

Issued May 2025

M'ALPINE



Product Guide

No Compromise on
Quality & Innovation



**MADE IN
BRITAIN** 

ST90CP10-53 Shown Above

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For further **technical information** on any of our products please **visit our website**
www.mcalpineplumbing.com



Introduction

Welcome to our all-new Product Guide. We hope you find the style cleaner and more user friendly.

McAlpine has been manufacturing in **Glasgow since 1907**. We still manufacture our products in Scotland, and we believe we have a reputation that is hard to beat in the trade.

We've got to where we are by not standing still as a business. This is a mantra that we continue to live by. Producing only the best and most innovative products, whilst being honest and open as a company. We are committed to the UK manufacturing industry being a **certified Made in Britain member** and a **Living Wage employer**.

We've never sacrificed quality for profit, now having more than **65 patents**, producing **over 5,000 plumbing products** and exporting to over **90 countries worldwide**.

We are family owned, and are proud of our history, always listening to the trade for their input, and creating easy to use products that save installers valuable time.

In 2020 we developed MacXseal, our first product for the wider trades sector, and we are working on further exciting new products in the coming years.

At McAlpine we **don't compromise** on quality, service and product simplicity.

Please Give Us Your Feedback

Please leave us reviews when you have used our products and let us know what you think of them. **Your input really helps!** Our core focus will always be providing you with the products you can trust to do your job well.

www.mcalpineplumbing.com



MACXSEAL



MINIFLEX-1

LATINO PRODUCTS



VP100E



MACTUN-1



ST90CP10-NRV



WHB-1



We continue to innovate and introduce products that make installers lives easier. We actively listen and encourage installers and merchants to give us feedback and thoughts on new product development. To make sure you don't miss any new product launches follow us on our social channels - or sign up on our website for updates.

- f Facebook**
@McAlpinePlumb
- @ Instagram**
@McAlpinePlumb
- ✕ (X) Twitter**
@McAlpinePlumb

All product reviews and quotes are taken from actual online reviews from tradesman and merchants.

Our Patent Pending Kits **Saves Time & Hassle**



2" CC-KIT NOW AVAILABLE
CC-KIT2



The 1½" Multifit Washer gives a perfect fit on virtually all pans.

CC-KIT

HK-CC-X1

CC-KIT & TB-KIT Product Feature

Close Coupled Kit

Installers know that fitting current Close Coupled Kits are a complete faff! The bolts move about and the wing nuts and washers are a nightmare to locate and tighten up. How many times have you dropped the lot when trying to fit one?

The McAlpine Close Coupled Kit uses a patent pending plate that holds the bolts tight in place.

The patent pending bolts have a **tapered end with no thread**, this makes locating and tightening the solid stainless steel nuts a breeze.

It will literally take **under 30 seconds* to secure**. The less time staring into a customer's toilet, the better.

*In tests with our own Sales guys, so you should be able to do it even quicker!

Cistern Bolt Kit

For newer toilets, the through bolt Cistern Bolt Kit uses the same patent pending bolt with a tapered end to make it **easy to locate**, even behind the toilet pan when you can't see what you are doing.

The ribbed edge means you can spin the nut straight up and tighten it by hand, and it doesn't bite into your fingers.

There's also no need for a washer as the base of the nut is wider than a washer.

Like the Close Coupled Kit, it's made from quality stainless steel and it's a real time saver!



TB-KIT

PRODUCT FEATURES



**Easy
To Install**



**Patent
Pending Bolt**



**Quality
Stainless Steel**



**Locate
Bolt Easily**



**Fits In
Seconds**

Scale Defender

M'ALPINE Scale Defender

AVAILABLE AS:



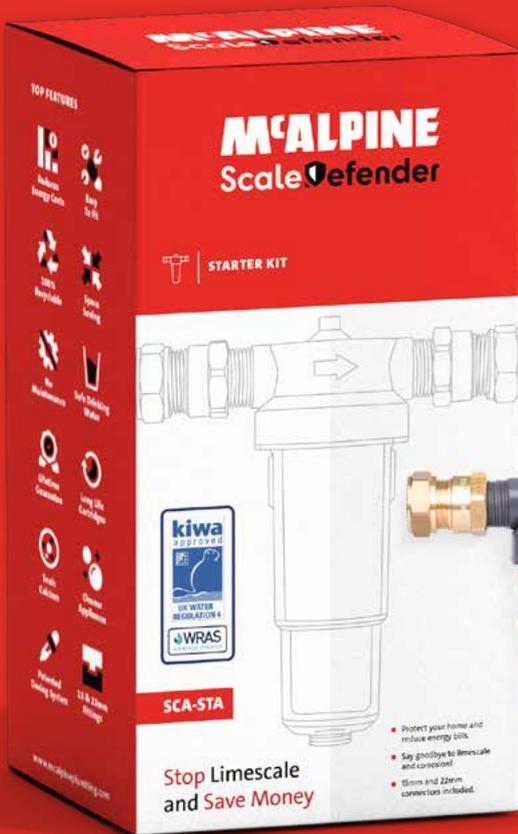
STARTER KIT
SCA-STA



REFILL CARTRIDGES X2
SCA-RE



Tackles Limescale. Protects Homes & Pockets!



EXTRAPOLATED



- Protect your home and reduce energy bills.
- Say goodbye to limescale and corrosion!
- 15mm and 22mm connectors included.

Scale Defender Product Feature

Dimensions (WxDxH):	115mm x 75mm x 210mm
Connections:	¾" Male BSP with 15mm & 22mm fittings
Weight:	0.45 kg
Working pressure:	0.5 – 10 Bar
Test pressure:	25 Bar
Temp range water:	1°C – 40°C
Water flow rate:	Max 3000 L/hr
Pressure loss head max:	± 0.3 Bar
Lifetime dosing cartridge:	Up to 40,000 Litres
Lifetime prefilter:	Easy Clean

Easy to install in less than an hour. **Saves space** under your sink and requires **no** electricity supply.

Requires no electricity, no bypass and very little space. Scale Defender protects boilers, hot water cylinders, kitchen appliances, shower screens and brassware from the harmful effects of limescale.

- ✓ **Easy to fit**
- ✓ **Average install 45 mins**
- ✓ **Low Maintenance**
- ✓ **No PTFE required**
- ✓ **No Electric Supply required**
- ✓ **Compact** - everything you need in one box
- ✓ **Connections included**



Reduces Energy Costs



Lifetime Guarantee



Easy To Fit



Long Life Cartridges



100% Recyclable



Seals Calcium

Super Strength Gloves

Tackles the Toughest Jobs, No Sweat!

McAlpine Super Strength Gloves help you tackle even the toughest jobs, no sweat! With **textured fingertips**, our **Black Nitrile** gloves protect you from a wide range of chemicals, solvents, and grease without sacrificing grip! Best of all, our medical-grade, powder-free Black Nitrile keeps your hands comfortable and sweat-free for longer.

- **Withstands a wide range of chemicals, solvents, and grease**
- Shelf-Life: **3 years** from the manufacturing date
- Glove length: **Min 240mm**
- Available in **Medium, Large, and X-Large**



Better For The Environment

Our premium black nitrile gloves are more environmentally friendly than standard nitrile gloves. Once disposed of, our gloves biodegrade **up to 20x faster** than standard gloves. That's years instead of centuries! Protecting the environment and you without sacrificing quality. Tests show our gloves can biodegrade by **36.7% in 513 days**, reducing non-degradable waste and protecting the environment.

Protecting You from the Messiest Jobs

With textured fingertips, our Black Nitrile gloves protect you from a huge range of chemicals, solvents and grease without sacrificing grip! Our gloves are made with tradespeople in mind. Protecting the environment, and you, without sacrificing quality.



AVAILABLE IN: **MEDIUM** (GL-M), **LARGE** (GL-L) and **X-LARGE** (GL-XL).



Kneepads

McALPINE Kneepads



Pain Relief For Knees That Work



REDUCE KNEE
& BACK PAIN



COMFORT &
PROTECTION



MULTI
PURPOSE USE



ROBUST &
LONG LASTING



WASHABLE
AT 30°C



RECYCLABLE
CUSHION



ONE SIZE
FITS ALL

How can you stop your knees from becoming a pain?

- McAlpine Kneepads are comfortable so you can **work on your knees for a long time.**
- McAlpine Kneepads are **machine washable.** No need to take them out of your workwear trousers.
- McAlpine Kneepads **support your whole knee**, not just one point.
- McAlpine Kneepads last **10 x Longer** than traditional kneepads.

STRAPPED KNEEPADS
KP-S



“Given we’re talking about our **long-term health, knee pain, and our daily income**, it’s a small price to pay.”

NICK POLISHCHUK, HEATING FORCE

KNEELER MAT
KP-MAT



POCKET KNEEPADS
KP-P

Black Range

Back in **Black**

Top Access Bath Trap with Removable Chrome Plated Clicker Waste in Matt Black

50mm Water Seal Swivel Bath Trap and Overflow Assembly complete with top access Chrome Plated Brass Waste and Spring Loaded Mushroom Plug.

- 50mm Water Seal
- 1½" Universal Compression Outlet suits all plastic, copper and lead pipe
- Outlet can be swivelled to make installation easier
- Mushroom Plug is spring loaded and top access for easy cleaning
- Adjustable flexible overflow tube length: 330mm - 580mm
- Overall height, including trap and waste is only 112mm
- Conforms to BS EN 274-1:2002
- Extension Kit available for baths with thicker or reinforced base boards/frames HC2650-EXT-KIT

HC2650UK-MB



HC2650UK-MB

Brass Clicker Basin Waste in Matt Black

1¼" Chrome Plated Brass Basin Waste - Backnut Model: 60mm Flange x 3½" Tail with Spring-Loaded Mushroom Plug.

- Available Slotted or Unslotted
- 1¼" BSP
- Spring loaded mushroom plug means there is **no need for a chain**
- Chrome Plated Brass Backnut
- Manufactured in Chrome Plated Brass

CW60-CB-MB



CWP60-CB-MB

McAlpine multifit products **now in Black**

Multifit Fittings suit all plastic waste pipes to BS EN 1451-1:2017 and BS EN 1329-1:2020, copper pipe and lead pipe.

- Manufactured in Polypropylene
- Available in 1¼" and 1½" sizes



ST28M-BL

Black 1½" x 1¼" Multifit Reducing Connector



MS4-BL

Black 1¼" Multifit 90° Bend



T28M-BL

Black 1½" Multifit Straight Connector



S28M-BL

Black 1¼" Multifit Straight Connector



MT4-BL

Black 1½" Multifit 90° Bend



V1M-BL

Black 1½" Multifit Tee Piece

On trend black McAlpine Fittings. Now available at all good stockists.

MACTUN-1 & MACTUN-2

Mactun Tundish

The only **combined tundish and non-return** valve with a silicone membrane seal ensuring it will not be affected in hard water areas.

The Mactun Tundish incorporates a self closing membrane which opens to allow the discharge to flow freely and then closes to form a seal to prevent foul odour or sewer gas entering the building when installed into a waste or soil pipe.

Product Benefits

- Will not splash
- TEMP RATING : 100°C
- Suitable for all Cylinder, Boiler, PRV, Water Heater and Air Conditioning discharge
- MACTUN-1 15mm inlet x 22mm outlet
- MACTUN-2 15/22mm inlet x 1½” outlet
- WRAS & KIWA Approved



MACTUN
-1



MACTUN-1
15mm Compression Inlet
x 22mm Compression Outlet

MACTUN
-2



MACTUN-2
15/22mm Compression Inlet x 1½”
Universal Compression Outlet

Just the ticket for discharging condensate into the waste pipe. Used this for air conditioning condensate, **no smells** during winter months when in heating mode.



SolvPro

M^cALPINE SolvPro

Solvent Cement

It's not just
solvent weld.
It's problem
solved.



Solv Pro Product Feature

Tired of a solvent weld that goes gloopy halfway through the tin? McAlpine SolvPro changes the game. Packaged in a durable, recyclable aluminium can, SolvPro stays usable, meaning less waste and more value.

Forget those messy brushes! Our unique cotton wool dauber delivers **precise application**, giving you a professional finish every time. No more drips, no more waste, and a flawless joint.

SolvPro's clear application and rapid cure speed up the job. But **the real innovation is our UV additive**. Use a UV torch to check your seal is 100% watertight before you box in. Complete confidence, no leaks, no comebacks.



No Mess

Say goodbye to wasted solvent weld. Our aluminium cans keep SolvPro fresh and ready to use, maximising your investment.



Dauber Applicator

The cotton wool dauber gives you ultimate control, reducing mess and ensuring a perfect joint every time. It reaches to the bottom of the can, so nothing is wasted.



UV Detectable

Our unique UV additive allows you to visually verify the integrity of your seal with a UV torch. No leaks, no worries, and fewer callbacks.



Low VOC

We care about your health and the environment. SolvPro's low VOC content minimizes harmful emissions being released.



Fast Setting

SolvPro's medium-fast set speeds up the job, and its clear application ensures a clean, professional look.



SVPR-1
237ml



SVPR-2
118ml

With SolvPro's UV additive, you know it's watertight before you walk away. No leaks, no callbacks, just pure confidence.

Channel Drains

Introducing Our Sheet Floor Channel Drains

Sleek and functional, McAlpine Channel Drains for sheet floors.



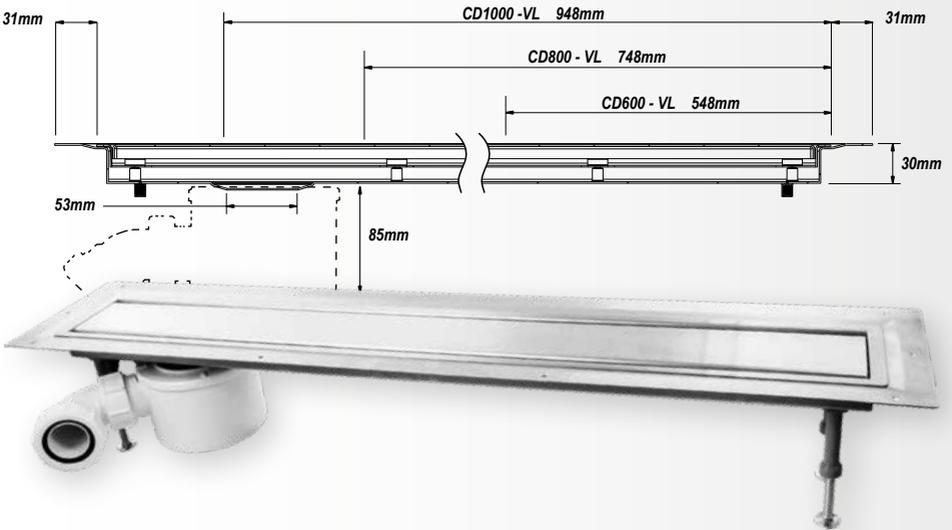
Product Features:

Applications as diverse as domestic bathrooms, hotels, spas, hospitals and sport and leisure facilities.

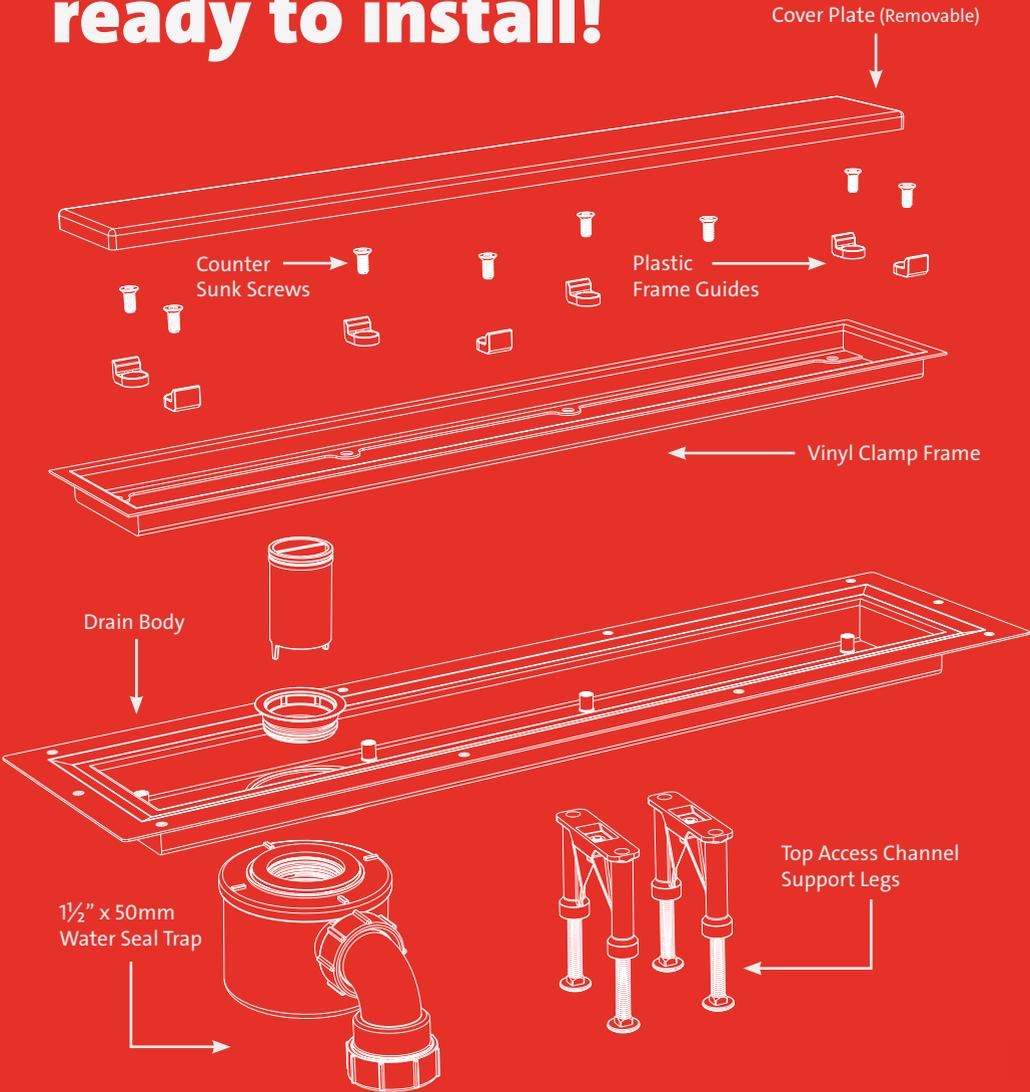
Available in 3 lengths:

- CD600-VL – 548mm
- CD800-VL – 748mm
- CD1000-VL – 948mm

Channel Drains Product Feature



Everything you need in one box, ready to install!



