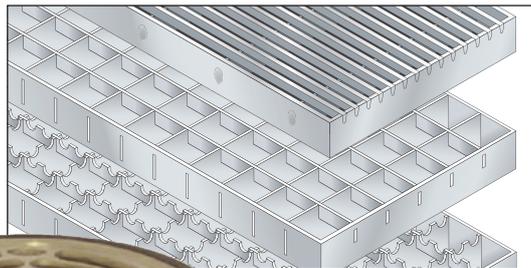


| | |
|----------|------|
| Uniclass | EPIC |
| CI/SfB | |

August 2016

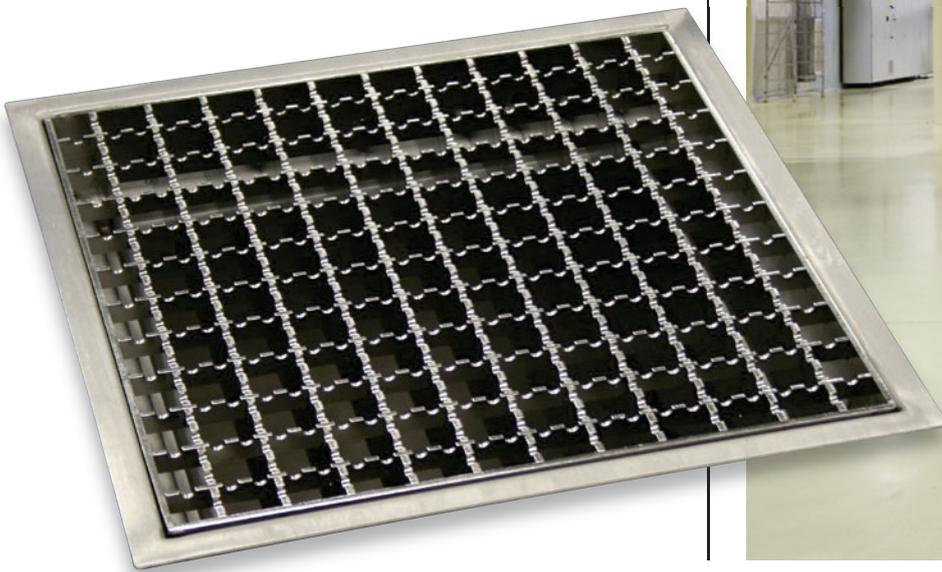


*Drainage Products and Access Covers
for use with vinyl and other flexible sheet material*



A privately owned UK company with more than fifty years' experience in the industry, Wade is established as a leading manufacturer of quality drainage products.

Much of the success of the business is attributable to an on-going commitment to put technology to practical use, to generate fresh ideas, and to guarantee quality assured production.



Wade has developed a range of channels, gullies, gratings and covers specifically for use with flexible sheet material, such as vinyl.

The products have a clamping arrangement that secures the flexible sheet material in the frame/body/channel, to provide a watertight seal.

For drain cleaning purposes, Wade gratings may be removed to enable access to pipework, without disturbing the flexible sheet material or damaging the watertight joint.

Whatever and wherever the application, if flexible sheet material is to be used and drainage and/or access is required beneath, Wade has products to suit.

Additional Information

CAD and BIM files, electronic catalogues etc. are accessible on our website: www.wade.eu

Please send enquiries to tech@wade.eu

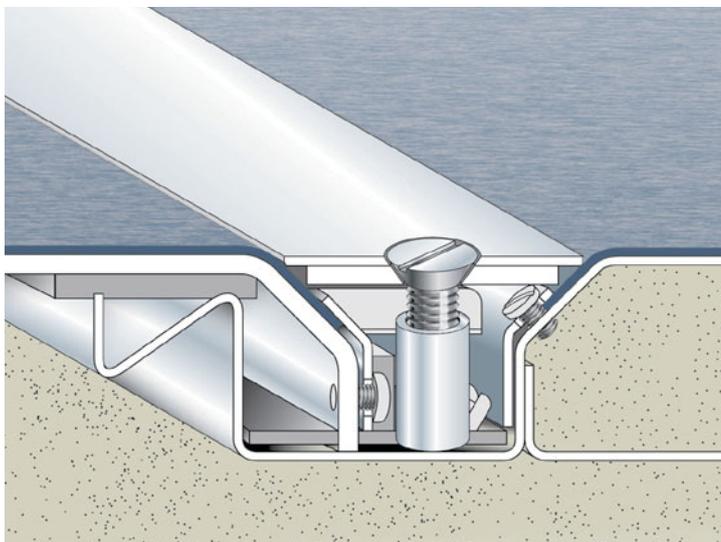
If you wish to talk drainage with one of our technical advisors call: **01787 273998**

Contents

| | |
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| Vari-Level gullies | |
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Section through sliding access cover

Patent pending



For use with gratings, covers and funnels shown on pages 8 and 9.

Vari-Level gullies comprise a cast iron, plastic or stainless steel trapped, or non-trapped body, with a threaded height-adjustable grating, solid cover or funnel of nickel bronze or stainless steel. A watertight seal is achieved by a flooring clamping collar, yet the grating/cover is removable for access to pipework without disturbing the flooring material.

Bodies

Bodies are available in a range of material, styles, sizes and outlet types as illustrated on pages 4, 5 and 6. For details of other versions please refer to our website.

Gratings/covers/funnels

Bodies accept Wade Vari-Level threaded gratings, covers and funnels, shown on pages 8 and 9, with 4" throat; versions with 3" throat may be connected using adaptor U1101 shown on page 11.

Height adjustability – distance between body flange and top of grating/cover.

By rotating the grating/cover/funnel its height above the body flange can be adjusted to suit finished floor level within the following limits:

B504

Max. height = height of grating/cover plus 5mm
Min. height = height of grating/cover minus 15mm

C/D

Max. height = height of grating/cover plus 10mm
Min. height = height of grating/cover minus 30mm

G/Q

Max. height = height of grating/cover minus 10mm
Min. height = height of grating/cover minus 30mm

GP312/614

Max. height = height of grating/cover plus 10mm
Min. height = height of grating/cover minus 5mm

GP1104

Max. height = height of grating/cover plus 10mm
Min. height = height of grating/cover minus NIL

Extra height can be obtained by means of an extension shown on page 10. (GP 3/6 and GP 11 must use UP104 version).

Membrane clamping collar

C and D bodies require a membrane clamping collar which serves to connect the selected grating or cover to the body. Please specify collar required when ordering.

GP bodies are supplied with a 4" throat membrane clamping collar, which serves to connect the selected grating or cover to the body.

B, G, QB and QC bodies are threaded to accept the selected grating or cover, so a membrane clamping collar is required only in applications where a damp proof membrane is used.

To specify/order, select collar Spec. Code from table.

Side inlets

Certain bodies, as illustrated, have an optional facility for side inlets. To specify/order, quote the location and size of each side inlet, as set out on page 11.

Accessories

A range of accessories is shown on pages 10 and 11.

Connections

Bodies with spigot outlet are for direct connection to pipework; versions with BSP threaded outlet are for connection to pipework by means of an adaptor.

Details of adaptors for connecting to different types and sizes of pipework are shown on pages 10 and 11.

To specify/order

Quote the Spec. Codes for the selected body, grating, options and accessories.

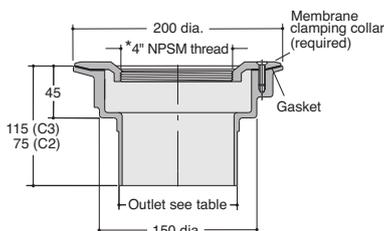
When using a C or D body, a membrane clamping collar must also be specified, per table.

*If using a 3" throat dia grating, add suffix '3' to the collar Spec. Code (applies to C bodies only).

Cast iron non-trapped bodies

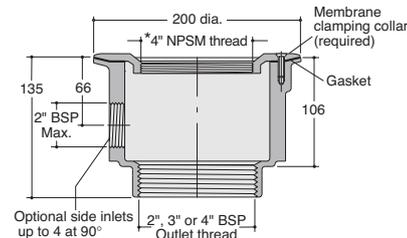
(for full range refer to website)

C2/C3 series



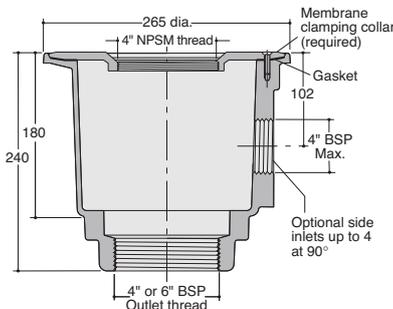
C5 series

Deep sump plus optional side inlet



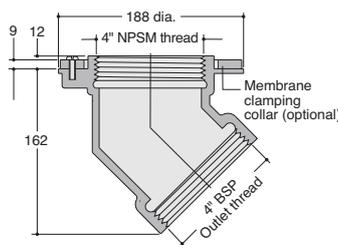
D4 series

Deep sump plus optional side inlet



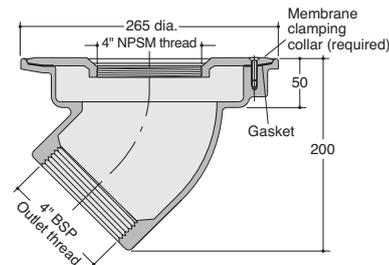
B504

45° threaded outlet



D604

45° threaded outlet



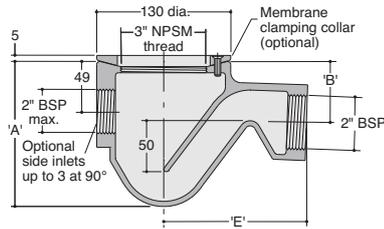
| Spec. Code | Outlet size | Pipework system | Free area cm ² |
|------------|-------------|-----------------|---------------------------|
| C202 | 2" BSP | • | 19 |
| C203 | 3" BSP | • | 44 |
| C204 | 4" BSP | • | 78 |
| C343 | 82mm | Plastic | 44 |
| C344 | 110mm | Plastic | 78 |
| C363 | 75mm | BS 437 | 44 |
| C364 | 100mm | BS 437 | 78 |
| C393 | 75mm | BS 416 | 44 |
| C502 | 2" BSP | • | 19 |
| C503 | 3" BSP | • | 44 |
| C504 | 4" BSP | • | 78 |
| D404 | 4" BSP | • | 78 |
| D406 | 6" BSP | • | 176 |
| B504 | 4" BSP | • | 78 |
| D604 | 4" BSP | • | 78 |

VARI-LEVEL BODIES – CAST IRON

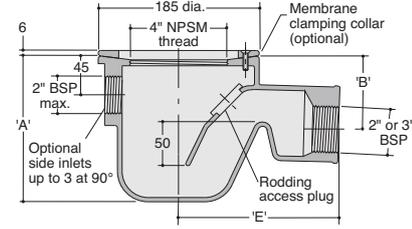
For use with gratings, covers and funnels shown on pages 8 and 9.

Cast iron 'P' trapped bodies – 50mm seal

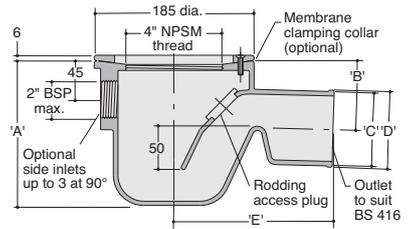
G102



G2 series



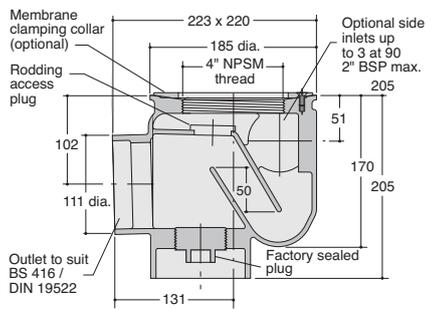
G3 series



| Spec. Code | Outlet size | A | B | C | D | E | Free area cm ² |
|------------|-------------|-----|----|-----|---------|-----|---------------------------|
| G102 | 2" BSP | 142 | 60 | • | • | 140 | 19 |
| G202 | 2" BSP | 170 | 85 | • | • | 185 | 19 |
| G203 | 3" BSP | 205 | 96 | • | • | 190 | 44 |
| G303 | 75mm | 170 | 80 | 87 | 89 | 185 | 44 |
| G304 | 100mm | 205 | 92 | 112 | No bead | 190 | 78 |
| G804 | 100mm | • | • | • | • | • | 72 |

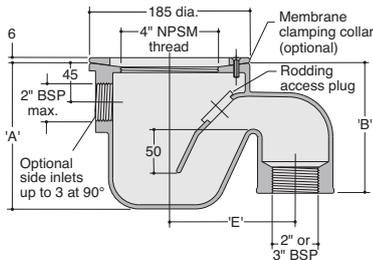
When a damp proof membrane is being used, add suffix 'C' to Spec. Code.

G804

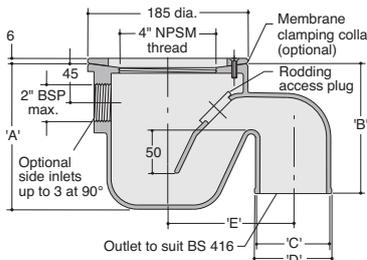


Cast iron 'S' trapped bodies – 50mm seal

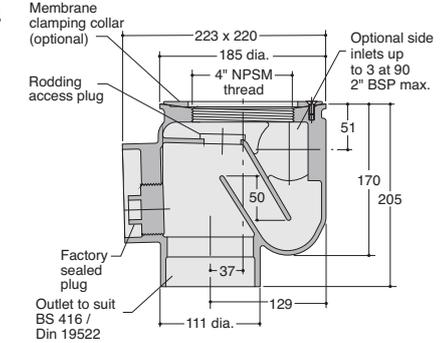
G5 series



G6 series



G1004

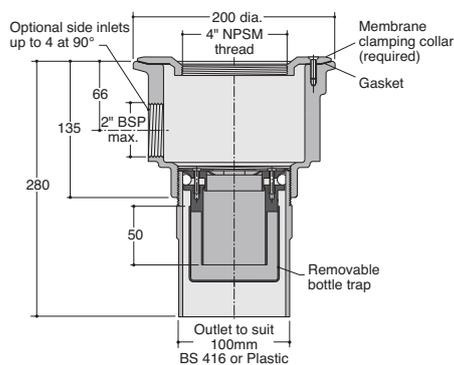


| Spec. Code | Outlet size | A | B | C | D | E | Free area cm ² |
|------------|-------------|-----|-----|-----|---------|-----|---------------------------|
| G502 | 2" BSP | 170 | 150 | • | • | 145 | 19 |
| G503 | 3" BSP | 205 | 165 | • | • | 156 | 44 |
| G603 | 75mm | 170 | 150 | 87 | 89 | 145 | 44 |
| G604 | 100mm | 205 | 165 | 112 | No bead | 155 | 78 |
| G1004 | 100mm | • | • | • | • | • | 72 |

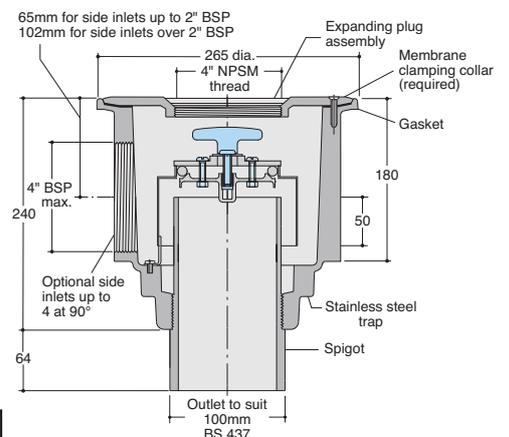
When a damp proof membrane is being used, add suffix 'C' to Spec. Code.

