

Channel Components

Modular, high performance stainless steel channels suited for a wide range of applications



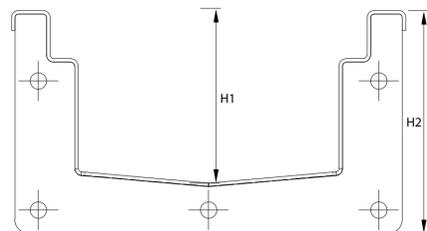
Channel Components

The Harmer Modular 135 Channel is available as standard in 3 depths, 50mm, 75mm and 100mm. Standard channel length are available in 0.5m, 1m, 1.5m, 2m and 2.5m.

A full range of accessories, including 90 degree corners, T-junctions, centre and end outlets as well as end plates are available to complete the system.

Standard channel detail

Channel Depth (mm)	H1 (mm)	H2 (mm)
50	48	70
75	73	95
100	98	120



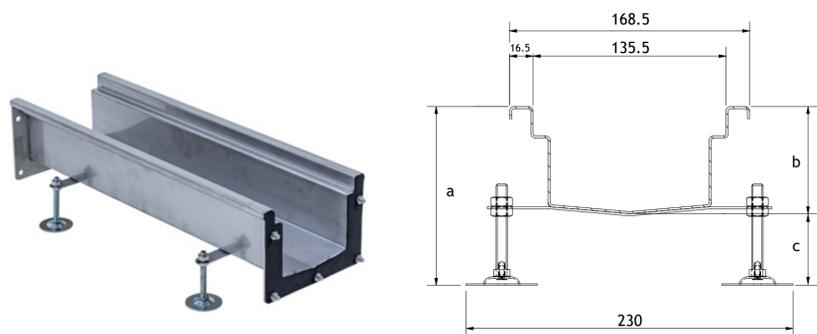
Features

- A1 Fire rated channel
- Fully compliant to EN 1253
- Fully tested and classified to EN 1433
- Available in grade 304 stainless steel as standard or made to order in 316
- Made from pickle passivated sheet with factory applied weld treatment.
- Easy connection to gully via vertical outlet connection



Level Invert Channel Length

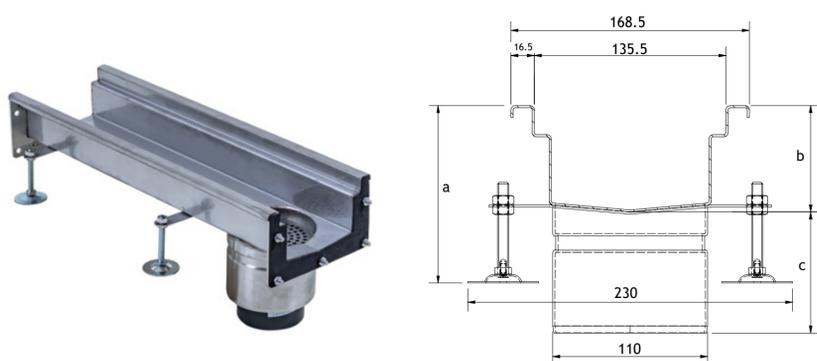
- Level invert depth meaning constant across full length with “V” shaped channel base
- Height adjustable via threaded legs
- Components come with all nuts, bolts, gasket and feet required



Channel Length (mm)	a (mm)	b (mm)	c (Max) (mm)	Weight (kg)	Product Code
500	100	50	50	2.0	M135/50/0.5M
1000	100	50	50	3.6	M135/50/1M
2000	100	50	50	6.9	M135/50/2M
2500	100	50	50	8.4	M135/50/2.5M
500	125	75	50	2.4	M135/75/0.5M
1000	125	75	50	4.3	M135/75/1M
2000	125	75	50	8.1	M135/75/2M
2500	125	75	50	10.0	M135/75/2.5M
500	150	100	50	2.8	M135/100/0.5M
1000	150	100	50	4.9	M135/100/1M
2000	150	100	50	9.4	M135/100/2M
2500	150	100	50	11.6	M135/100/2.5M