Shower Traps Range

Shower Traps

We pride ourselves on our shower traps being **the best in the marketplace.**

“Don't get trapped
McAlpine traps do the job first time. I don't even bother looking at others.”



ST90CP10-NRV Pictured Above

ST90CP10-
NRV



ST90CP10-NRV

Solvent Weld Outlet Socket,
Spring Loaded Non-Return Valve,
Overall height 53mm

ST90CP10
-V



ST90CP10-V

Full range of **vertical outlets**

ST90WH10
-70



ST90WH10-70

Also **available in white** for when
you can't find the finish you want

ST90CP10-
HP2



ST90CP10-HP2

Dropped horizontal outlet for
easy install

ST90MB10
-70



ST90MB10-70

Matt black dome top and waste
for luxury look

ST90CP10
-53



ST90CP10-53

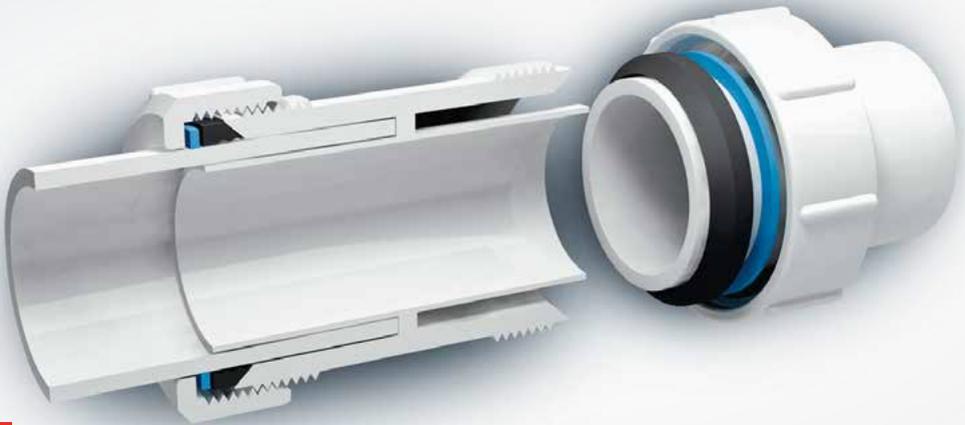
The Shallowest Shower Trap
available at **53mm**

McALPINE

McAlpine Multifit



- Most McAlpine trap outlets and fittings have Multifit connections
- Multifit connections suit all plastic waste pipes to **BS EN 1451-1: 2017** and **BS EN 1329-1: 2020**, copper pipe (metric or imperial) and lead pipe
- The moulded internal sleeve of the connection, centres and supports the pipe. The Multifit and friction washers ensure a **secure seal** is made between the pipe and the wall of the fitting. When the compression nut is turned hand tight **the best possible mechanical joint** is complete
- For technical reasons, it is not possible to manufacture Multifit connections on all traps and fittings. Where Multifit is not provided the description **universal is applied**. The only difference being that universal does not have an internal sleeve within the trap or fitting



SECTION ONE

01



Traps

McAlpine has been manufacturing plumbing products since 1907 and was the first Company in the UK to manufacture plastic waste traps in 1957.

We are proud that our traps are the number one sellers in the UK market. As one plumber stated in a recent Trust Pilot review, **'Nobody wants a leak when a shower tray has been installed!'** Because we don't compromise on quality our traps are quite simply seen as the plumbers' first choice.



For further **technical information** on any of our products please **visit our website** www.mcalpineplumbing.com

Bottle Traps

Product	1¼" Code	1½" Code	Water Seal	Material	Anti-Syphon	Resealing	Adjustable Inlet
	A10	C10	75mm	Plastic			
	A10V	C10V	75mm	Plastic	✓		
	A10R	C10R	75mm	Plastic		✓	
	A10A	C10A	75mm	Plastic			✓
	A10AV	C10AV	75mm	Plastic	✓		✓
	A10AR	C10AR	75mm	Plastic		✓	✓
	AA10	-	75mm	Plastic			✓
	AA10-BL	-	75mm	Plastic			✓

Bottle Traps

Product	1¼" Code	1½" Code	Water Seal	Material	Anti-Syphon	Resealing	Adjustable Inlet
	BK1'		75mm	Plastic			✓
	AA10W²	-	75mm	Plastic			✓
	E10 -	- G10	50mm 40mm	Plastic			
	E10-BL	-	50mm	Plastic			
	A10AR-CP	C10AR-CP	75mm	Chrome Plated Plastic		✓	✓
	CAA10	-	75mm	Chrome Plated Plastic			✓

Chrome Plated Basin Traps

- Pipe is **32mm European size** and is adapted to UK size by MS4-32SOLVENT fitting giving an **1¼" solvent weld outlet**.
- Wall flange included.

Product	Code	Type	Material	Water Seal	Pipe Length	MS4-32SOLVENT adaptor included
	CA32MINI-CB	Bottle	Brass	50mm	12"	✓
	CA32UK-CB	Bottle	Brass	75mm	16"	✓
	TA32VUK-CB	Tubular	Plastic	50mm	12"	
	A32UK-CP	Bottle	Plastic	75mm	16"	✓
	CA32SQUK-CB	Square Bottle	Brass	50mm	12"	✓
	A32UK-CB	Bottle	Brass	75mm	16"	✓

Fit & Forget

With our range of **Chrome Plated Brass** slimline **Compression fittings and adaptors.**



35A-CB



35B-CB



42E-CB



ABS32/35A-CB



ABS32/35G-CB Shown Above

Self-Closing Waste Valves

Product	Code	Type	Size	Inlet	Outlet
	MACVALVE-1	Valve	1¼"	BSP Female Nut	Compression
	MACVALVE-2	Valve	1½"	BSP Female Nut	Compression
	MACVALVE-3	Valve	1¼"	22mm tundish with compression inlet	Compression
	MACVALVE-4	Valve	2"	Compression	Compression
	S4U'	90° Bend	1¼"	Female Nut	BSP Male Connector
	T4U'	90° Bend	1½"	Female Nut	BSP Male Connector
	S31U'	Straight	1¼"	BSP Male Thread	Compression
	T31U'	Straight	1½"	BSP Male Thread	Compression

1. S4U, T4U, S31U & T31U only suitable for use with MACVALVE. 1¼", BSP Female inlet nut x 1¼", compression outlet, including tundish adapter 1¼" BSP male thread x 22 mm compression inlet.

MacValve

 Can be fitted in **horizontal or vertical** position



MacValve membrane opens under water pressure to allow discharge to flow freely and then closes to form a seal to **prevent foul odour or sewer gas entering the building**



MacValve having no water seal **can never dry out through evaporation** or lack of use of an appliance as the membrane remains sealed

OTHER BENEFITS

- MacValve can be fitted in installations where a **non-return valve can be of benefit** to the plumbing installation
- MacValve can be used to **take the discharge from a pressure relief valve** on an unvented domestic hot water storage system. Please refer to guidance notes in approved Document G3 of the Building Regulations
- MacValve **must not** be used for baths or shower trays unless there is access for maintenance

MACVALVE
-3



MACVALVE-3

The Tundish adaptor can be cut to give a **22mm plain tail**

When being installed as part of D2 Pipework from an unvented appliance, MACVALVE must be installed vertically in accordance with Building Regulation G3.

Space Saver Self Closing Waste Valves

Product	Code	Type	Size	Inlet	Outlet	Height
	WHB-1	Space Saver for Basin	1½"	BSP Female Nut	Compression	62mm
	WV-1	Space Saver for Sink/Bath	1½"	BSP Female Nut	Compression	75mm

WHB-1

Shallow **Wash Hand Basin** Space Saver



WHB-1
Cross Section

PRODUCT BENEFITS:

- **Overall height only 62mm**
- Space saving design **ideal for bathroom furniture**
- No water seal to evaporate
- **Easily cleaned** and maintained
- Eliminates negative pressures that cause slow water drainage
- **1½"** BSP female nut inlet x compression outlet



Space Saver Self-Closing Waste

The **McAlpine Tubular Traps** - The Industry Standard



Exactly what I needed, **quality is second to none** as always.

Quick & Easy to install, even in a confined space. **No leaks due to the reliable compression system** used. No tools or sealants required.

Product	1¼" Code	1½" Code	2" Code	Type	Water Seal	Anti-Syphon	Adjustable Inlet
	SA10	SC10	SE10	Swivel 'P'	75mm		
	SA10V	SC10V	SE10V	Swivel 'P'	75mm	✓	
	ASA10	ASC10	ASE10	Swivel 'P'	75mm		✓
	ASA10V	ASC10V	ASE10V	Swivel 'P'	75mm	✓	✓

Tubular Traps

Product	1¼" Code	1½" Code	2" Code	Type	Water Seal	Anti-Syphon	Adjustable Inlet
	BK2'	-	-	Swivel 'P' with centre pin waste	75mm		✓
	ASA10W²	-	-	Swivel 'P' with centre pin waste	75mm		✓
	SB10	SD10	SF10	Swivel 'S'	75mm		
	SP10	TP10	ZP10	All One S or P Trap	75mm		✓
	SP10V	TP10V	-	All One S or P Anti-Syphon	75mm	✓	✓
	SR10	TR10	SG10	Running 'P'	75mm		

Tubular Traps

Product	1¼" Code	1½" Code	2" Code	Type	Water Seal	Anti-Syphon	Adjustable Inlet
	SS10	TS10	SH10	Running 'S'	75mm		
	ASA10-SP	ASC10-SP	-	Swivel 'P' with additional 19/23mm inlet	75mm		✓
	BT1	BT2	-	Bidet	19mm		✓
	BT3	-	-	Low Inlet Swivel 'P'	75mm		
	BT4	-	-	Swivel 'P'	50mm		
	-	TT10	-	Waste Disposal	75mm		
	-	TRSH10	-	Running	20mm		

Pedestal Traps

Pedestal & 1½” Domestic Appliance Traps

Product	1¼” Code	1½” Code	2” Code	Type	Water Seal	Anti-Syphon	Adjustable Inlet
	OBT1	-	-	Offset Basin			✓
	OBT1V	-	-	Offset Basin		✓	✓
	X10	-	-	Pedestal			
	X10V	-	-	Pedestal		✓	
	X10A	-	-	Pedestal			
	Y10	-	-	Pedestal with 1½” outlet			
	V1ABSV-1.25-WH	-	-	AAV Trap Adaptor makes any Trap Anti-Syphon		✓	
	-	V1ABSV-1.50-WH	-				
	V1ABSV-1.25-BL	-	-	AAV Trap Adaptor makes any Trap Anti-Syphon		✓	
	-	V1ABSV-1.50-BL	-				

1½” Domestic Appliance Traps

Product	Code	Nozzle	Anti-Syphon	Adjustable Inlet	Blanking Plug(s) Included
	WM1	Single			
	WM2	Single			
	WM2V	Single	✓		
	WM14	Single			✓
	WM11	Double		✓	✓
	WM11-BL	Double		✓	✓
	WM12	Single		✓	✓

1½” Domestic Appliance Traps

Product	Code	Nozzle	Anti-Syphon	Adjustable Inlet	Blanking Plug(s) Included
	WM15	Single		✓	✓
	ASC10-CO	Single with additional 19/23mm compression inlet		✓	✓
	WM4	Teevent		✓	
	WM3	Standpipe		✓	
	V33WM	Twin Connector			✓
	WM3-CAP	Cap for WM3			

Product	Code	Size	Type
	SSINLET1	1½"	Space Saver Trap Inlet
	SSINLET2	1¼"	Space Saver Trap Inlet
	NUT-WMVALVE	¼"	BSP Female Blank Cap
	NUT-BLANK-WH	1"	BSP Female Blank Cap
	R23U	19/23mm	Compression Blanking Cap
	228532	-	Blanking Plug for Appliance Connection

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Domestic Appliance Accessories

Nozzles

Product	Code	Angle	Connection To	Blanking Plug(s) Included
	WMF3	Straight	1½" Multifit	
	WMF4	90°	1½" Multifit	
	MA15	135°	1" BSP Thread	✓
	WFH-CON1 <small>(For use with small bore pipes up to 14mm diameter)</small>	135°	1" BSP Thread	

Tees

Product	Code	Nut	Thread	Nozzle	Type
	V33L	1½" BSP	1½" BSP	¾"	Swept Tee
	V34L	1¼" BSP	1¼" BSP	¾"	Tee
	V33S	1½" BSP	1½" BSP	¾"	Tee Piece

1½” Standard Sink Kits

Product	Code	Sink Bowls	Nozzles
	<p>SK1</p>	<p>Bowl & Half</p>	<p>1</p>
	<p>SK1A</p>	<p>Bowl & Half</p>	<p>2</p>
	<p>SK2</p>	<p>Double</p>	<p>1</p>
	<p>SK2A</p>	<p>Double</p>	<p>2</p>
	<p>SK2A-BL</p>	<p>Double</p>	<p>2</p>
	<p>SK3</p>	<p>Three</p>	<p>1</p>

Sink Kit with Basket Strainer Wastes (No Trap)

Product	Code	Sink Bowls	Nozzles
  <p data-bbox="456 284 557 339">Rectangular & Round Grids both Included</p>	<p data-bbox="610 304 692 325">SK2-BWS</p>	<p data-bbox="776 304 841 325">Double</p>	<p data-bbox="956 304 969 325">1</p>



Space Saver Sink Kit Feature



Space Saver Kits are designed to allow full use of storage space below the sink bowl(s) and are **suitable for use with almost all British and European sinks.**

Space Saver Sink Kit



All kits have **1½” inlet connections** and the provision for the discharge hose(s) of domestic appliance(s). Also supplied with a **1½”x 75mm water seal tubular swivel ‘P’ trap.**

Product	Code	Sink Bowls
	SSK1	Single
	SSK2	Double/Bowl & Half
	SSK3	Three



Blanking plug (Code: 228532) is included in standard and space saver kits.

Plumbing Kit for Adjustable Height

Product	Code	Size	Use
	FLEXKIT1	1¼” x 1½”	For adjustable height basins or sinks

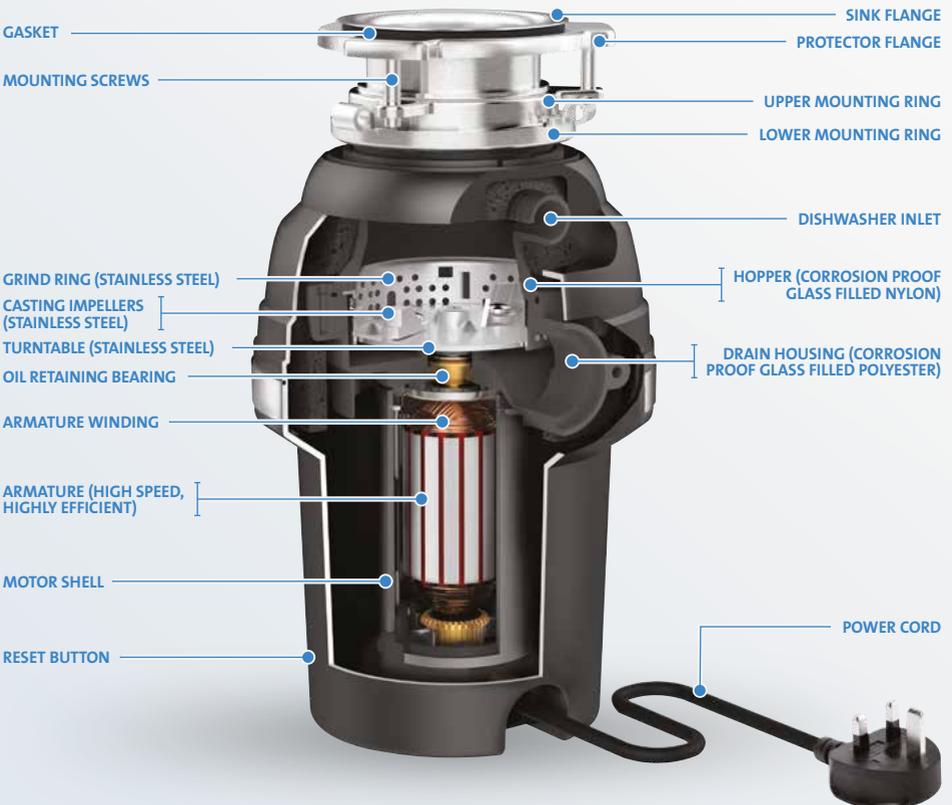
Waste Disposal Units

Waste Disposal Unit Features

An **environmentally sound solution** to the growing problem of food waste.

