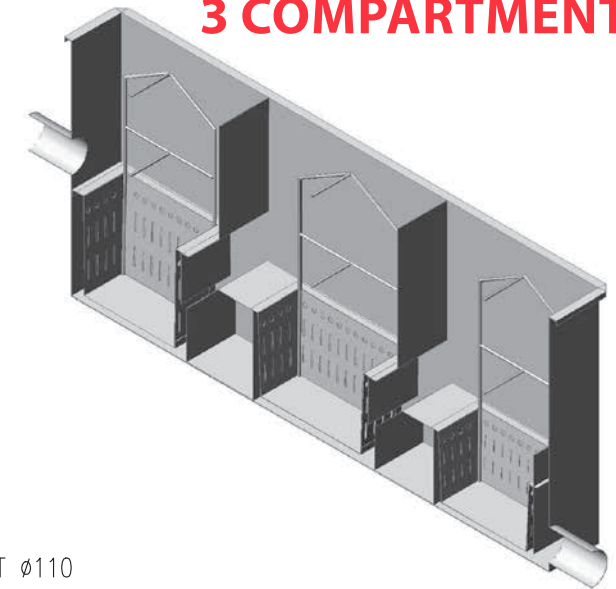
- Manufactured from Stainless Steel to ensure acid corrosion and stain resistance;
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates;
- Double phase separation
- Two large strainer baskets with draining slots
- Easy to remove cover and baskets for cleaning;
- The discharge pipe is fully accessible once the inspection cover has been dismantled
- Flow Rate: 4.5l/sec
- Material Stainless Steel 304
- Size (L)x(H)x(W) = 700x400x400
- Inlet/Outlet 50 or 100mm / 110mm

**TYPICAL USES:** Restaurants, Steak Houses, Commercial Kitchens, Butcheries, Bakeries, Super Markets

**NOTE:** Trap can be built into floor under the sink or can be free standing next to sink if space is available



## ROGT 1700 3 COMPARTMENT



### ROGT 1700 Three Compartment Grease Trap

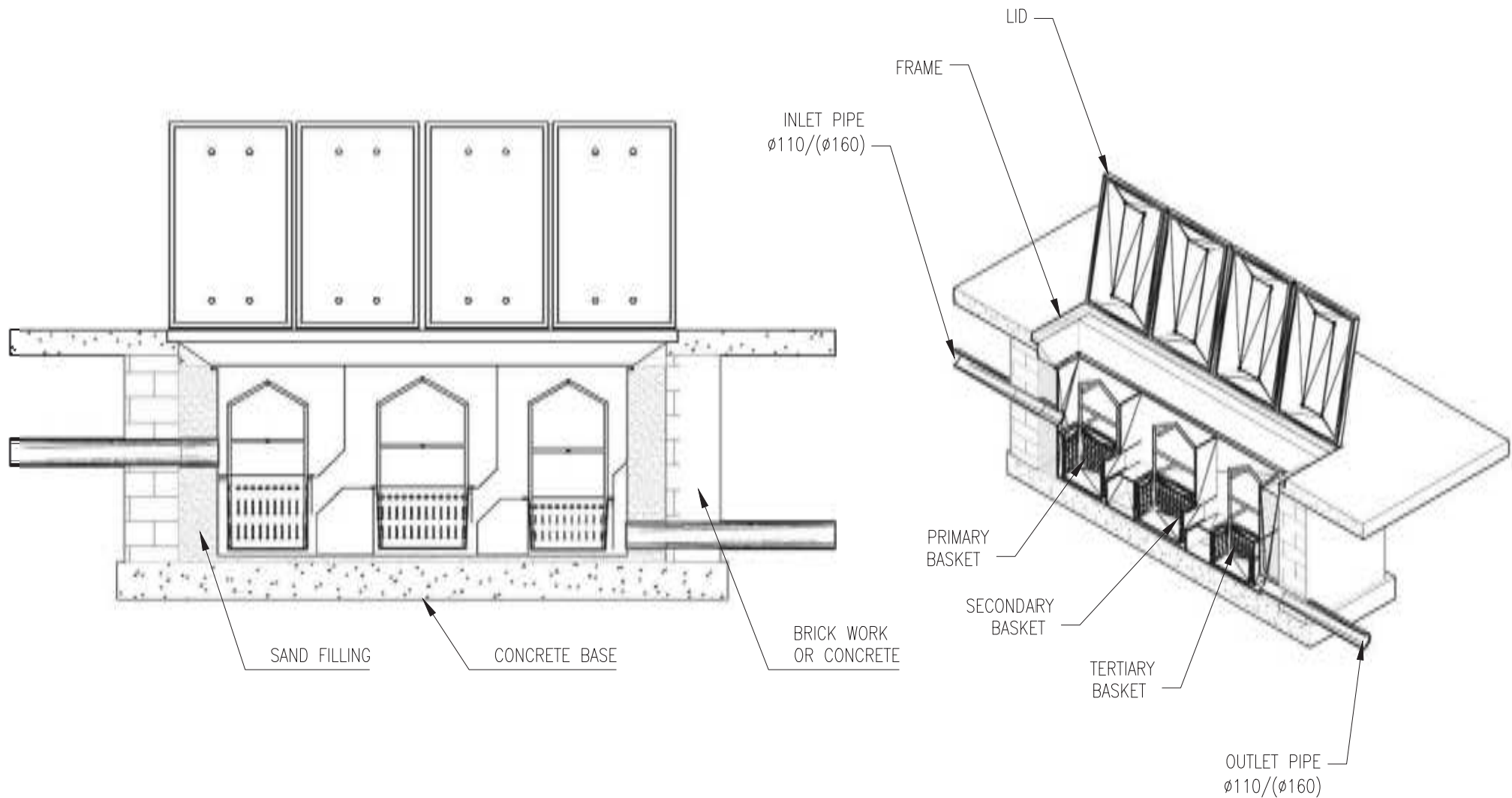
#### Features:

- Manufactured from Stainless Steel to ensure acid corrosion and stain resistance;
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates;
- Triple phase separation
- Three large strainer baskets with draining slots
- Size, number and position of slots is accommodating primary, secondary and tertiary separation
- Easy to remove cover and baskets for cleaning;
- The discharge pipe is fully accessible once the inspection cover has been dismantled
- Flow Rate: 4.5l/sec
- Material Stainless Steel 304
- Size (L)x(H)x(W) = 1725x 775x400
- Inlet/Outlet 100mm / 110mm

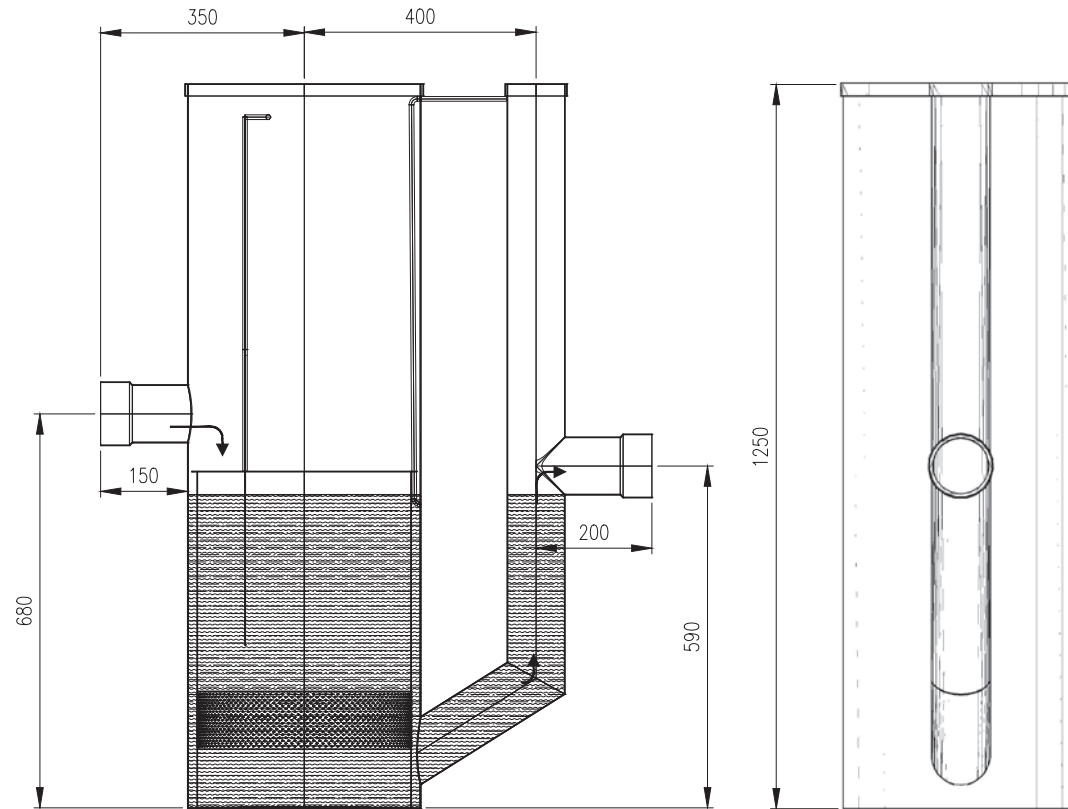
**TYPICAL USES:** Hotels, Hospitals, Food Factories, Catering Industry, Commercial & Industrial Kitchens