Channel Length with End Outlet

- Level invert depth meaning constant across full length with “V” shaped channel base
- Components come with all nuts, bolts, gasket and feet required
- 110mm diameter end outlet with removeable trap and strainer included
- Height adjustable via threaded leg

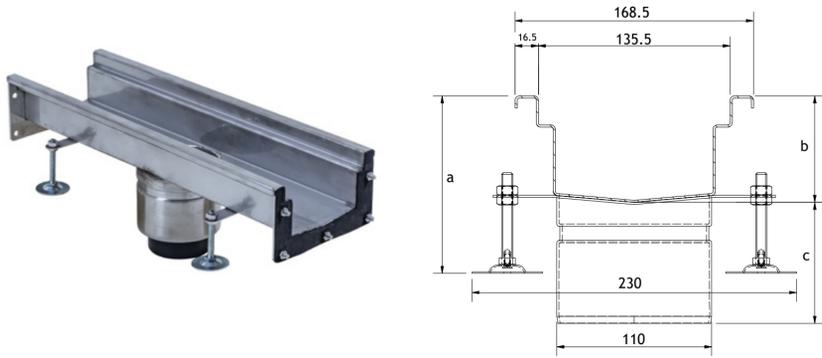


Channel Length (mm)	a (mm)	b (mm)	c (Max) (mm)	Weight (kg)	Product Code
500	100	50	50	2.5	M135/50/0.5M/EO
1000	100	50	50	4.1	M135/50/1M/EO
500	125	75	50	2.9	M135/75/0.5M/EO
1000	125	75	50	4.7	M135/75/1M/EO
500	150	100	50	3.2	M135/100/0.5M/EO
1000	150	100	50	5.4	M135/100/1M/EO

Channel Components

Channel Length with Centre Outlet

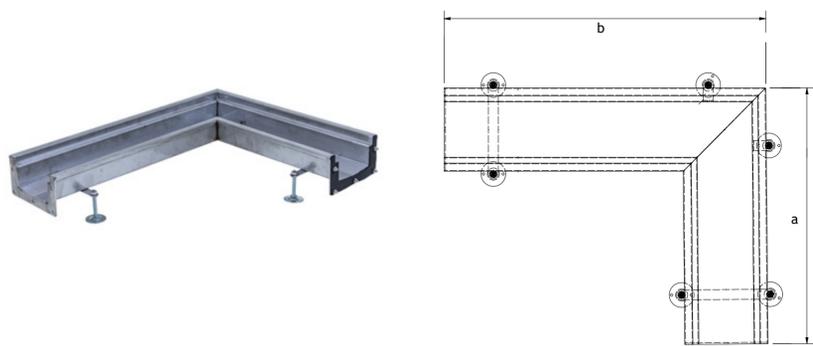
- Level invert depth meaning constant across full length with “V” shaped channel base
- 110mm diameter centre outlet with removeable trap and strainer included
- Height adjustable via threaded legs
- Components come with all nuts, bolts, gasket and feet required



Channel Length (mm)	a (mm)	b (mm)	c (Max) (mm)	Weight (kg)	Product Code
500	100	50	50	2.5	M135/50/0.5M/CO
1000	100	50	50	4.1	M135/50/1M/CO
500	125	75	50	2.9	M135/75/0.5M/CO
1000	125	75	50	4.7	M135/75/1M/CO
500	150	100	50	3.2	M135/100/0.5M/CO
1000	150	100	50	5.4	M135/100/1M/CO