- **25% more torque** than other brands provides more grinding power
- Unique permanent magnet motor produces **higher RPM** (revolutions per minute) than AC (alternating current) induction motors
- Corrosion proof cast **stainless steel** impellers on all models
- 180° dual swivel anti-jam impellers **prevent jamming**
- **High efficiency** performance saves time, water and energy
- Motor incorporates **sound eliminating** insulation technology for quiet operation
- **BioGuard antimicrobial** eliminates bacteria and odours
- Power cord included
- Supplied with **90° Bend x 11/2"** BSP thread for connection to trap

Product Features



Product	Code	Level	HP-RPM	Warranty	Switch
	WDU-1UK	Entry	1/2 HP - 2500 RPM	3 Year	Wall Switch
	WDU-1ASUK	Entry	1/2 HP - 2500 RPM	3 Year	Built-in Air Switch
	WDU-2ASUK	Mid	5/8 HP - 2500 RPM	8 Year	Built-in Air Switch
	WDU-3ASUK	High	3/4 HP - 2500 RPM	10 Year	Built-in Air Switch

Perfect Grinding System

Perfect Grind® System can efficiently grind the toughest bones **faster and finer** than other brands and is safe for any properly sized septic system. **Wear resistant and corrosion proof.**

Stainless steel grinding rings specially designed large opening, round holes and arch cutters.

Corrosion Proof Grinding Chamber

Grinding chamber is constructed with the proven durability of glass filled nylon for **lasting performance** and is treated with **BioGuard antimicrobial** odour protection.



Accessories

Batch Feed Kit

BFKIT-1UK

For converting continuous feed models to batch feed allowing the disposal unit cover to be used as an on/off switch.



Air Switch Adaptor

AS-UK

For converting WDU1-UK unit from wall switch to air switch operation.



Bath Traps

Product	Code	Size	Water Seal	Anti-Syphon	Extended Body
	L10	1½"	75mm		
	L10V	1½"	75mm	✓	
	SM10E	1½"	60mm		✓
	SM10EV	1½"	60mm	✓	✓
	SM10	1½"	50mm		
	SM10V	1½"	50mm	✓	

Product	Code	Size	Water Seal	Anti-Syphon	Extended Body
	SMP10	1½"	50mm		
	SMP10V	1½"	50mm	✓	
	P10	1¼"	19mm		
	Q10	1½"	19mm		

Bath Traps with Top Access

(Available in Chrome, Brushed Brass, Matt Black & White)

Product	Code	Size	Water Seal	Overflow Plate	Plug	Overflow Length
	HC2650UK	1½"	50mm	CP Brass	 Domed CP Brass Clicker	330mm - 580mm
	HC2650UK-BB	1½"	50mm	Brushed Brass	 Domed Brushed Brass Clicker	330mm - 580mm

Bath Traps with Top Access

(Available in Chrome, Brushed Brass, Matt Black & White)

Product	Code	Size	Water Seal	Overflow Plate	Plug	Overflow Length
	HC2650UK-MB	1½"	50mm	MB Matt Black	 Domed MB Brass Clicker	330mm - 580mm
	HC2650UK-WH	1½"	50mm	White Plated Brass	 Domed White Plated Brass Clicker	330mm - 580mm

Bath Traps with Overflows

Product	Code	Size	Water Seal	Overflow Grating	Includes Waste
	FJ10	1½"	75mm	Chrome Plated Plastic	
	FJ10WC	1½"	75mm	Chrome Plated Plastic	✓
	FSK10E	1½"	60mm	Chrome Plated Plastic	

Product	Code	Size	Water Seal	Overflow Grating	Includes Waste
	FSK10	1½"	50mm	Chrome Plated Plastic	

HC2650UK

Shallowest Top Access combined Bath Trap & Waste on the Market

- Overall height of **only 112mm**.
- Top access makes it **extremely easy to clean**.
- Trap outlet **rotates through 270°** for easy installation.
- 50mm water seal **conforms to regulations**.
- **Compression joint** on overflow connection.
- All working parts **replaceable**.
- Matching chrome clicker plug and overflow face.
- The **only complete Bath outlet solution** on the market.
- Comes complete with **fixing tools**.
- Available in Matt Black: **HC2650UK-MB** & White: **HC2650UK-WH**



McAlpine Bath Fillers Benefits

Will fit overflow hole size **46mm to 65mm**

Compact filler design **70mm diameter x 25mm deep** suitable for curved baths

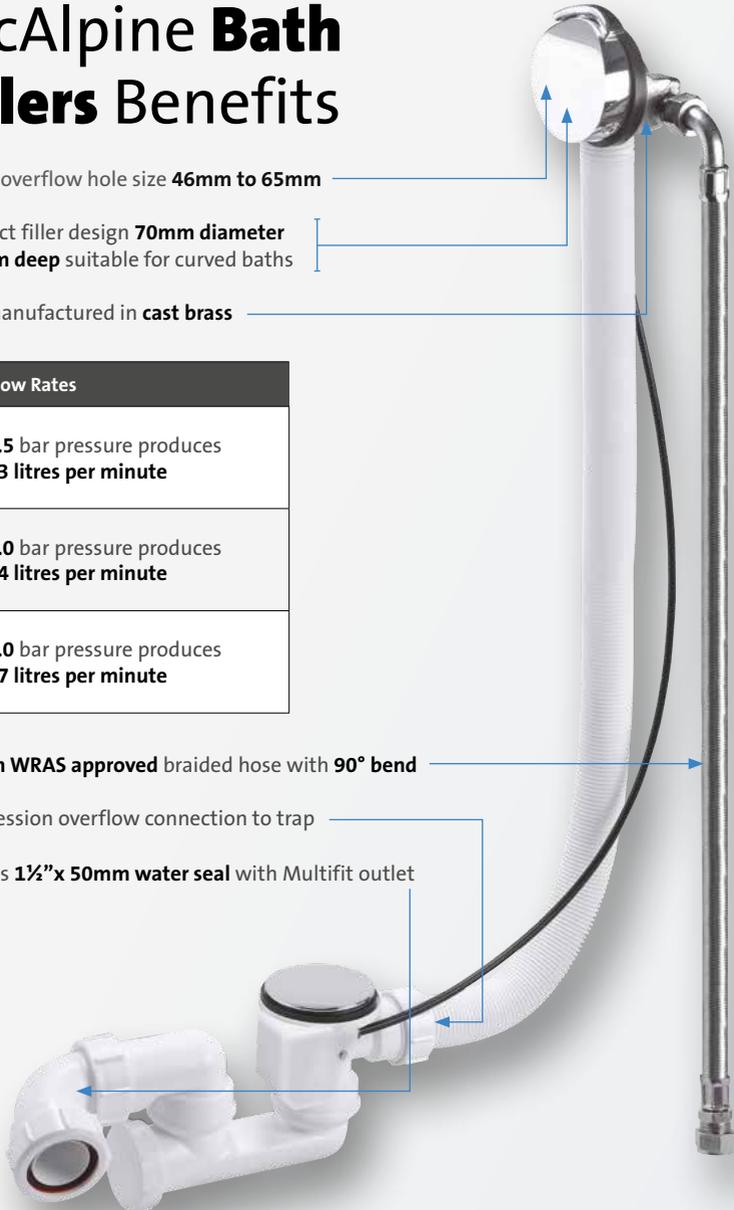
Filler manufactured in **cast brass**

Flow Rates
0.5 bar pressure produces 33 litres per minute
1.0 bar pressure produces 44 litres per minute
2.0 bar pressure produces 57 litres per minute

650mm WRAS approved braided hose with 90° bend

Compression overflow connection to trap

All traps **1½" x 50mm water seal** with Multifit outlet



Product	Code	Size	Overflow Length	Plug	Trap
	HCN3365UK	1½"	575mm	 Clicker	Swivel
	HCN3365UK-1M	1½"	1m	 Clicker	Swivel
	HCN3165UK	1½"	575mm	 Pop-Up	Swivel
	HCN3165UK-1M	1½"	1m	 Pop-Up	Swivel
	HC2650UK-FIL	1½"	575mm	 Domed CP Brass Clicker	Top Access
	HC2650UK-FIL-1M	1½"	1m	 Domed CP Brass Clicker	Top Access

Chrome Plated Brass Bath Traps

Outlets compatible with Plastic & Chrome pipe

Product	Code	Size	Water Seal	Type	Plug
	BRASSTRAP-50-CP	1½"	50mm	Trap, Waste & Overflow	 Clicker
	BRASSTRAP-25-CP	1½"	25mm	Trap, Waste & Overflow	 Clicker
	BATHTRAP-50-CPB	1½"	50mm	Trap	
	BATHTRAP-25-CPB	1½"	25mm	Trap	

Bath, Pushfit & Urinal Bowl Traps

M^cALPINE

Manufacturing
plastic traps in the
UK **since 1957**



Pushfit Traps

- Suitable for WC squatting pans, slop hoppers or similar appliances with **90-114mm plain end outlet**
- Will connect to **110mm pipe**
- Made from HDPE

Product	Code	Size	Water Seal	Outlet
	WCTRAP4P	110mm	50mm	Horizontal
	WCTRAP4S	110mm	50mm	Vertical

Urinal Bowl Syphonic Traps

Product	Code	Size	Water Seal	Outlet
	HCUP50UK	2"	75mm	Solvent Weld
	HCUS50UK	2"	75mm	Solvent Weld

90mm Shower Traps

Product	Code	Tops	Outlet Size	Outlet Type	Water Seal	Overall Height	Flow Rate (l/min)
	ST90CP10-53	1	1½"	Solvent Weld	25mm	53mm	24
	ST90CB10-53	2					
	ST90CPB-P-53	3					
	ST90CPB-S-53	4					
	ST90CP10-70	1	1½"	Compression	50mm	70mm	34
	ST90CB10-70	2					
	ST90CPB-P-70	3					
	ST90CPB-S-70	4					
	ST90WH10-70	5					
	ST90MB10-70	6					
	ST90CP10-HP2	1	1½"	Compression	50mm	90mm	42
	ST90CB10-HP2	2					
	ST90CPB-P-HP2	3					
	ST90CPB-S-HP2	4					
	ST90WH10-HP2	5					
	ST90CP10-HP	1	2"	Compression	50mm	90mm	50
	ST90CB10-HP	2					
	ST90CPB-P-HP	3					
	ST90CPB-S-HP	4					
	ST90WH10-HP	5					
	ST90CP10-V	1	2"	Vertical Compression	50mm	106mm	50
	ST90CB10-V	2					
	ST90CPB-P-V	3					
	ST90CPB-S-V	4					
	ST90WH10-V	5					

Product	Code	Tops	Outlet Size	Outlet Type	Water Seal	Overall Height	Flow Rate (l/min)
	ST90CP10-NRV	1	1½"	Solvent Weld	Non-Return Valve	53mm	24
	ST90BB10-FLX	8	1½"	Flexible Compression	50mm	70mm	34
	ST90CP10-FLX	1					
	ST90CPB10-FLX	2					
	ST90MBB10-FLX	7					
	ST90WH10-FLX	5					

Domes & Gratings/Flanges



Additional Accessories

110mm CP Plastic Dome

ST90MECPTOP+SUPP

Suitable for use with ST90CP10-70, ST90CB10-70 and ST90WH10-70 traps.



110 mm CP Domed Flange

ST90CPTOP+TUBE

Suitable for use with ST90CP10, ST90CB10 and ST90WH10 traps.



Longer flange information for thicker shower trays is available on our website.

Product **Benefits**

ST90CP10-53

- Shallowest 90mm Shower Trap available at only **53mm overall height**
- **1½” Solvent** weld outlet
- Installed by **fixing 3 screws**
- ‘H’ washer **moulds to tray** outlet hole



ST90CP10-53
25mm water seal



ST90CP10-70
50mm water seal



ST90CP10-HP2
50mm water seal



ST90CP10-HP
50mm water seal



ST90CP10-V
50mm water seal



ST90CP10-NRV
Non-Return Valve



Flow Rates

All McAlpine shower traps with top access surpass the minimum required flow rate when tested in accordance with clause 5 of BS EN 274-2:2002. With exception of the ST90-53 range.

65 Litres per minute tested under a constant 120mm Head of Water

» High Flow Rate

Product	Description	1¼" Code	1½" Code	2" Code
	Replacement Washer Pack	WASHER-KIT-1.25		
	Replacement Washer Pack		WASHER-KIT-1.50	
	Trap Inlet Washer	RW1	RW2	RW3
	Multifit Rubber Olive	RWM1	RWM2	RWM3
	Multifit Plastic Friction Washer	PWM1	PWM2	PWM3
	Multifit Loose Nut	S8M	T8M	Z8M
	Bottle Trap Cup Rubber Seal for A10 Bottle Trap Cup Rubber Seal for C10 Bottle Trap Cup Rubber Seal for E10	ARW10 CRW10 RW3	- - -	- - -
	Rubber Seal to Suit ST90 Dip Tube	P-RW-STW90	-	-
	Rubber Seal to Suit STW Dip Tube	P-OR-SHOWERTRP	-	-

Supplied with bottle trap cup runner seal, multifit plastic friction washer, trap inlet washers, multifit rubber olive, flat inlet washer.

1½” Shower Traps

1½” Shower Traps

Product	Code	Tops	Outlet Size	Outlet Type	Water Seal	Overall Height	Flow Rate (l/min)
	STW1-R	1	1½”	Compression	19mm	95mm	26
	STW5-R	2					
	STW3-R	3					
	STW7-R	4					
	STW3-RB	5					
	STW7-RB	6					
	STW1-M	7					
	STW5-M	8					
	STW3-M	9					
	STW7-M	10					
	STW2-95	1	1½”	Multifit	50mm	95mm	22
	STW6-95	2					
	STW4-95	3					
	STW8-95	4					
	STW4B-95	5					
	STW8B-95	6					
	STW2M-95	7					
	STW6M-95	8					
	STW4M-95	9					
	STW8M-95	10					
	STW2-R	1	1½”	Multifit	50mm	118mm	26
	STW6-R	2					
	STW4-R	3					
	STW8-R	4					
	STW4-RB	5					
	STW8-RB	6					
	STW2-M	7					
	STW6-M	8					
	STW4-M	9					
	STW8-M	10					

Product	Code	Tops	Outlet Size	Outlet Type	Water Seal	Overall Height	Flow Rate (l/min)
	STW4-65	1	1½”	Solvent Weld	20mm	65mm	22

Domes & Gratings/Flanges

White Plastic Flange & Grating

- 1. ϕ 70mm
- 2. ϕ 85mm



CP Plastic Flange & Grating

- 3. ϕ 70mm
- 4. ϕ 85mm



CP Brass Flange & Grating

- 5. ϕ 70mm
- 6. ϕ 85mm



White Plastic Mushroom Dome

- 7. ϕ 70mm
- 8. ϕ 85mm



CP Stainless Steel Mushroom Dome

- 9. ϕ 70mm
- 10. ϕ 85mm



STW3-R

19mm water seal



STW4-95

50mm water seal



STW4-R

50mm water seal



Flow Rates

All McAlpine shower traps with top access surpass the minimum required flow rate when tested in accordance with clause 5 of BS EN 274-2:2002.

65

Litres per minute tested under a constant 120mm Head of Water



High Flow Rate

Shower Tray Accessories

Standard Waste

To suit tray with maximum thickness of 22mm.

	<p>White Plastic</p> <hr/> <p>70mm Flange: STW70WH</p> <hr/> <p>85mm Flange: STW85WH</p>
	<p>CP Plastic</p> <hr/> <p>70mm Flange: STW70CP</p> <hr/> <p>85mm Flange: STW85CP</p>
	<p>CP Brass</p> <hr/> <p>70mm Flange: STW70CPB</p> <hr/> <p>85mm Flange: STW85CPB</p>
	<p>GP Plastic</p> <hr/> <p>70mm Flange: STW70GP</p> <hr/> <p>85mm Flange: STW85GP</p>

Long Waste

With grid to suit tray with maximum thickness of 29mm.

	<p>White Plastic</p> <hr/> <p>70mm: STW70WHL</p> <hr/> <p>85mm: STW85WHL</p>
	<p>CP Plastic</p> <hr/> <p>70mm: STW70CPL</p> <hr/> <p>85mm: STW85CPL</p>

Grating Only

For 70/85mm flanges.

	<p>White Plastic</p> <hr/> <p>Code: STWGR-WH</p>
	<p>CP Plastic</p> <hr/> <p>Code: STWGR-CP</p>

Standard Locking Nut

To suit tray with maximum thickness of 22mm.
For use with domed flanges.

	<p>White Plastic</p> <hr/> <p>70mm: STW70LN</p> <hr/> <p>85mm: STW85LN</p>
---	---

Long Locking Nut

To suit tray with maximum thickness of 29mm.
For use with domed flanges.

	<p>White Plastic</p> <hr/> <p>70mm: STW70LNL</p> <hr/> <p>85mm: STW85LNL</p>
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Mushroom Dome

	<p>White Plastic</p> <hr/> <p>70mm: STW70WHM</p> <hr/> <p>85mm: STW85WHM</p>
	<p>CP Plastic</p> <hr/> <p>70mm: STW70SSM</p> <hr/> <p>85mm: STW85SSM</p>

Dip Tubes

To suit STW Trap.

