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Premier

cast iron rainwater & soil systems

Hargreaves Foundry

'a cast iron guarantee'

Premier Rainwater BS 460

Our traditional range of cast iron rainwater and sand cast products has been available for many years in standard grey zinc phosphate primer finish. The standards for rainwater goods have remained remarkably constant over time, which means that replacing or integrating new with old is easy.

We manufacture and stock a complete range of **Premier Rainwater** pipes, gutters, standard and decorative rainwater heads with fittings and accessories. In addition, using our own pattern making and foundry facilities, we can manufacture one off castings and non standard, bespoke items for individual buildings.



Premier Extra Rainwater BS 460

Premier Extra offers the same cast iron range as **Premier Rainwater** and has been developed to satisfy the needs of specifiers and contractors requiring a 'ready to fix' product with no further painting on site. Finished in a black semi gloss as standard, it is also available in a comprehensive range of BS and RAL colours (price on application).



The key features and benefits of **Premier Extra** include:

- Reduced labour time on site
- Lower cost than powder coated cast aluminium products
- Reduced maintenance
- Factory applied coating in clean, dust free environment
- Delivered protectively wrapped and ready to fit

Please note:- When specifying or ordering Premier Extra simply prefix the standard rainwater code with an X.

Premier Soil BS 416

For the same reasons that make cast iron such a successful material for rainwater, it is also extremely well suited for soil drainage purposes.

Premier Soil is a traditional, cast iron, socket and spigot caulked soil system, which we supply in a bituminous black finish. We manufacture and stock a complete range of soil pipes and fittings. As with our rainwater products we would expect with proper maintenance and normal wear and tear our soil drainage products to last for 100 years.

Telephone: 01422 330607 Fax: 01422 320349
Email: info@hargreavesfoundry.co.uk www.hargreavesfoundry.co.uk

Rainwater Diverter Kit

The rainwater diverter kit has been developed for homeowners.

This simple, self fit kit will allow homeowners to collect and store rainwater for use in the garden. The kit contains everything needed to install (except the water butt), plus full instructions. It can be fitted to new or existing rainwater pipe systems sizes 65mm and 75mm.

The system diverts rainwater from your down pipe into a water butt. As the level in the water butt rises and falls the diverter kit automatically switches from saving the excess to draining the excess.

Homeowners can save money on water bills, be kind to the planet and still keep their gardens watered.





Warns Gutter Overflow Outlets

UK (GB 2351092) and USA (US 6,668,492 B2) Patents

Hargreaves Foundry has an exclusive Patent Licence Agreement with Nicholas Warns Architect to manufacture and distribute the Warns Gutter Overflow Outlet in cast iron.

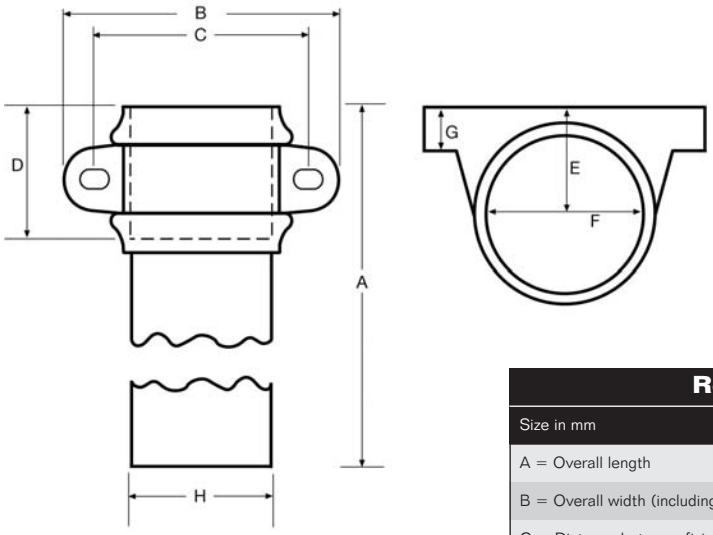
The overflow outlets direct water clear of the building if the downpipe becomes blocked or restricted.

These gutter overflow outlets incorporate an overflow spout on the front of the gutter, in line with the outlet to the down pipe. At the junction of the overflow spout and gutter outlet there is a "weir plate" which in normal conditions allows the rainwater to discharge from the outlet into the down pipe. Should the outlet / down pipe be blocked or partially obstructed, the level within the gutter will rise and bridge the weir to overflow from the spout at the front.