Cast iron inline trapped bodies – 50mm seal

GC144



GD series



| Spec. Code | Outlet size | Free area cm ² |
|------------|-------------|---------------------------|
| GC144 | 100mm | 20 |
| GD144 | 100mm | 78 |
| GD164 | 100mm | 78 |

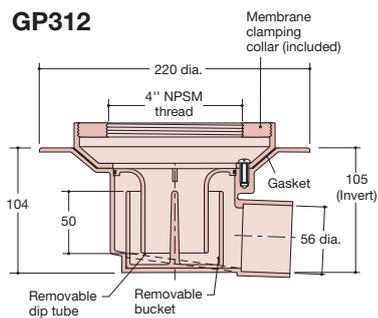
When using a GC or GD series body a membrane clamping collar must also be specified, per table.

Note: GC144 is designed for low volume drainage applications (max. flow rate of 1l/s). Frequent cleaning will be necessary in applications where very high amounts of hair and other waste material are present.

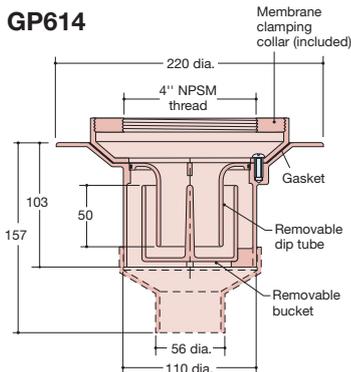
For use with gratings, covers and funnels shown on pages 8 and 9.

Plastic, trapped – 50mm seal

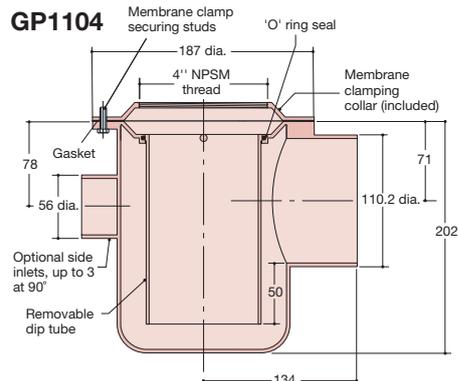
GP312



GP614



GP1104



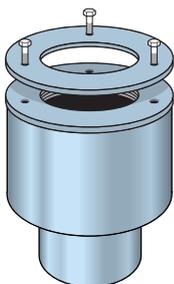
| Spec. Code | Outlet size mm | Pipework system | Free area cm ² |
|------------|----------------|-----------------|---------------------------|
| GP312 | 50 | Plastic | 14 |
| GP614 | 110/50* | BS 416/Plastic | 14 |
| GP1104 | 110 | BS 416/Plastic | 67 |

* 50mm reducer supplied loose

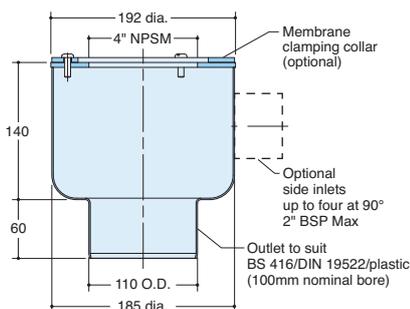
Note: GP312/GP614 are designed for low volume drainage applications (max. flow rate of 40 l/min). Frequent cleaning will be necessary in applications where very high amounts of hair and other waste material are present.

Stainless steel grade 304

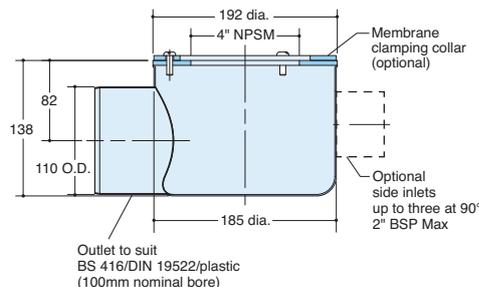
Non-trapped



QB114 – Vertical outlet



QB214 – Horizontal outlet



QB114C, body with optional membrane clamping collar.

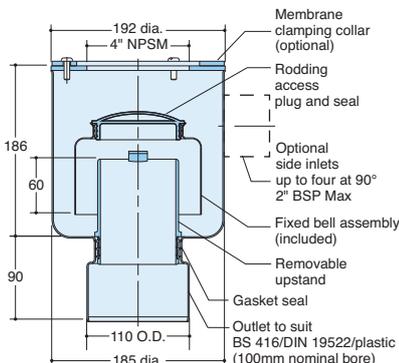
| Spec. Code | Outlet size mm | Free area cm ² |
|------------|----------------|---------------------------|
| QB114 | 100 | 78 |
| QB214 | 100 | 78 |

When a damp proof membrane is being used, add suffix 'C' to Spec. Code.

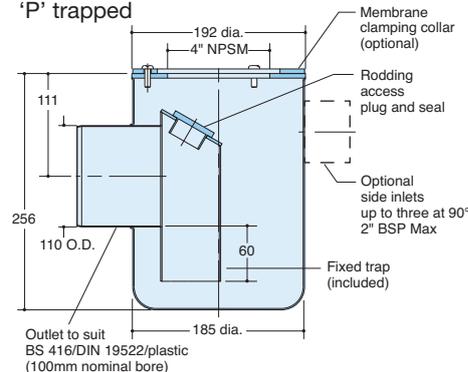
Trapped – 60mm seal



QG114 – Vertical outlet bell trapped



QG214 – Horizontal outlet 'P' trapped



QG114C, 'Bell' trapped body with rod access 60mm seal, with optional membrane clamping collar.

| Spec. Code | Outlet size mm | Free area cm ² | Trap type |
|------------|----------------|---------------------------|-----------|
| QG114 | 100 | 51 | Bell |
| QG214 | 100 | 60 | P |

When a damp proof membrane is being used, add suffix 'C' to Spec. Code.

Options

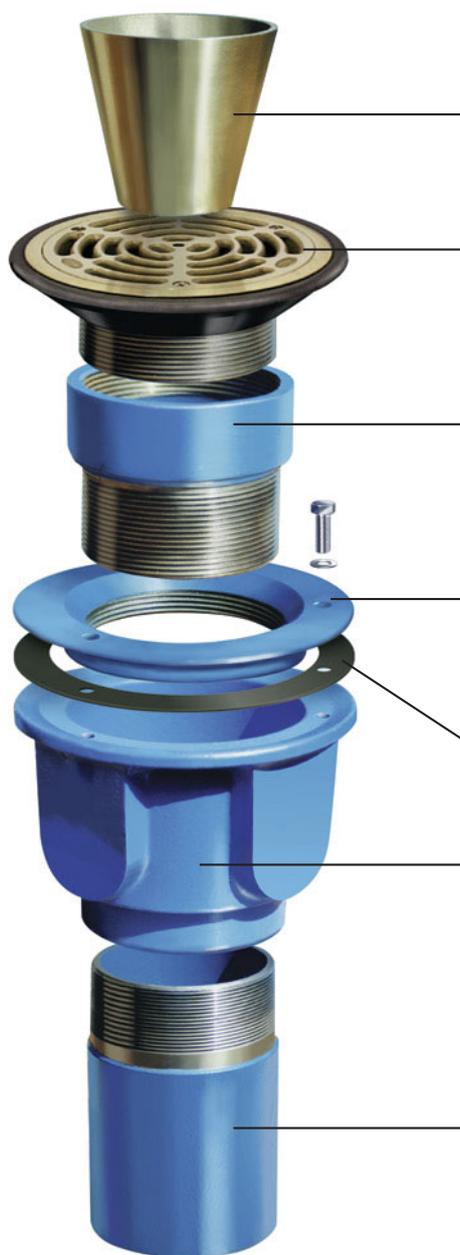
All stainless steel bodies have facility for optional side inlets – see page 11 for details. Add suffix 'M' to Spec. Code for grade 316 stainless steel.

The term Vari-Level refers to the fine adjustability of the height of a grating or access cover above a body; this feature enables installation exactly at finished floor level by rotating the grating or access cover.

A Vari-Level gully comprises, as a minimum, a Vari-Level body and a Vari-Level grating; in some versions these items fit together directly, but, mostly, connection is by means of an inter-connecting, dual-purpose part – a membrane clamping collar.

To address a myriad of applications, different versions of Vari-Level bodies are available for use with a wide range of Vari-Level gratings, Vari-Level access covers and Vari-Level accessories, as illustrated in this section.

Representation of a Vari-Level gully assembly with accessories and threaded pipework adaptor



| | | | Page |
|---------------------------------|--|--|-------------|
| Funnel (bolt-on) | Accepts indirect discharge from waste pipes (optional) | | 10 |
| Grating or access cover | Nickel bronze, stainless steel | | 8–9 |
| Extension | Provides additional height for gratings and access covers (optional) | | 10 |
| Membrane clamping collar | Also serves to connect the grating or access cover to the body on most series; optional facility on others | | 4–5 |
| Sealing gasket | | | |
| Body | Non-trapped, cast iron | | 4 |
| | Trapped, cast iron | | 5 |
| | Trapped, plastic | | 6 |
| | Stainless steel | | 6 |
| | Side inlets | | 11 |
| Pipework adaptor | Enables effective connection to all sizes and types of pipework in general use | | 11 |

To view our full range of Vari-Level options visit our website: www.wade.eu

VARI-LEVEL GRATINGS, ACCESS COVERS, FUNNELS

(Use with vinyl/material thickness 2mm-6mm)

For use with Vari-Level bodies shown on pages 4 to 6.

Gratings, solid covers, funnels

Vari-Level threaded gratings, covers and funnels are height adjustable with a fine thread to enable accurate installation at finished floor level. Please refer to page 4 for height adjustability dimensions. Vari-Level threaded gratings/covers/funnels may also be connected to pipework and proprietary gullies by means of adaptors, illustrated on page 11.

Options

To specify/order add suffix to Spec. Code.

- H** Fitted with Pin Torx* screws for security applications. (K3604 has Pin Torx* screws as standard).
*Pin Hex screws if grade 316 specified.
- I** Tapped to provide a direct connection for waste pipes – specify size BSP – 1¼”, 1½” or 2”.
(applies to K51 series; K5103 may also be tapped 3” or 4” BSP; K5102 may also be tapped 3” BSP).
- M** Grade 316 stainless steel.
- P** Polished – stainless steel only (K3407 is polished as standard).

K1807

Peripheral slot
Options H, I, not available



K23 series

Open grating Nickel bronze or stainless steel



K3604

Security grating



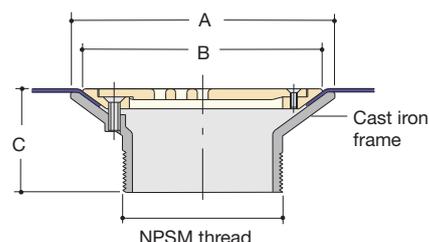
K51 series

Gasketed sealed cover (K5107 unsealed)
Nickel bronze or stainless steel



K56 series

Double sealed quick release cover
Nickel bronze or stainless steel



| Open grating | Spec. Code | | | Material | Throat dia inches | A mm | B mm | C mm | Grating free area cm ² | Load rating class | Grating aperture width |
|--------------|-------------|-----------------------|--|-----------------|-------------------|------|------|------|-----------------------------------|-------------------|------------------------|
| | Solid cover | SuperSeal solid cover | | | | | | | | | |
| K1807 | • | • | | Stainless steel | 4 | 176 | 160 | 60 | 26 | K3 | 6 |
| K2301 | K5101 | • | | Nickel bronze | 3 | 142 | 129 | 54 | 32 | L15 | 7 |
| K2302 | K5102 | K5601 | | Nickel bronze | 4 | 176 | 160 | 60 | 48 | L15 | 6 |
| K2307 | K5107 | K5607 | | Stainless steel | 4 | 176 | 160 | 60 | 48 | L15 | 6 |
| K2303 | K5103 | • | | Nickel bronze | 4 | 250 | 230 | 58 | 106 | L15 | 6 |
| K3604 | • | • | | Stainless steel | 4 | 176 | 160 | 60 | 20 | K3 | 4 |

K3401



K3407



K3402



| Spec. Code | Material | Throat dia inches | Overall size above FFL mm | Overall size at FFL mm | Depth below FFL mm | Free area cm ² |
|------------|-----------------|-------------------|---------------------------|------------------------|--------------------|---------------------------|
| K3401 | Nickel bronze | 4 | 176 dia. | 101 dia. x 101 H | 60 | 12 |
| K3407 | Stainless steel | 4 | 176 dia. | 101 dia. x 101 H | 60 | 35 |
| K3402 | Nickel bronze | 4 | 176 dia. | 222 L x 82 W x 96 H | 60 | 21 |

Note: Funnels have a built-in vermin guard.

VARI-LEVEL GRATINGS

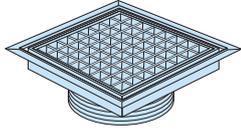
(Use with vinyl/material thickness 2mm-3mm)

For use with Vari-Level bodies shown on pages 4 to 6.