	White Plastic
	19mm water Seal: STW19-TUBE
	50mm water Seal: STW50-TUBE
	80mm Water Seal: STW80-TUBE

Rubber 'O' Ring Seal

To suit STW dip tube.

	Rubber
	1½": P-OR-SHOWERTRAP

Plumbers Mate

Tel: 01323 720368

www.plumbers-mate-sales.co.uk



All McAlpine Spares are available from the Plumbers Mate website



McALPINE

Wet Room Brochure

Visit our [website](http://www.mcalpineplumbing.com) to view our
wet room brochure



www.mcalpineplumbing.com



The only sealant **Tested
and Approved** for use with
McAlpine Plumbing Products

SECTION TWO

02



CD600-B



TSG2T6SS



TILE-PLAIN-B



USG2WH



TSG1-WH

Wet Room Products

McAlpine has been at the **forefront** of developing drainage solutions for all kinds of wet rooms and wet floor areas. In this section you'll find **stylish, yet unobtrusive drainage solutions** for wet rooms. Our products are both **sleek and functional**.

Our Channel Drains are suitable for tiled floors in applications as diverse as **domestic bathrooms, hotels, spas, hospitals and sport and leisure facilities**. Every McAlpine Channel Drain comes complete with body, cover plate, trap with UK outlet and accessories, so **ordering could not be simpler**.



For further **technical information** on any of our products please **visit our website** www.mcalpineplumbing.com

MacXseal

SUPERIOR BONDING, EXCEPTIONAL FLEXIBILITY.

THE ONLY TUBE YOU NEED:

- Easier to tool formula.
- MACXSEAL-WH Whiter than before.
- Bonds and seals to almost any material, Ceramics, Metals, Wood, Concrete, Stone, Glass, Plastics.
- Use inside, outside, in wet or dry conditions.
- Bonds, seals, or fills any surface.
- Paintable, resistant to mould, non-toxic, and solvent-free.
- Available in Brilliant White and Super Clear.



Brilliant White
MACXSEAL-WH

Super Clear
MACXSEAL-CL

MacXseal Product Feature



ANTI-FUNGAL



FAST CURING



HIGH STRENGTH GRAB



BONDS IN THE WET



INTERNAL AND EXTERNAL USE



SOLVENT FREE



PAINTABLE

McAlpine **Shower & Floor Gullies**

PRODUCT BENEFITS:

- Manufactured in **High Quality ABS**, McAlpine Gullies comply to **BS EN 1253-1: 2015** and **BS EN 1253-2: 2015**.
- Flow rates of 48 litres per minute **exceed the minimum requirement** of EN 1253-2:2003 & are variable dependent on the grating or cover plate used.
- Range of Trapped Shower Gullies (TSG) available with **50mm, 60mm & 75mm water seal**, Untrapped Shower Gullies (USG) for use with pumped waste and Valve Shower Gullies (VSG) for use in floors where depth is restricted.
- Choice of **Horizontal or Vertical outlet**.
- All Gullies have top access for **easy cleaning**.



Disclaimer: please note that McAlpine manufactures a wide range of gullies and shower waste traps with various water seals. It is the responsibility of the Installer or specifier to comply with the building regulations regarding trap seal depth. Please check before installation when required to do so.



Gullies for use with Sheet Flooring

Trapped Gullies

Product	Code	Securing Screws	Flow Rate (l/min)	Cover Plate	Outlet Size	Socket Reducer	Water Seal	Overall Depth
	TSG1-WH	✓	53	1	2"	2" x 1½"	75mm	130mm
	TSG1WH-NSC		53	2				
	TSG1SS	✓	50	3				
	TSG1SS-SL-SC	✓	54	4				
	TSG1SS-SL-NSC		54	5				
	TSG1-ANTI/LIG	✓	31	6				
	TSG50WH	✓	51	1	2"	2" x 1½"	50mm	100mm
	TSG50WH-NSC		51	2				
	TSG50SS	✓	48	3				
	TSG50SS-SL-SC	✓	50	4				
	TSG50SS-SL-NSC		50	5				
	TSG50-ANTI/LIG	✓	44	6				
	TSG52WH	✓	51	1	2"	2" x 1½" (and 2" swivel outlet fitting)	50mm	100mm
	TSG52WH-NSC		51	2				
	TSG52SS	✓	48	3				
	TSG52SS-SL-SC	✓	50	4				
	TSG52SS-SL-NSC		50	5				
	TSG52-ANTI/LIG	✓	44	6				
	TSG2WH	✓	>70	1	110mm	110mm x 2"	75mm	130mm
	TSG2WH-NSC		>70	2				
	TSG2SS	✓	>70	3				
	TSG2SS-SL-SC	✓	>70	4				
	TSG2SS-SL-NSC		>70	5				
	TSG2-ANTI/LIG	✓	>70	6				

Cover Plates

1. White Plastic with Screws



2. White Plastic No Screws



3. Polished Stainless Steel



4. Chrome Plated Brass



5. Chrome Plated Brass No Screws



6. Stainless Steel Anti-Ligature



Gullies for use with Sheet Flooring

Untrapped Gullies

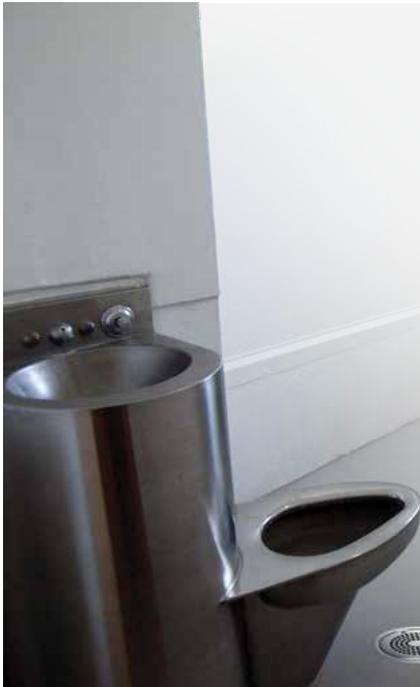
65 = Flow Rate



Product	Code	Securing Screws	Flow Rate (l/min)	Cover Plate	Outlet Size	Socket Reducer	Overall Depth
	USG1WH	✓	10	1	22mm	-	45mm
	USG1WH-NSC			2			
	USG1SS	✓		3			
	USG1SS-SL-SC	✓		4			
	USG1SS-SL-NSC			5			
	USG2WH	✓	68	1	2"	2" x 1½"	71mm
	USG2SS	✓		3			
	USG2SS-SL-SC	✓		4			
	USG2SS-SL-NSC			5			
	USG3WH	✓	65	1	1½"	-	71mm
	USG3SS	✓		3			
	USG3SS-SL-SC	✓		4			
	USG3SS-SL-NSC			5			

Benefits of **Anti-Ligature** Gullies

- Shower gullies with anti-ligature grating have been designed for **use in secure accommodation**
- Grating is **home office approved**
- All gullies **supplied with security screwdriver bit** to release anti-ligature grating





The only sealant **Tested and Approved** for use with **McAlpine Plumbing Products**



Gullies for use with Tiled or Stone Floors

Trapped Gullies

Product	Code	Securing Screws	Flow Rate (l/min)	Tile Grating	Outlet Size	Socket Reducer	Water Seal	Overall Depth
	TSG1T6SS	✓	55	A	2"	2" x 1½"	75mm	130mm
	TSG1-T150SS		55	B				
	TSG1T6WH		55	C				
	TSG1-R125SS		57	D				
	TSG50T6SS	✓	53	A	2"	2" x 1½"	50mm	100mm
	TSG50-T150SS		54	B				
	TSG50T6WH		53	C				
	TSG50-R125SS		54	D				
	TSG52T6SS	✓	53	A	2"	2" x 1½" (and 2" swivel outlet fitting)	50mm	100mm
	TSG52-T150SS		54	B				
	TSG52T6WH		53	C				
	TSG52-R125SS		54	D				
	TSG2T6SS	✓	>70	A	110mm	110mm x 2"	75mm	130mm
	TSG2-T150SS		>70	B				
	TSG2T6WH		>70	C				
	TSG2-R125SS		>70	D				

Tiles & Gratings

A. 150mm Square Polished Stainless Steel



B. 150mm Square Polished Stainless Steel No Screws



C. 150mm Square White ABS



D. 125mm Circular Polished Stainless Steel



Gullies for use with Tiled or Stone Floors

65 = Flow Rate



Untrapped Gullies

Product	Code	Securing Screws	Flow Rate (l/min)	Tile Grating	Outlet Size	Socket Reducer	Overall Depth
	USG1T6SS	✓	10	A	22mm	-	45mm
	USG1-T150SS		10	B			
	USG2T6SS	✓	68	A	2"	2" x 1½"	71mm
	USG2-T150SS		68	B			
	USG3T6SS	✓	65	A	1½"	-	71mm
	USG3-T150SS		65	B			



The only sealant **Tested and Approved** for use with **McAlpine Plumbing Products**

Gullies with Non-Return Valve

65 = Flow Rate

VSG Gullies for use with Sheet Flooring

Product	Code	Securing Screws	Flow Rate (l/min)	Cover Plate	Outlet Size	Overall Depth
 30	VSG1WH	✓	30	1	1½"	75mm
 30	VSG1WH-NSC		30	2	1½"	85mm
 30	VSG52WH	✓	30	1	1½"	75mm
 30	VSG52SL-WH		30	1	1½"	59mm or 81mm

VSG Gullies for use with Tiled or Stone Floors

Product	Code	Securing Screws	Flow Rate (l/min)	Tile Grating	Outlet Size	Overall Depth
 30	VSG1T6SS	✓	30	A	1½"	75mm
 30	VSG52T6SS	✓	30	A	1½"	85mm
 30	VSG52SL-T6SQ-B		30		1½"	59mm or 81mm

1. White Plastic



2. White Plastic No Screws



A. 150mm Square Polished Stainless Steel



Gullies with Non-Return Valve

McAlpine Gullies with Non-Return Valve

Product shown is for sheet flooring installation only.



The only sealant **Tested and Approved** for use with McAlpine Plumbing Products

Top Access Shower Traps for use with Wet Rooms

 = Flow Rate

Top Access Shower Traps for use with Sheet Flooring

Product	Code	Securing Screws	Flow Rate (l/min)	Cover Plate	Outlet Size	Water Seal	Overall Depth
	TSG1WH-STW1R	✓	35	1	1½ Compression	19mm	138mm
	TSG1WH-STW2R'	✓	37	1	1½ Compression	50mm	167mm

Top Access Shower Traps for use with Tiled or Stone Floors

Product	Code	Securing Screws	Flow Rate (l/min)	Tile Grating	Outlet Size	Water Seal	Overall Depth
	TSG1T6SS+STW1-R	✓	35	A	1½ Multifit	19mm Shallow Seal	138mm
	TSG1T6SS-STW2R'	✓	37	A	1½ Multifit	50mm	167mm

Cover Plates & Tiles

1. White Plastic

A. 150mm Square Polished Stainless Steel



1. All top access shower traps are resealing.

Product	Code	Description
	FGTOP6SS	150mm Square Polished Stainless Steel Tile with removable grid and securing screws. Tile has ABS spigot adaptor for solvent welding to clamp ring.
	FGT150TOP	150mm Square Polished Stainless Steel Tile with removable grid. Tile has a removable ABS spigot adaptor for solvent welding to clamp ring leaving a rubber gasket to fit inside 110mm pipe.
	MDTOP-WH	150mm Square White ABS Tile with removable grid. Tile has spigot adaptor for solvent welding to clamp ring.
	MDTOP20-WH	200mm Square White ABS Tile with removable grid. Tile has spigot adaptor for solvent welding to clamp ring.
	FGTR125TOP	125mm Diameter Polished Stainless Steel Grating with removable grid. Grating has a removable ABS spigot adaptor for solvent welding to clamp ring leaving a rubber gasket to fit inside 110mm pipe. Suitable for stone shower bases.



The only sealant **Tested and Approved** for use with **McAlpine Plumbing Products**

Gullies suitable for Concrete Ground Floors where Waterproofing Membrane is not required.

Product	Code	Description
	MD100	Multi-Drain - 60mm Water Seal Trapped Floor Gully with 2"/3" solvent weld horizontal outlet. Height can be extended by solvent welding length of 110mm PVC pipe between gully body and tile. Inlet connections are for solvent welding to 1 1/2" ABS/PVC pipe, internal fit or 2" ABS/PVC pipe, external fit. Overall height 152mm.
	MD100-3	Multi-Drain - 60mm Water Seal Trapped Floor Gully with 3" solvent weld horizontal outlet. Height can be extended by solvent welding length of 110mm PVC pipe between gully body and tile. Inlet connections are for solvent welding to 1 1/2" ABS/PVC pipe, internal fit or 2" ABS/PVC pipe, external fit. Overall height 152mm.
	MD200	Multi-Drain Inlet Fitting 2" solvent weld x 2" compression.
	MD400	Multi-Drain Outlet Fitting 3" x 110mm solvent weld.



McALPINE Kneepads

Pain Relief For Knees That Work

Stop Your Knees From Being a Pain

75% of plumbers have knee problems
(IPG survey)

Powered by



Redbacks
Cushioning

For more info:
www.mcalpinekneepads.com

Conversion Kits 75mm Water Seal

Conversion Kits from Tiled to Sheet Flooring 75mm Water Seal



Conversion Kits from Sheet to Tiled Flooring 75mm Water Seal



	<p>Converts any TSG1 or TSG2 to sheet flooring gully with dip tube CP brass clamp ring, CP Stainless Steel grated cover plate without securing screws.</p> <p>Code: FGTR118TOP</p>
	<p>Converts any TSG1 or TSG2 Gully to a sheet flooring gully with dip tube, White plastic clamp ring, white plastic cover plate with securing screws.</p> <p>Code: TSGCONTV</p>
	<p>Converts any TSG1 or TSG2 Gully to a sheet flooring gully with dip tube, polished Stainless Steel clamp ring, cover plate and dip tube.</p> <p>Code: TSGCONTVSS</p>

	<p>Converts any TSG1 or TSG2 Gully to a tiled floor gully with white ABS clamp ring 150mm polished Stainless Steel tile with removable grid securing screws and dip tube.</p> <p>Code: TSGCONVSS</p>
	<p>Converts any TSG1 or TSG2 Gully to a tiled floor with White ABS clamp ring, 150mm Sq White tile with removable grid and dip tube.</p> <p>Code: TSGCONV</p>



Conversion Kits 50mm Water Seal

Conversion Kits from Tiled to Sheet Flooring 50mm Water Seal



Conversion Kits from Sheet to Tiled Flooring 50mm Water Seal



	<p>Converts any TSG50 or TSG52 Gully to a Sheet flooring gully with dip tube, CP brass clamp ring, CP Stainless Steel grated coverplate with securing screws.</p> <p>Code: FGTR118TOP-50</p>		<p>Converts any TSG50 or TSG52 Gully to a tiled floor gully with white ABS clamp ring 150mm polished Stainless Steel tile with removable grid securing screws and dip tube.</p> <p>Code: TSGCONVSS-50</p>
	<p>Converts any TSG50 or TSG52 Gully to a sheet flooring gully with dip tube, white plastic clamp ring, white plastic cover plate with securing screws.</p> <p>Code: TSGCONTV-50</p>		<p>Converts any TSG50 or TSG52 Gully to a tiled floor with White ABS clamp ring, 150mm Sq White tile with removable grid and dip tube.</p> <p>Code: TSGCONV-50</p>
	<p>Converts any TSG50 or TSG52 Gully to a sheet flooring gully with polished Stainless Steel clamp ring, cover plate and dip tube.</p> <p>Code: TSGCONTVSS-50</p>	<h2>Conversion Coverplate with 1 1/2" Compression Inlet</h2> <p>For use with TSG1, TSG2, TSG50 and TSG52 shower gullies for sheet flooring. Used to seal off gully or to convert to a drain connection to allow for installation of a bath waste.</p> <p>Code: CPTSG</p>	

Tile with **Non-Return Valve**

PRODUCT BENEFITS:

- Suitable for **wet floor areas** where 4"/110mm drainage pipework has been installed to the finished floor level and **no waterproofing membrane is required**
- The internal non-return valve **prevents foul air entering** the building
- The 150mm square tile can be fitted on a **trapped or untrapped drain**
- **Ideal for replacement** on problem systems
- Push-fit or solvent weld spigot suitable for direct connection to **4"/110mm** drainage pipework
- Valve **easily removed for cleaning** and maintenance work
- **Mesh Hair Filter integrated**



FGT150-SV-110



FGT150-SV-110

150mm square stainless steel tile with silicone **non-return valve** and removable grid including **removable stainless steel mesh filter**

FGT150-SV-110S



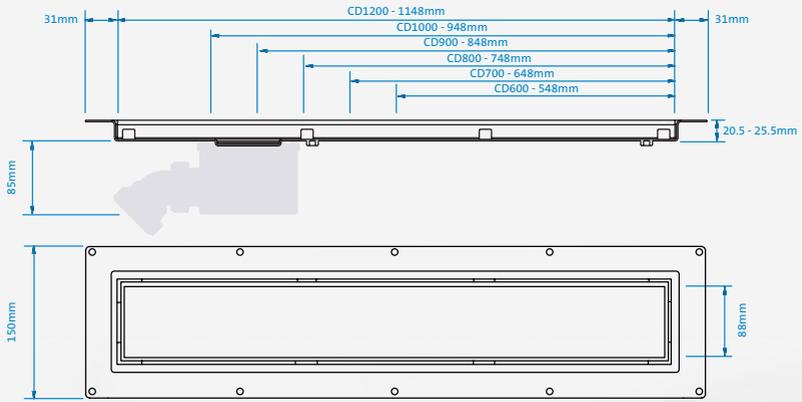
FGT150-SV-110S

150mm square stainless steel tile with silicone **non-return valve** and securing screws - **ABS solvent weld connection.**