# ROGT 1700

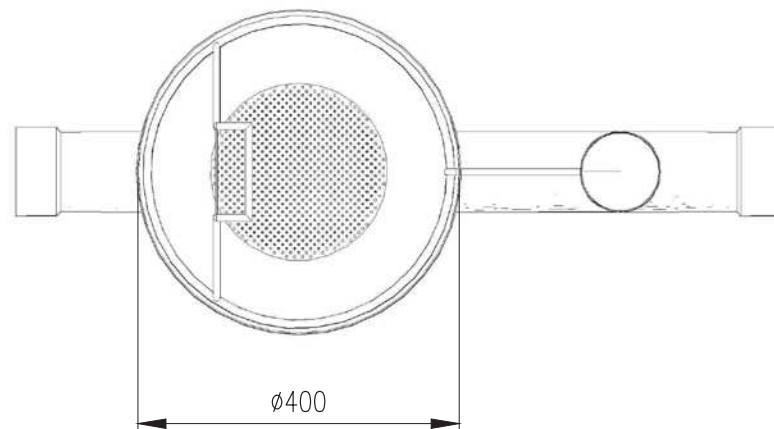
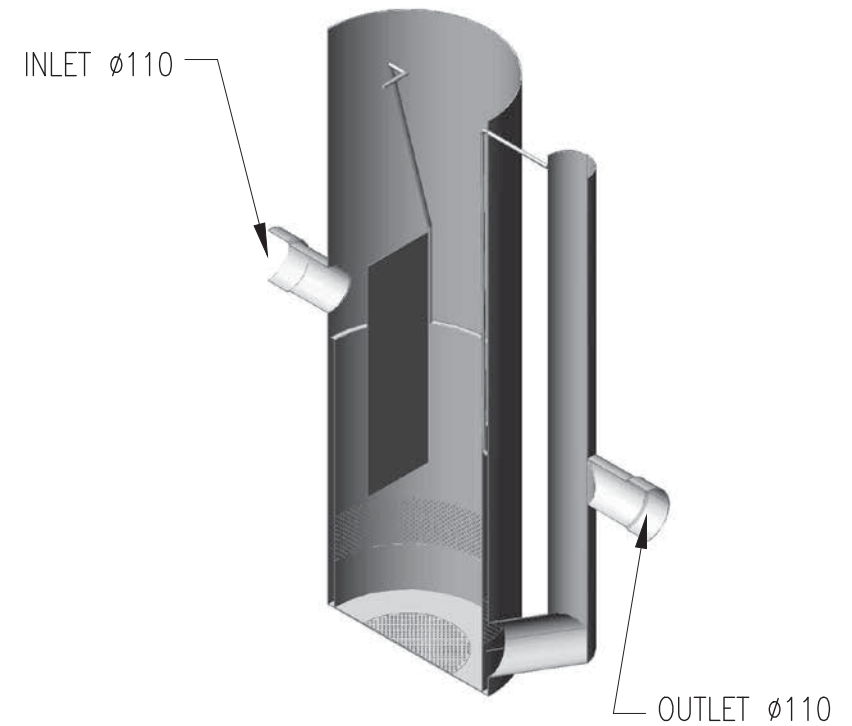
## 3 COMPARTMENT UNDERGROUND INSTALLATION







## ROGT 400 DIA



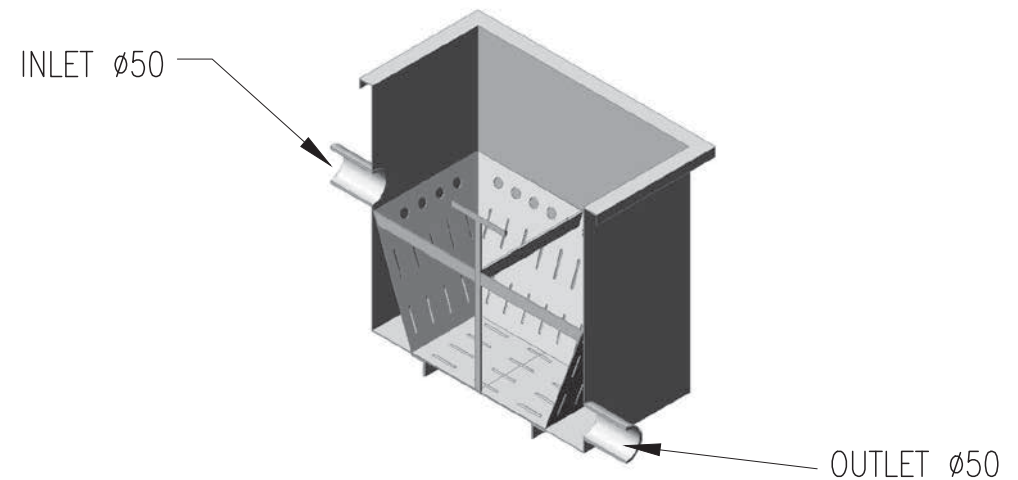
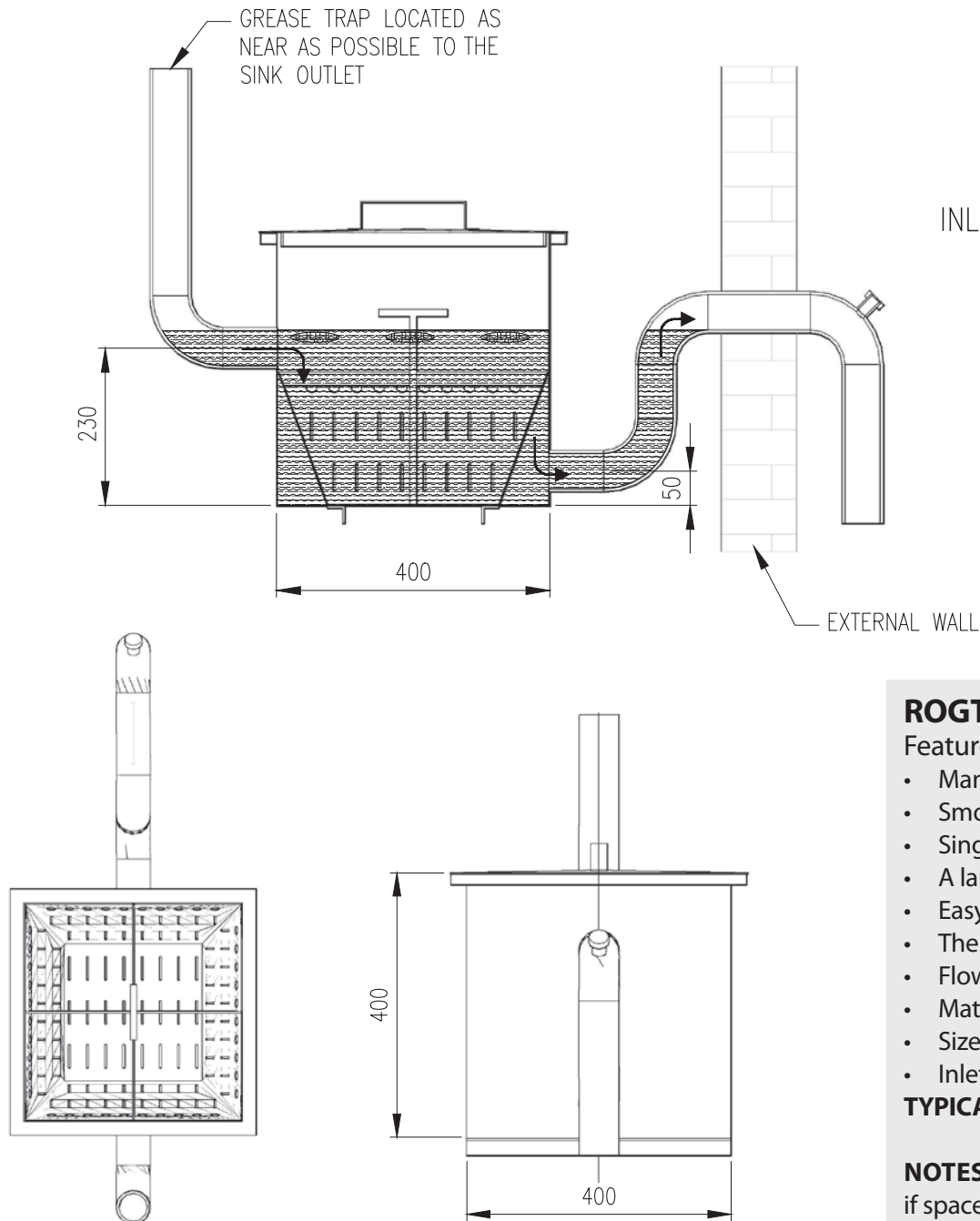
### ROGT 400 DIA Grease Trap

#### Features:

- Manufactured from Stainless Steel to ensure acid corrosion and stain resistance;
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates;
- Single phase separation
- A large solid strainer basket with wide bottom draining cutout covered with the fine perforated plate Dia 3mm
- Easy to remove cover and basket for cleaning;
- The discharge pipe is fully accessible once the inspection cover has been dismantled
- Flow Rate: 4.5l/sec
- Material Stainless Steel 304
- Size (Dia)x(H) = 400x1250 (adjustable)
- Inlet/Outlet 100mm / 110mm