Stainless steel – grade 304, satin finish

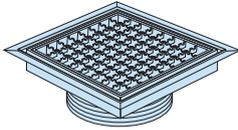
L35 series

Plain mesh
(grating not secured)



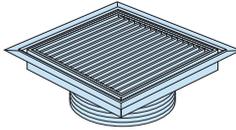
L36 series

Anti-slip mesh
(grating not secured)



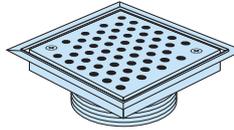
L37 series

Streamline heel-proof
reverse wedge profile
grating is secured with
Pin hex screw



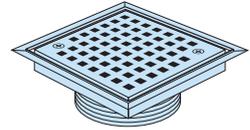
L38 series

Perforated grating
(circular apertures)



L39 series

Perforated grating
(square apertures)

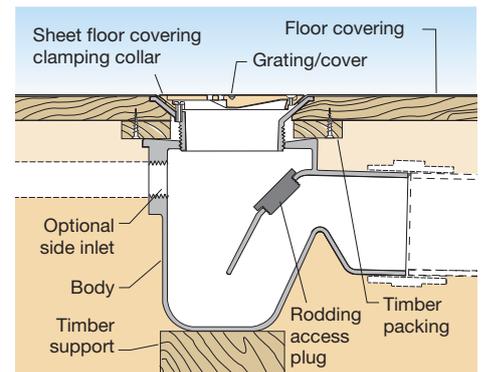


| Spec. Code | Pipework nom. dia. | Overall size mm | FFL size mm | Overall height mm | Throat dia. inches | Free area cm ² | Max. aperture width mm | Load rating class |
|------------|--------------------|-----------------|-------------|-------------------|--------------------|---------------------------|------------------------|-------------------|
| L3501 | 100 | 200 sq. | 173 sq. | 98 | 4 | 150 | 23 | L15 |
| L3502 | 100 | 250 sq. | 223 sq. | 98 | 4 | 290 | 23 | L15 |
| L3601 | 100 | 200 sq. | 173 sq. | 98 | 4 | 150 | 23 | L15 |
| L3602 | 100 | 250 sq. | 223 sq. | 98 | 4 | 290 | 23 | L15 |
| L3701 | 100 | 200 sq. | 173 sq. | 98 | 4 | 105 | 5 | L15 |
| L3702 | 100 | 250 sq. | 223 sq. | 98 | 4 | 216 | 5 | L15 |
| L3801 | 100 | 200 sq. | 173 sq. | 98 | 4 | 34 | 8 | K3 |
| L3802 | 100 | 250 sq. | 223 sq. | 98 | 4 | 75 | 8 | K3 |
| L3901 | 100 | 200 sq. | 173 sq. | 98 | 4 | 38 | 8 | K3 |
| L3902 | 100 | 250 sq. | 223 sq. | 98 | 4 | 74 | 8 | K3 |

Examples of typical assemblies and installations

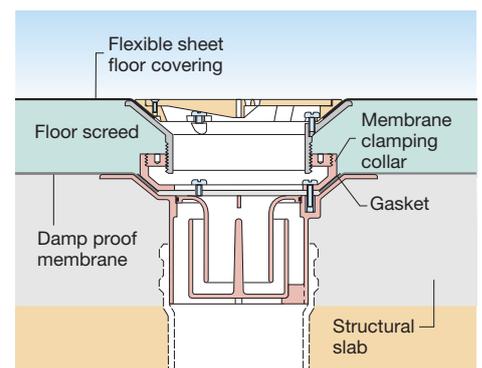
Assembly with cast iron trapped body

G202 trapped cast iron body with
K2302 nickel bronze grating.



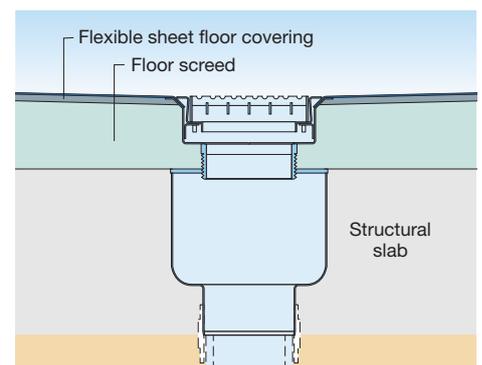
Assembly with plastic trapped body

GP614 body assembly with
K2302 nickel bronze grating.



Assembly with stainless steel non-trapped body

QB114 body assembly with
L3601 stainless steel grating.



Bolt-on funnels

For use with gratings in applications where provision for indirect waste or condensate drainage is required in addition to floor drainage.



U501
Nickel bronze
Diameter: 101
Height: 101



U511
Stainless steel
Diameter: 101
Height: 100
Polished



U601
Nickel bronze
Width: 85
Length: 225
Height: 96

To take single indirect waste pipe.

To take multiple indirect waste pipes; (for use with gratings. min. 150mm dia).

Filter bucket

Nylon 6, used to intercept debris, valuables etc.



UP701
To fit inside gratings with 4" throat. (Not K1807). Typical installation shown on page 17.

UP702
Deep version for use with Vari-Level gratings with bodies C5, D4 & D8, adaptors T702, T901 and extensions U1 series.

Removable bottle trap

Nylon 6, silicone rubber



U1404
To fit inside a grating, funnel or body, with 4" throat/outlet. If used with a 2"/3" body a U1 extension must be used.

Note: Frequent cleaning will be necessary in applications where very high amounts of hair and other waste material are present.

Vari-Level extensions and grating/cover/funnel to pipework adaptors



Extension – Cast iron

Used to increase the height between the top of a body and finished floor level.

Note: Extensions may be stacked to obtain extra height, but rodding access will be restricted when used with G, GP and QG series trapped bodies.

| Spec. Code | Max O.D. | Thread female | NPSM male | Overall height | Height gained min. | Height gained max. |
|------------|----------|---------------|-----------|----------------|--------------------|--------------------|
| U101 | 106 | 3" | 3" | 127 | 42 | 120 |
| U102 | 130 | 4" | 4" | 60 | 37 | 55 |
| U103 | 130 | 4" | 4" | 100 | 40 | 95 |
| U104 | 130 | 4" | 4" | 152 | 85 | 145 |
| U208 | 168 | 4" | • | 25 | 25 | 25 |
| UP104* | 120 | 4" | 4" | 152 | 36 | 145 |

* Plastic version

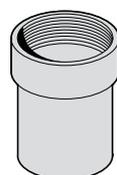
U101 For use with Vari-Level gratings/funnels/covers with 3" throat and bodies with 3" inlet.

U102, U103, U104 For use with Vari-Level gratings/funnels/covers with 4" throat and bodies with 4" inlet.

UP104 Plastic version for use with plastic trapped bodies and gratings/funnels/covers with 4" throat.

U208 For use with Vari-Level gratings/covers with 4" throat and bodies series G2-G6, G8, G10, QB, QG to provide height increase of only 25mm: this bolt-on extension cannot be stacked. To specify/order add suffix 'E' to Spec. Code.

Note: Additional height dimensions given in the table above should be added to the max. and min. dimensions given in the 'Height Adjustability' section on page 4.



Vari-Level grating/cover/funnel to pipework adaptors

Vari-Level gratings/covers/funnels, when used without a body, may be connected to pipework by means of a cast iron adaptor, as shown in the table below.

Adaptors for use with 3" throat Vari-Level gratings/covers/funnels

| Spec. Code | Pipework system | Overall length |
|------------|-------------------------|----------------|
| T701 | Plastic 82mm O.D. | 127 |
| T714 | Plastic 75mm O.D. | 130 |
| T712 | Plastic 110mm O.D. | 115 |
| T801 | C.I. BS 416 75mm | 127 |
| T712 | C.I. BS 416 100mm | 115 |
| T701 | C.I. DIN 19522/SMU 75mm | 127 |
| T712 | C.I. DIN 19522 100mm | 115 |
| T911 | Clay supersleve 100mm | 145 |

Adaptors for use with 4" throat Vari-Level gratings/covers/funnels

| Spec. Code | Pipework system | Overall length |
|------------|---------------------------------|----------------|
| T703 | Plastic 82mm O.D. | 115 |
| T704 | Plastic 75mm O.D. | 115 |
| TP702* | Plastic 110mm O.D. | 152 |
| T792 | C.I. BS 416 50mm | 180 |
| T803 | C.I. BS 416 75mm | 115 |
| T702 | C.I. BS 416 100mm | 100 |
| T792 | C.I. DIN 19522 50mm | 180 |
| T703 | C.I. DIN 19522/SMU 75mm | 115 |
| T702 | C.I. DIN 19522 100mm | 100 |
| T901 | Clay supersleve 100mm | 130 |
| TP702* | C.I. BS 416/DIN 19522 100mm | 152 |
| T742 | 2" BSP (has 2" BSP male thread) | 220 |

* Plastic version



T1103
Push fit coupling
BS 416/437
to SuperSleve

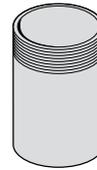


T12
Copper to BS 416
Adaptor must be
brazed/soldered
to copper before
connecting to BS 416



T1501
MJ coupling
BS 416 to plastic

Threaded pipework adaptors



T1702
Adaptor,
plastic (ABS)

T1704
Adaptor,
plastic (ABS)

A range of adaptors, shown in the table below, enables gullies with BSP threaded outlet to be connected speedily and effectively to all pipework in general use.

Longer adaptors, such as required to pass through a slab, can be made in 10mm increments up to 900mm (except T501, T502, T1702, T1704).

To specify/order add suffix '#' and length (mm). On request, adaptors may also be threaded both ends. For details, please contact our Technical Services Department.



T1603
MJ coupling
75mm BS 416 to
Ensign



U1101
Reducing bush
To enable 3" throat gratings/
covers to be used in Vari-Level
bodies/adaptors with 4" inlet
Note: Height of grating/cover
will be increased by 15mm
min./27mm max.

| Spec. Code | From part/pipework | To part/pipework |
|------------|------------------------------------|--------------------------------|
| T1103 | 100mm BS 416/BS 437 | 100mm clay Supersleve pipework |
| T1201 | 50mm BS 416 | 50mm copper |
| T1202 | 75mm BS 416 | 75mm copper |
| T1203 | 100mm BS 416 | 100mm copper |
| T1501 | 100mm BS 416 | 100mm copper |
| T1603 | 75mm BS 416 | 75mm Din 19522 Ensign pipework |
| U1101 | Vari-Level grating/cover 3" throat | Vari-Level bodies 100mm inlet |

| Spec. Code | Pipework mm | Nom. dia. mm | Length | Body outlet BSP |
|------------|----------------------------|--------------|--------|-----------------|
| T101 | Cast iron BS 416 | 50 | 90 | 2" |
| T102 | Cast iron BS 416 | 75 | 90 | 3" |
| T103 | Cast iron BS 416 | 100 | 90 | 4" |
| T104 | Cast iron BS 416 | 150 | 90 | 6" |
| T105 | Cast iron BS 437 | 100 | 90 | 4" |
| T106 | Cast iron BS 437 | 150 | 90 | 6" |
| T101 | Ensign + SMU | 50 | 90 | 2" |
| T108 | SMU | 75 | 90 | 3" |
| T103 | Ensign + SMU | 100 | 90 | 4" |
| T1702* | Plastic | 50 | 60 | 2" |
| T301 | Plastic | 82 | 140 | 3" |
| T1704* | Plastic | 110 | 126 | 4" |
| T1802 | Stainless steel (Europipe) | 50 | 90 | 2" |
| T501 | Clay (Supersleve) | 100 | 130 | 4" |

* Solvent weld sockets

Side inlets

Side inlets in a gully permit the underfloor connection of pipes from fixtures such as sinks and wash basins, from drainage channels and from other gullies.

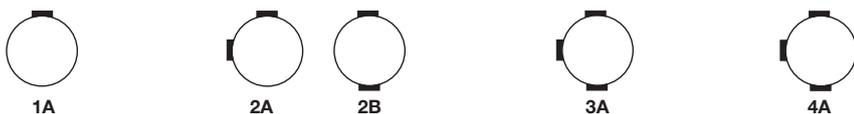
Side inlets in Wade trapped gullies illustrated are located completely above the water level, except in the GD series where the inlets are partially below water level.

The illustrations represent typical gully bodies, viewed from above, and show the Spec. Codes for all possible combinations of locations.

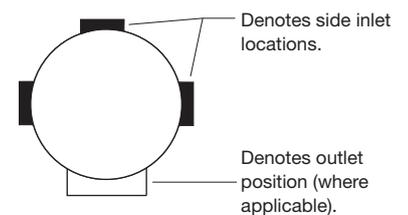
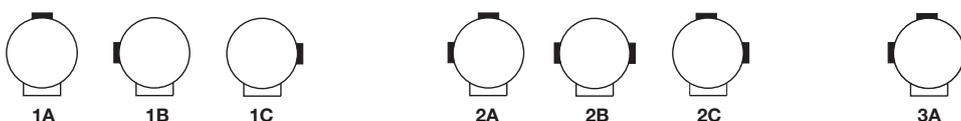
Unless otherwise requested, side inlets in cast iron gully bodies will be supplied as BSP female threads (specify thread size); stainless steel bodies have BSP female threads up to 2"; above 2", spigot side inlets are supplied to suit BS 416 pipework.

GP1104 plastic gully has three untrapped side inlets moulded in that will accept 50mm plastic pipework; these inlets are usable by removing knock-outs from the body on site.

Gully bodies with vertical outlet



Gully bodies with 'P' or 'S' trapped outlet



To specify/order

Quote the Spec. Code for the selected body, with suffix 'I', and the location and size of each inlet. e.g. G304 body with 2 side inlets tapped 1.5" BSP, in locations per illustration 2B. Specify: G304I2B1.5.

STAINLESS STEEL GULLIES – 223mm square

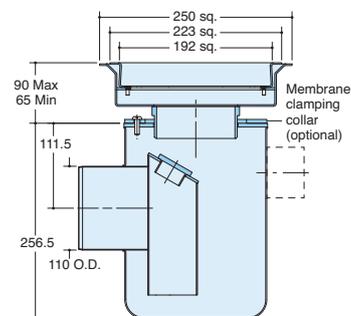
(Use with vinyl/material thickness 2mm-3mm)

Body assemblies – 60mm seal – stainless steel austenitic grade 304, 1.5mm thickness (minimum)

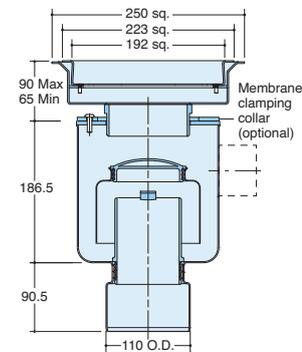
For use with drop in gratings shown below.

Bodies are for direct connection to cast iron BS 416/DIN 19522 and PVC pipework; they can be connected to other pipework systems by means of adaptors shown on page 11.

Height adjustable – with a fine thread



| Spec. Code | Free area cm ² | Outlet size |
|------------|---------------------------|-------------|
| Q2334V | 60 | 100 |



| Spec. Code | Free area cm ² | Outlet size |
|------------|---------------------------|-------------|
| Q2434V | 51 | 100 |



Q2434V height adjustable body assembly with **Q4232** anti-slip mesh grating.

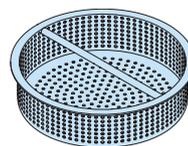
Options

Filter bucket

A stainless steel filter bucket is available to intercept solids. To specify/order, add suffix 'B' to the Spec. Code.