The only sealant **Tested and Approved** for use with **McAlpine Plumbing Products**

Channel Drains



Channel Drains



The only sealant **Tested and Approved** for use with McAlpine Plumbing Products



Standard Channel Drain with Brushed Stainless Steel Cover Plate

CD600-B	548mm
CD700-B	648mm
CD800-B	748mm
CD900-B	848mm
CD1000-B	948mm
CD1200-B	1148mm



Standard Channel Drain with Brushed Grid Finish Stainless Steel Cover Plate

CD600-SQ	548mm
CD700-SQ	648mm
CD800-SQ	748mm
CD1000-SQ	948mm
CD1200-SQ	1148mm



Standard Channel Drain with Polished Stainless Steel Cover Plate

CD600-P	548mm
CD700-P	648mm
CD800-P	748mm
CD900-P	848mm
CD1000-P	948mm
CD1200-P	1148mm



Sleek and functional, McAlpine **Channel Drains** for sheet floors, available in 3 lengths

CD600-VL	548mm
CD800-VL	748mm
CD1000-VL	948mm



Scan here to view our Installation video or visit our website

www.mcalpineplumbing.com



Slimline Channel Drains



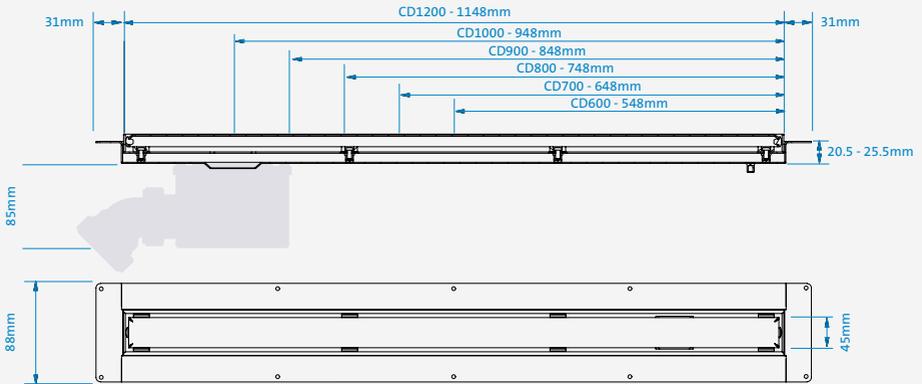
Slimline Channel Drain with Brushed Stainless Steel Cover Plate

CD600-O-B	548mm
CD700-O-B	648mm
CD800-O-B	748mm
CD900-O-B	848mm
CD1000-O-B	948mm
CD1200-O-B	1148mm



Slimline Channel Drain with Polished Stainless Steel Cover Plate

CD600-O-P	548mm
CD700-O-P	648mm
CD800-O-P	748mm
CD900-O-P	848mm
CD1000-O-P	948mm
CD1200-O-P	1148mm



Channel Drain Overview

The McAlpine range of quality channel drains is available in **six cover lengths** - from **548mm to 1148mm**.

All can be reversed to fit tiles **up to 8mm thick** to match the surrounding floor.

Tile Drain for Wet Floor Areas

- Tiles **suitable for 50mm water seal** traps as illustrated
- Tiles supplied with **brushed or polished finish**. All in grade **304 stainless steel**
- Tiles reversible to accommodate tiles **up to 8mm**
- Tile frame dimension **150mm square**
- Frame **height adjustable** to suit tiles up to 16mm
- Supplied with **adjustable height support legs for concrete floor** installations



ST90-70B & TILE-PLAIN-B
Exploded view

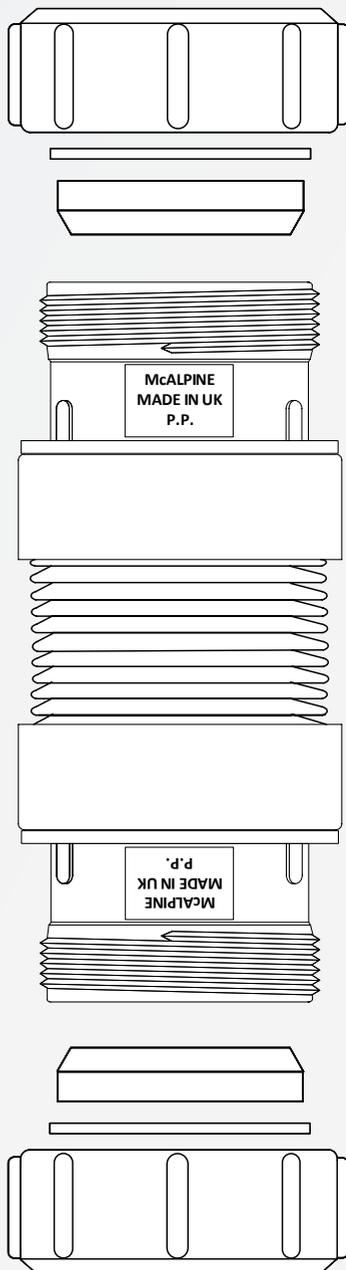
	
Code:	TILE-PLAIN-B
	
Code:	TILE-PLAIN-P

	<p>Trap Body with 1 1/2" Multifit outlet. Adjustable height 105-168mm. Flow rate 34 l/min</p>
Code:	ST90-70B
	<p>Trap Body 2" Vertical compression outlet. Adjustable height Flow rate 50 l/min</p>
Code:	ST90-VB
	<p>Trap Body with 2" Multifit outlet. Adjustable height 120-168mm. Flow rate 50 l/min</p>
Code:	ST90-HPB

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for full technical information on
all our products



SECTION THREE

03



BOSS110CAST-BL



ST90-OUT



MINIFLEX-1



ABS32/35A-CB

S28M-NRV



For further **technical information** on any of our products please **visit our website** www.mcalpineplumbing.com

Plastic & Chrome Fittings

When you need a plastic or chrome waste fitting that is **guaranteed to be of the highest quality** you need to pick products from a company whose reputation has been based on **Quality, Innovation and Simplicity**.

We don't compromise on quality and we are proud that we have been **providing solutions for the trade for well over a century**. In this section you'll find Multifit Fittings, Flexible Waste Fittings, Chrome Plated Brass Waste Pipes, Drain and Boss connectors, as well as our MacFlash Aluminium Roof Flashing.

Multifit Fittings

MADE IN BRITAIN



Made in Britain

All our Multifit Fittings are Made in Britain. **Quality Guaranteed.** Black Multifit products now available - see page 12.



Product	Description	1½" Code	1½" Code	2" Code
	Straight Connector	S28M	T28M	Z28M
	Adjustable Straight Connector	MS18E	MT18E	MZ18E
	Reducing Connector 1½" x 1¼"	-	ST28M	-
	Straight Connector Multifit x Plain End	MS18L	MT18L	-
	Straight Connector Pushfit x Solvent Weld	S18-ABS	T18-ABS	-

Multifit Fittings

Product	Description	1¼" Code	1½" Code	2" Code
	90° Bend	MS4	MT4	MZ4
	135° Bend	MS20	MT20	MZ20
	90° Bend Multifit x Plain End	MS4L	MT4L	MZ4L
	135° Bend Multifit x Plain End	MS20L	MT20L	MZ20L
	Swept Tee	V8M	V1M	V15M
	Slip Tee	-	V1MX	-
	Reducer For Fittings 1½" x 1¼"	-	T12M	-
	2" x 1¼"	-	-	ZS26L
	2" x 1½"	-	-	ZT26L
	Reducer For Fittings 2" X 19/23mm	-	-	TUN-2

Multifit Fittings

Product	Description	1¼" Code	1½" Code	2" Code
	Straight Connector Multifit x BSP coupling nut	S29-LN	T29-LN	-
	Straight Connector Multifit x BSP Female Thread	S29	T29	Z29
	Straight Connector Multifit x BSP male thread	S31M	T31M	-
	90° Bend Multifit x BSP coupling nut	S5M	T5M	Z5M
	90° Bend BSP male thread x BSP coupling nut	S1	T1	Z1
	95° Bend Multifit x BSP coupling nut	S5M-A	T5M-A	-
	135° Bend	-	ST90-OUT	-
	Multifit Tank Connector	S11M	T11M	Z11M
	Multifit Bent Tank Connector	MS4-TANK	MT4-TANK	MZ4-TANK

Multifit Fittings

Product	Description	1¼" Code	1½" Code	2" Code
	BSP Coupling BSP coupling nut x solvent weld connection	S25	T25	-
	Reducer in ABS Solvent Weld plain tail x 19/23mm	R16	R17	-
	Rubber Reducer 1¼" x 1"/28mm	T12R	-	-
	Blanking Cap For waste pipe with compression connection	S23U	T23U	Z23U
	Blanking Cap For Multifit fittings	S23M	T23M	Z23M
	Synthetic Rubber Cap For waste pipe	S23MR	T23MR	Z23MR
	Blank Cap With nut for BSP threads	S23	T23	Z23
	2" Caulking Ferrule	S21A	T21A	Z21A

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Horizontal Non-Return Valves

Product	Description	1¼" Code	1½" Code	2" Code
	In-Line Non-Return Valve Compression connections comes with top access for cleaning	S28M-NRV	T28M-NRV	Z28M-NRV
	In-Line Non-Return Valve Solvent Weld connections comes with top access for cleaning	-	-	Z28M-NRV5
	In-Line Connector with Filter-Top Access Compression connection x ABS plain spigot	-	T28M-FIL	-

Flexible Connections

Fixed Length Flexible Connectors

Product	Code	1¼"	1½"	Solvent Weld Spigot	Length Overall/Effective	Type
	FLEXCON1	✓		✓	495mm / 391mm	Compression x Solvent Weld Spigot
	FLEXCON2		✓	✓		
	FLEXCON2-LN		✓			Compression x BSP Loose Nut

McAlpine Flexible connections offer maximum flexibility where its required



- Use to solve problems where **flexibility** is needed.
- Manufactured in **high quality Polypropylene**.
- Available in **Compression, BSP & Plain spigot**.
- Plain spigot suitable for Solvent Welding to pipe **BS EN 1329-1: 2020**.

Flexible Fittings

Expandable Length Flexible Fittings

Product	Code	1¼"	1½"	2"	Length Open/Closed	Type
	FLEXCON3	✓			165mm / 250mm	Compression x Compression
	FLEXCON4		✓			
	FLEXCON7			✓		
	FLEXCON5	✓			165mm / 250mm	Compression x Solvent Weld Spigot
	FLEXCON6		✓			
	FLEXCON8			✓		
	FLEX-JKS	✓			195mm / 370mm	BSP Male Thread x BSP Loose Nut
	FLEXCON9		✓		260mm / 530mm	BSP Male Thread x BSP Loose Nut
	FLEXCON-ISO		✓		147mm / 417mm	1½"x 40mm ABS Solvent Weld Adaptor

Short Miniflex Flexible Connectors

Product	Code	1¼"	1½"	Solvent Weld Spigot	Length Open/Closed	Type
	MINIFLEX-1	✓			65mm / 125mm	Compression x Compression
	MINIFLEX-2		✓		65mm / 125mm	Compression x Compression
	MINIFLEX-4	✓		✓	65mm / 125mm	Compression x Plain Spigot
	MINIFLEX-5		✓	✓	65mm / 125mm	Compression x Plain Spigot

The **Miniflex**

The Miniflex is ideal for repair work!
Watch how Fred makes the Miniflex go
from **0-90 in seconds**.



 [Catch Fred on our YouTube Channel](#)



Product	1¼" Code	1½" Code	Length	BSP Coupling
	S12A-1	T12A-1	1"	✓
	S12A-2	T12A-2	2"	✓
	S12A-3	T12A-3	3"	✓

BSP Female x BSP Male Couplings

Product	Type	Size	1¼" Code	1½" Code
	Euro to UK Waste Adaptor		S12A-F	T12A-F
	Trap Inlet Reducer	1¼" x 1"	S16	-
		1½" x 1¼"	-	T16
	BSP Coupling	1¼" x 1"	S12C	-
		1" x ¾"	S12D*	-
	BSP Coupling Waste Outlet Reducer	1½" x 1¼"	-	T12
	BSP Coupling	1¾" x 1½"	-	T12B
		2" x 1½"	-	T12C
		2" x 1¼"	-	T12D
		1½" x 1"	-	T12H
	BSP Coupling	1½" x 2"	-	T12E
	Pipe Clip For floor mounted discharge pipe installations	1½"	-	T30-CLAMP
	Stackable Gradient Spacer For use with T30-CLAMP allowing for a fall of varying degrees		-	T30-SPACER

*S12D has no inlet washer

European Adaptors



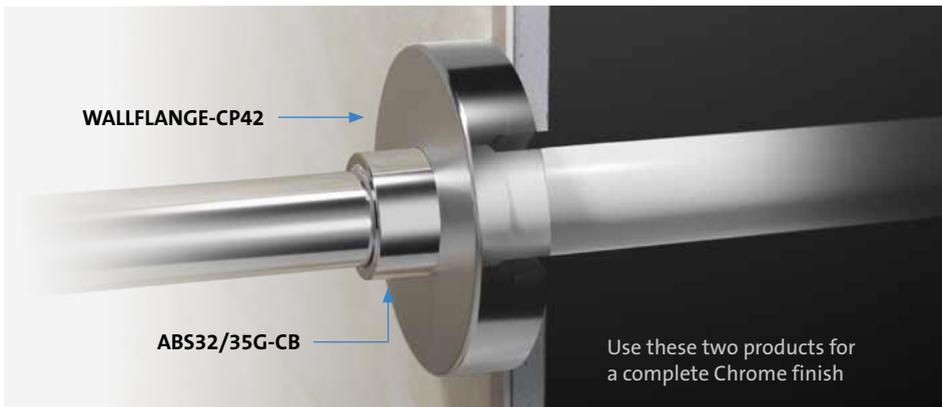
European sizes shown in brackets

Product	Type	Connection	1¼" Code	1½" Code	2" Code
	Straight Connector	Multifit x European	S28L-ISO (32mm) ST28L-ISO (40mm)	T28L-ISO (40mm) -	Z28L-ISO (50mm) -
	90° Bend	Multifit x European	M54-ISO (32mm)	MT4-ISO (40mm)	MZ4-ISO (50mm)
	90° Bend	Multifit x 32mm European ring seal pushfit	MS4-32MM	-	-
	90° Bend	ABS solvent weld x 32mm European ring seal pushfit	MS4-32SOLVENT	-	-

Chrome Plated Brass Waste Pipe & Fittings

Product	Description	1¼" Code	1½" Code
	1m length of Brass Pipe	PIPE35-1000-CB	PIPE42-1000-CB
	Pipe Clip	S35-CP	T42-CP
	Compression Straight Connector	35G-CB	42G-CB
	90° Compression Bend	35A-CB	42A-CB

Product	Description	1¼" Code	1½" Code
	135° Compression Bend	35B-CB	42B-CB
	Compression Tee		42E-CB
	Blanking Cap		40K-CB
	Wall Flange	WALLFLANGE-CP35	WALLFLANGE-CP42
	Synthetic Rubber Seal Reducers	R/SEAL-35X32	R/SEAL-42X35 R/SEAL-42X32
	ABS Solvent Weld Adaptor to convert above fittings to solvent weld waste pipe	ABSCON-35X1.25 (UK fittings) ABSCON-32X1.25 (Euro fittings)	ABSCON-42X1.5 (UK fittings) ABSCON40x1.5 (Euro fittings)

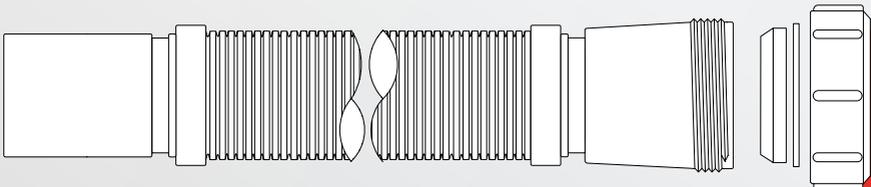


Chrome to Solvent Adaptors

Product	Code	Type	Inlet	Outlet	Finish
	ABS32/35A-CB	90 deg bend	32/35mm compression	1¼" ABS Solvent Weld	Chrome
	ABS42/43A-CB		42/43mm compression	1½" ABS Solvent Weld	Chrome
	ABS32/35A-CB-L	90 deg bend (elongated)	32/35mm compression	1¼" ABS Solvent Weld	Chrome
	ABS32/35G-CB	Straight	32/35mm compression	1¼" ABS Solvent Weld	Chrome
	ABS42/43G-CB		42/43mm compression	1½" ABS Solvent Weld	Chrome
	ABS32/35G-BB	Straight	32/35 mm compression	1¼" ABS Solvent Weld	Brushed Brass
	ABS32/35G-MB	Straight	32/35 mm compression	1¼" ABS Solvent Weld	Matt Black Brass

Visit Our Website

For further technical information on our Plastic & Chrome Fittings please visit our website.



www.mcalpineplumbing.com

Finned seal spigot for internal connection to cast iron, plastic or clay **4"/110mm pipe**

Product	Code	Size	Colour	Type	Socket/Sealing Ring
	DC1-BL	4"/110mm		Straight	4"/110mm 'O' Seal
	DC1-GR	4"/110mm		Straight	4"/110mm 'O' Seal
	DC1BL-OS	4"/110mm		14mm Offset	4"/110mm 'O' Seal
	DC1GR-OS	4"/110mm		14mm Offset	4"/110mm 'O' Seal
	DC1-BL-BO'	4"/110mm		Straight 1/2" Boss	4"/110mm 'O' Seal
	DC1-GR-BO'	4"/110mm		Straight 1/2" Boss	4"/110mm 'O' Seal
	DC90-BL	4"/110mm		90° bend	4"/110mm 'O' Seal
	DC90-GR	4"/110mm		90° bend	4"/110mm 'O' Seal

1. Should only be fitted on the ground floor due to a reduction in the internal outlet diameter of the boss pipe connector

Drain Connectors

Product	Code	Size	Colour	Type	Socket/Sealing Ring
	DC2-BL	4"/110mm	●	-	1¼" or 1½" Reducer
	DC3-BL	4"/110mm	●	-	2" Reducer
	DC2BL-OS	4"/110mm	●	-	1¼" or 1½" Offset Reducer
	DC3BL-OS	4"/110mm	●	-	2" Offset Reducer
	DC4-BL	4"/110mm	●	-	4"/110mm Blank
	CAP100	4"/110mm	●	-	4"/110mm Blank

Boss Connectors

Simple dry fixing mechanical connector **saves time and hassle** over traditional strap on boss connectors.