This has two benefits: firstly rainwater is thrown away of the building if there is a blockage or restriction on the outlet or down pipe, thereby protecting the building below from water overflowing from the gutter or down the outside of the down pipe; secondly, a visual warning that maintenance is needed is given without having to get up to the gutter, and it also shows when there is a blockage or restriction out of sight in the down pipe or swan neck if one is fitted. This is particularly helpful on gutters which are high or difficult to get to, as it saves costly regular access for checking, access is only needed if maintenance is required.

The outlets can be made as part of any of our gutter sections. They can also be made with extended outlet pipes to allow for special architectural situations, for example where the down pipe passes through a cornice.

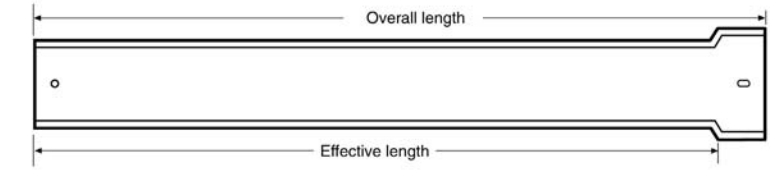
Round Rainwater Pipes

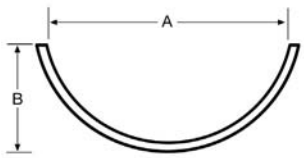


Round Rainwater Pipes - Eared & Plain				
Size in mm	65mm (2.5")	75mm (3")	100mm (4")	150mm (6")
A = Overall length	1829	1829	1829	1829
B = Overall width (including ears)	150	162	191	256
C = Distance between fixing centres	110	130	158	215
D = Insertion depth of socket	63	63	63	74
E = Back of fixing to pipe centre	47	53	65	91
F = Internal diameter of socket	73	83	111	162
G = Thickness of ear	15	15	15	15
H = Outside pipe diameter	69	80	105	159

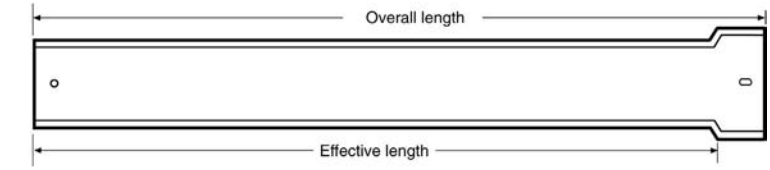
Plain Half Round & Beaded Half Round Gutters with External Joint

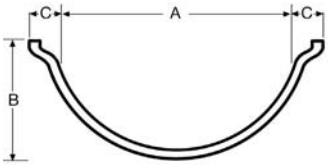
Plain half round





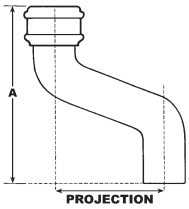
Beaded half round





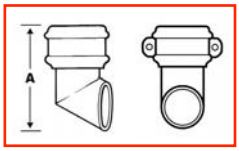
Plain Half Round & Beaded Half Round				
Size in mm	100mm (4")	115mm (4.5")	125mm (5")	150mm (6")
A = Internal width	100	115	125	150
B = Overall depth	41	50	52	76
C = Extension of bead	8	8	8	8
Effective length	1829	1829	1829	1829
Overall length	1879	1879	1879	1879

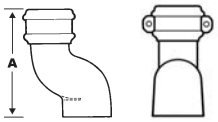
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Email: info@hargreavesfoundry.co.uk www.hargreavesfoundry.co.uk



Offsets 112.5°

Description	65mm (2.5")	75mm (3")	100mm (4")	150mm (6")
75mm (3") Projection	R2540	R3040	R4040	R6040
A	254mm	264mm	283mm	323mm
115mm (4.5") Projection	R2541	R3041	R4041	R6041
A	273mm	280mm	301mm	341mm
150mm (6") Projection	R2542	R3042	R4042	R6042
A	270mm	295mm	312mm	352mm
230mm (9") Projection	R2543	R3043	R4043	R6043
A	305mm	329mm	343mm	383mm
305mm (12") Projection	R2544	R3044	R4044	R6044
A	337mm	360mm	375mm	415mm
380mm (15") Projection	R2545	R3045	R4045	R6045
A	373mm	385mm	408mm	448mm
457mm (18") Projection	R2546	R3046	R4046	R6046
A	422mm	414mm	442mm	482mm
533mm (21") Projection	R2547	R3047	R4047	R6047
A	454mm	453mm	474mm	516mm
610mm (24") Projection	R2548	R3048	R4048	R6048
A	477mm	487mm	508mm	550mm