Stainless steel
Q2734 or Q2834

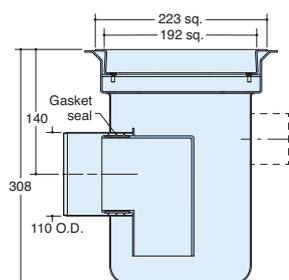
Nylon
Q2334 or Q2434



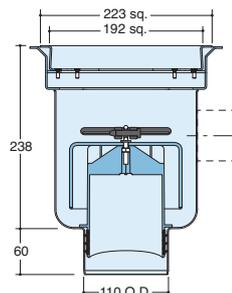
Funnel (bolt-on) U511



Non-height adjustable



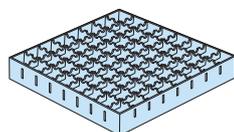
| Spec. Code | Free area cm ² | Outlet size |
|------------|---------------------------|-------------|
| Q2734V | 70 | 100 |



| Spec. Code | Free area cm ² | Outlet size |
|------------|---------------------------|-------------|
| Q2834V | 65 | 100 |

Gratings – stainless steel austenitic grade 304

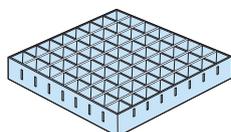
For use with body assemblies shown above.



Q4232

Anti-slip mesh

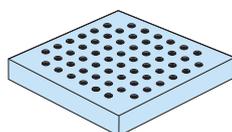
Double notched bars make this grating suited for wet or greasy floors.



Q5232

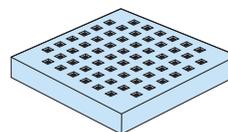
Plain mesh

Established design with good loading characteristics and generous free area.



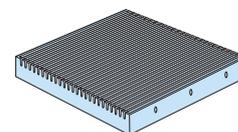
Q6230

Smooth perforated (circular apertures). Suited for bathrooms, shower areas etc.



Q6430

Smooth perforated (square apertures). Suited for bathrooms, shower areas etc.



Q9233

Streamline

Heel-proof reverse wedge profile. Also suited for barefoot zones.

| Spec. Code | Length mm | Width mm | Depth mm | Max aperture width mm | Free area cm ² | Load rating class |
|------------|-----------|----------|----------|-----------------------|---------------------------|-------------------|
| Q4232 | 192 | 192 | 30 | 23 x 23 | 290 | L15 |
| Q5232 | 192 | 192 | 30 | 23 x 23 | 290 | L15 |
| Q6230 | 192 | 192 | 30 | 8 dia. | 61 | K3 |
| Q6430 | 192 | 192 | 30 | 8 x 8 | 77 | K3 |
| Q9233 | 192 | 192 | 30 | 5 | L15 | L15 |

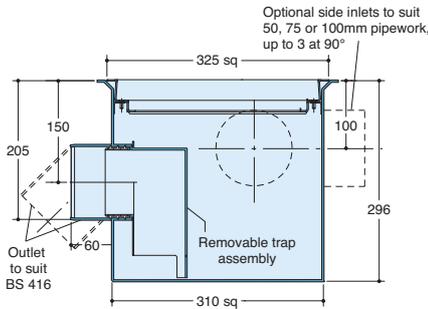
To specify/order: Quote the Spec. Codes for the selected body assembly, grating and options.

Body assemblies – 60mm seal – stainless steel austenitic grade 304, 1.5mm thickness (minimum)

For use with drop in gratings shown below.

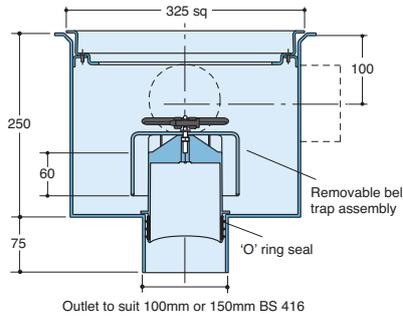
Bodies are for direct connection to cast iron BS 416/DIN 19522 and PVC pipework; they can be connected to other pipework systems by means of adaptors shown on page 11.

'P'/'Q' trapped – Q1234V/Q1334V



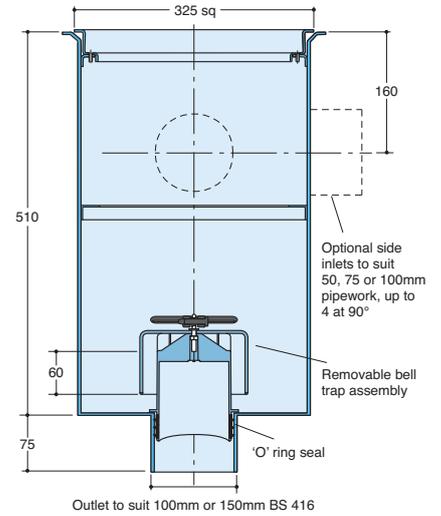
| Spec. Code | A | Outlet size mm | Free area cm ² | Trap type |
|------------|-----|----------------|---------------------------|-----------|
| Q1234V | 100 | 100 | 70 | P |
| Q1334V | 100 | 100 | 70 | Q |

Bell trapped – Q14V series



| Spec. Code | A | Outlet size mm | Free area cm ² |
|------------|---------|----------------|---------------------------|
| Q1434V | 325 sq. | 100 | 65 |
| Q1436V | 325 sq. | 150 | 176 |

Bell trapped – Q10V series



| Spec. Code | A | Outlet size mm | Free area cm ² |
|------------|---------|----------------|---------------------------|
| Q1034V | 325 sq. | 100 | 65 |
| Q1036V | 325 sq. | 150 | 176 |

Options

Filter bucket

A stainless steel filter bucket is available to intercept solids. To specify/order, add suffix 'B' to the Spec. Code.

Funnel (bolt-on) U511

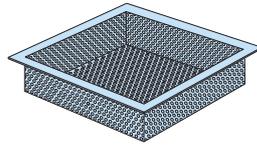
To specify/order, add suffix 'M' to the Spec. Code.

Non-trapped version

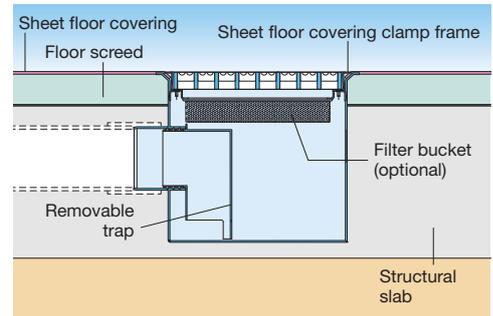
Q10V and Q14V, can be supplied non-trapped. To specify/order, add suffix 'N' to the Spec. Code.

Side inlets

Quote location and size of side inlets, as set out on page 11, max 100mm.

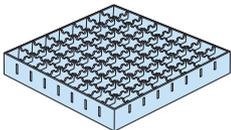


Typical installation



Gratings – stainless steel austenitic grade 304

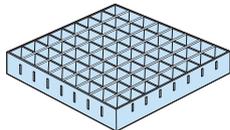
For use with body assemblies shown above.



Q4332

Anti-slip mesh

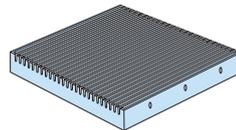
Double notched bars make this grating suited for wet or greasy floors.



Q5332

Plain mesh

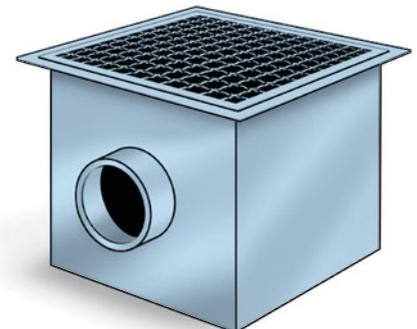
Established design with good loading characteristics and generous free area.



Q9333

Streamline

Heel-proof reverse wedge profile. Also suited for barefoot zones.



Q1234V Gully body assembly with Q4332 anti-slip mesh grating

| Spec. Code | Length mm | Width mm | Depth/load bar mm | Aperture mm | Free area cm ² | Load rating class |
|------------|-----------|----------|-------------------|-------------|---------------------------|-------------------|
| Q4332 | 293 | 293 | 30/2 | 23 x 23 | 670 | L15 |
| Q5332 | 293 | 293 | 30/2 | 23 x 23 | 670 | L15 |
| Q9333 | 293 | 293 | 30/3 | 5 | 405 | L15 |

To specify/order: Quote the Spec. Codes for the selected body assembly, grating and options.

For use with channel shown opposite.

Stainless steel – grade 304

Streamline Reverse wedge profile reduces incidence of blocked gratings. Suited for pedestrian areas, including barefoot zones, while providing an effective barrier at thresholds.

| Spec. Code | Illust. no | Width | Length | Depth | Max aperture width | Free area cm ² /m | Load class |
|------------|------------|-------|---------|-------|--------------------|------------------------------|------------|
| SS3080B5 | 1 | 82 | 500 | 20 | 5 | 375 | B125 |
| SS3135A5 | 1 | 135 | 500 | 20 | 5 | 740 | A15 |
| SS3135B5 | 1 | 135 | 500 | 30 | 5 | 740 | B125 |
| SS3150A5 | 1 | 152 | 500 | 20 | 5 | 810 | A15 |
| SS3150B5 | 1 | 152 | 500 | 30 | 5 | 810 | B125 |
| SS3080B1 | 1 | 82 | 1000 | 20 | 5 | 375 | B125 |
| SS3135A1 | 1 | 135 | 1000 | 20 | 5 | 740 | A15 |
| SS3135B1 | 1 | 135 | 1000 | 30 | 5 | 740 | B125 |
| SS3150A1 | 1 | 152 | 1000 | 20 | 5 | 810 | A15 |
| SS3150B1 | 1 | 152 | 1000 | 30 | 5 | 810 | B125 |
| SS3080BC | 2 | 82 | 250x250 | 20 | 5 | 375 | B125 |
| SS3135AC | 2 | 135 | 250x250 | 20 | 5 | 740 | A15 |
| SS3150AC | 2 | 152 | 250x250 | 20 | 5 | 825 | A15 |

Plain mesh Established design with good loading characteristics and generous free area.

| Spec. Code | Illust. no | Width | Length | Depth | Max aperture width | Free area cm ² /m | Load class |
|------------|------------|-------|--------|-------|--------------------|------------------------------|------------|
| *SS5135A5 | 3 | 134 | 500 | 20 | 23 sq. | 1080 | A15 |
| *SS5135B5 | 3 | 134 | 500 | 30 | 23 sq. | 1080 | B125 |
| SS5150A5 | 3 | 149 | 500 | 20 | 23 sq. | 1205 | A15 |
| SS5150B5 | 3 | 149 | 500 | 30 | 23 sq. | 1205 | B125 |
| SS5200A5 | 3 | 199 | 500 | 20 | 23 sq. | 1620 | A15 |
| SS5200B5 | 3 | 199 | 500 | 30 | 23 sq. | 1620 | B125 |
| SS5300A5 | 3 | 299 | 500 | 30 | 23 sq. | 2440 | A15 |
| SS5300B5 | 3 | 299 | 500 | 40 | 23 sq. | 2440 | B125 |

*Aperture width reduced to 13mm on long edges.

Anti-slip mesh Double notched bars make this grating suited for wet or greasy floors such as at abattoirs and in catering, food processing and pharmaceutical industries.

| Spec. Code | Illust. no | Width | Length | Depth | Max aperture width | Free area cm ² /m | Load class |
|------------|------------|-------|--------|-------|--------------------|------------------------------|------------|
| *SS7135A5 | 4 | 134 | 500 | 20 | 23 sq. | 1080 | A15 |
| *SS7135B5 | 4 | 134 | 500 | 30 | 23 sq. | 1080 | B125 |
| SS7150A5 | 4 | 149 | 500 | 20 | 23 sq. | 1205 | A15 |
| SS7150B5 | 4 | 149 | 500 | 30 | 23 sq. | 1205 | B125 |
| SS7200A5 | 4 | 199 | 500 | 20 | 23 sq. | 1620 | A15 |
| SS7200B5 | 4 | 199 | 500 | 30 | 23 sq. | 1620 | B125 |
| SS7300A5 | 4 | 299 | 500 | 30 | 23 sq. | 2440 | A15 |
| SS7300B5 | 4 | 299 | 500 | 40 | 23 sq. | 2440 | B125 |

*Aperture width reduced to 13mm on long edges.

Nickel bronze BS EN 1982 – satin finish

Durable high quality gratings particularly suited to areas subject to a high volume of pedestrian traffic.

Standard aperture

| Spec. Code | Illust. no | Width | Length | Depth | Max aperture width | Free area cm ² /m | Load class |
|------------|------------|-------|--------|-------|--------------------|------------------------------|------------|
| SN11230 | 1 | 60 | 495 | 15 | 10 | 172 | B125 |
| SN11430 | 2 | 60 | 496 | 15 | 16 sq. | 184 | B125 |
| SN12220 | 3 | 115 | 544 | 10 | 8 | 365 | B125 |
| SN12230 | 3 | 134 | 662 | 15 | 8 | 425 | A15 |
| SN13240 | 4 | 186 | 485 | 20 | 10 | 725 | A15 |
| SN16330 | 8 | 300 | 483 | 15 | 12 | 1440 | A15 |

Decorative

| Spec. Code | Illust. no | Width | Length | Depth | Max aperture width | Free area cm ² /m | Load class |
|------------|------------|-------|--------|-------|--------------------|------------------------------|------------|
| SN23130 | 5 | 150 | 499 | 15 | 4 | 280 | A15 |

SN23130 does not conform with BS EN 1433 because the slot size of 4mm is below the minimum of 5mm set in the standard. The grating conforms with CE regulations and bears the CE mark.