Condensate Boss Connectors

All condensate boss connectors come with a fixing tool. Suits 22mm hole saw size, for condensate discharge only.

Product	Code	Colour	Soil Pipe Size	Waste Pipe Size
	BOSS110CAST-BL	●	4"/110mm	1¼"
	BOSS110TCAST-BL		4"/110mm	1½"
	BOSS90CAST-BL		3½"/90mm	1¼"
	BOSS90TCAST-BL		3½"/90mm	1½"
	BOSS82CAST-BL		3"/82mm	1¼"
	BOSS82TCAST-BL		3"/82mm	1½"

Mechanical Soil Pipe Boss Connectors

All mechanical soil boss connectors come with a fixing tool. Suits 57mm hole saw size, suitable for waste water and condensate discharge.

Product	Code	Colour	Soil Pipe Size	Waste Pipe Size
	BOSSCONN110-BL	●	4"/110mm	1¼"
	BOSSCONN110T-BL		4"/110mm	1½"
	BOSSCONN110Z-BL		4"/110mm	2"
	BOSSCONN82-BL		3"/82mm	1¼"
	BOSSCONN82T-BL		3"/82mm	1½"
	BOSSCONN82Z-BL		3"/82mm	2"
	BOSSCONN110-GR	●	4"/110mm	1¼"
	BOSSCONN110T-GR		4"/110mm	1½"
	BOSSCONN110Z-GR		4"/110mm	2"
	BOSSCONN82-GR		3"/82mm	1¼"
	BOSSCONN82T-GR		3"/82mm	1½"
	BOSSCONN82Z-GR		3"/82mm	2"

Mechanical Soil & Rainwater Boss Connectors

Product	Code	Colour	Soil Pipe Size	Pipe Size
	BOSSCONN1.25BL	●	Any soil/rainwater pipe	1¼"
	BOSSCONN1.25GR	●	Any soil/rainwater pipe	1¼"

Product	Code	Colour	Type
	R16-BL	●	Reducer in ABS 1¼" Solvent Weld plain tail x 19/23mm compression
	R16-GR	●	Reducer in ABS 1¼" Solvent Weld plain tail x 19/23mm compression

Product	Code	Colour	Soil Pipe Size	Pipe Size
	BOSSCONN-22MM	○	Any soil/rainwater pipe	19/23mm



MacFlash Product Benefits

 **Quickly and easily installed** offering cost saving in material and labour against traditional lead roof slates

 Manufactured in **high grade aluminium** with a die-formed synthetic rubber collar

 Suitable for flat roofs and roof pitches **up to 45 degrees**

 Can be **used with flue pipes** for condensing boilers

 Special corrugations that can be **easily dressed** to form a seal



Product	Code	Normal Pipe Size	Base Measurements
	RS1	4"/110mm	18" x 18"
	RS3	4"/110mm	24" x 24"
	RS4	3"/75mm	18" x 18"
	RS7	2"/50mm	18" x 18"

M^cALPINE

CODE: **MACTUN-1** | **MACTUN-2**



Introducing the **Mactun Tundish**

The only combined tundish and non-return valve with a silicone membrane seal ensuring it will not be affected in hard water areas

The Mactun Tundish incorporates a **self closing membrane** which opens to allow the discharge to flow freely and then closes to form a seal to **prevent foul odour or sewer gas entering the building** when installed into a waste or soil pipe.

Product Benefits

- **Will not splash**
- TEMP RATING : **100°C**
- **Suitable for** all Cylinder, Boiler, PRV, Water Heater and Air Conditioning discharge
- **WRAS & KIWA** Approved
- Membrane can be **removed for maintenance** and servicing, if required



Tundish with Non-Return Valve



SECTION FOUR

04



Overflow Pipe, Fittings & Condensate Products

A Gas Fitter called our Mactun Tundish 'a neat little item, that does the job a treat, and at a great price'. Suffice to say we believe all our products could be described this way.

If it's worth doing a job well then use the best quality products. Our plastic overflow pipes and fittings, including the Mactun Tundish and the MACVALVE-3 are great products that have been developed for **ease of install** and **peace of mind every time**.



For further **technical information** on any of our products please **visit our website**
www.mcalpineplumbing.com

Tundishes

Product	Code	Outlet	Inlet
	MACTUN-1' Tundish and Non-Return Valve	22mm compression	15mm compression
	MACTUN-2' Tundish and Non-Return Valve	1¼" compression	15/22mm compression
	TUN-1	¾" pushfit	-
	TUN-2	19/23mm compression	-
	TUN-3	19/23mm compression	Side
	TUN-4	19/23mm compression	¾" loose nut
	TUN-6	1¼" compression	19/23 compression

1. Incorporates non-return valve

Non-Return Valves

These NRV's can only be installed in a vertical position

Product	Code	Outlet	Inlet	Colour
	TUNVALVE Visible Non-Return Valve	19/23mm compression	3/4" female threaded	
	TUN5-CL Visible Non-Return Valve	19/23mm compression	19/23mm compression	
	R28-NRV For water back flow. Not an airtight seal.	19/23mm compression	19/23mm compression	
	CONVALVE	19/23mm compression	19/23mm compression	
	CONVALVE-125	1 1/4" compression	1 1/4" compression	
	CONVALVE-125P	1 1/4" compression	1 1/4" plain tail	

Condensate Products

Product	Code	Outlet	Inlet
	CONFLEX-300¹	19/23mm compression	19/23mm compression
	CONFLEX-KIT1²	1½" ABS	19/23/25mm compression
	SOAK1GR	1¼" or 1½"	19/23mm or 1¼" ³
	CLAMP1GR	1¼" or 1½"	19/23mm compression
	CLAMP1WH	1¼" or 1½"	19/23mm compression
	V1MX-CO Slip Tee	1½" x 1½"	19/23mm compression
	R16	1¼" plain tail ABS solvent weld reducer	19/23mm compression
	R17	1½" plain tail ABS solvent weld reducer	19/23mm compression

1. Supplied with 25mm conversion washers | 2. See contents of kit on next page | 3. 1¼" or 1½" top/side inlet supplied with 1 x 1¼" plain tail ABS solvent weld reducer to 19/23mm.

CONFLEX-KIT1

- For use in installation of **condensing boilers**
- Eliminate use of traditional rigid discharge pipe and fittings thereby allowing **complete flexibility to discharge point**
- **Allows for disconnection in freezing conditions** for discharge to be redirected into a receptacle
- Conforms to **BS 6798: 2014** and Building Regulations Approved Document H



Contents of kit are 1 x 3m length of 25mm flexible pipe, 6 x 25mm pipe clips, 2 x straight connectors with universal connections suitable for 19/23mm rigid and 25mm flexible pipe, 1 x 1½" plain tail ABS solvent weld reducer to 19/23mm rigid and 25mm flexible pipe

Water Storage Cistern Fittings

Product	Description	¾" Code	1" Code	1¼" Code	1½" Code	2" Code
	Complete Screened Tank Overflow Connector with quick release filter - standard model	R30	H28	R40	R45	-
	Complete Screened Tank Overflow Connector with quick release filter - extended model	R30E	-	R40E	R45E	-
	Screened Tank Breather with compression connection to pipe	R31	-	SWLFBR	TWLFBR	ZWLFBR
	Screened Breather/Filter with compression connection to pipe	R32	-	-	-	-
	Tank Lid Adaptor For expansion pipe	R33	-	-	-	-
	Tank Connector	R4M	H11M	S11M	T11M	Z11M

Water Storage Cistern Fittings

Product	Description	¾" Code	1" Code	1¼" Code	1½" Code	2" Code
	In-Line Screened/Filter Pipe Coupling	RWILF	HWILF	SWILF	TWILF	ZWILF
	Screened Breather/Filter/Frost Cover with compression connection to pipe	-	-	SWLFCV	TWLFCV	-
	Frost Protection Dip Tube Bend Connect pipe to provide length of dip tube required	-	-	S5	T5	-
	Complete ¾" BL30 Kit comprising R30, R31, R33	BL30-3/4	-	-	-	-

Water Storage Cistern Fittings



McALPINE
Kneepads

Redbacks®
Cushioning

“It’s like kneeling on little clouds of joy all day”

CUSTOMER REVIEW

Pain Relief For Knees That Work

For more info:
www.mcalpinekneepads.com

Product	Description	19/23mm Compression	¾” Pushfit
	HDPE Overflow Pipe (3m)	-	R-3M
	Straight Connector	R1M	R1
	Straight Connector with 25mm washers	-	R1M-CO ¹
	90° bend	R2M	R2
	135° bend	R2AM	R2A
	Tee	R3M	R3
	Straight Tank Connector	R4M	R4
	Blanking Cap	R23U	-
	Bent Tank Connector	R5M	R5
	Straight Female Coupling (fixed nut)	-	R6

1. For 25mm Flexible Pipe. Please note that pushfit codes products all have threaded fittings - not shown in the image.

¾" Overflow Pipe & Fittings

Product	Description	19/23mm Compression	¾" Pushfit
	Straight Female Coupling (loose nut)	-	R6A
	Straight Female Coupling (fixed nut for male BSP outlet to pushfit conversion)	-	R7
	90° Female Coupling (loose nut)	-	R8A
	ABS Adaptor (19mm to 23mm OD)	-	R13

MADE IN
BRITAIN

Made in Britain

All our Overflow Pipes, Fittings & Condensate Products are Made in Britain.

Quality Guaranteed.



Product	Description	1¼"	1½"	2"
	HDPE Waste Pipe (3m)	HD1-3M	HD2-3M	HD3-3M
	Pipe Clip	S30	T30	Z30
	90° Bend	S4A	T4A	-
	90° Knuckle Bend	S4E	T4E	-
	90° Bend x BSP coupling nut	S5	T5	-
	Straight Connector	S18	T18	-
	Adaptor	S7	T7	-
	BSP Nut	S8A	T8A	-
	BSP Screwed Adaptor	S9	T9	-



Visit Our Website

For further technical information on **Overflow Pipes & Fittings** please visit our website
www.mcalpineplumbing.com

Standing Wastes

All standing waste stand pipes are 18" high and have a 70mm flange. Supplied with backnut and washers.

Product	Code	Size	Tail Length
	SWL-18	1¼"	3½"
	TWL-18	1½"	3½"
	SWS-18	1¼"	1½"
	TWS-18	1½"	1½"

Tank Overflow (Unslotted Waste without Grid)

70mm flange. Supplied with backnut and washers.

Product	Code	Size	Tail Length
	W10	1¼"	3½"
	W20	1½"	3½"
	W11	1¼"	1½"
	W21	1½"	1½"

MacValve-3



No water seal so it can **never dry out** through evaporation or lack of use of an appliance as the membrane remains sealed



Membrane opens under water pressure to allow discharge to flow freely and then closes to form a seal to **prevent foul odour or sewer gas entering the building**



Can be fitted in **horizontal or vertical** position



The Tundish adaptor can be cut to give a **22mm plain tail**

Refer back to listing p27/28

MACVALVE
-3



⚠ Not Suitable for High Level Cisterns.

Product	Code	Type	Connections
	V33T	1¼"	1½" BSP nut x 1¼" compression x 19/23mm compression
	V33T-FP	1¼"	1¼" x 1¼" compression x 19/23mm compression
	V33S-22	1½"	BSP nut x BSP thread x compression

Condensation Trap

- Straight socket connector for ducting
- Provides internal trap/diverter to collect condensation
- 19/23mm overflow connection

Product	Code	Type
	CONTRAP1	110mm
	CONTRAP2	125mm
	CONTRAP3	160mm

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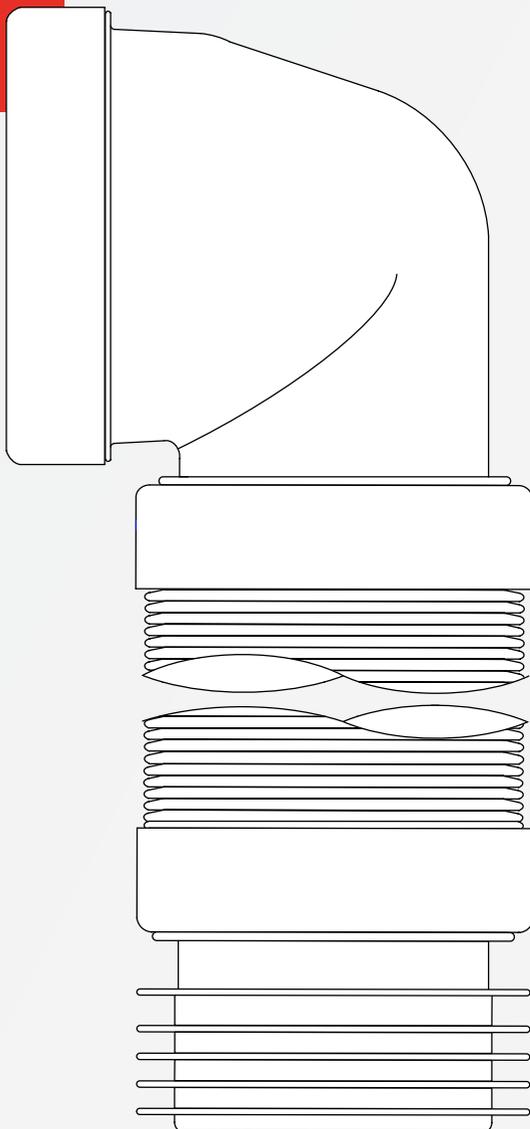
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all our products



SECTION FIVE

05



WC Connectors

Want to feel confident that your WC Connector **won't leak**? Want a connector that installs and **secures easily**, and is **guaranteed to do the job**?

McAlpine WC Connectors have been **consistently rated the best in the market** by installers. The only question is, why would you not use a connector that is **highly recommended** by good trades people across the UK?