**TYPICAL USES:** Hospitals, Meat & Poultry Processing Plants, Hotels, Food Factories

# ROGT OK FOODS



## ROGT OK Foods

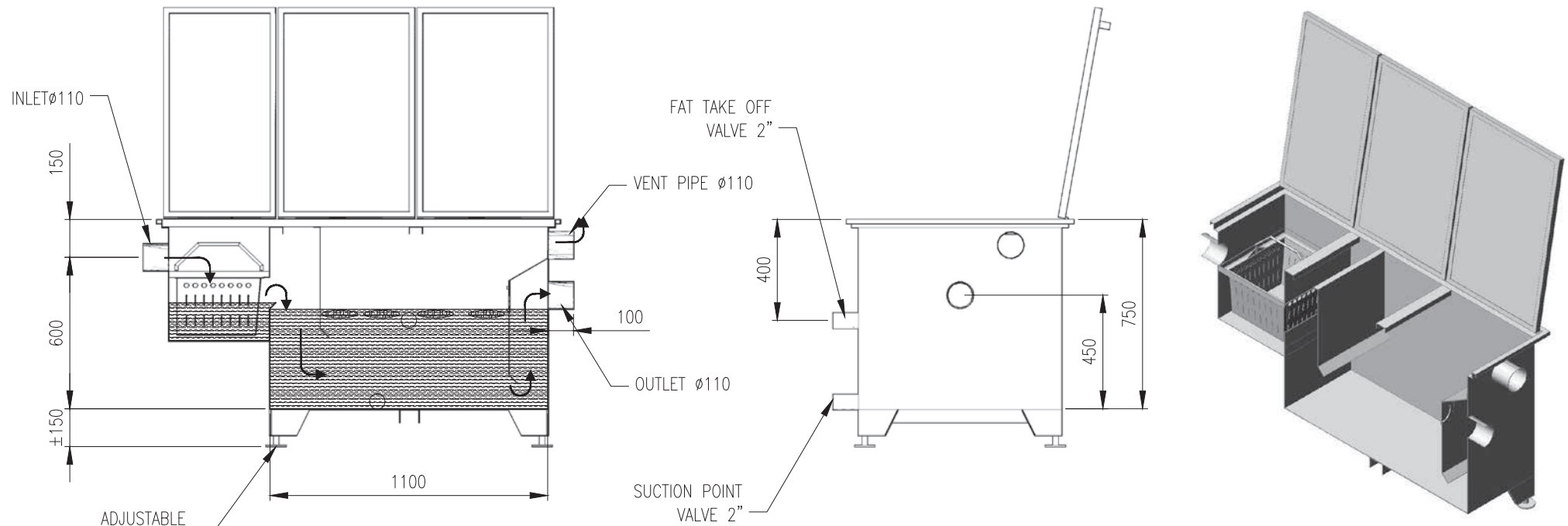
### Features:

- Manufactured from Stainless Steel to ensure acid corrosion and stain resistance
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates
- Single phase separation
- A large solid strainer basket with draining slots
- Easy to remove cover and basket;
- The discharge pipe is fully accessible once the inspection cover has been dismantled
- Flow Rate: 1.5l/sec
- Material Stainless Steel 304
- Size (L)x(H)x(W) = 400x400x400
- Inlet /Outlet 50mm

**TYPICAL USES:** Small Food Outlets

**NOTES:** Trap can be built into floor under the sink or can be free standing next to sink if space is available.

# ROGT 2000 / 2 lit/sec



## ROGT 2000 / 2 lit/sec Grease Trap

### Features:

- Manufactured from Stainless Steel to ensure acid corrosion and stain resistance;
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates;
- Separated Strainer and Grease trap
- Two large strainer baskets with draining slots
- Three separate hinged covers
- Easy to remove covers and baskets for cleaning
- Two stage grease extraction with fat take off valve
- Built in Suction valve for emptying the grease trap
- The discharge pipe is fully accessible once the inspection cover has been dismantled
- Flow Rate: 2l/ sec
- Material Stainless Steel 304
- Size (L)x(H)x(W) = 1600x 750x900
- Inlet/Outlet 100mm / 110mm

**TYPICAL USES:** Prisons, Hotels, Hospitals, Food Industry, Catering Industry, Commercial and Industrial Kitchens

FAT TAKE OFF VALVE

VENT PIPE Ø110

100

OUTLET Ø110

1350

ADJUSTABLE LEGS

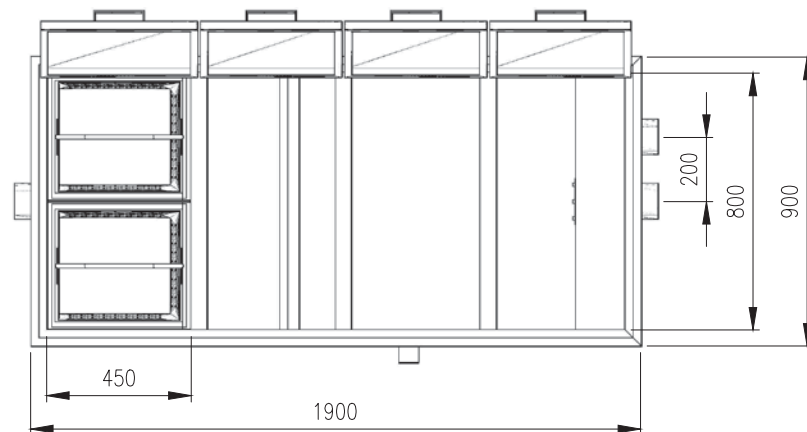
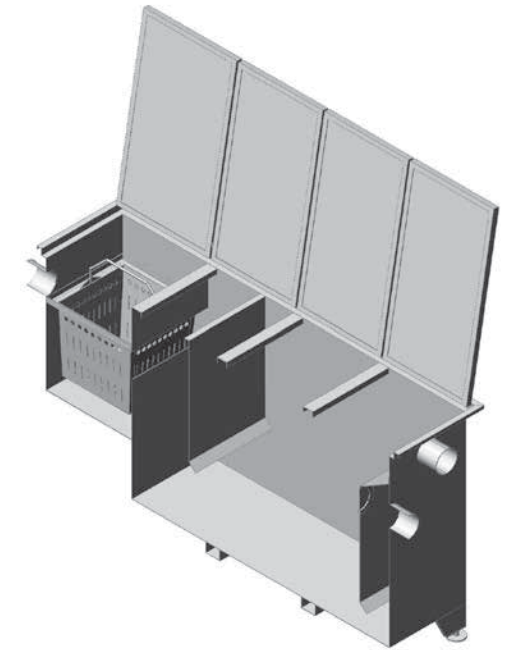
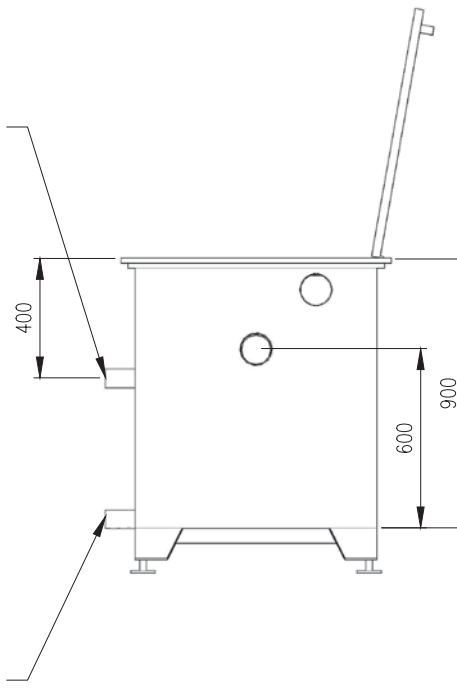
SUCTION PORT VALVE