Floral

| Spec. Code | Illust. no | Width | Length | Depth | Max aperture width | Free area cm ² /m | Load class |
|------------|------------|-------|--------|-------|--------------------|------------------------------|------------|
| SN23930 | 6 | 149 | 499 | 15 | 15 max. | 475 | A15 |
| SN25930 | 7 | 293 | 499 | 15 | 15 max. | 950 | A15 |

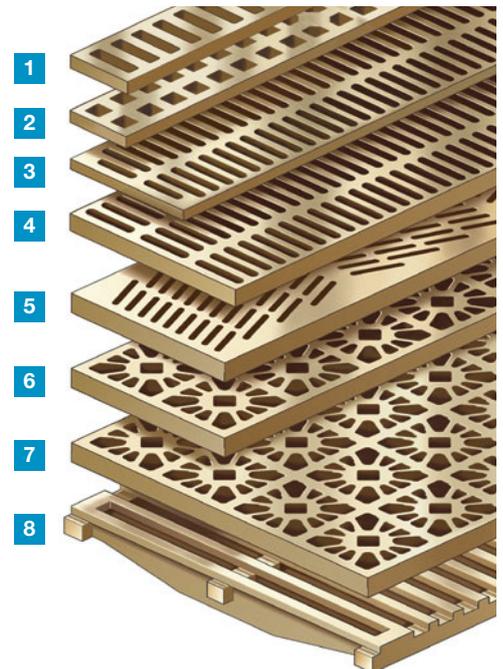
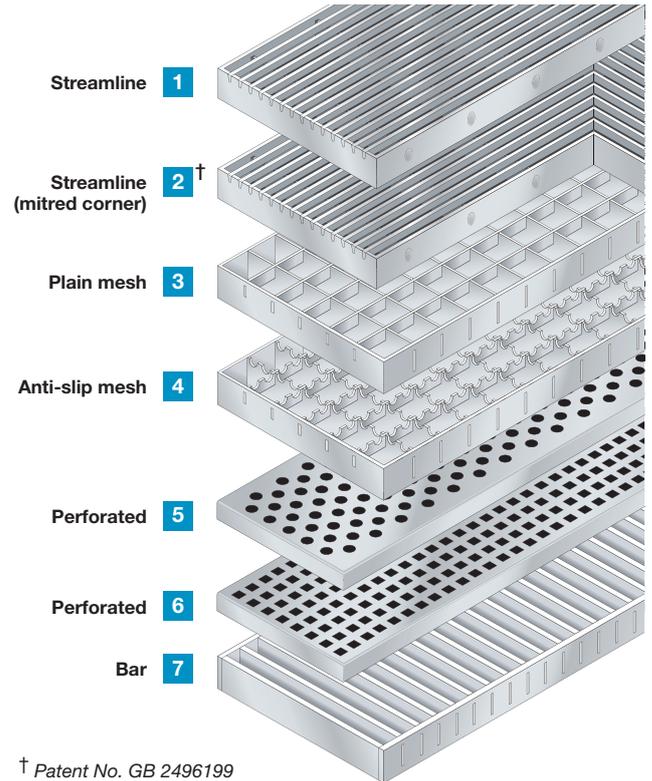
Perforated For use in shower areas, balconies etc.

| Spec. Code | Illust. no | Width | Length | Depth | Max aperture width | Free area cm ² /m | Load class |
|------------|------------|-------|--------|-------|--------------------|------------------------------|------------|
| SS40135A1 | 5 | 134 | 1000 | 20 | 8 dia. | 305 | A15 |
| SS41135A1 | 6 | 134 | 1000 | 20 | 8 sq. | 280 | A15 |
| SS40150A1 | 5 | 149 | 1000 | 20 | 8 dia. | 335 | A15 |
| SS41150A1 | 6 | 149 | 1000 | 20 | 8 sq. | 315 | A15 |

Bar Custom-made versions can be manufactured to order.

| Spec. Code | Illust. no | Width | Length | Depth | Max aperture width | Free area cm ² /m | Load class |
|------------|------------|-------|--------|-------|--------------------|------------------------------|------------|
| SS6150B5 | 7 | 149 | 500 | 20 | 10 | 450 | B125 |
| SS6150C5 | 7 | 149 | 500 | 30 | 10 | 450 | C250 |

Laserline (not illustrated) Custom-made gratings with laser-cut apertures to clients' own design (will require type testing).



For use with gratings shown opposite.

Stainless steel – grade 304, (min.) 1.5mm thickness

Channel is available in a range of profiles, shown and described generally with in-built fall towards the outlets. Side bars and folds are made so that the selected grating fits flush with the show edges. Load class is when installed with grating of same or higher class in accordance with Wade installation guidelines.

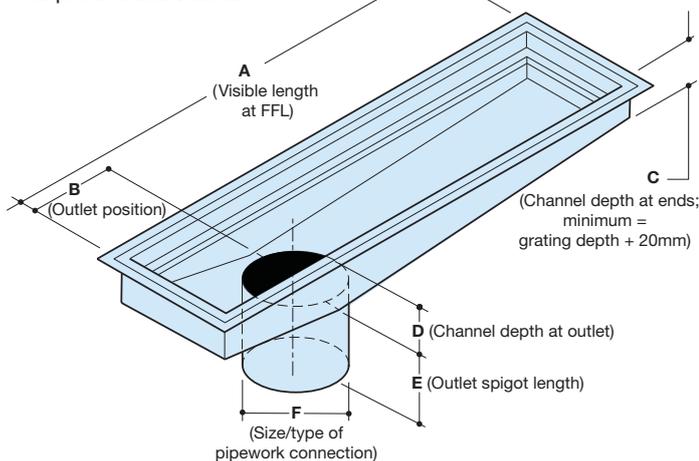
Profile SVF with stainless steel clamp ensures watertight connection yet access to channel and outlet is easily achieved without disturbing the floor covering. Minimum grating width required 80mm.

Profile SVFE has an extended flange with fixing holes, for use in a timber deck.

Profile RPV is supplied with a factory fitted, PVC angle edging strip, to which sheet floor covering can be butt-welded at the time of installation; such channels are particularly suited to heavy duty applications. Suitable only for channels with grating of minimum 25mm depth.

Typical straight channel – key dimensions

SVF profile shown, also applicable to all profiles illustrated.



To obtain a quotation please provide the following:

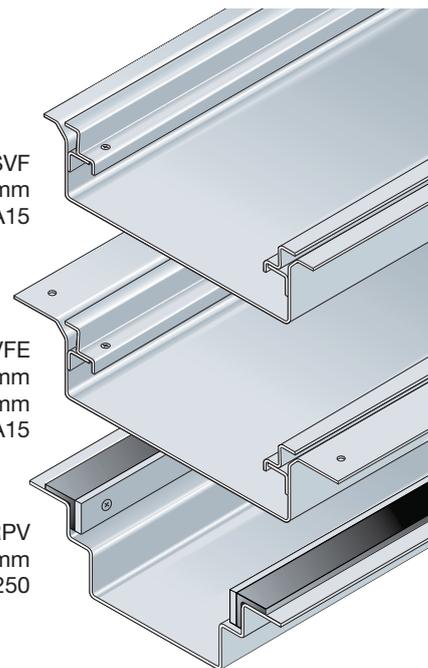
- Grating** Spec. Code.
- Channel profile** Spec. Code, followed by any required option suffix(es) (see below).
- General dimensions** in mm (A to E above).
- Outlet connection** details (F above – size/type of pipework system) see pages 16-18.
- Thickness of vinyl/material**
- Gully body** Spec. Code or Dropped sump style (if required).
- Accessories** Spec. Code (if required).

To suit particular applications channel can be custom made in grade 304 or 316, with or without fall, with a combination of different profiles, on the same or opposite side, with non standard profiles including deep invert, 'V' bottom and heavy duty versions. Please contact our Technical Services Department for details.

Design considerations

When positioning channel adjacent to wall, ensure adequate allowance is made between channel and wall to cater for flooring manufacturer's edging detail.

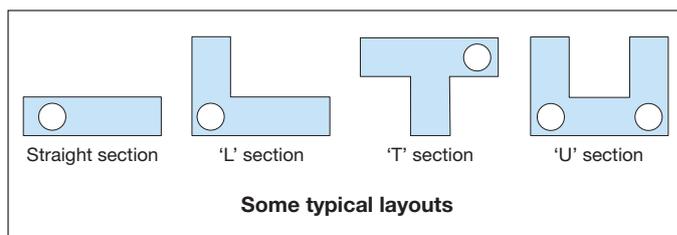
Note: For further information on channel and gratings, please refer to our catalogue "Linear Drainage" or our website: www.wade.eu



Spec. Code SVF
Show flange = 15mm
Load class: A15

Spec. Code SVFE
Show flange = 15mm
Fixing flange = 50mm
Load class: A15

Spec. Code RPV
Show flange = 27mm
Load class: C250



Some typical layouts

Options

Accessories

Push-in removable bottle trap, filter bucket and other accessories detailed on page 10.

Dropped sump – to help improve drainage or allow an optional large stainless steel filter bucket/removable trap. (See page 18).

Grade 316 stainless steel – for increased corrosion resistance – add suffix 'M' to channel Spec. Code.

Gratings of other styles and sizes – contact our Technical Services Department with details of your requirement.

Gully body – as well as connecting directly to pipework, stainless steel drainage channel may also be used with Wade Floor Gullies, trapped or untrapped. (See pages 16-17).

Secured – add suffix 'L' to the grating Spec. Code. Not available with SN11230, SN16330.

Tile upstand – for tiling over, or for use with other finishes and/or membrane where channel is being installed close to a tiled wall, 70mm high unless otherwise specified. Add suffix 'T'. (See page 24).

Note: If a channel has more than one outlet and gullies are to be pre-installed, then accurate dimensions must be established. Where possible, gullies should be cast-in using the channel assembly to determine positions.

CHANNEL OUTLETS

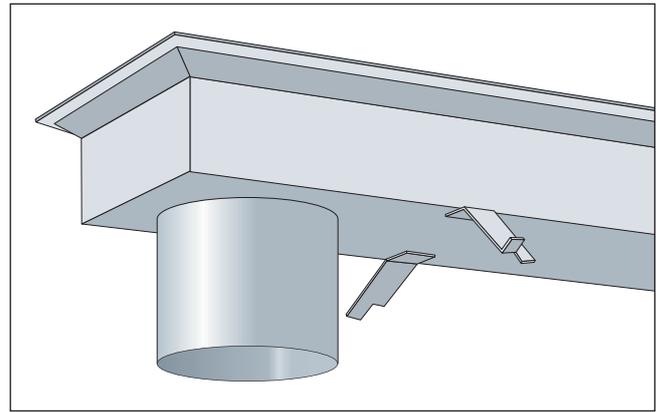
These can take different forms as described below.

Direct connection outlets

Channel is available with welded-on outlet(s) for connecting directly to pipework. Outlets are generally vertical from the base but can be horizontal from the side or end. Spigot outlets (plain pipe 110mm o.d.) have standard length of 90mm.

Longer spigots are available, max. 950mm, are supplied with standard outside diameter of 114 mm for connection to pipework with a coupling.

Outlets smaller than 75mm/3" are generally supplied as a female BSP threaded socket for connection to pipework having a male threaded pipework adaptor.

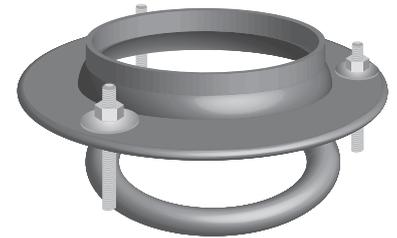


Gully body with channel sealing kit

Channel is made with a welded-on outlet as above that is push fitted into the body on site when the channel sealing kit is in position. Approximately 10mm of height adjustability is available. The collar can also be used to clamp a membrane if used. Illustrated is a selection of bodies regularly used with linear drainage.

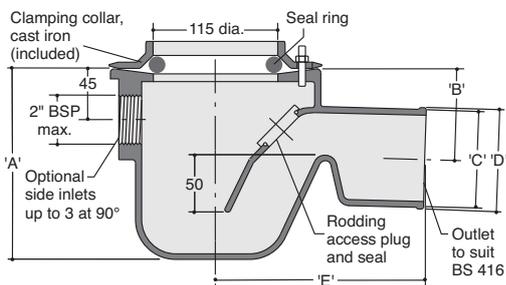
The channel sealing kit comprises a neoprene seal ring and a clamp collar with studs, nuts and washers.

Tightening the nuts compresses the ring to form a watertight connection between channel and body. (See page 17 for typical installation).



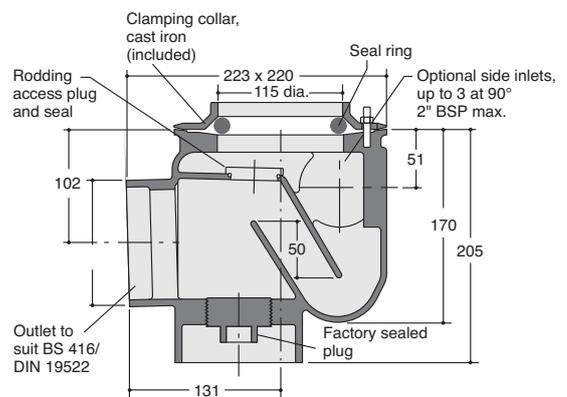
Trapped – Cast iron

G3LD series 'P' trapped – 50mm seal

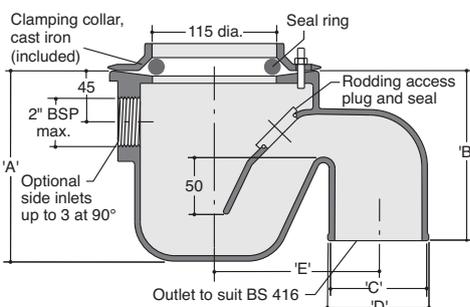


| Spec. Code | Outlet size | A | B | C | D | E | Free area cm ² | kg |
|------------|-------------|-----|----|-----|---------|-----|---------------------------|------|
| G303LD | 75mm | 170 | 80 | 87 | 89 | 185 | 44 | 7.8 |
| G304LD | 100mm | 205 | 92 | 112 | no bead | 190 | 78 | 9.6 |
| G804LD | 100mm | - | - | - | - | - | 72 | 15.4 |

G804LD 'P' trapped – 50mm seal

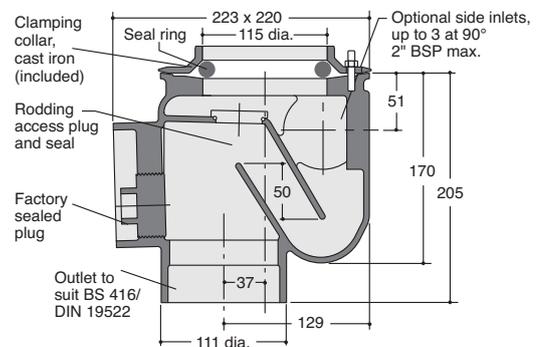


G6LD series 'S' trapped – 50mm seal



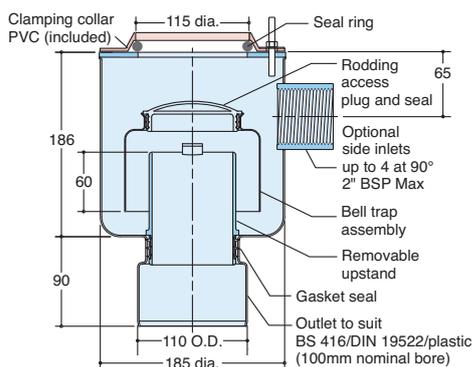
| Spec. Code | Outlet size | A | B | C | D | E | Free area cm ² | kg |
|------------|-------------|-----|-----|-----|---------|-----|---------------------------|------|
| G603LD | 75mm | 170 | 150 | 87 | 89 | 145 | 44 | 8.5 |
| G604LD | 100mm | 205 | 165 | 112 | no bead | 155 | 78 | 11.0 |
| G1004LD | 100mm | - | - | - | - | - | 72 | 15.8 |

G1004LD 'S' trapped – 50mm seal

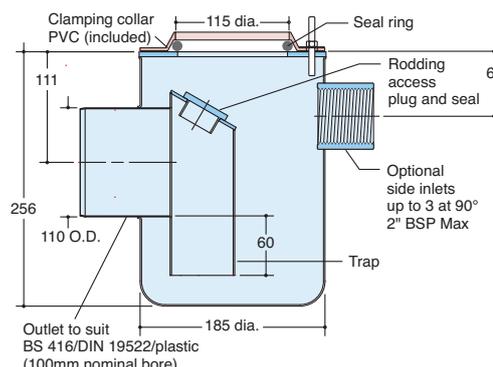


Trapped – Stainless steel grade 304 (for grade 316 add suffix 'M' to Spec. Code)