For further **technical information** on any of our products please **visit our website** www.mcalpineplumbing.com

WC Connectors

General

- McAlpine is the only European manufacturer to offer **EVA** (ethylene vinyl acetate), **rigid polypropylene** and **flexible polypropylene** WC connectors
- All outlets fit inside diameter pipe sizes as follows:

110mm Plain End	Ring seal socket of 110mm soil or underground pipe and fittings
4"/110mm	PVC-U and cast iron
3½"/90mm	Cast iron
3"/75mm	PVC-U and cast iron

Solutions for all installs with the best range of connectors in the market





WC-CON8

WC-BP1

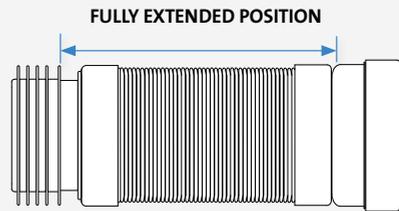
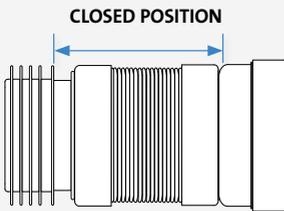
Adjustable Cut to
required Length

Flexible WC Connectors

Inlet size 97-107mm

Product	Code	Closed Length	Extended Length	Outlet Size	1¼" Universal Boss
	WC-F33R	238mm	758mm	4"/110mm	
	WC-F26R	170mm	410mm		
	WC-F23R	140mm	290mm		
	WC-F18R	110mm	160mm		
	WC-F26RV	180mm	380mm	4"/110mm	✓
	WC-F23RV	150mm	280mm		
	WC-F26S	170mm	410mm	3½"/90mm	
	WC-F23S	140mm	290mm		
	WC-F18S	110mm	160mm		
	WC-F26SV	180mm	380mm	3½"/90mm	✓
	WC-F23SV	150mm	280mm		

Flexible WC Connectors



Type Tested and Monitored



www.tuv.com
ID 0000081413

Product	Code	Closed Length	Extended Length	Outlet Size Plain Ended	1½" Universal Boss
	WC-F26P	160mm	380mm	110mm	
	WC-F23P	130mm	260mm		
	WC-F26PV	170mm	380mm	110mm	✓
	WC-F23PV	140mm	260mm		

90° Flexible WC Connectors

Product	Code	Closed Length	Extended Length	Outlet Size	1½" Universal Boss
	WC-CON8F18	190mm	270mm	4"/110mm	✓
	WC-CON8F	220mm	400mm		
	WC-CON8FV	220mm	400mm	4"/110mm	✓



Visit Our Website

For further technical information on **WC Connectors** please visit our website

www.mcalpineplumbing.com

Flexible Extensions for WC Connectors

Product	Code	Closed Length	Extended Length	Inlet Size	Outlet Size
	EXTA-F	95mm	195mm	110mm	4"/110mm
	EXTB-F	95mm	195mm	110mm	3½"/90mm

WC Connectors for Back to Wall WC Pans

Product	Code	Closed Length	Extended Length	Outlet Size
	WC-F21R	140mm	280mm	4"/110mm
	WC-F21S	140mm	280mm	3½"/90mm
	WC-CON8F18-BTW	170mm	250mm	4"/110mm
	WC-CON8F18-S-BTW	170mm	250mm	3½"/90mm
	WC-CON8F-BTW	230mm	425mm	4"/110mm
	WC-CON8F-S-BTW	230mm	425mm	3½"/90mm
	MAC-1-BTW	50mm	50mm	4"/110mm

Rigid WC Connectors

PRODUCT GUIDE

	Straight 4"/110mm Outlet
	Code: WC-CON1
	Straight 4"/110mm Outlet c/w Vent Boss
	Code: WC-CON1V
	Straight Adjustable Length 4"/110mm Outlet
	Code: WC-CON2
	Straight Adjustable Length 3½"/90mm Outlet
	Code: WC-CON2B
	Straight Adjustable Length 110mm Plain End Outlet
	Code: WC-CON3
	20mm Offset 4"/110mm Outlet
	Code: WC-CON4
	40mm Offset 4"/110mm Outlet
	Code: WC-CON4A

	40mm Offset 110mm Plain End Outlet
	Code: WC-CON4B
	20mm Offset Adjustable Length 4"/110mm Outlet
	Code: WC-CON5
	20mm Offset Adjustable Length 3½"/90mm Outlet
	Code: WC-CON5B
	10mm Offset Adjustable Length 110mm Plain End Outlet
	Code: WC-CON6
	14° Angle Adjustable Length 4"/110mm Outlet
	Code: WC-CON7
	14° Angle 4"/110mm Outlet
	Code: WC-CON7A
	14° Angle Adjustable Length 3½"/90mm Outlet
	Code: WC-CON7B

Rigid WC Connectors

" data-bbox="115 115 245 185"/>	45° Angle 4"/110mm Outlet Code: WC-CON16
" data-bbox="125 235 265 315"/>	60mm Offset (ABS) 4"/110mm Outlet Code: WCLO-6
" data-bbox="125 355 265 435"/>	80mm Offset (ABS) 4"/110mm Outlet Code: WCLO-8
" data-bbox="145 475 245 655"/>	400mm Adjustable Length Offset (ABS) with 4"/110mm Outlet Code: WCLO-40

Must Haves in Your Van

Need advice on van essentials? Fred's got you covered on our YouTube channel. He highlights **problem-solvers** like the **WCLO-6** below, perfect for flexible connections to cast iron. Find out more.



Catch Fred on our
YouTube Channel

Rigid 90° WC Connectors

	90° Bend Adjustable Length 4"/110mm Outlet
	Code: WC-CON8
	90° Bend Adjustable Length 4"/110mm Outlet c/w Vent Boss
	Code: WC-CON8V
	90° Bend Adjustable Length Extended Inlet 4"/110mm Outlet
	Code: WC-CON8E
	90° Bend Adjustable Length 110mm Plain End Outlet
	Code: WC-CON9
	90° Bend Adjustable Length 110mm Plain End Outlet c/w Vent Boss
	Code: WC-CON9V

	90° Space Saving Bend Adjustable Length 4"/110mm Outlet
	Code: WC-CONQ
	90° Space Saving Bend Adjustable Length 110mm Plain End Outlet
	Code: WC-CONQP

Extensions / Cut to Adjust Length

	Straight 4"/110mm Outlet
	Code: WC-EXTA
	Straight 3½"/90mm Outlet
	Code: WC-EXTB
	10mm Offset 4"/110mm Outlet
	Code: WC-EXTC
	10mm Offset 3½"/90mm Outlet
	Code: WC-EXTD

WC Connector Accessories

	<p>WC Connector Extension for use with any MACFIT, Rigid or Flexible WC Connector.</p>
	<p>3½"/90mm Inlet x 4"/110mm Outlet Connector for use with any Rigid or Flexible WC Connector to provide a 1½"/40mm Universal Boss.</p>

Code: **WC-CON-EXT**

Code: **WC-BP1**

WC-CON-EXT



WC-CON-EXT

In combination with **WC-CON8**
(Sold Separately)

WC-BP1



WC-BP1

In combination with **WC-CON8**
(Sold Separately)

MACFIT WC Connectors

- MACFIT WC connectors are manufactured in **EVA** with **synthetic rubber** and **moulded finned seals**
- MACFIT incorporates a patented '**lock ring**' inlet seal to give a **superior, tighter connection** to the WC pan outlet
- European Patent **No. 1655528**

Synthetic rubber and moulded finned seals



Lock ring and synthetic rubber seal

	Straight 4"/110mm Outlet
	Code: MAC-1
	Straight 3½"/90mm Outlet
	Code: MAC-3
	Straight 3"/75mm Outlet
	Code: MAC-3C
	20mm Offset 4"/110mm Outlet
	Code: MAC-4
	40mm Offset 4"/110mm Outlet
	Code: MAC-4A
	14° Angle 4"/110mm Outlet
	Code: MAC-7A

	90° Bend 4"/110mm Outlet
	Code: MAC-8
	90° Bend (Long) 4"/110mm Outlet
	Code: MAC-8L

Straight Extensions / Cut to Adjust Length

	4"/110mm Outlet
	Code: MAC-EXTA
	3½"/90mm Outlet
	Code: MAC-EXTB
	3"/75mm Outlet
	Code: MAC-EXTC
	Linking Connector (Polypropylene)
	Code: MACLINK

Rodent Barrier & Anti Back Flow Valve

Rodent Barrier & Anti Back Flow Valve

ARB-1



ARB-1

Open and Closed Positions

- Prevents back flow when fitted to WC pans, which are connected to the original configuration of drain and soil pipe on a system and **comply with the current building regulations** and **BS EN12056-2:2000**.
- Manufactured in **black polypropylene** with encapsulated **stainless steel mesh**.
- **Deters rodents** from entering building through WC.
- For use with **any McAlpine rigid or flexible WC connector** with 4"/110mm rubber outlet seal.
- Can be installed in **horizontal or vertical** position.

WC Frame Connector Kit



Kit comprises WC connector with 97-107mm Inlet, 4"/110mm outlet, flush pipe with finned seal connector and fixing bolts and caps. Suitable for in-wall WC frames

Code:

FPKIT-3

	To fit over Rigid WC Connector with 4"/110mm Rubber Seal Outlet	Code: WC17-90
	To fit over 4"/110mm Soil Pipe or Rigid WC Connectors with Plain End Outlet	Code: WC17-110
	To fit over Collar of Flexible WC Connector	Code: WC17-114



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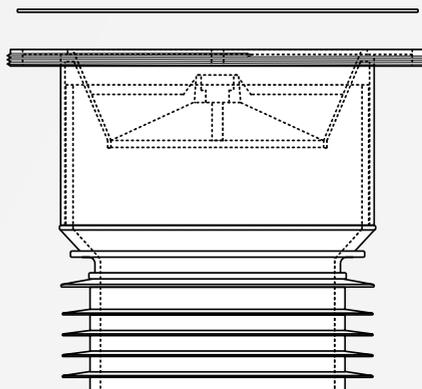
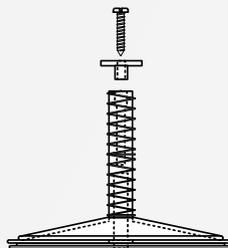
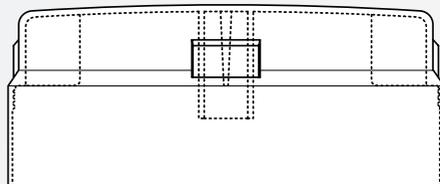


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all our products



SECTION SIX

06



MACFILTER



VP100E



VP100N



VP100



VP3

Air Admittance Valves

Sometimes we get reviews that simply say that our products **do what they are meant to**. We actually love these types of reviews because it shows that we are doing our job. When you need an air admittance valve that is easy to fit, regulates the pressure in the drainage system, and is value for money, this is the section to find what you're looking for.

Our air admittance valves offer **greater flexibility in design, cost savings in both material and labour**, as well as being suitable for use with either plastic or metal pipes.



For further **technical information** on any of our products please **visit our website** www.mcalpineplumbing.com

Air Admittance Valves (Ventapipe)

Internal/External Air Admittance Valve for 110mm Soil Pipe

IN BLACK, WHITE AND GREY

- **Dual fit** synthetic rubber finger seal outlet
- **A1 rated**
- Can be installed **above or below the flood level** of connecting appliances
- Air flow capacity of **40 l/s**
- Incorporates a stainless steel mesh in the air intake which **eliminates insect and debris ingress**
- Complies with **BS EN 12380:2002**
- Range of Temperature: **-20C to +60C**

VP100E
Black

VP100E-GR
Grey

VP100E-WH
White



Fitted in
under 5 mins
including
getting into the
loft and later
that night the
smell was away.



The **TR Testmark** certifies a product's high and consistent quality.

Whenever the TR Testmark is on a product it ensures it has been **thoroughly tested**.

Valves that are designated as **Class A1** can be installed:

- **Above or below** the flood level of connecting appliances
- Without the necessity for a polystyrene cover
- With an operating range of **-20°C to + 60°C**

Air Admittance Valves (Ventapipe)

PRODUCT GUIDE

Product	Code	Pipe Size	Outlet	Colour	Air Flow Capacity (l/s)	Class
	VP100	3" or 4"	Pushfit	●	47.2	A1
	VP100E	4"	Pushfit	●	40	A1
	VP100E-WH	4"	Pushfit	○	40	A1
	VP100E-GR	4"	Pushfit	●	40	A1
	VP100N	4"	Solvent Weld	●	19.4	A1
	VP50-100	2", 3" or 4"	2" Compression 3" & 4" Pushfit	●	16.3	A1
	VP50P	3" or 4"	Pushfit	●	15.5	A1
	VP50	2"	Compression	●	14.2	A1

Air Admittance Valves (Ventapipe)

Air Admittance Valves (Ventapipe)

Product	Code	Pipe Size	Outlet	Colour	Air Flow Capacity (l/s)	Class
	VPSF-40/50	1¼", 1½" or 2"	Solvent Weld	○	9.1	A1
	VP1	1½"	BSP Thread	●	3	A1
	VP1W	1½"	BSP Thread	○	3	A1
	VP2	1½"	Compression	●	3	A1
	VP2W	1½"	Compression	○	3	A1
	VP3	1½"	Multifit Tee	○	4.5	
	VP4	1¼"	Multifit Tee	○	2	
	VP15M	1¼"	Compression	●	0.5	

VP100E, VP100E-GR & VP100E-WH Benefits

- The Valve may be installed at a **minimum height of 200mm** above the highest wet branch, when fitted externally
- Incorporates a stainless steel mesh in the air intake which **eliminates insect and debris ingress**
- Air Flow Capacity **40 litres per second**
- Valve has **A1 Classification** and a **TUV Rheinland Quality Certificate**



Internal Air Admittance Valve

McAlpine recommends that Air Admittance Valves be installed internally within the building.

AAVs should be located preferably in a non-habitable space such as a duct or roof space with adequate ventilation and must be accessible for maintenance.

AAVs must be installed in the vertical position.

Internal Advantages

- Enables ventilating pipes to be terminated inside the building thereby **avoiding roof penetration**
- Allows **greater flexibility in design of new drainage systems**
- Allows greater flexibility when **installing additional appliances** to existing drainage systems
- **Eliminates problems of freezing** associated with external pipes
- Suitable for use with either **plastic or metal pipes**
- Offers **cost savings** in both material and labour

The VP100E, VP100E-GR, VP100E-WH are the only McAlpine AAVs that could be fitted externally as they incorporate a stainless steel mesh.

External Air Admittance Valve

Although there are no regulations for an AAV to be installed externally, it may be advantageous in certain circumstances, be it design or otherwise, to allow installation into an external soil stack and some of the advantages are as follows:

External Advantages

- The external soil stack may be terminated below the roofline which **reduces the amount of soil pipe** and fittings required
- Fitted externally, the AAV is **easy to access for maintenance** if required
- Reduces **installation time** and materials
- It may be prudent to seek guidance from the local building department

Air Admittance Valves (Ventapipe)



Open



Closed

Operation

The two diagrams illustrate how Ventapipe functions. The valve diaphragm lifts and allows air to be drawn into the system when it is subjected to negative pressure. On cessation of negative pressure the diaphragm returns to the closed position thereby preventing the escape of foul air into the building.

The valve is designed to open and close spontaneously when required, thereby allowing a supply of air to adequately ventilate the system, thus ensuring a smooth discharge.

Air Admittance Valves (Ventapipe)



Visit Our Website

For further technical information on Air Admittance Valves please visit our website.

www.mcalpineplumbing.com



MACFILTER

110mm/75mm Carbon Filter



Two way active carbon filter for external installations to **eliminate bad odours** produced by the drainage system.



For use with: Septic Tanks, Sewage Treatment Plants, Rain Water Tanks, & Grease Separators.



Replacement cartridge available
Code: CARBON-CAR



Code:
MACFILTER



Catch **Fred's Fridays** on our **YouTube Channel**

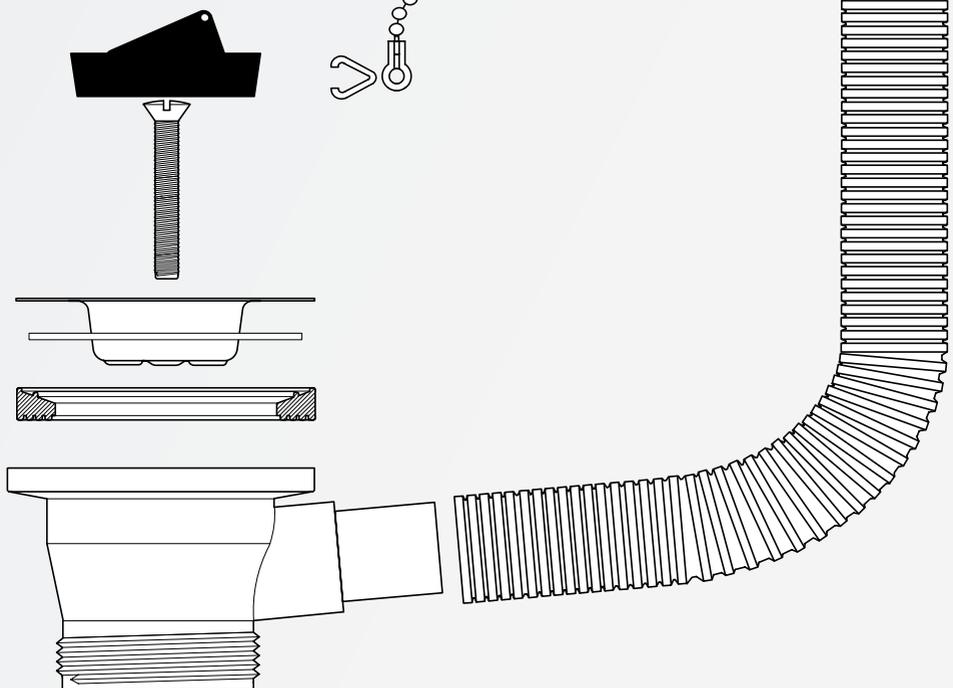
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SECTION SEVEN

07



Waste Outlet Fittings & Waste Accessories

In your day-to-day work you'll always have challenges. That's why McAlpine has **designed and manufactured over 5,000 products**. We know that you want quality products that are **versatile and easy to install**, and that **don't leak**.

Our range of bath, basin, shower, sink and urinal waste outlet fittings consistently get **the best online reviews**. So **fit and forget** the best!



For further **technical information** on any of our products please **visit our website**

Basin Waste Outlets

Chrome Plated Brass Basin Wastes

All Clicker waste mechanisms are overmoulded in plastic to eliminate the effects of hard water.