Left Hand 90 Degree Angle

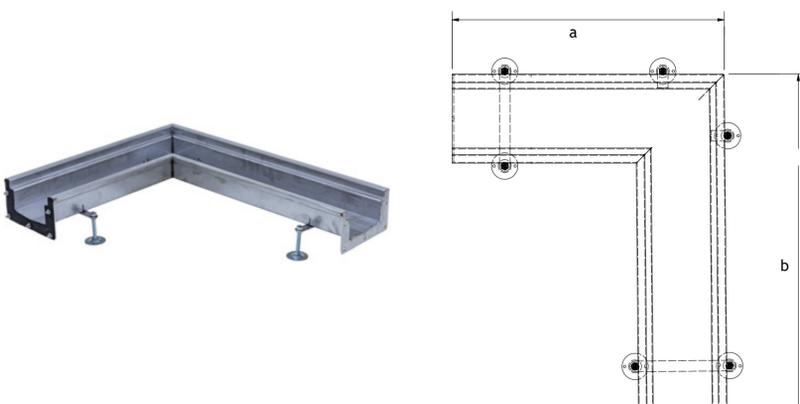
- Level invert depth meaning constant across full length with “V” shaped channel base
- Handed 90° angles which accommodate the standard 500mm length gratings
- Height adjustable via threaded legs
- Components come with all nuts, bolts, gasket and feet required



a (mm)	b (mm)	Weight (kg)	Product Code
516.5	651.5	3.6	M135/50/90L
516.5	651.5	4.4	M135/75/90L
516.5	651.5	5.0	M135/100/90L

Right Hand 90 Degree Angle

- Level invert depth meaning constant across full length with “V” shaped channel base
- Handed 90° angles which accommodate the standard 500mm length gratings
- Height adjustable via threaded legs
- Components come with all nuts, bolts, gasket and feet required

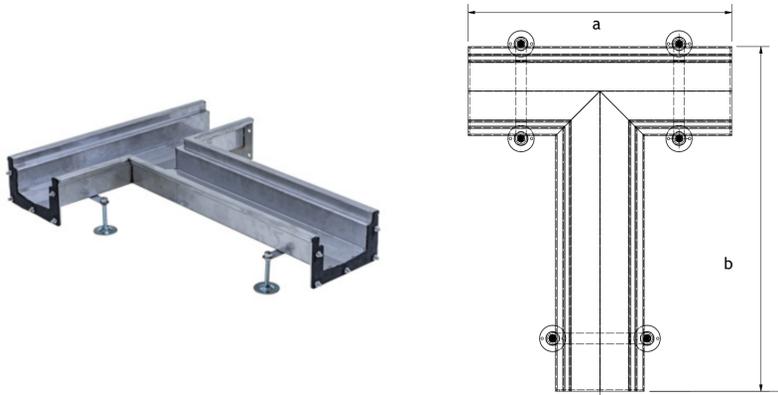


a (mm)	b (mm)	Weight (kg)	Product Code
516.5	651.5	3.6	M135/50/90R
516.5	651.5	4.4	M135/75/90R
516.5	651.5	5.0	M135/100/90R

Channel Components

T Junction

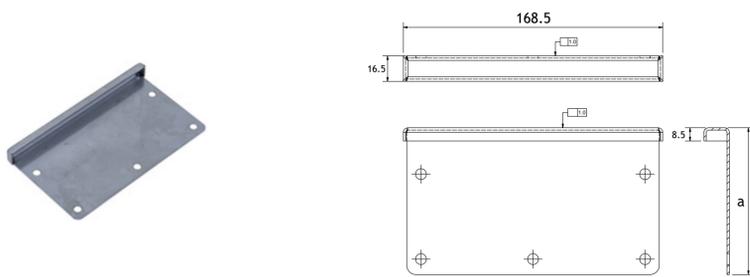
- Level invert depth meaning constant across full length with "V" shaped channel base
- Height adjustable via threaded legs
- T Junction change in direction designed to accommodate the standard 500mm length gratings
- Components come with all nuts, bolts, gasket and feet required



a (mm)	b (mm)	Weight (kg)	Product Code
500.5	652	3.8	M135/50/T
500.5	652	4.6	M135/75/T
500.5	652	5.2	M135/100/T