QG114LD Vertical outlet (BS 416) – bell trapped



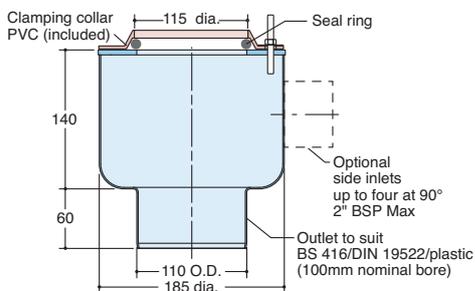
QG214LD Horizontal outlet (BS 416) – 'P' trapped



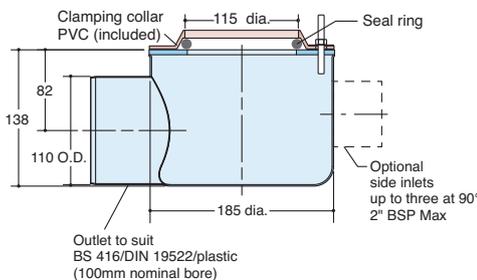
| Spec. Code | Outlet size mm | Free area cm ² | Trap type | kg |
|------------|----------------|---------------------------|-----------|-----|
| QG114LD | 100 | 51 | Bell | 2.8 |
| QG214LD | 100 | 60 | P | 3.5 |

Non-trapped – Stainless steel grade 304 (for grade 316 add suffix 'M' to Spec. Code)

QB114LD Vertical outlet (BS 416) – deep sump

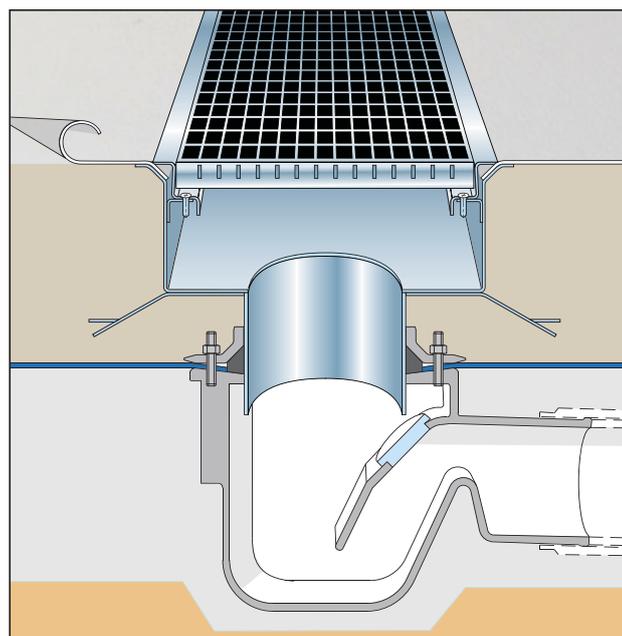


QB214LD Horizontal outlet (BS 416) – deep sump



| Spec. Code | Outlet size mm | Free area cm ² | kg |
|------------|----------------|---------------------------|-----|
| QB114LD | 100 | 78 | 2.3 |
| QB214LD | 100 | 78 | 2.1 |

Typical installation

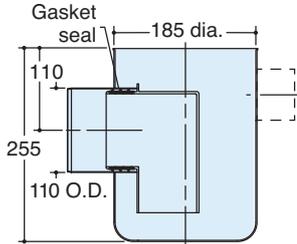


SVF channel and SS7300A5 grating, vinyl dressed both sides, with G304LD 'P' trapped body (supplied with channel sealing kit).

Stainless steel grade 304

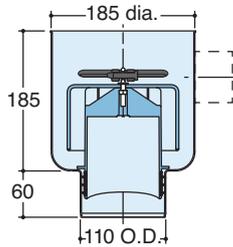
Channel for the profiles illustrated on page 15 is available with a dropped sump welded to the channel base to help improve drainage and to allow an optional large stainless steel filter bucket and/or fitting of a removable trap. **Note:** Minimum channel base width to be equal to or greater than the trapped sump top dimension.

Q27DS



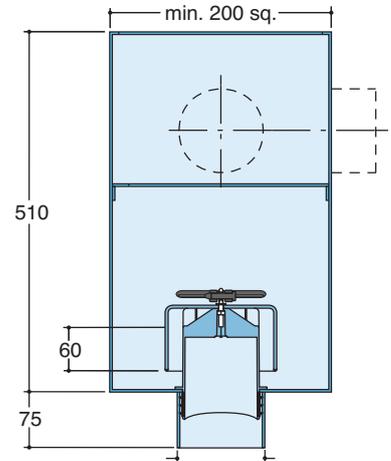
Optional side inlets – maximum 2" BSP
Option 'N' not available

Q28DS



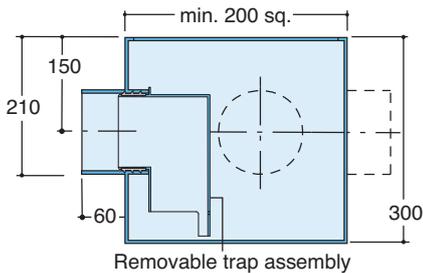
Optional side inlets – maximum 2" BSP

Q10 style



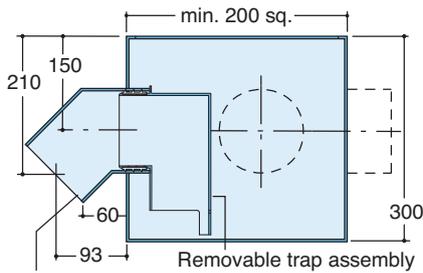
Outlet to suit 100mm or 150mm BS 416
Optional side inlets – maximum 100mm

Q12 style



Optional side inlets – maximum 100mm
Option 'N' not available

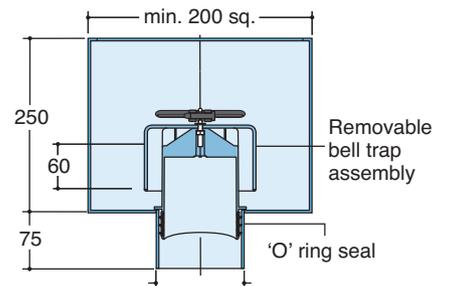
Q13 style



Outlet to suit 100mm BS 416

Optional side inlets – maximum 100mm
Option 'N' not available

Q14 style



Outlet to suit 100mm or 150mm BS 416

Options

Accessories such as filter baskets may be made to suit.

Material – grade 304 is standard; add suffix 'M' for grade 316.

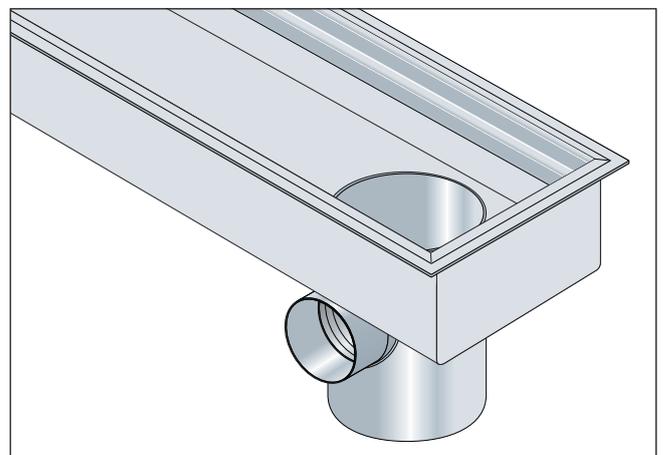
Size

Q27DS and Q28DS are as dimensioned on this page.

Q10, Q12, Q13 and Q14 style dropped sumps are made to order, though the width of the grating (min. 200mm wide) in the channel above is a defining factor. Generally, it is more cost effective to increase the width of the entire channel and grating to match the sump as opposed to boxing out.

Trap – provided as standard; add suffix 'N' for non-trapped version (vertical outlet versions only).

Typical assembly



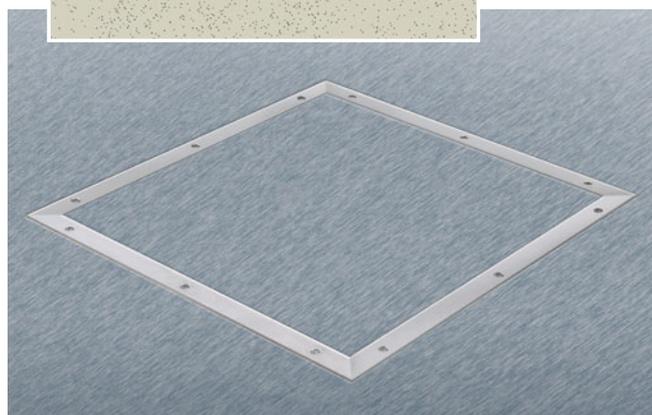
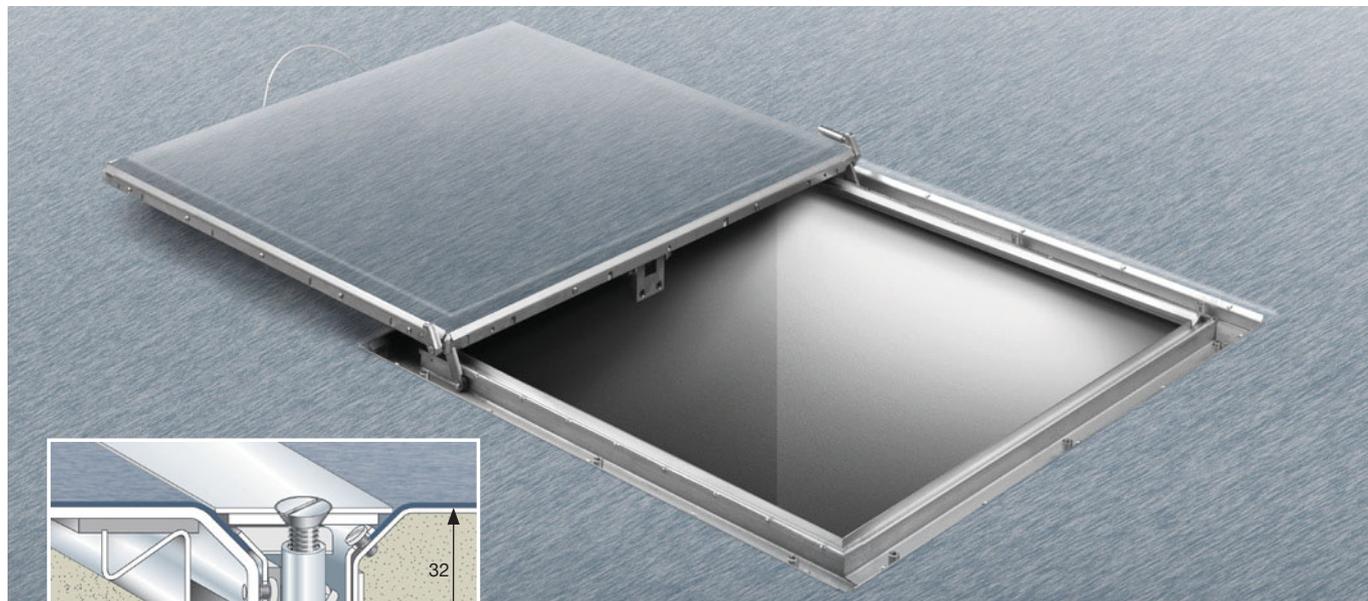
DOUBLE SEALED SLIDING ACCESS COVER – FOR MAN ENTRY

(Use with vinyl/material thickness 2mm-4mm)

Stainless steel – austenitic grade 304

Wade has solved the problem of access to an inspection chamber or a service duct within a building where sheet floor covering is used. A watertight joint formed between the sheet floor covering and the edge of the frame, prevents water from seeping into the structure.

Easy open sliding mechanism can be opened and closed safely by one person.



Material

Stainless steel

| Spec. Code | Clear opening size | Overall size | Opening direction | Man entry |
|------------|--------------------|--------------|-------------------|-----------|
| RS231 | 450 x 450 | 684 x 684 | • | x |
| RS232L | 450 x 600 | 684 x 834 | Length | x |
| RS232W | 600 x 450 | 834 x 684 | Width | x |
| RS233 | 600 x 600 | 834 x 834 | • | ✓ |
| RS234L | 600 x 750 | 834 x 984 | Length | ✓ |
| RS234W | 750 x 600 | 984 x 834 | Width | ✓ |
| RS235 | 750 x 750 | 984 x 984 | • | ✓ |
| RS236L | 600 x 900 | 834 x 1134 | Length | ✓ |
| RS236W | 900 x 600 | 1134 x 834 | Width | ✓ |

Visible width is clear opening plus 202mm
(Overall frame is additional 32mm).

- Air tight** Double sealed by closed cell neoprene gaskets to meet all current building regulations.
- Hygienic** No holes, recesses or dirt traps.
- Load rating class** K3.
- Reliable** Floor material edges remain clamped even when cover is removed.
- Safe** All edges of floor material are securely clamped in position by concealed clamp strips. No steps or exposed edges.
- Vandal resistant** Cover can only be opened after loosening several screws.
- Watertight** Clamped flooring prevents water from seeping into the structure.

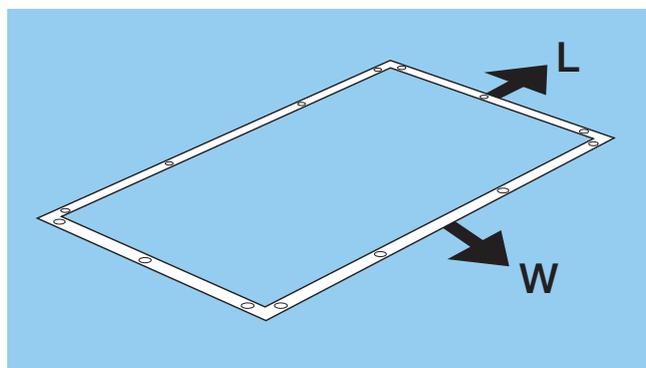
Options

Suffix

'H' Fitted with Pin Torx screws for security applications.

Opening

The product opens in one direction only per diagram below, designate 'L' or 'W' in the Spec. Code.



Patent pending

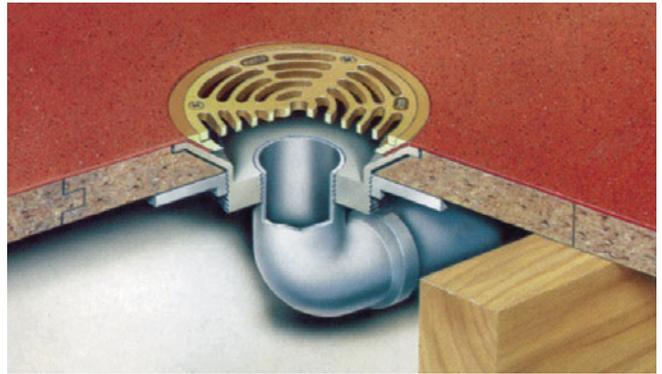
DIRECT CONNECTION GRATINGS AND COVERS

(Use with vinyl/material thickness 2mm-6mm)

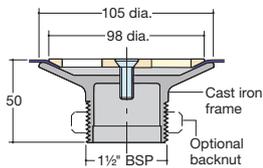
Direct connection gratings and covers of nickel bronze and stainless steel are for use where a gully body is not required. The gratings/covers look identical to Vari-Level threaded gratings/covers when installed, but are machined to enable direct connection to pipework – per the table below.