Shoes

Description	65mm (2.5")	75mm (3")	100mm (4")	150mm (6")
Eared	R2551E	R3051E	R4051E	R6051E
A	165mm	180mm	210mm	290mm
Plain	R2551	R3051	R4051	R6051
A	165mm	180mm	210mm	290mm
Anti-Splash Eared	R2552E	R3052E	R4052E	R6052E
A	219mm	222mm	265mm	325mm
Anti-Splash Plain	R2552	R3052	R4052	R6052
A	219mm	222mm	265mm	325mm

Ears

Description	65mm (2.5")	75mm (3")		
Extra for Fitting Ears to Any Item	R2565F	R3565F	R4065F	R6065F



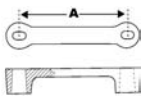
Holdfast

Description	65mm (2.5")	75mm (3")	100mm (4")	150mm (6")
Holdfast (Steel)	R2555	R3055	R4055	R6055



Pipe Bracket

Description	65mm (2.5")	75mm (3")	100mm (4")	150mm (6")
Screw to Wall (Zinc Plated)	R2561	R3061	R4061	R6061
A	45mm	45mm	45mm	45mm



Spacer Plate

Description	65mm (2.5")	75mm (3")	100mm (4")	150mm (6")
30mm Projection	R2570	R3070	R4070	R6070
A	113mm	133mm	160mm	215mm



Bobbins

Description	
Wooden 30mm Projection	R0001
Metal 13mm Projection	R0002



Pipe Nails

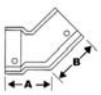
Description	
75mm (3") to suit All Pipe Sizes	R0003
100mm (4") to suit All Pipe Sizes	R0004

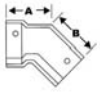


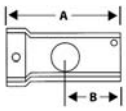
External Internal

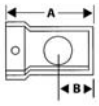


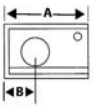


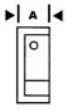


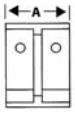


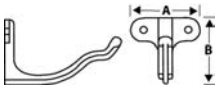












OG Gutter			
Description	100mm (4")	115mm (4.5")	125mm (5")
1829mm (6')	OG4001	OG4501	OG5001
Angles			
Description	100mm (4")	115mm (4.5")	125mm (5")
Square (90°) External	OG4010	OG4510	OG5010
Square (90°) Internal	OG4011	OG4511	OG5011
A	175mm	190mm	201mm
B	180mm	195mm	206mm
Obtuse (135°) External	OG4012	OG4512	OG5012
Obtuse (135°) Internal	OG4013	OG4513	OG5013
A	112mm	114mm	125mm
B	115mm	121mm	130mm
Outlets			
Description	100mm (4")	115mm (4.5")	125mm (5")
		A= 65mm (2.5"), B= 75mm (3")	
Nozzle (Centre Drop)	OG4020A	OG4520A	OG5020A
	OG4020B	OG4520B	OG5020B
A	240mm	240mm	240mm
B	120mm	120mm	120mm
Dropend External	OG4021A	OG4521A	OG5021A
	OG4021B	OG4521B	OG5021B
A	170mm	170mm	170mm
B	63mm	63mm	65mm
Dropend Internal	OG4022A	OG4522A	OG5022A
	OG4022B	OG4522B	OG5022B
A	170mm	170mm	170mm
B	60mm	60mm	65mm
Stopends			
Description	100mm (4")	115mm (4.5")	125mm (5")
External (Right Hand)	OG4030	OG45430	OG5030
Internal (Left Hand)	OG4031	OG4531	OG5031
A	45mm	45mm	45mm
Union Clip			
Description	100mm (4")	115mm (4.5")	125mm (5")
Union Clip	OG4035	OG4535	OG5035
A	100mm	100mm	100mm
Fascia Bracket			
Description	100mm (4")	115mm (4.5")	125mm (5")
Fascia Bracket	OG4040	OG4540	OG5040
A	75mm	75mm	75mm
B	70mm	77mm	83mm

to bay window ONLY

gutters generally

Telephone: 01422 330607 Fax: 01422 320349
Email: info@hargreavesfoundry.co.uk www.hargreavesfoundry.co.uk

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Design by **Bulletpoint** 08701 221 220



Hargreaves Foundry

Castings

Hargreaves Foundry Water Lane South Parade Halifax West Yorkshire HX3 9HG

Telephone: 01422 330607 **Fax:** 01422 320349 **E-Mail:** info@hargreavesfoundry.co.uk www.hargreavesfoundry.co.uk