End Plate

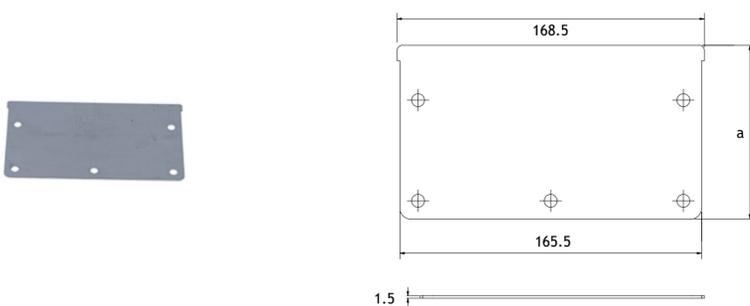
- Provided as pictured without any additional items as nuts, bolts and gaskets provided with the channel component
- Retains the show edge of 16.5mm at the end of a channel run
- An end plate is required at the end of each run of the overall channel



a (mm)	Width (mm)	Show Edge (mm)	Weight (kg)	Product Code
100	168.5	16.5	0.2	M135/50/EP
125	168.5	16.5	0.2	M135/75/EP
150	168.5	16.5	0.3	M135/100/EP

Flat End Plate

- Provided as pictured without any additional items as nuts, bolts and gaskets provided with the channel component
- Flat end plate, designed to fit flush against structure if required
- Does not maintain the 17mm show edge of the rest of the system
- An end plate is required at the end of each run of the overall channel

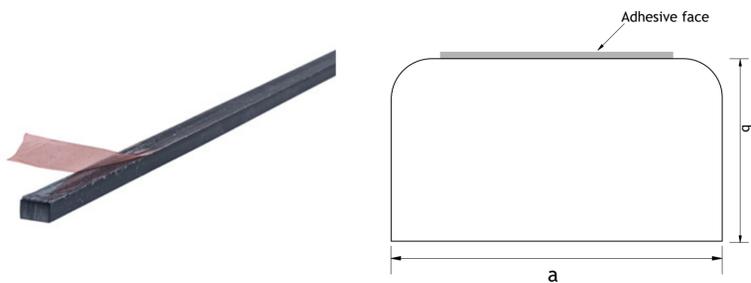


a (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Product Code
100	168.5	1.5	0.1	M135/50/FEP
125	168.5	1.5	0.2	M135/75/FEP
150	168.5	1.5	0.2	M135/100/FEP

Channel Components

PVC Infill Edge Support

- Edge infill detail to support the underside of the edge from point load damage
- Manufactured from PVC
- Only required in load class situations B125 and over but can be used for lower load classes if required