A cast iron backnut is available for use with 40mm and 50mm pipework in timber floors.

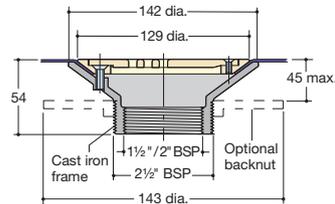
Solid covers, (not SuperSeal), may be tapped BSP to provide connection for waste pipes. To specify/order add suffix 'I' and 1¼", 1½" or 2" to the cover Spec. Code.



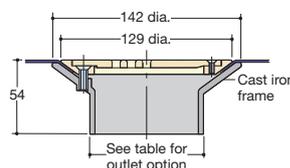
N1 series
40mm pipework



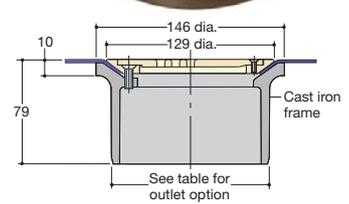
N2 series
40mm/50mm pipework



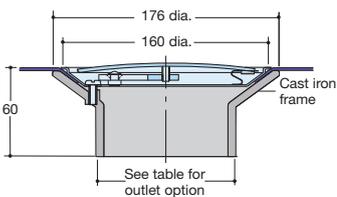
N3 series
75mm pipework



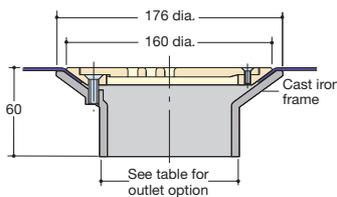
N4 series
100mm pipework



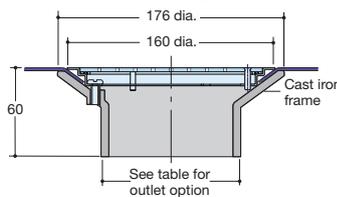
K1897
100mm pipework



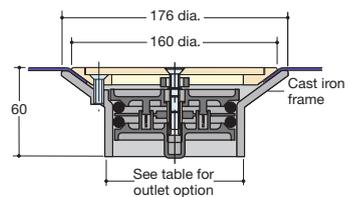
K23/K51 series
100mm pipework
Nickel bronze or
stainless steel



K3694 series
100mm pipework security
grating (4mm apertures)



K56 series
100mm pipework
Nickel bronze or
stainless steel



| Spec. Code Open grating | Spec. Code Solid cover | Spec. Code SuperSeal solid cover | Material | Pipework system/nom. dia. | Grating free area cm ² | Load rating class |
|----------------------------|---------------------------|-------------------------------------|-----------------|------------------------------|--------------------------------------|----------------------|
| N111 | • | • | Nickel bronze | Plastic 40 | 32 | K3 |
| N112* | • | • | Nickel bronze | Plastic 40 | 32 | K3 |
| N211 | N212 | • | Nickel bronze | Plastic 40 | 32 | L15 |
| N213* | N214* | • | Nickel bronze | Plastic 40 | 32 | L15 |
| N215 | N216 | • | Nickel bronze | Plastic 50 | 32 | L15 |
| N217* | N218* | • | Nickel bronze | Plastic 50 | 32 | L15 |
| N301 | N302 | • | Nickel bronze | Cast iron BS 416 75 | 32 | L15 |
| N303 | N304 | • | Nickel bronze | Plastic 82 | 32 | L15 |
| N305 | N306 | • | Nickel bronze | Plastic DIN 75 | 32 | L15 |
| N405 | N404 | • | Nickel bronze | Cast iron BS 437 100 | 32 | L15 |
| N410 | N409 | • | Nickel bronze | Clay Supersleve 100 | 32 | L15 |
| K1897 | • | • | Stainless steel | BS 416/Plastic 110 | 32 | L15 |
| K2392 | K5192 | K5691 | Nickel bronze | BS 416/Plastic 110 | 26 | K3 |
| K2397 | K5197 | K5697 | Stainless steel | BS 416/Plastic 110 | 32 | L15 |
| K3694 | • | • | Stainless steel | BS 416/Plastic 110 | 20 | K3 |

* With backnut

Add suffix 'H' for security versions fitted with Pin Torx[®] screws (K3694 has Pin Torx[®] screws as standard). *Pin Hex screws if grade 316 specified. Add suffix 'M' for grade 316 stainless steel.

Funnel

(Use with vinyl/material thickness 2mm-6mm)

K3491



K3497



K3492



| Spec. Code | Material | Throat dia inches | Overall size above FFL mm | Overall size at FFL mm | Depth below FFL mm | Free area cm ² |
|------------|-----------------|-------------------|---------------------------|------------------------|--------------------|---------------------------|
| K3491 | Nickel bronze | 4 | 176 dia. | 101 dia. x 101 H | 60 | 12 |
| K3497 | Stainless steel | 4 | 176 dia. | 101 dia. x 101 H | 60 | 35 |
| K3492 | Nickel bronze | 4 | 176 dia. | 224 L x 85 W x 99 H | 60 | 21 |

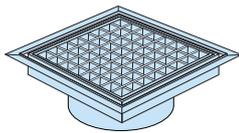
Note: Funnel have a built-in vermin guard.

Gratings, square stainless steel – grade 304, satin finish

(Use with vinyl/material thickness 2mm-3mm)

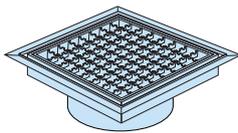
L35 series

Plain mesh
(grating not secured)



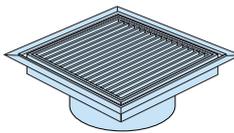
L36 series

Anti-slip mesh
(grating not secured)



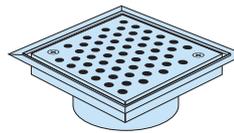
L37 series

Streamline heel-proof reverse wedge profile
grating is secured with Pin hex screw



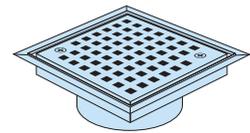
L38 series

Perforated grating
(circular apertures)



L39 series

Perforated grating
(square apertures)



| Spec. Code | Pipework nom. dia. | Overall size mm | FFL size mm | Overall height mm | Throat dia. inches | Free area cm ² | Max. aperture width mm | Load rating class |
|------------|--------------------|-----------------|-------------|-------------------|--------------------|---------------------------|------------------------|-------------------|
| L3591 | 100 | 200 sq. | 173 sq. | 98 | 4 | 150 | 23 | L15 |
| L3592 | 100 | 250 sq. | 223 sq. | 98 | 4 | 290 | 23 | L15 |
| L3691 | 100 | 200 sq. | 173 sq. | 98 | 4 | 150 | 23 | L15 |
| L3692 | 100 | 250 sq. | 223 sq. | 98 | 4 | 290 | 23 | L15 |
| L3791 | 100 | 200 sq. | 173 sq. | 98 | 4 | 105 | 5 | L15 |
| L3792 | 100 | 250 sq. | 223 sq. | 98 | 4 | 216 | 5 | L15 |
| L3891 | 100 | 200 sq. | 173 sq. | 98 | 4 | 34 | 8 | K3 |
| L3892 | 100 | 250 sq. | 223 sq. | 98 | 4 | 75 | 8 | K3 |
| L3991 | 100 | 200 sq. | 173 sq. | 98 | 4 | 38 | 8 | K3 |
| L3992 | 100 | 250 sq. | 223 sq. | 98 | 4 | 74 | 8 | K3 |

Add suffix 'M' for grade 316 stainless steel.

Connections

To complete the connection a coupling or ring seal socket is required, as illustrated.

Grating can also be connected to 100mm SuperSleeve clay pipe using adaptor T1103 shown on page 11.

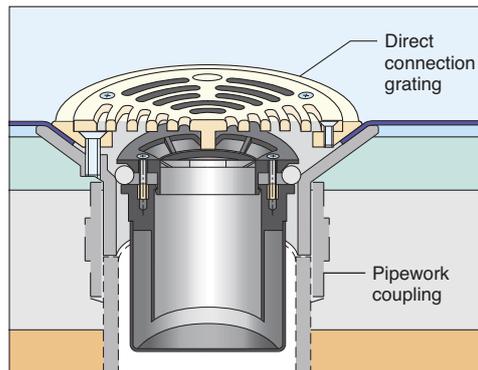
For connection to other pipework systems, couplings are generally available from the pipework supplier.



Typical installation

K2392

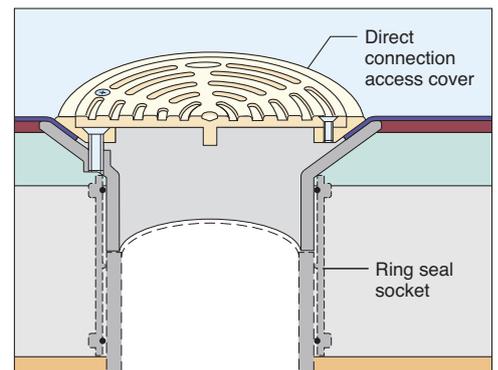
Nickel bronze grating with U1404 removable push-in bottle trap



Typical installation

K5192

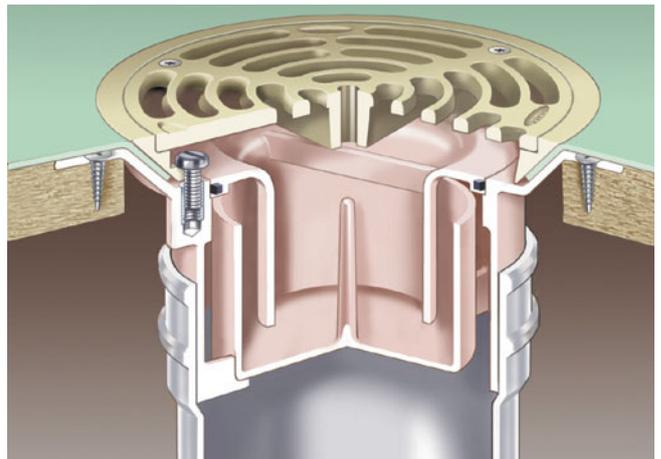
Nickel bronze access cover





Integrity

Unobtrusive clamping ensures a watertight seal, yet gratings/ covers are removable for access to pipework without disturbing the flooring material.



Drainage in a timber deck with vinyl flooring

GV series trapped gullies offer a compact, lightweight range with options to suit a variety of installations.



Heavy duty bar grating

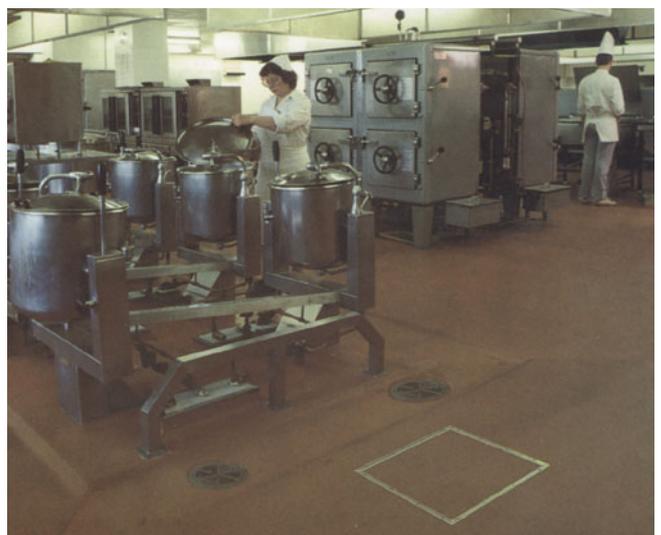
Stainless steel channel and grating designed for trolley wheel-loading.



North Sea oil rig

P4 and P5 series non-spark gunmetal gullies with deep sump are used in metal decks such as on oil rigs and ships.

For details of these gullies, please refer to our website.

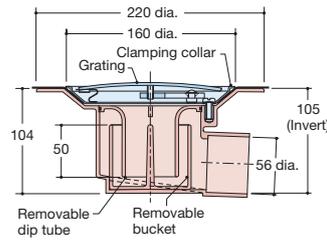
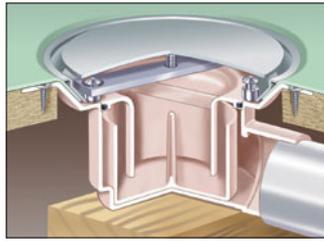


Drainage and service access in a kitchen with vinyl flooring

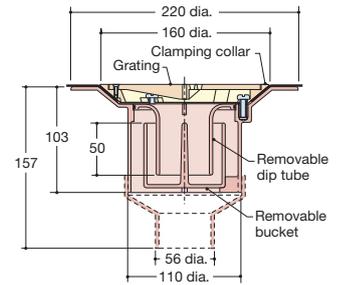
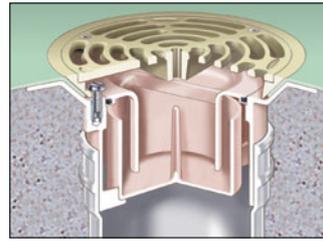
K2303 gratings of nickel bronze and RS233 sliding access cover of stainless steel.

GV series Compact, lightweight, trapped gullies

'P' trapped gully – 50mm seal



Trapped gully with vertical outlet – 50mm seal



GV5 series

50mm socket outlet



1. Peripheral slot



2. Slotted grating



3. Security grating



4. Solid cover



5. Funnel

Material

Grating, clamping collar – see table
Body, dip tube, bucket – plastic (ABS)

GV6 series

110mm spigot outlet with 50mm reducer



1. Peripheral slot



2. Slotted grating



3. Security grating



4. Solid cover



5. Funnel

Material

Grating, clamping collar – see table
Body, dip tube, bucket – plastic (ABS)

| Spec. Code | Illustration no. | Top material | Version |
|------------|------------------|-----------------|----------------------------------|
| GV5007 | 1 | Stainless steel | Grating (peripheral slot) |
| GV5103 | 2 | Nickel bronze | Grating (slotted) |
| GV5107 | 2 | Stainless steel | Grating (slotted) |
| GV5247 | 3 | Stainless steel | Security grating (4mm aperture) |
| GV5503 | 4 | Nickel bronze | Solid cover (gasketed) |
| GV5517 | 4 | Stainless steel | Solid cover (unsealed) |
| GV5803 | 5 | Nickel bronze | Funnel (tapered) 101 dia x 100H |
| GV5817 | 5 | Stainless steel | Funnel (parallel) 101 dia x 101H |
| GV5823 | 5 | Nickel bronze | Funnel (oval) 224L x 85W x 99H |

| Spec. Code | Illustration no. | Top material | Version |
|------------|------------------|-----------------|----------------------------------|
| GV6007 | 1 | Stainless steel | Grating (peripheral slot) |
| GV6103 | 2 | Nickel bronze | Grating (slotted) |
| GV6107 | 2 | Stainless steel | Grating (slotted) |
| GV6247 | 3 | Stainless steel | Security grating (4mm aperture) |
| GV6503 | 4 | Nickel bronze | Solid cover (gasketed) |
| GV6517 | 4 | Stainless steel | Solid cover (unsealed) |
| GV6803 | 5 | Nickel bronze | Funnel (tapered) 101 dia x 100H |
| GV6817 | 5 | Stainless steel | Funnel (parallel) 101 dia x 101H |
| GV6823 | 5 | Nickel bronze | Funnel (oval) 224L x 85W x 99H |

Features

Accessible – removable grating/cover/funnel and trap enable easy access from above for maintenance purposes.