INLET Ø110

750

150

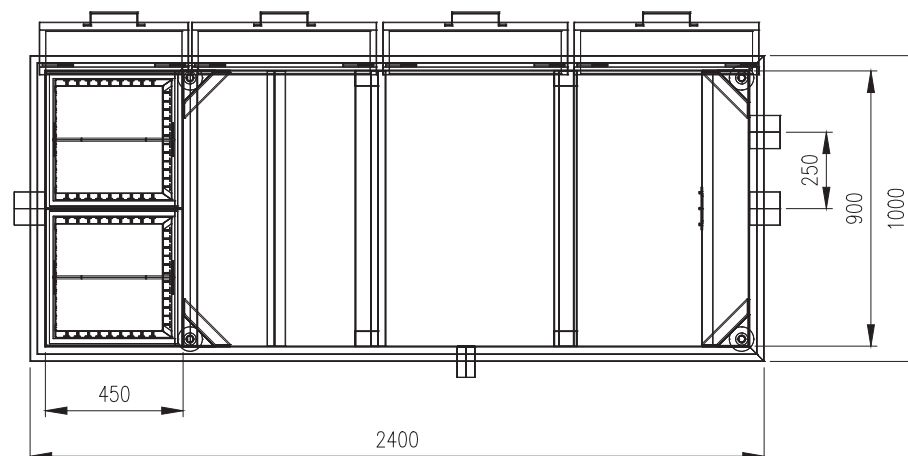
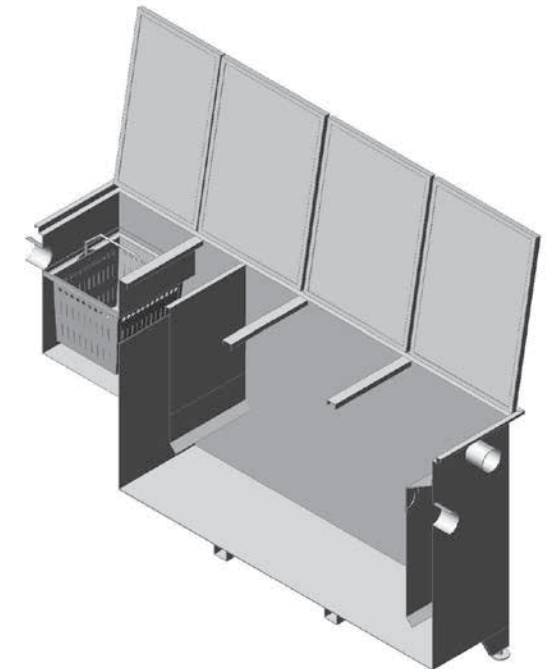
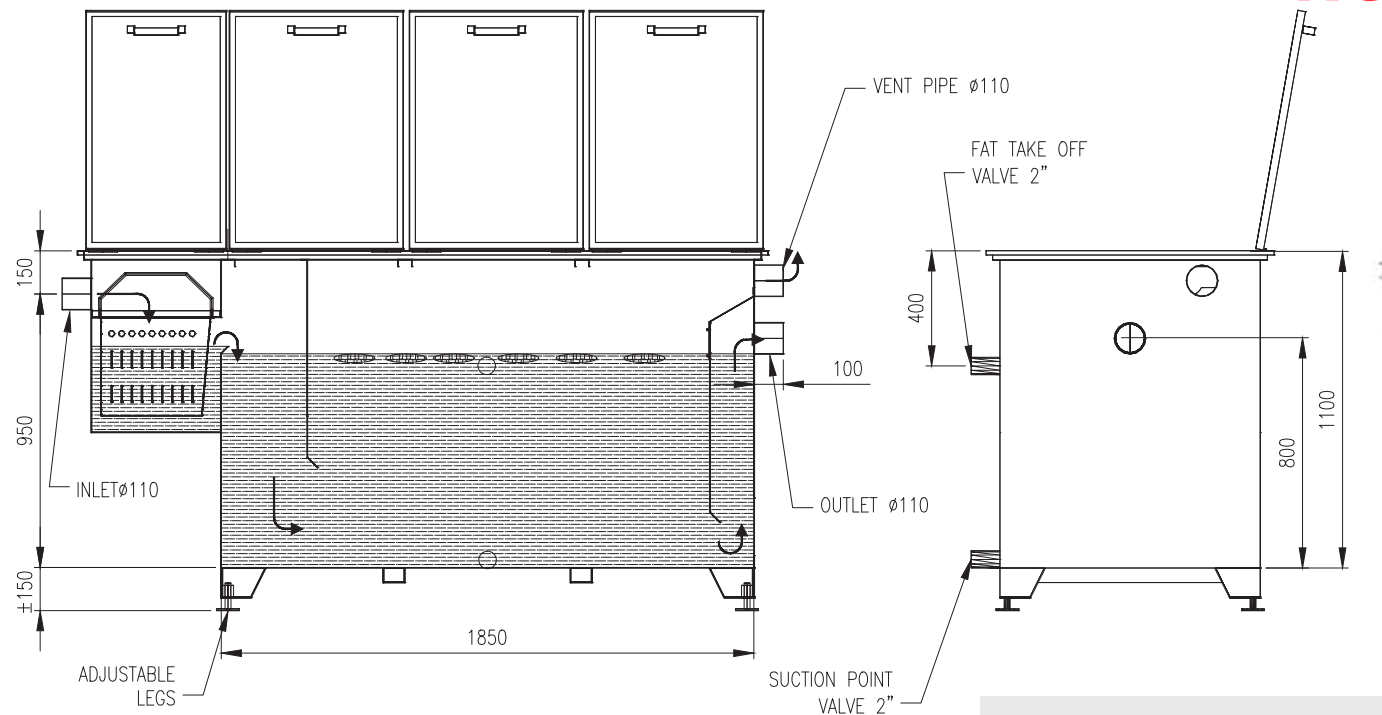
±150



**TYPICAL USES:** Prisons, Hotels, Hospitals, Food Industry, Catering Industry, Commercial and Industrial Kitchens



# ROGT 2000 / 7 lit/sec



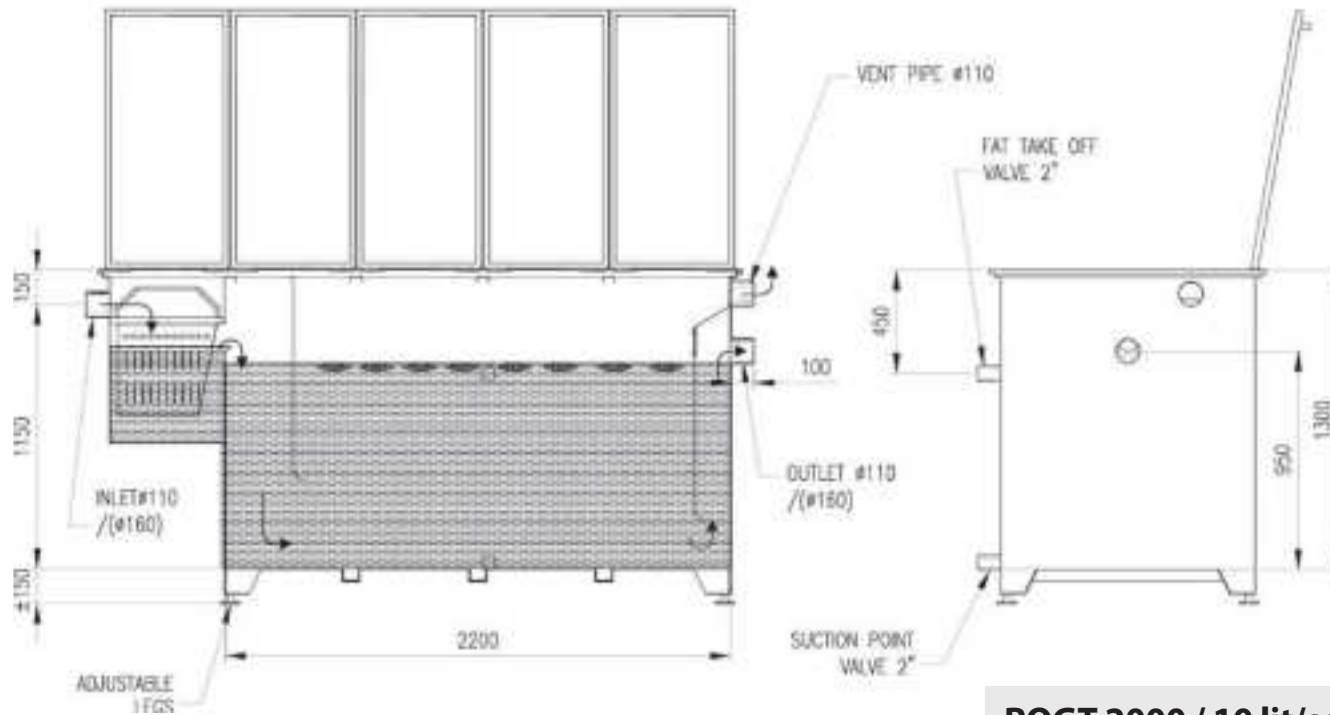
## ROGT 2000 / 7 lit/sec Grease Trap

### Features:

- Manufactured from Stainless Steel to ensure acid corrosion and stain resistance;
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates;
- Separated Strainer and Grease trap
- Two large strainer baskets with draining slots
- Four separate hinged covers
- Easy to remove covers and baskets for cleaning
- Two stage grease extraction with fat take off valve
- Built in Suction valve for emptying the grease trap
- The discharge pipe is fully accessible once the inspection cover has been dismantled
- Flow Rate: 7l/sec
- Material Stainless Steel 304
- Size (L)x(H)x(W) = 2400x1100x1000
- Inlet/Outlet 100mm / 110mm