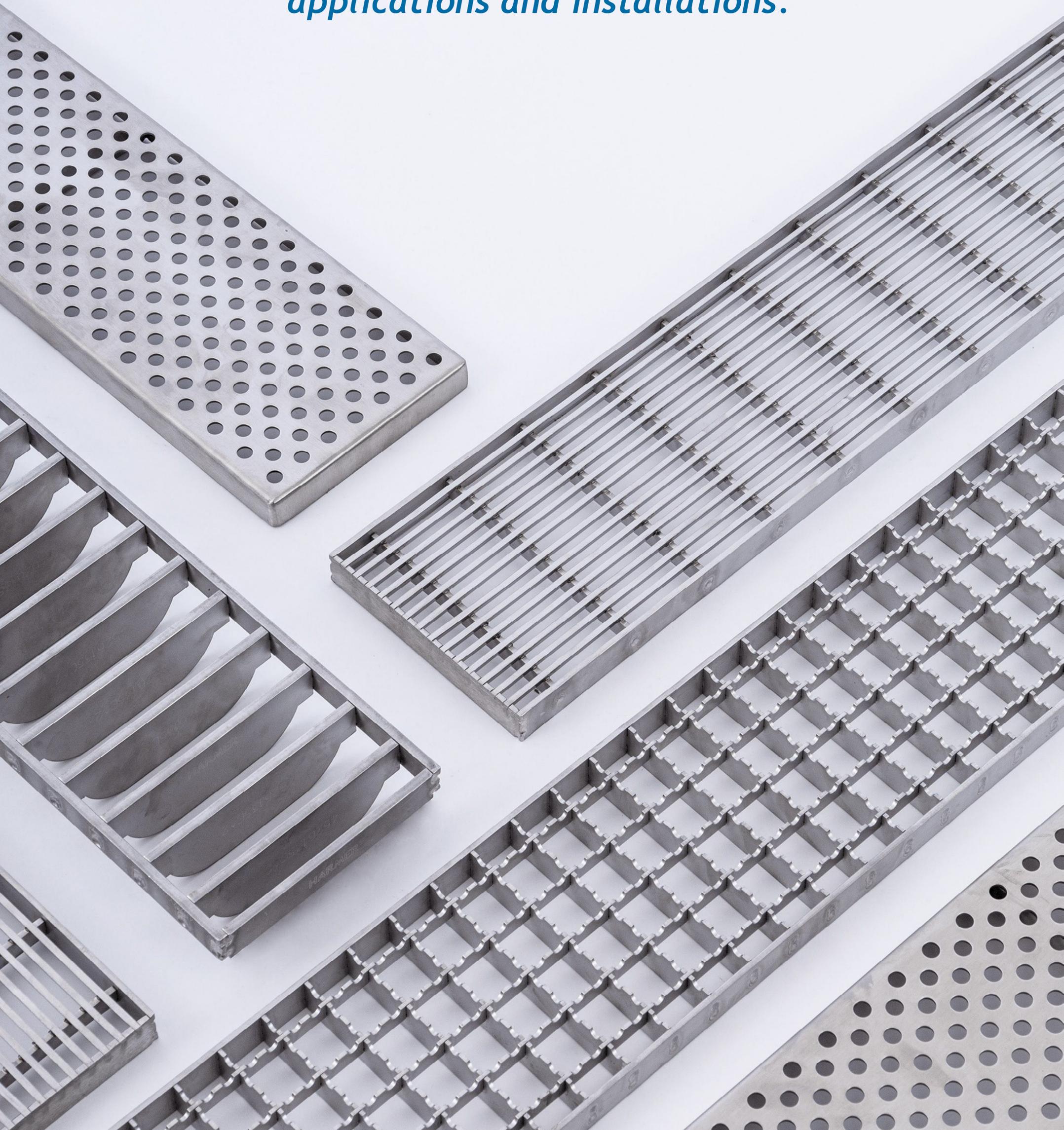


Item Length (mm)	a (mm)	b (mm)	Weight (kg)	Product Code
3000	12.75	7.0	0.4	M/PVC/3M



Grating Options

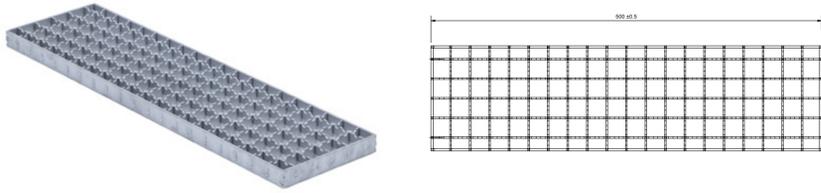
Four stylish and durable grate options suited to a range of applications and installations.



Grating Options

The Modular 135 system offers a wide selection of gratings in differing styles to suit any application, allowing you to create not only the perfect aesthetic, but the safest solution for your project.

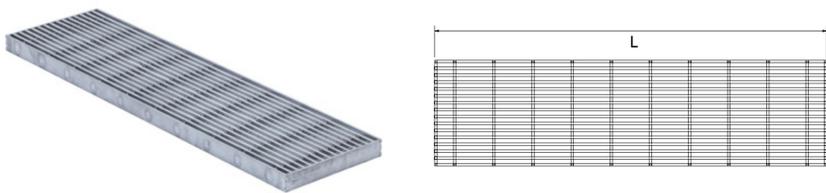
Mesh Anti-Slip Gratings



Grating Length (mm)	Grating Depth (mm)	Load Class	Weight (kg)	Product Code
500	20	A15	1.7	M135/ASG/0.5M
1000	20	A15	3.2	M135/ASG/1M

