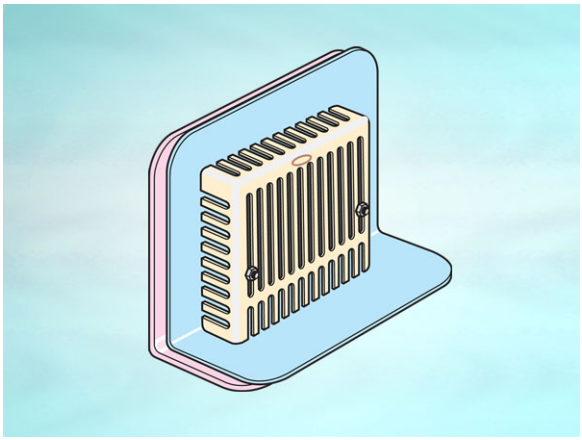
Quality Drainage Products

Product Details

WF105 Reversible Outlet **Technical Data**



Dimensions:

150 x 127 at finish level
220 x 118 body
185 - Height below Body Flange
20 - depth body flange to outlet center line
Connection - female 4" BSP threaded connection (100mm)
Free Area - body= 78cm², grating= 115cm²
Materials - Grating - nickel bronze; Body - PVC; Membrane Clamp - stainless steel
Weight - 1.8 kg

General Description:
150 x 127 Nickel Bronze Parapet Reversible Outlet (For solvent/heat welded PVC membranes), with 4" BSP dia. Horizontal outlet. Parapet outlet with reversible body to provide horizontal or vertical threaded outlet.

Options:
To specify an option, add option letter(s) as a suffix to the Spec. Code
G - gravel guard

Materials:
Nickel Bronze - BS EN 1982: Used with satin finish for gratings, funnels and access covers. 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 grain.**Note: Avoid covering nickel bronze items with plastic sheeting after installation, otherwise blackening may occur.**
PVC: Used for standpipe and selected pipework adaptors. A cost effective, fire resistant material.
Stainless Steel - Austenitic Grade 304 (Grade 316 optional on most products): Used for bodies, gratings, funnels, access covers, filter buckets and fixings. A corrosion-resistant metal containing significant amounts of nickel and chromium; AISI grade 304 stainless steel is used as standard, which is suitable for general use in and around buildings including most coastal locations. In applications such as swimming pools or having an aggressive atmosphere, grade 316 is recommended and is available optionally (if available, code 'M' will be listed under 'Options'). An even higher grade may be required for applications in highly corrosive environments including where exposure to seawater may be anticipated. Clean with soap and warm water rinse and wipe dry. Gratings may also be cleaned in certain dishwashers. Under no circumstances treat with metal scouring pads, metal scrapers or wire wool as these will contaminate surfaces leaving rust spots.Take care to cover stainless steel items when site work is going on, to avoid contamination with rust-inducing particles such as when mild steel or cast iron items are being cut.

All dimensions are in millimetres unless stated. In line with general practice all dimensions shown are nominal.

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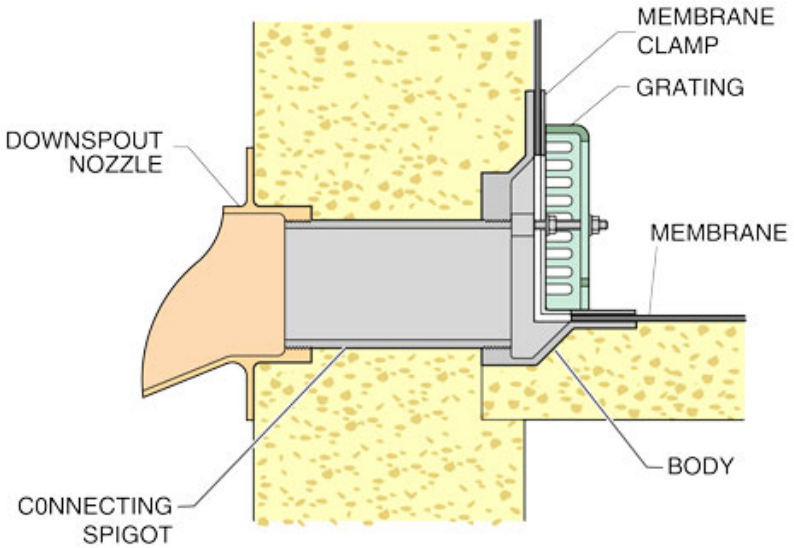
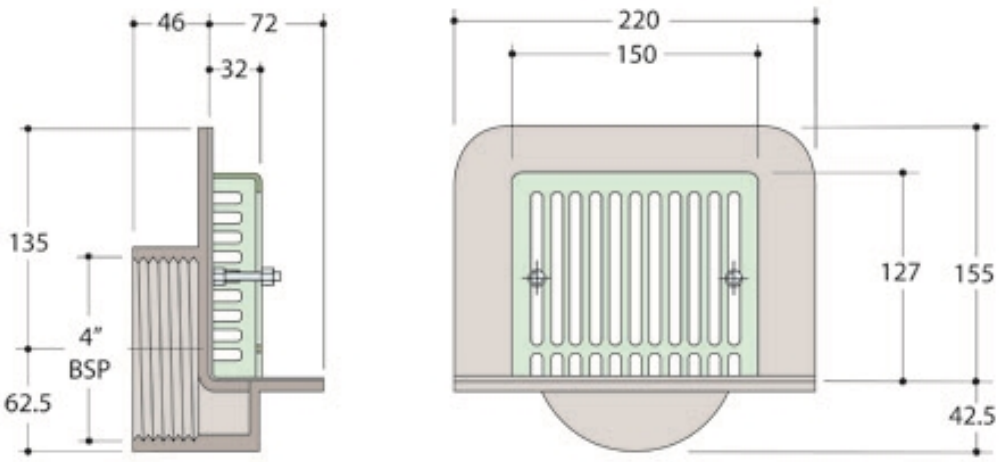
Typical Installation for WF105:

Note: This illustration may show a similar Wade Product - it is intended to show the general installation type only.



Dimensioned Section for WF105:



Flow Performance Figures for WF105:

Head of water at outlet	15mm	20mm	25mm	30mm	35mm	40mm	50mm
Flow Rate (l/s):	0.37	0.5	0.65	0.81	1	1.2	1.62
Roof area drained (m^2) at 0.021 l/s per m^2 rainfall rate:	18	24	31	39	48	57	77

Note: Flow rates of Wade roof outlets have been established by full-scale tests. The values shown in the table are 75% of such tests. The design of the layout of roof outlets should be in accordance with the recommendations given in BS EN 12056:3.