**TYPICAL USES:** Prisons, Hotels, Hospitals, Food Industry, Catering Industry, Commercial and Industrial Kitchens

# ROGT 2000 / 10 lit/sec

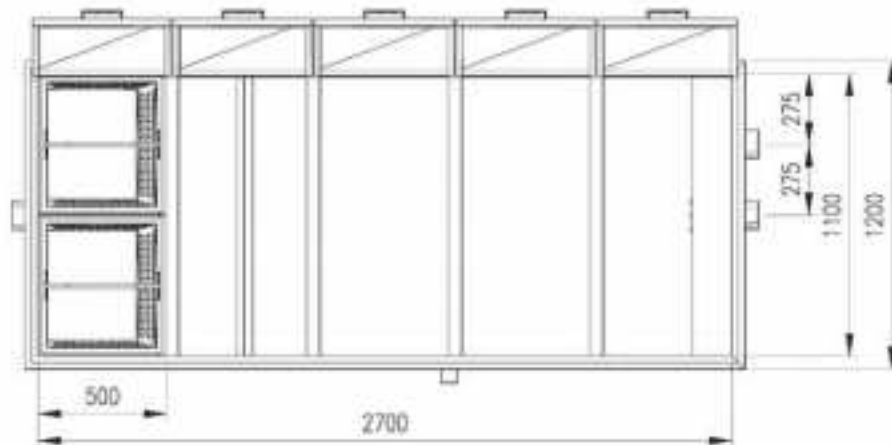


## ROGT 2000 / 10 lit/sec Grease Trap

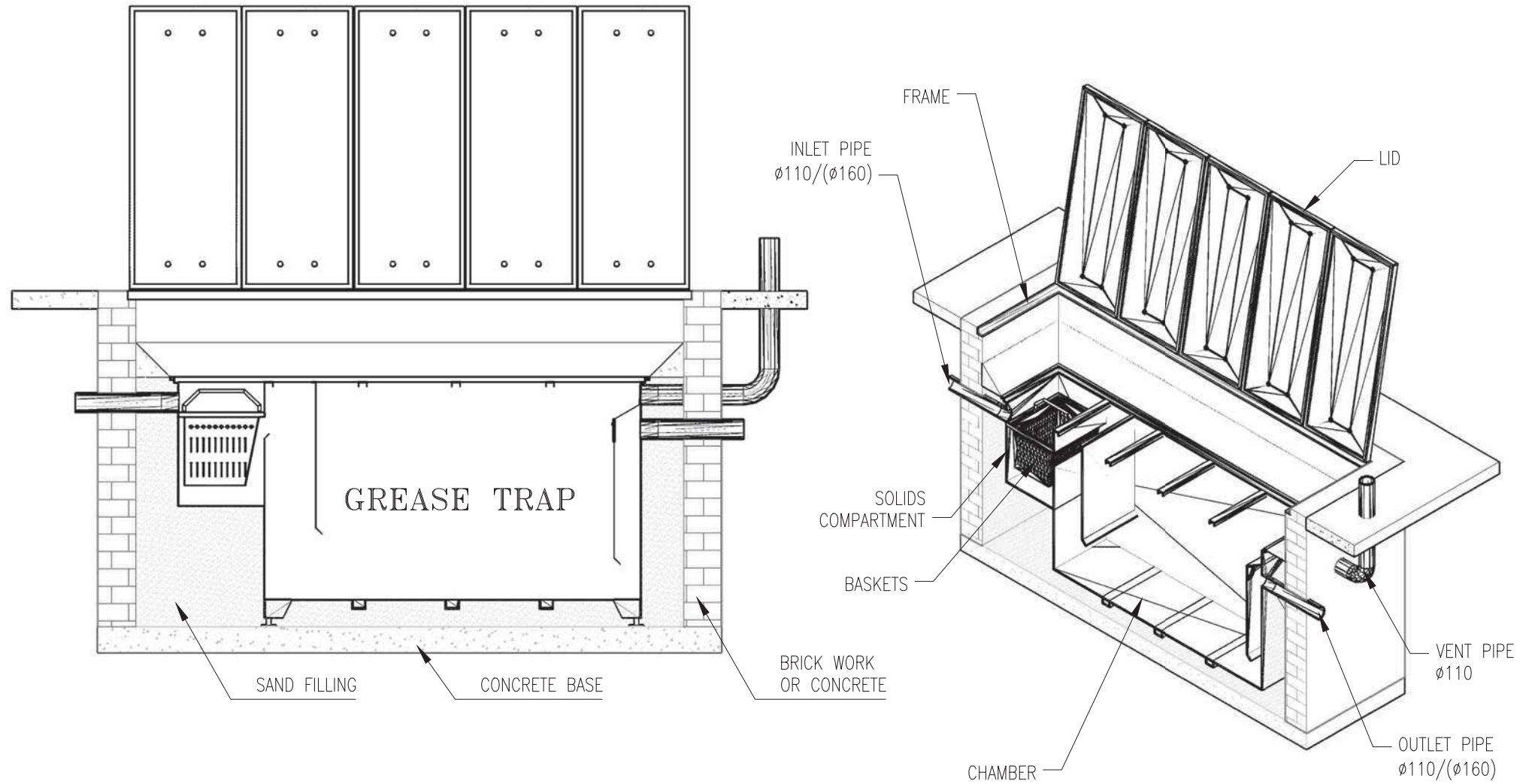
### Features:

- Manufactured from Stainless Steel to ensure acid corrosion and stain resistance;
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates;
- Separated Strainer and Grease trap
- Two large strainer baskets with draining slots
- Five separate hinged covers
- Easy to remove covers and baskets for cleaning
- Two stage grease extraction with fat take off valve
- Built in Suction valve for emptying the grease trap
- The discharge pipe is fully accessible once the inspection cover has been dismantled
- Flow Rate: 10l/sec
- Material Stainless Steel 304
- Size (L)x(H)x(W) = 2700x1300x1200
- Inlet/Outlet 100mm / 110mm / 160mm

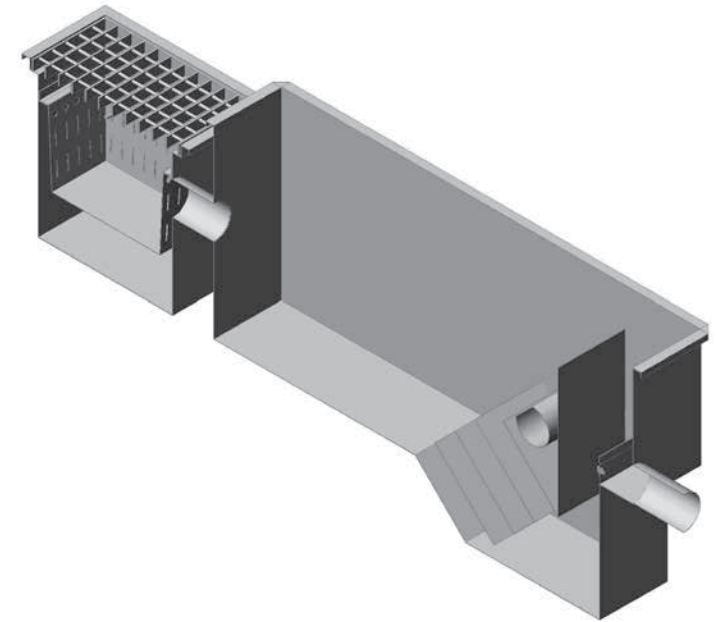
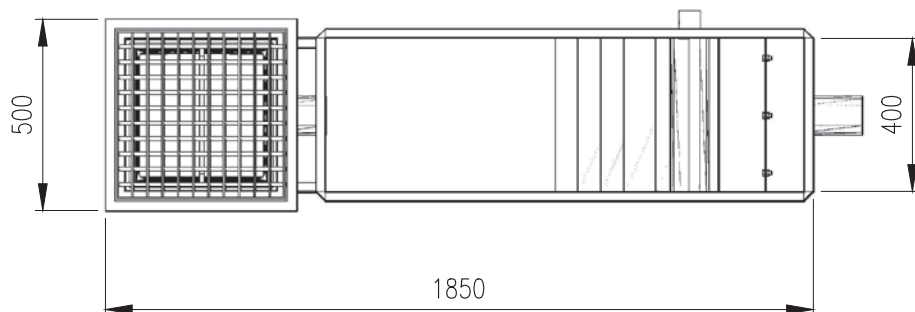
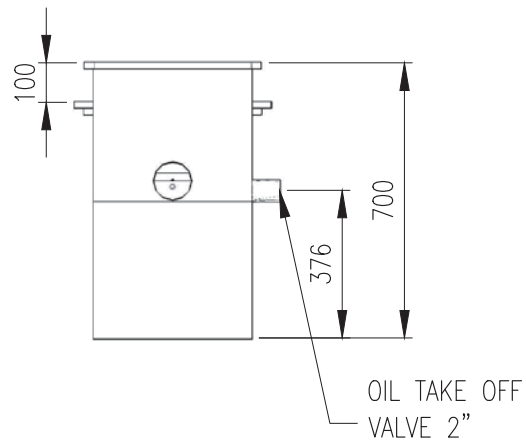
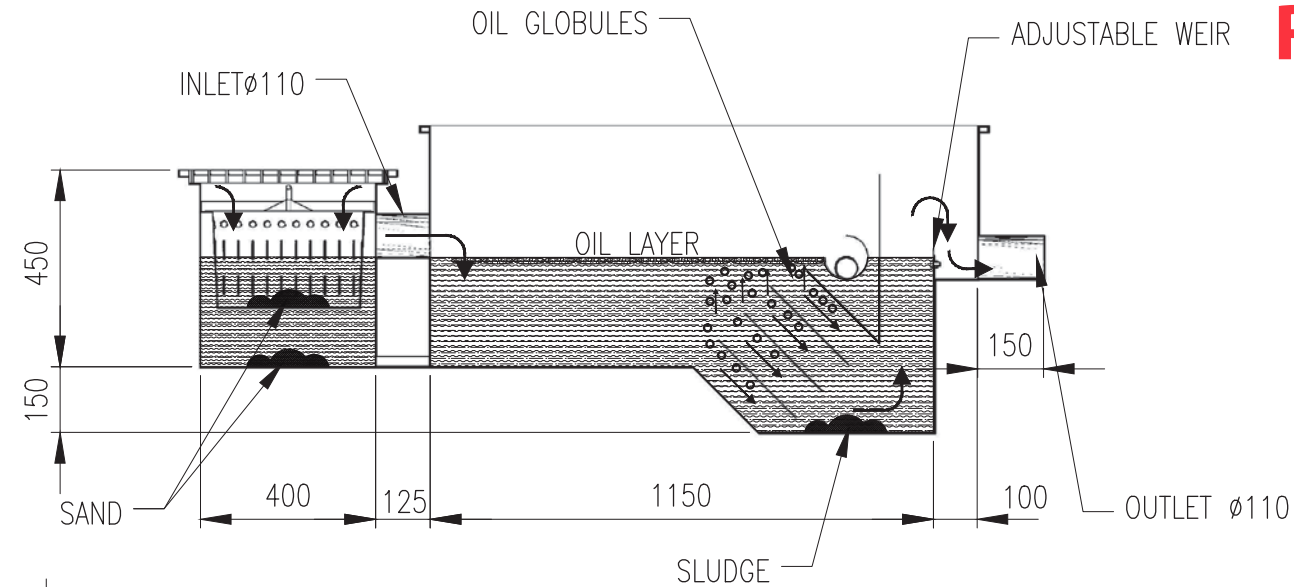
**TYPICAL USES:** Prisons, Hotels, Hospitals, Food Industry, Catering Industry, Commercial and Industrial Kitchens