- Load Class: A15
- Ideally suited for use in kitchen and food preparation areas
- Available in both 500mm and 1000mm
- NOT barefoot safe

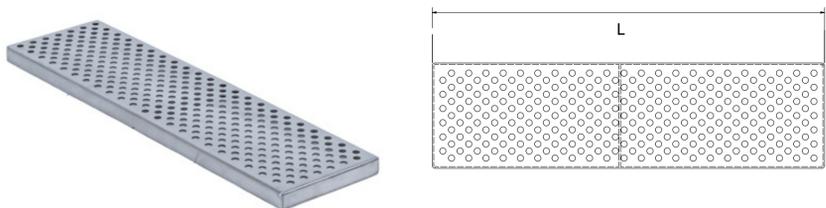
Heel Proof Gratings



Grating Length (mm)	Grating Depth (mm)	Load Class	Weight (kg)	Product Code
500	20	A15	1.6	M135/HPG/0.5M
1000	20	A15	3.1	M135/HPG/1M

- Load Class: A15
- Ideally suited for use in public realm, changing areas, domestic showers etc.
- Available in both 500mm and 1000mm
- Barefoot safe

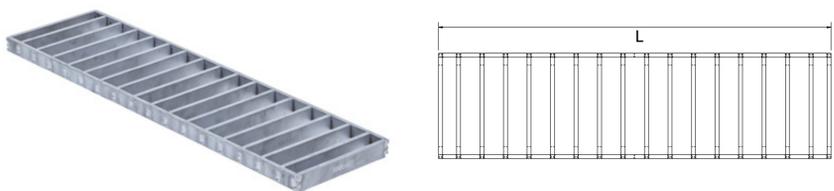
Circular Perforated Gratings



Grating Length (mm)	Grating Depth (mm)	Load Class	Weight (kg)	Product Code
500	20	A15	1.2	M135/CPG/0.5M
1000	20	A15	2.4	M135/CPG/1M

- Load Class: A15
- Ideally suited for changing areas and domestic showers
- Available in both 500mm and 1000mm
- Barefoot safe

Ladder Gratings



Grating Length (mm)	Grating Depth (mm)	Load Class	Weight (kg)	Product Code
500	20	C250	3.5	M135/LDG/0.5M

- Load Class: Up to C250
- Ideally suited for higher load class situations such as warehousing, agricultural and industrial applications
- Available in both 500mm only
- NOT barefoot safe
- Grating perimeter depth is 20mm, grating centre depth is 37mm

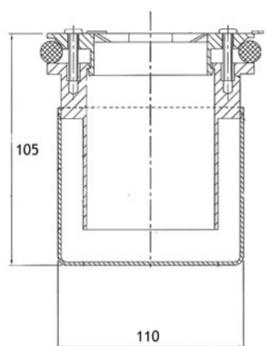
Accessories & Spares

*Upgrade or refurbish your 135
system with a full range of
parts available direct*



Accessories

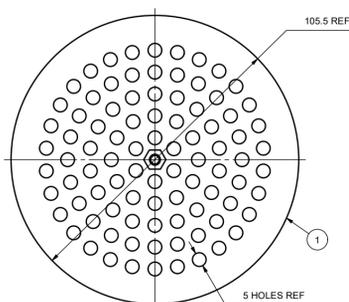
Foul Air Trap



Diameter (mm)	Height (mm)	Product Code
110	105	M/FAT

- Included as standard with every centre or end outlet
- Removeable foul air trap required to stop harmful gases entering the building for internal applications
- Flow rate of 1.0 l/s but is reduced when used in conjunction with strainers
- If removed please ensure for internal applications a trap has been include in the system

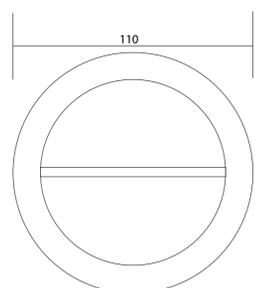
Sediment Sieve



Diameter (mm)	Product Code
110	M/SED

- Included as standard with every centre or end outlet
- Sits just above the foul air trap so can be used with one and other
- Manufactured from grade 304 stainless steel