Bucket – removable bucket helps to eliminate blockages and intercepts jewellery and other items which might otherwise be washed away.

Flow rate – (grating and funnel versions) rate in excess of 40 l/min; comfortably exceeds the minimum rate of 24 l/min required by BS EN 274 for the discharge from a single shower head.

Installation – ideally suited for installation in timber or concrete floors or where space is limited.

Outlet – (GV5 series) 50mm socket for solvent weld connection to PVC pipework. (GV6 series) 110mm spigot outlet for solvent weld or ring seal connection to PVC pipework (50mm reducer supplied loose).

Quality – stainless steel or nickel bronze grating/cover/funnel with matt finish (GV5817/GV6817 polished), combines durability, safety and good looks.

Vandal resistant – GV5007/ GV6007 secured grating has no visible fixings and is removable only upon depressing an unobtrusive lever.

Water seal – formed by a bucket and dip tube, the water seal depth of 50mm complies with plumbing codes of practice in the UK.

Watertight – clamping collar provides a water-tight seal between the flooring material and gully even when the grating is removed.

Options

Suffix

- H** Fitted with Pin Torx* screws for security applications. (GV5247 and GV6247 have Pin Torx* screws as standard). *Pin Hex screws if grade 316 specified.
- I** Tapped to provide a direct connection for waste pipes – specify size 1¼", 1½" or 2" (solid cover versions only).
- M** Grade 316 stainless steel grating/cover/funnel.
- P** Polished – stainless steel only (GV5817/GV6817 are polished as standard).

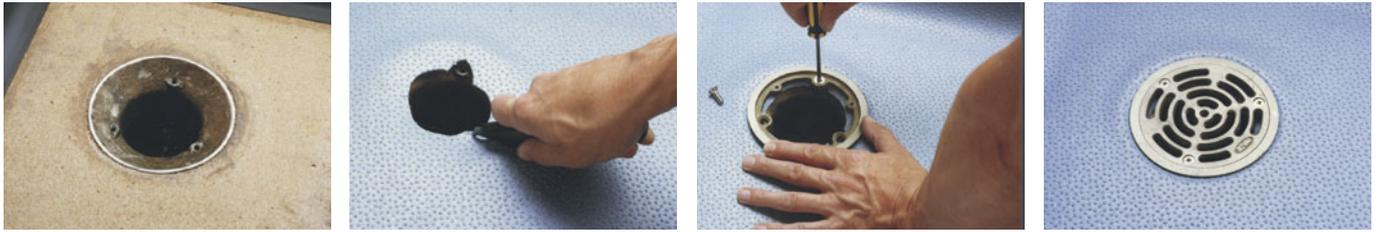
Material

Grating/cover/funnel, clamping collar – stainless steel or nickel bronze. Body, dip tube, bucket – plastic (ABS).

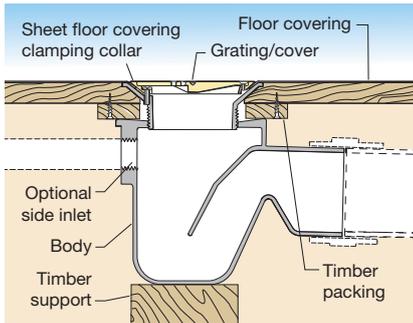
Notes:

1. The gully must be supported and installed in accordance with instructions which accompany the product.
2. Frequent cleaning will be necessary in applications where very high amounts of hair and other waste material are present.
3. Vari-Level bodies, shown on pages 4 to 6, may be used with a range of gratings shown on pages 8 to 9, to form assemblies. Other gratings for use with different floor finishes such as tiles are also available.

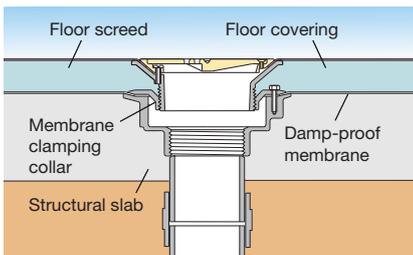
Installation guidelines are supplied with Wade products and are also available from our Technical Service Department and our website.



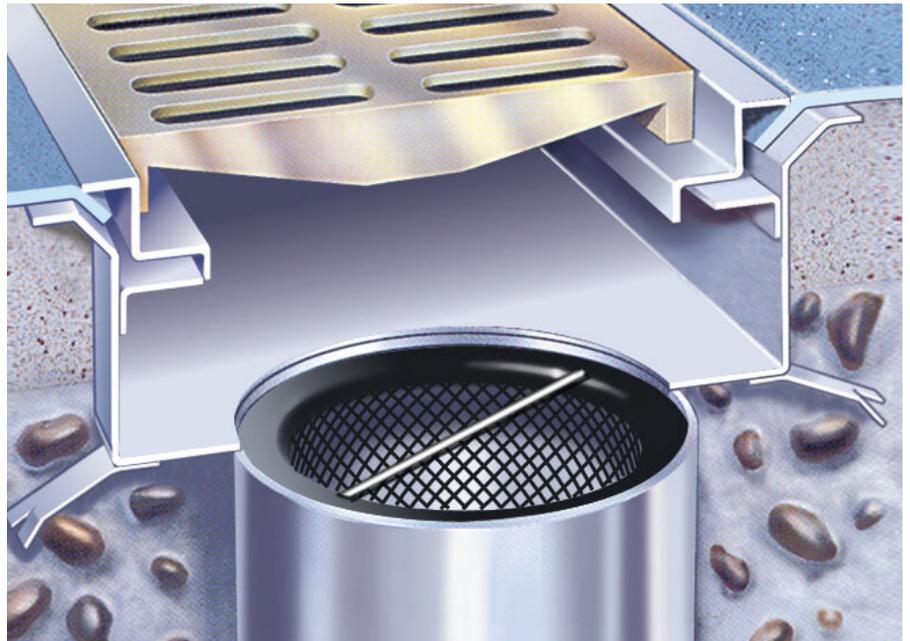
To achieve a watertight joint, installation must be in accordance with instructions which accompany the gratings/covers.



Typical installation in a wooden floor

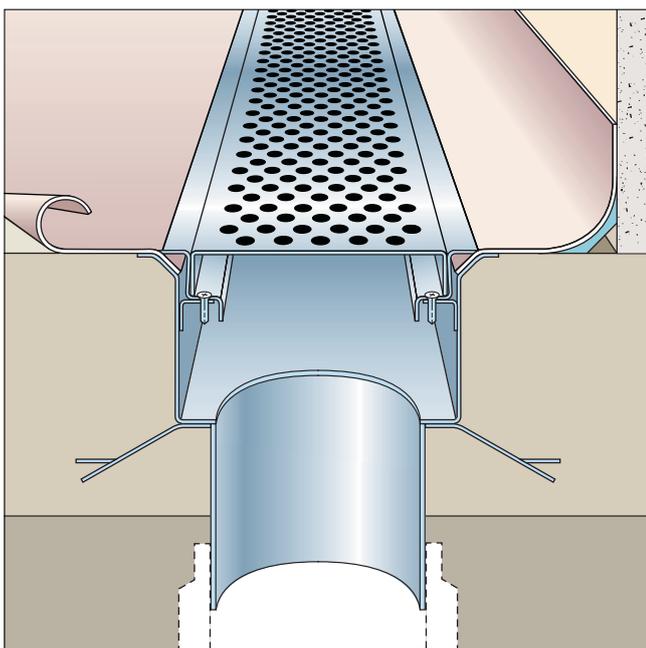


Typical installation with damp-proof membrane

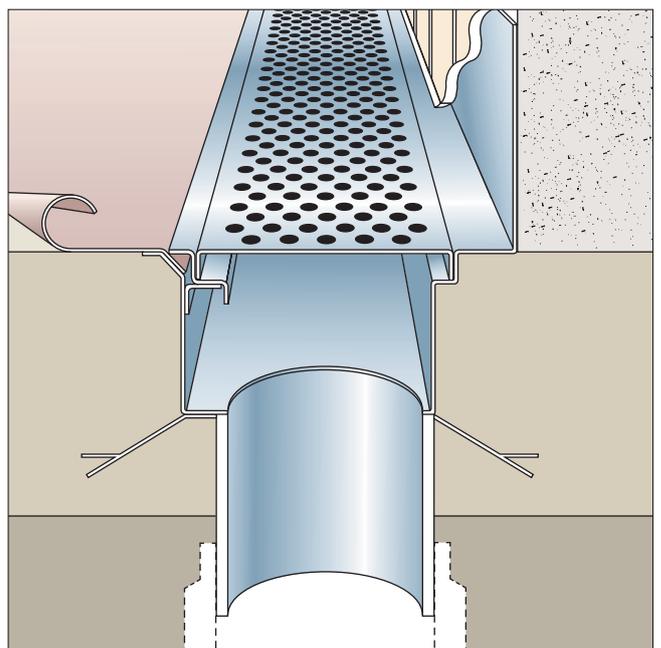


Linear drainage in a concrete floor.

Typical installation – channel with grating



SVF channel and SS40135A1 grating, spaced away from wall, vinyl dressed both sides.



SVFT channel (SVF with optional tile upstand) and SS40135A1 grating.

Materials/care and maintenance

Materials and finish described below, are selected to provide lasting performance and to blend with surroundings. Wade products require the minimum of maintenance, but periodic inspection should be carried out to ensure absence of matter which could impede drainage. Measures set out below will sustain appearance and prolong service life.

ABS

Used for bodies, dip tubes, extensions and spigot adaptors. A cost-effective, fire-resistant material, with a maximum continuous operating temperature of 75°C.

Cast iron – BS EN 1561

Used for bodies, membrane clamping collars, spigot adaptors and accessories such as extensions

A widely used metal in the drainage industry, its resistance to corrosion permits extended use under extreme conditions. Castings are coated with a high grade lacquer paint, to provide internal and external surface coverage. Paint will gradually wear off and is replaceable; oxidation (surface rusting) is a natural process which does not weaken the material and is generally regarded as an acceptable finish. A zinc anti-corrosion coating is applied to certain castings by galvanising or sherardizing.

HDPE/Neoprene

Used for gaskets and seals. Maximum continuous operating temperature of 100°C.

Nickel bronze – BS EN 1982 satin finish

Used for gratings, covers and funnels

A cast alloy with a fine grain effect which blends well with most floor finishes. The satin finish is generally maintained by the slight abrasive action of passing traffic. In unused areas the material will gradually tarnish. To restore lustre, apply a plain nylon scouring pad (not soap-filled) in the direction of the grain.

Note: Avoid covering nickel bronze items with plastic sheeting after installation, otherwise blackening may occur.

Nitrile

Used for O-rings in 'SuperSeal' plug assemblies. Maximum continuous operating temperature of 110°C.

Nylon 6

Used for bottle trap and filter bucket

Chosen for its toughness and durability. Maximum continuous operating temperature of 180°C.

Polypropylene

Used for the removable trap in stainless steel gullies. Maximum continuous operating temperature of 100°C.

Silicone rubber

Used for O-ring in removable bottle trap. Maximum continuous operating temperature of 250°C.

Stainless steel – austenitic grade 304 (grade 316 available to order)

Used for channels, bodies, gratings, covers, and filter buckets

A corrosion-resistant metal containing significant amounts of nickel and chromium. Clean with soap and warm water, rinse and wipe dry. Gratings may also be cleaned in certain dishwashers.

Note: Under no circumstances treat with metal scouring pads, metal scrapers or wire wool as these will contaminate surfaces leaving rust spots.

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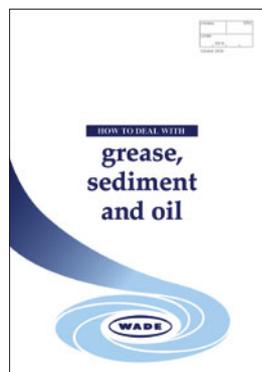
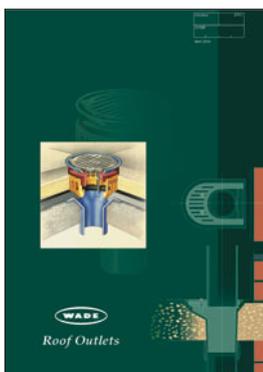
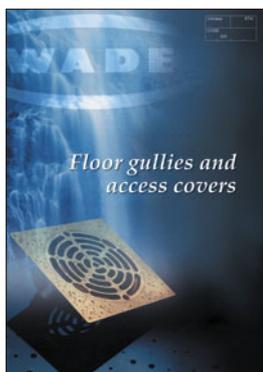
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Wade CAD is for users who require drawings of Wade products; files are in both DXF and AutoCAD DWG format.

Wade BIM is our library of BIM 3D models available for a range of products in Revit format.



Other Wade literature



Service

Product information and technical advice are available from the Wade Technical Services Department at Halstead, Essex, from Wade Technical Consultants located throughout the UK and from selected distributors throughout the world. A computer-aided design service is available free of charge for layouts and assemblies of Wade products.

Warranty

The Company warrants its products to be free from defects in material and workmanship for a period of 12 months from the date of delivery.

The Company's obligation under this warranty is limited, at its option, to the repair or replacement, free of charge, or refund of the net invoiced price of any part found to be defective, and which, in the Company's opinion, has not been subject to undue wear and tear, accident, alteration, abuse or misuse. Consequential damages are expressly disclaimed.

Technical advice from Wade International Limited, whether verbal, in writing or by way of trials, is given in good faith but without warranty. The application, use and installation of the Company's products are beyond the control of the Company, and the purchaser is solely responsible for ensuring that goods are fit for any particular purpose.

In line with the Company's policy of continual research and development, product specifications and availability are subject to change or withdrawal without prior notice.

Dimensions

In line with general practice all dimensions shown are nominal.

Dimensions are generally given in mm (other units are specified).

Quality assurance

Certification of compliance with BS EN ISO 9001 underlines our commitment to quality and service.



QUALITY BY TRADITION  PERFORMANCE BY DESIGN

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