# ROGT 2000 UNDERGROUND INSTALLATION



# RO SOW SEPARATOR



## RO SOW Separator

### Features:

- Manufactured from Stainless Steel to ensure acid corrosion and stain resistance;
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates;
- Separated Strainer and sand trap
- One large strainer baskets with draining slots
- Easy to remove baskets for cleaning
- One stage grease extraction with fat take off valve
- The discharge pipe is fully accessible once the inspection cover has been dismantled
- Flow Rate: 4l/sec
- Material Stainless Steel 304
- Size (L)x(H)x(W) = 1850x700x500
- Inlet/Outlet 100mm / 110mm

**TYPICAL USES:** Car and equipment wash bay



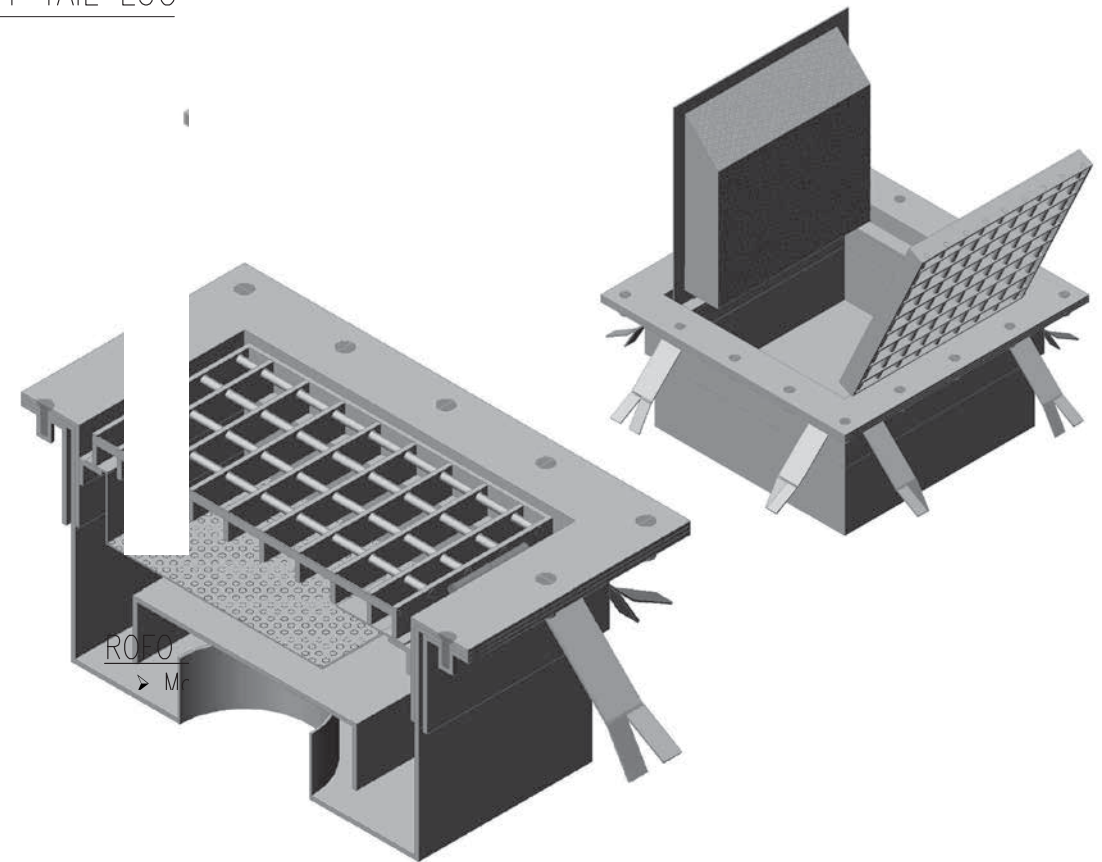
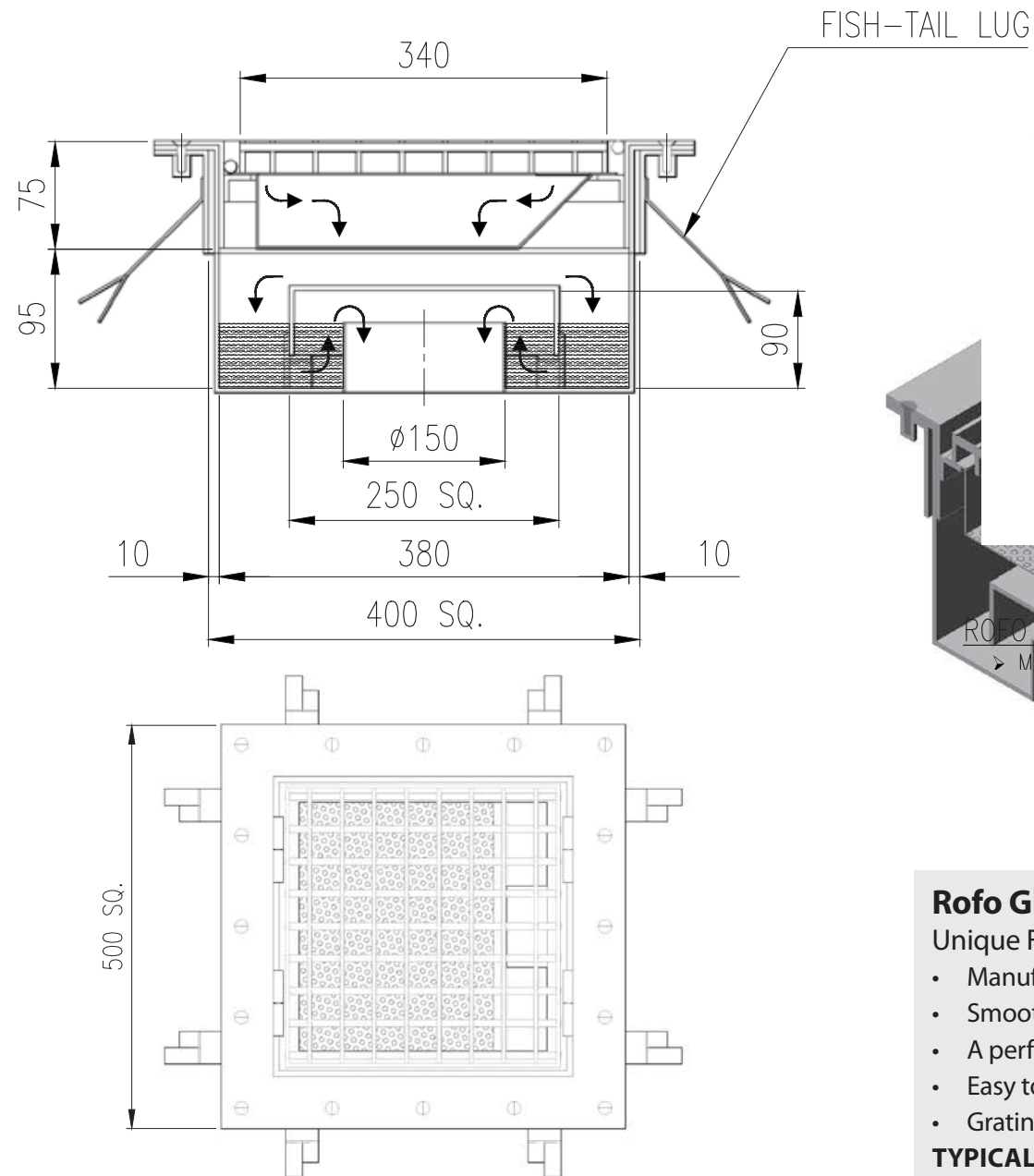
# Rofo Engineering

## GLASS TRAPS

- *Rofo Glass Trap*

# Rofo Engineering

# ROFO GLASS TRAP



## Rofo Glass Trap

Unique Full Flow Floor Trap with the following features:

- Manufactured from Stainless Steel 304 to ensure acid corrosion and stain resistance.
- Smooth surfaces for easy cleaning, minimum dirt collection and high flow rates.
- A perforated basket to retain the broken glass solids.
- Easy to dismantle.
- Grating Frame Type: Square