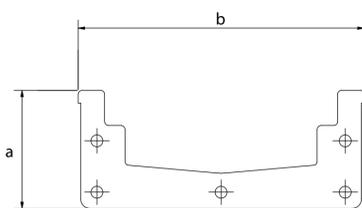
ABS Filter Bucket



Diameter (mm)	Height (mm)	Product Code
110	38	M/FB

- For when larger debris may enter drainage systemx
- Designed to capture this before entering the pipework
- Requires regular maintenance to ensure blockage does not occur
- Occupies the same position as the foul air trap so a trap will need to be included in the line

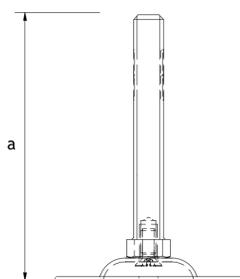
Gasket



Size (mm)	a (mm)	b (mm)	Product Code
50	69	167.5	M135/50/G
75	94	167.5	M135/75/G
100	119	167.5	M135/100/G

- Included as standard with every channel component where required
- Only required to be ordered individually as spares or replacements
- Manufactured from 1.5mm WRAS approved silicone sponge

Adjustable Foot



a (Max) (mm)	Product Code
50	M/FT60

- Provides a maximum of 50mm of adjustability in height
- Included as standard with all components required
- Needs anchoring down when commencing concrete pour to ensure channel does not rise during installation

Drainage Outlets

*110mm vertical and horizontal outlets,
manufactured in grade 304 stainless steel
with complimentary grating offer*

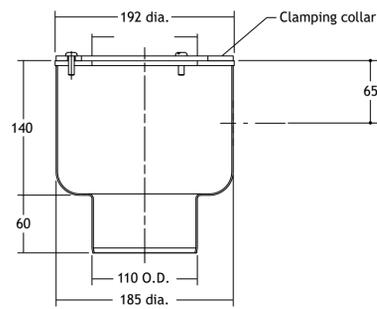


Drainage Outlets

Part of the Harmer Modular 135 stainless steel range are a complementary offer of compact floor gully outlets, available in vertical and horizontal configurations with grating options to match that of the channel system.

The innovative floor gully system allows for fine height adjustment via the 4" NPSM threaded bezels that adjust to the desired finished floor height, all the below bezels and gratings come as standard with a removable foul air trap. Gully bodies have integral clamping collars, for use with waterproof membranes.

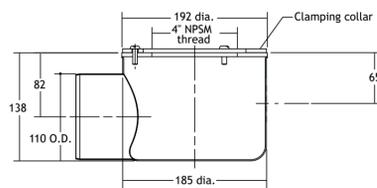
Vertical Spigot Outlet - Deep Sump



Outlet Size (mm)	Connection	Weight (kg)	Product Code
110	Spigot	2.7	SDVS100

- Female 4" NPSM threaded connection to accept grating
- 110mm (4") diameter spigot for connecting onto pipework
- Deep sump to maximise available flow rate
- Grade 304 stainless steel

Horizontal Spigot Outlet - Deep Sump



Outlet Size (mm)	Connection	Weight (kg)	Product Code
110	Spigot	2.7	SDHS100

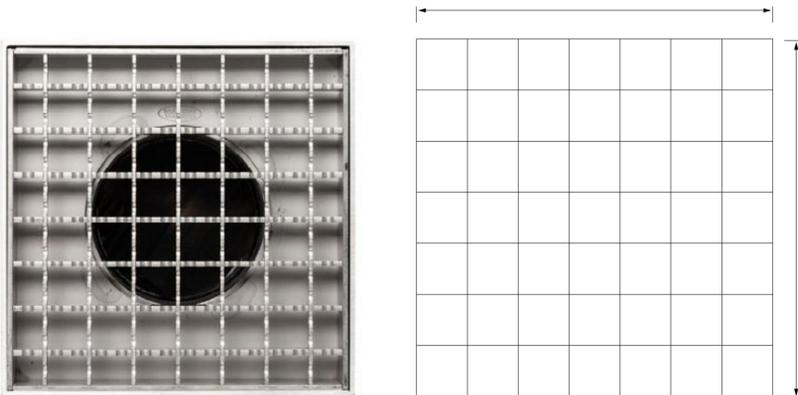
- Female 4" NPSM threaded connection to accept grating
- 110mm (4") diameter spigot for connecting onto pipework
- Deep sump to maximise available flow rate
- Grade 304 stainless steel