**TYPICAL APPLICATIONS:** Bottling and glass industries

# Rofo Engineering



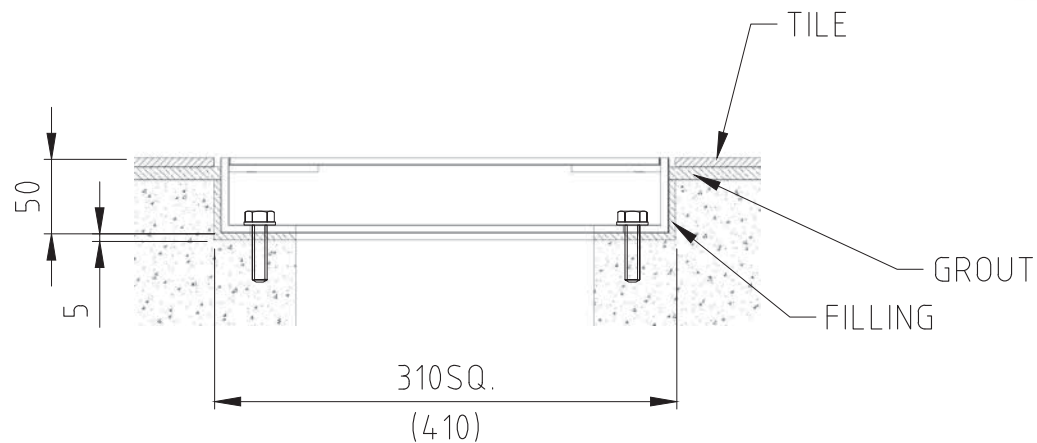
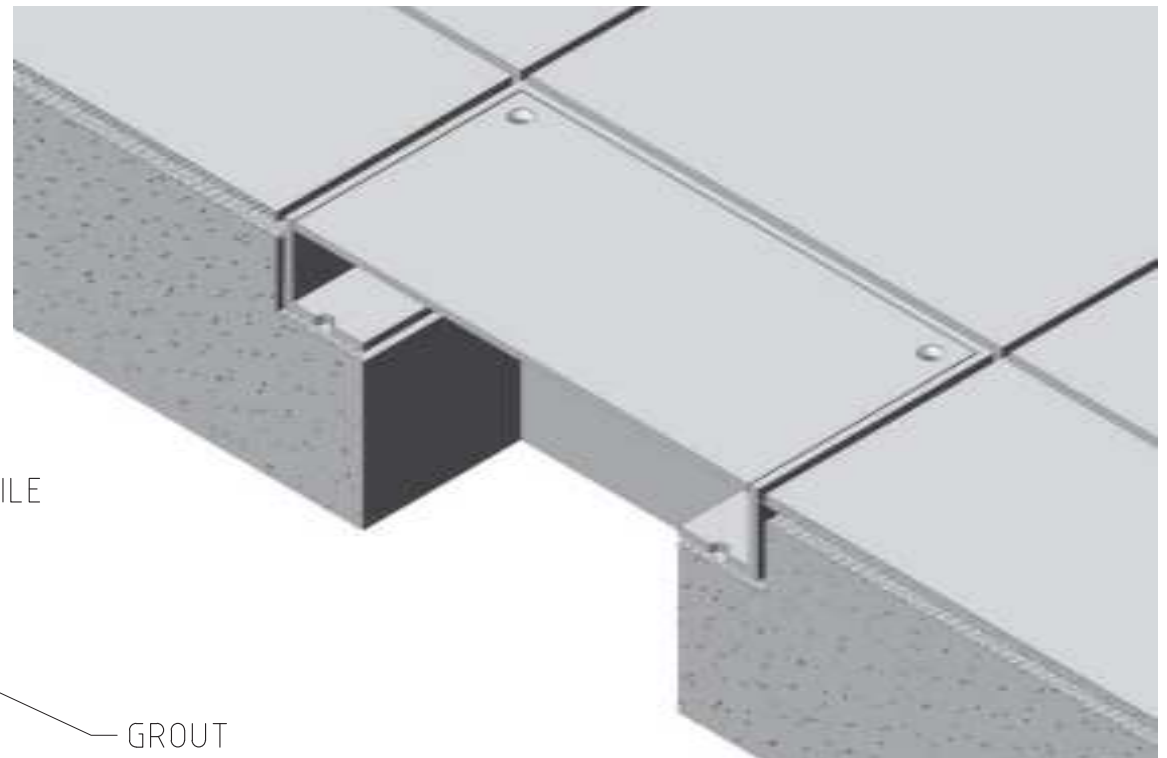
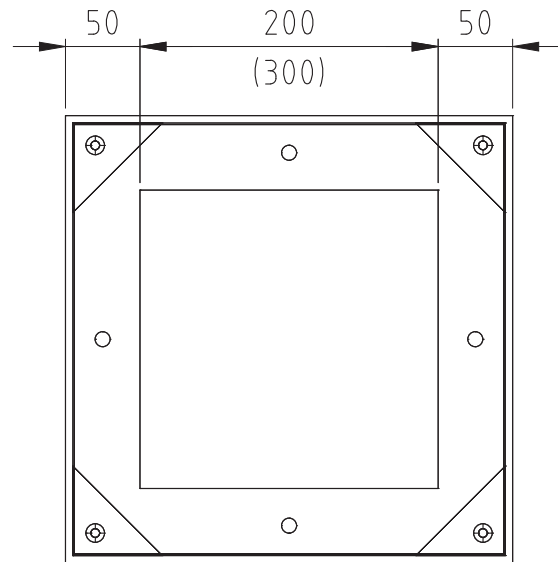
# Rofo Engineering

## **RODDING EYES**

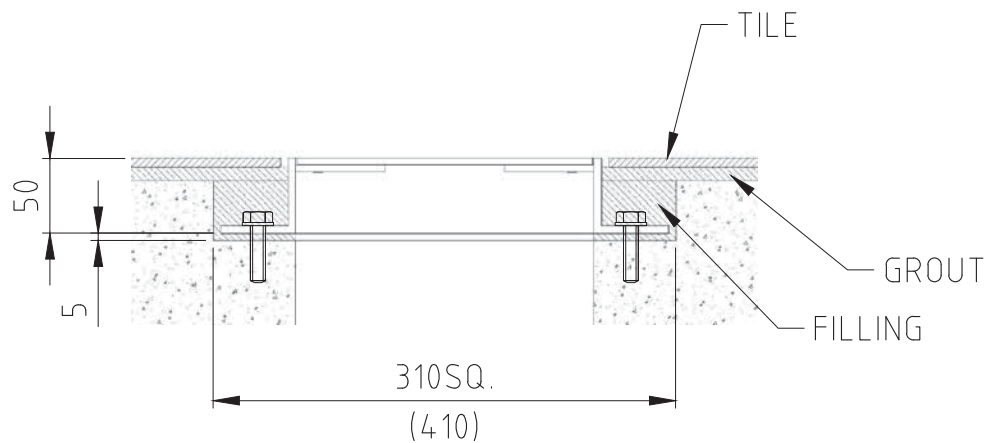
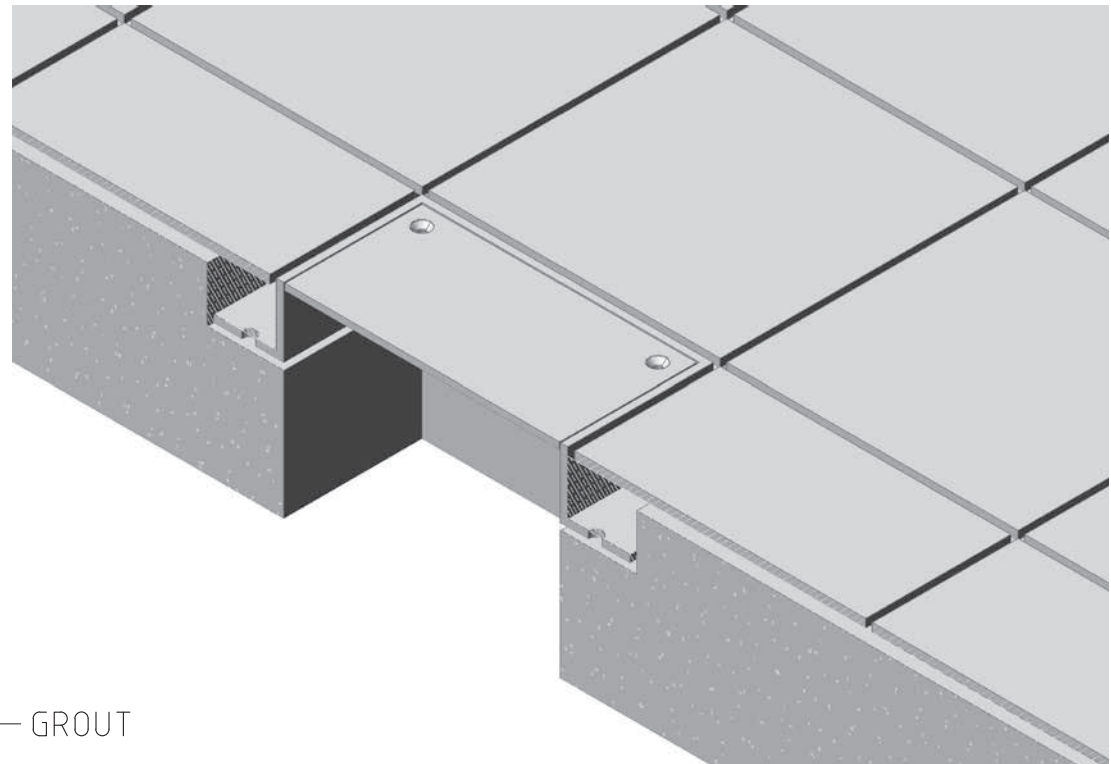
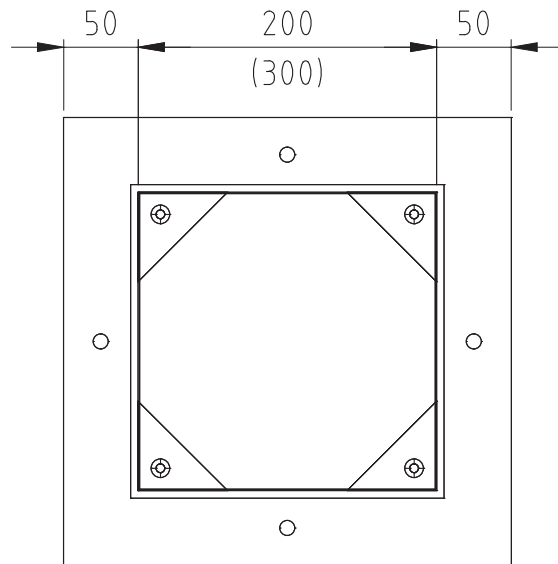
- *Rodding Eye Cover Plate - Internal Bolting*
- *Rodding Eye Cover Plate - External Bolting*
- *Rodding Eye Cover 45°*
- *Rodding Eye Grating Cover*

# Rofo Engineering

# RODDING EYE COVER PLATE INTERNAL BOLTING

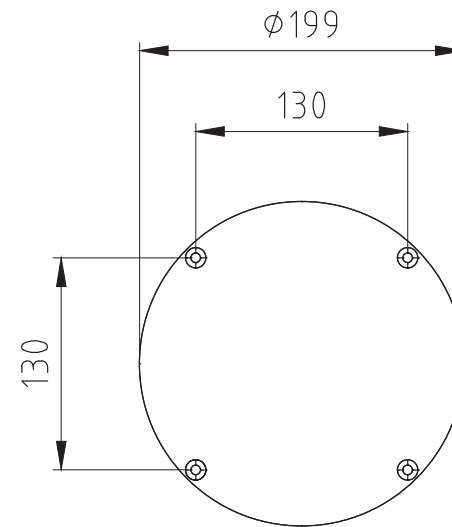
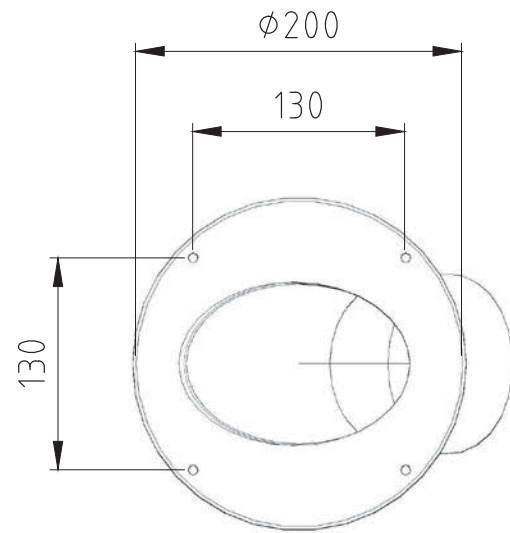


## RODDING EYE COVER PLATE EXTERNAL BOLTING

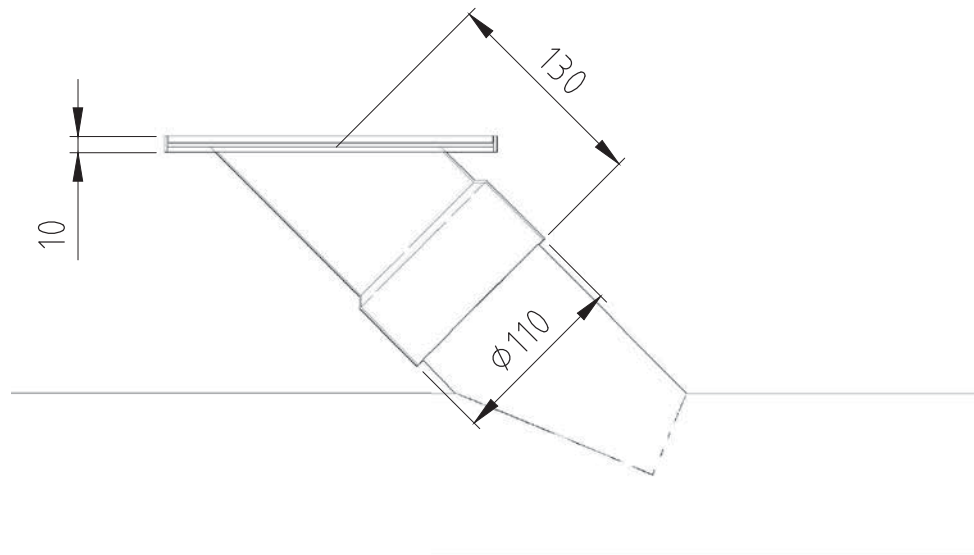




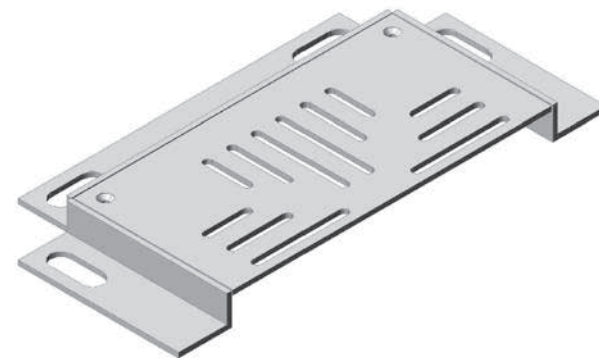
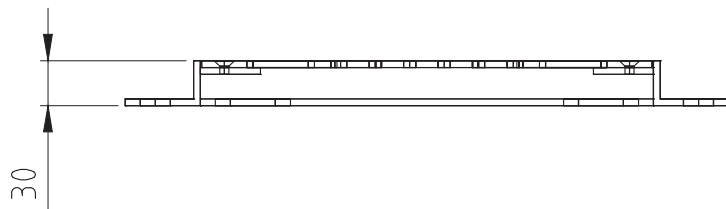
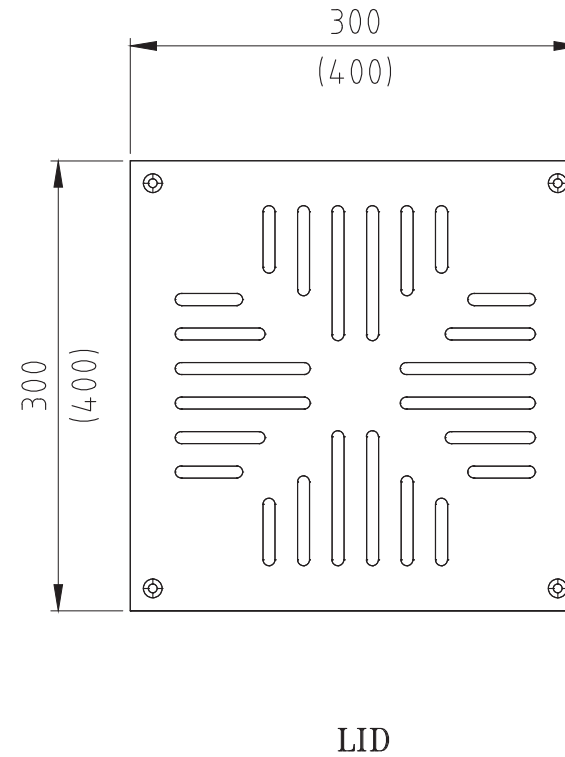
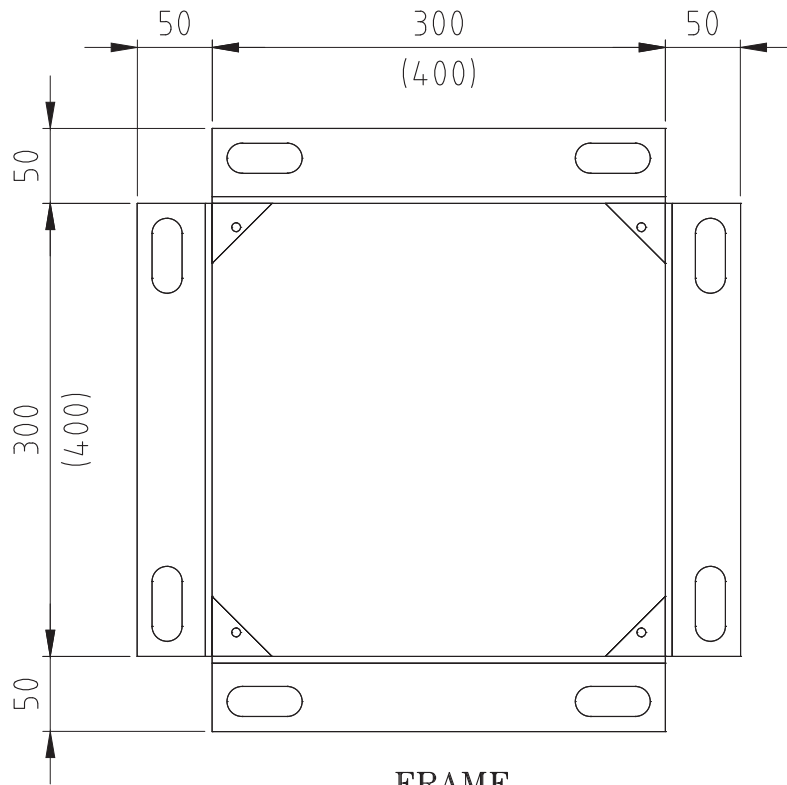
# RODDING EYE COVER 45°



LID



# RODDING EYE GRATING COVER







# August 2014 Edition



**[www.rofo.co.za](http://www.rofo.co.za)**

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