Adjustable Height Grating Options

The Harmer stainless steel grating range is manufactured from grade 304. Connection is made onto any NPSM threaded cast iron or stainless steel body which allows for fine threaded height adjustment of the grating to suit a wide range of applications.

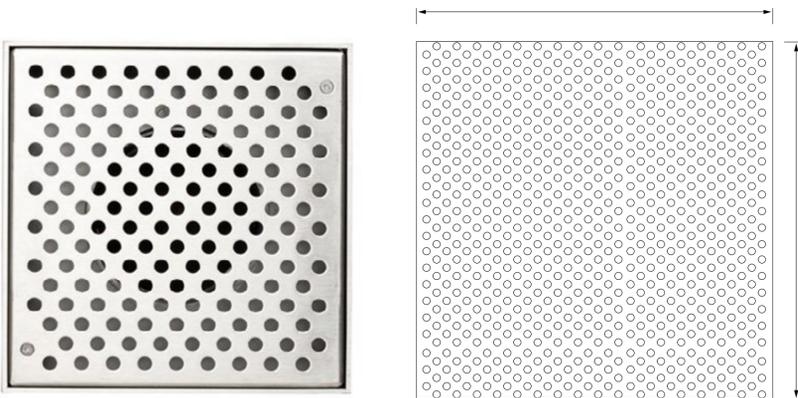
Anti-Slip Mesh Grating Assembly



Frame Size (mm)	Grating Size (mm)	Aperture (mm)	Load Rating	Product Code
200x200	195x195	20	A15	AS20/SS/4/T

- Load Class: A15
- Ideally suited for use in kitchen and food preparation areas
- Available in 195mm x 195mm grating
- NOT barefoot safe

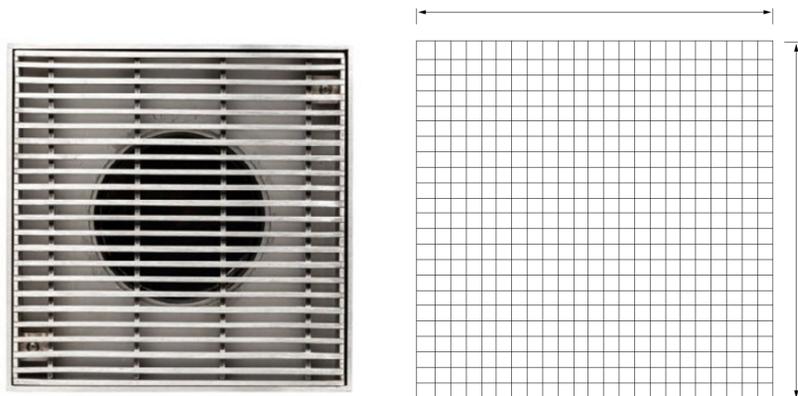
Circular Perforated Grating Assembly



Frame Size (mm)	Grating Size (mm)	Aperture (mm)	Load Rating	Product Code
200x200	195x195	10	A15	PC20/SS/4/T

- Load Class: A15
- Ideally suited for changing areas and domestic showers
- Available in 195mm x 195mm grating
- Barefoot safe

Heel Proof Grating Assembly



Frame Size (mm)	Grating Size (mm)	Aperture (mm)	Load Rating	Product Code
200x200	195x195	5	A15	HP20/SS/4/T

- Load Class: A15
- Ideally suited for use in public realm, changing areas, domestic showers etc.
- Available in 195mm x 195mm grating
- Barefoot safe