Product	Code	Type	Size	Flange Size	Plug Type	Tail Length	Backnut
	CW60-CB	Slotted	1¼"	60mm	Clicker	3 ½"	CP Brass
	CWU60-CB	Unslotted	1¼"	60mm	Clicker	3 ½"	CP Brass
	DWU60-CB	Unslotted	1¼"	60mm	Free Flowing (Open)	3 ½"	CP Brass
	CW60SQ-CB	Slotted	1¼"	60mm	Clicker	3 ½"	CP Brass
	CWU60SQ-CB	Unslotted	1¼"	60mm	Clicker	3 ½"	CP Brass
	CW60SP-CB	Slotted	1¼"	60mm	Swivel Plug	3 ½"	CP Brass
	CWU60SP-CB	Unslotted	1¼"	60mm	Swivel Plug	3 ½"	CP Brass
	BW60SPH-CB	Slotted	1¼"	60mm	Swivel Handle	3 ½"	CP Brass

Chrome Plated Brass Basin Wastes

Product	Code	Type	Size	Flange Size	Plug Type	Tail Length	Backnut
	BWU60SPH-CB	Unslotted	1¼"	60mm	Swivel Handle	3½"	CP Brass
	GWAL-CB	Shroud/ Extension Piece	1¼"	N/A	N/A	55mm	N/A

Centre Pin Stainless Steel Basin Waste

Product	Code	Type	Size	Flange Size	Plug Type	Body
	CWP60-SS	Slotted & Unslotted	1¼"	60mm	Clicker	CP Brass
	CWP60-CB-MB	Slotted & Unslotted	1¼"	60mm	Clicker	MB Brass
	CWP60-CB-BB	Slotted & Unslotted	1¼"	60mm	Clicker	Brushed Brass
	CWP60-CB-WH	Slotted & Unslotted	1¼"	60mm	Clicker	Gloss White

CWP60-SS

1¼" x 60mm polished stainless steel flange with Clicker Plugs

- Available in **Stainless Steel** or **Matt Black**
- Suitable for basins **with** or **without overflow**

- 1¼" BSP thread
- Polished **Stainless Steel** Clicker Plug
- Centre pin dry fixing connection for a **quick and simple installation**
- Supplied with **plastic spacer** for use with unslotted basins



Basin Waste Outlets

Centre Pin Basin Wastes

Product	Code	Size	Flange Size	Plug Type	CP Chain and Stay	Backnut for Basin Waste
	BSW1P	1¼"	60mm	Black PVC		
	BSW1PC	1¼"	60mm	Black PVC	✓	
	BSW2PC	1½"	60mm	Black PVC	✓	
	BSW11PC	1¼"	60mm	Black PVC	✓	✓

Backnut Basin Wastes

Product	Code	Type	Size	Flange Size	Plug Type	Tail Length	CP Chain and Stay	Backnut
	BSW12C	Slotted	1¼"	60mm	Black PVC	3½"	✓	✓

Combined Wastes & Overflow for Vanity Basin

Product	Code	Model	Size	Flange	Plug Type	Overflow Connection	Overflow Grid	Tail Length	CP Chain and Stay
	FVW1P	Centre pin	1¼"	60mm stainless steel	Black PVC	Compression	CP Plastic	-	✓
	FVW1PC	Centre pin	1¼"	60mm stainless steel	Black PVC	Moulded	CP Plastic	-	✓
	FVW1PW	Banjo	1¼"	60mm white plastic	White PVC	Moulded	White Plastic	3½"	✓

Bath Wastes

Product	Code	Model	Size	Flange Size	Flange Material	Plug Type	Tail Length
	CBW70-CB	Backnut	1½"	70mm	CP Brass	Clicker	44mm
	CBW70-CLK	Backnut	1½"	70mm	CP Brass	Clicker	58mm
	CWS70-CB	Centre pin	1½"	70mm	CP Brass	Clicker	60mm
	CBW70-SW	Backnut	1½"	70mm	CP Brass	Swivel	58mm

Centre Pin Bath Wastes

Product	Code	Size	Flange Size	Flange Material	Plug Type	Centre Pin	CP Chain
	BSW9P	1¼"	70mm	Stainless Steel	Black PVC	✓	
	BSW9PC	1¼"				✓	✓
	BSW10P	1½"				✓	
	BSW10PC	1½"				✓	✓

Plastic Backnut Bath Wastes

Product	Code	Size	Flange Size	Flange Material	Plug Type
	BWS	1½"	70mm	CP Plastic	Black PVC
	W5	1½"	70mm	White Plastic	White PVC

Bath Waste Outlets

Clicker & Pop-up Bath Wastes & Overflow

Waste Outlet Fittings & Waste Accessories

Product	Code	Mechanism	Size	Flange Size	Flange Material	Plug Type	Overflow Cover
	CBWF70-CB	Clicker	1½"	70mm	Stainless Steel	Domed	CP Brass
	PUB-CP	Pop-up	1½"	70mm	Stainless Steel	Flush	CP Plastic
	PUB-CPB						CP Brass
	PUB-WH	Pop-up	1½"	70mm	White Plastic	Domed	White Plastic
	PUB-CPX				CP Stainless Steel		CP Brass
	PUB-PB-1M	Push button Pop-up	1½"	70mm	Stainless Steel	Domed	CP Brass



Proud to be a **Living Wage** Employer

Bath Combined Waste & Overflows

Product	Code	Model	Size	Flange Size	Flange Material	Plug Type	Overflow Grating	CP Chain
	FBW2P	Centre-pin	1½"	70mm	Stainless Steel	Black PVC	Stainless Steel	✓
	FBW1PC	Centre-pin	1¼"	70mm	Stainless Steel	Black PVC	CP Plastic	✓
	FBW2PC	Centre-pin	1½"	70mm	Stainless Steel	Black PVC	CP Plastic	✓
	FBW2R-C	-	1½"	70mm	CP Plastic	Black PVC	CP Plastic	✓

Sink Waste Outlets

Sink Wastes

Product	Code	Model	Size	Flange Size	Flange Material	Plug Type
	BSW3P		1¼"			Black PVC
	BSW6P	Centre pin	1½"	85mm	Stainless Steel	Black PVC
	BSW6PC		1½"			Black PVC (with CP chain)
	BSW6PR	Centre pin	1½"	85mm	Stainless Steel	Black PVC Handle
	BSW10PR	Centre pin	1½"	70mm	Stainless Steel	Black PVC Handle
	BSW21P	Centre pin	2"	85mm	Stainless Steel	Black PVC
	BSW6CP2H	Centre pin	1½"	85mm	Stainless Steel	CP Plastic Handle
	SW45P	Centre pin	1½"	113mm	Stainless Steel	Black ABS Handle
	PUS70-CP¹	Pop-up	1½"	70mm	Stainless Steel	50mm Pop-up
	PUS113-CP¹	Pop-up	1½"	113mm	Stainless Steel	Basket Strainer Pop-up

1. CP Plastic command knob

Sink Combined Waste & Overflows

All products have a stainless steel flange and a Chrome-Plated Chain

Product	Code	Model	Size	Flange Size	Plug Type	Overflow Grid	Overflow Connection
	FSW1PC		1¼"	85mm			✓
	FSW2PC	Centre pin	1½"	85mm	Black PVC	CP Plastic	✓
	FSW2PC-70		1½"	70mm			✓
	FSW2PP	Centre pin	1½"	85mm	Black PVC	Black Plastic	✓
	FSW2PR	Centre pin	1½"	85mm	Black PVC	Rectangular (no grid)	✓
	FSW2PR-70			70mm			
	FSW2P	Centre pin	1½"	85mm	Black PVC	CP Plastic	Compression
	PUFS70-CP¹	Pop-up	1½"	70mm	50mm Pop-up	CP Plastic	Compression
	PUFS113-CP¹	Pop-up	1½"	113mm	Basket Strainer	CP Plastic Threaded	Compression

1. CP Plastic command knob

Sink Waste Outlets

1½” Basket Strainer Wastes

Product	Code	Model	Flange Size	Finish	Plug Type	Overflow Grid	Ferrule Length
	BWSTSS BSWPVD	Centre pin	113mm	Stainless Steel PVD Gold	Stemball	-	41mm
	BSWCLS	Centre pin	113mm	Stainless Steel	Clicker	-	41mm
	BWSTOFR-SS-GRID BWSTOFRS BWSTOFSS FBSWPVD BSWCLS-OFSS	Centre pin	113mm	Stainless Steel Stainless Steel Stainless Steel PVD Gold Stainless Steel	Stemball Stemball Stemball Stemball Clicker	Rectangular (grid) Rectangular (no grid) CP Plastic PVD Finish CP Plastic	41mm
	BWSUOFSS	Centre pin	113mm	Stainless Steel	Stemball	Rectangular & Round Grid Included	41 mm
	BWSUOFMB	Centre pin	113mm	Matt Black	Stemball	Rectangular & Round Grid Included	41 mm
	BWSUOFBB	Centre pin	113mm	Brushed Brass	Stemball	Rectangular & Round Grid Included	41 mm
	BWSUOFBN	Centre pin	113mm	Brushed Nickel	Stemball	Rectangular & Round Grid Included	41 mm

Product	Code	Model	Flange Size	Finish	Plug Type	Overflow Grid	Ferrule Length
	BWSUOFSS-COV	Centre pin	113mm	Brushed Stainless Steel	Stemball	Rectangular & Round Grid Included	41 mm
	MBSWSS85 MBS85PVD	Centre pin	85mm	Stainless Steel PVD Gold	Stemball	PVD Finish	55mm
	FMBSWSS85	Centre pin	85mm	Stainless Steel	Stemball	CP Plastic	55mm

Basket Strainer Wastes - Plugs

	<p>Stainless Steel Strainer Plug for Basket Strainer Waste Stemball Plug</p> <p>Code: BWSTSS-TOP</p>
	<p>Stainless Steel Strainer Plug for Basket Strainer Waste Rubber Finger Seal Plug</p> <p>Code: BSKTOP</p>

	<p>Stainless Steel Strainer Plug for Basket Strainer Waste Mini Basket Strainer Plug</p> <p>Code: MBSKTOP</p>
	<p>Extension ferrule</p> <p>70mm Code: BRBOLT70</p> <p>90mm Code: BRBOLT90</p>

Shower Wastes

Shower Wastes

Product	Code	Model	Size	Flange Size	Flange Material	Tail Length
	BSW9P-F	Centre pin	1¼"	70mm	Stainless Steel	-
	BSW10P-F		1½"			
	CSWU3P	Backnut	1½"	60mm	Stainless Steel	70mm
	CW55	Backnut	1½"	70mm	CP Plastic	46mm
	W55	Backnut	1½"	70mm	White Plastic	46mm
	SWHF1-WH	Backnut	1½"	113mm	White Plastic	62mm

Waste Outlet Fittings & Waste Accessories

Made in Britain

All our wastes are Made in Britain.
Quality Guaranteed.



Pumped Shower Wastes

Product	Code	Flange Size	Flange Material	Outlet
	UPSW-2	70mm	CP Brass	15mm plain tail
	UPSW-3-22MM	85mm	CP Brass	22mm plain tail
	UPSW-4-22MM	113mm	CP Brass	22mm plain tail



McALPINE Scale Defender

Tackles Limescale. Protects Homes & Pockets!

- Easy To Install - less than an hour!
- Fits easily under a sink
- No electricity supply required.





Urinal Wastes

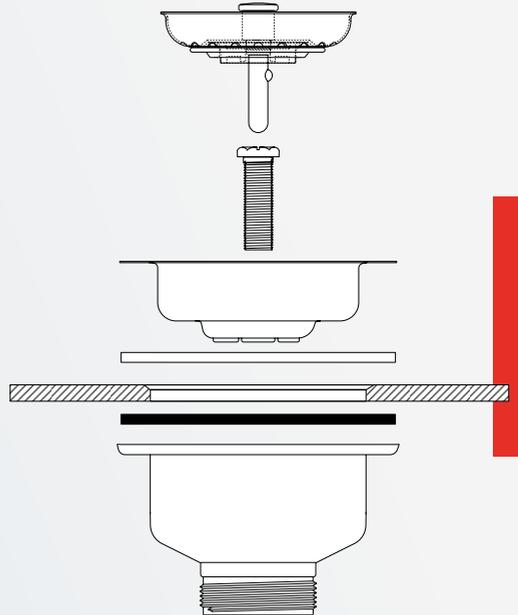
Product	Code	Model	Size	Flange Size	Flange Type	Material	Tail Length
	WU10	Backnut	1¼"	60mm	Domed	White Plastic	3½"
	WU11		1½"				2"
	GWU20	Backnut	2"	85mm	Domed (removable)	Grey Plastic	1⅝"
	WU20					White Plastic	
	WU1A	Backnut	1¼"	60mm	Flush	White Plastic	3½"

M'ALPINE

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For further technical information on Waste Outlet Fittings please visit our website.

www.mcalpineplumbing.com



Plugs

Product	Code	Size	Material
	BP2H	1 3/4"	Black Plastic Handle
	BP3H BP4H	1 1/2" 1 3/4"	Black PVC Handle
	WP2H	1 3/4"	White Plastic Handle
	CP1H CP2H	1 1/2" 1 3/4"	CP Plastic Handle
	CP1 CP2	1 1/2" 1 3/4"	CP Plastic
	BP3T BP4T	1 1/2" 1 3/4"	Black PVC
	BP5	2"	Black PVC
	WP1T WP2T	1 1/2" 1 3/4"	White Plastic
	WP3T WP4T	1 1/2" 1 3/4"	White PVC
	BP2-CAP¹	1 3/4"	Black Plastic (Captive)

1. Only for use with McAlpine wastes with a centre pin fixing

Soap Dispenser

Product	Code	Description
	SOAP-CP	1/2" litre bottle with CP plastic top for sink

Chains

Product	Code	Length	Triangles	Stay & Nut
	CH5 CH4 CH4-18	10" 16" 18"		
	CH10	10"	2	✓

Backnuts

Product	Code	Size	Flange
	BN1 BN2 BN3 BN5	1 1/4" 1 1/2" 1 1/2" 2"	60mm 70mm 85mm 75mm

Tap Hole Stoppers

Product	Code	Material	Thread Length
	TAPSTOP-SS TAPSTOP-SS40	Stainless Steel	16mm 40mm
	TAPSTOP-WH	White Plastic	17mm

Overflow Stopper

Product	Code	Material	Thread Length
	O/FSTOP-BL	Black Plastic	17mm

Testimonials from our Plumbers' Panel

We asked the members of our Plumbers' Panel what they thought of some of our products.

Here are a few of the reviews:



McAlpine waste traps, **always fit accurately and positively.** Great products.

McAlpine traps **do the job first time.** I don't even bother looking at others.

The mini flex is a brilliant idea it **got me out of a Friday evening mess** in the middle of nowhere, miles from a merchant... kitchen sink couldn't get any fitting to fit. Then pulled out the mini flex **10 minutes later I was on my way home.**

4" rodent barriers - **so good** even the rats don't bother knocking!

I like the WC traps, especially for those tight little vanity basins with draws. They seem **very well thought out and built.**

McAlpine in line screened/filter pipe coupling - **2 secs job done - smart/neat** everything you'd expect from a McAlpine fitting.

Mini flex adaptor **excellent** where you don't want to use 2 x 45 degree bends.

SECTION EIGHT

08



Technical Details & Index

In this section you will find **general technical information** on installation guidelines and requirements. For more detailed technical information on all products, including many products that do not feature in this Product Guide, please visit www.mcalpineplumbing.com

The index follows the Technical information and is shown in numerical and alphabetical order.



For further **technical information** on any of our products please **visit our website** www.mcalpineplumbing.com

Installation Guidelines

- **Building Regulations** require that all points of discharge into a drainage system should be fitted with a trap (e.g. a water seal trap) to prevent foul air from the system entering the building. Under working and test conditions traps should retain a minimum seal of 25mm of water

Installation Requirements

All traps, waste pipe, waste fittings and soil fittings when installed in buildings should be installed in compliance with:

- Building Regulations 2000 (2002 edition) Approved Document H England and Wales
- The Building Standards (Scotland) Regulations 1990 (as amended)
- The Building Regulations (Northern Ireland) 2000 Alternatively the relevant recommendations of BS EN 12056-2:2000 should be followed

All traps should be accessible and provided with an adequate facility for cleansing, for example, traps are capable of being readily removed or dismantled. In general a trap which is not an integral part of an appliance should be attached to, and be immediately beneath, its outlet. However, traps that are not connected to the appliance should be as close as possible. There should be no more than one trap on the discharge pipework from any appliance.



Trap Seals

- Traps with outlets for pipes up to and including DN50 should have a minimum water seal of 50mm on baths and showers, provided they are fitted with flush-grated wastes without plugs on spray-tap basins; 75mm trap seals should be used with all other appliances
- Traps with outlets for pipes over DN50 should have a minimum water seal of 50mm
- Traps used on appliances with flat bottoms (trailing waste discharge) and discharging to a gully with a grating may have a reduced water seal of not less than 38mm

McAlpine manufactures 19mm water seal traps to meet market demand for replacement traps or for situations where space is limited. These traps should **not** be used in situations where a minimum 50mm water seal trap is required or where the waste pipe is connected to a soil stack.

- **The table opposite is an extract for BS EN 12056-2:2000 Gravity Drainage Systems Inside Buildings**

Notes relating to table opposite

1. Steeper gradients permitted if pipe is less than maximum permitted length
2. If length is greater than 3m noisy discharge may result with an increased risk of blockage
3. Should be as short as possible to limit problems with deposition
4. Sharp throated bends should be avoided
5. For slab urinal for up to 7 persons. Longer slabs to have more than one outlet
6. Swept - entry branches serving WC's
7. Includes small potato-peeling machines
8. Tubular not bottle or resealing traps
9. Spray tap basin shall have flush-grated wastes without plugs

Appliance	Diameter (DN)	Min Trap Seal Depth (mm)	Max Length of Pipe from Trap Outlet to Stack (m)	Pipe Gradient (%)	Max Number of Bends (#)	Max Drop (m)
Washbasin, Bidet (30mm diameter trap)	30	75	1.7	2.2 ⁽¹⁾	0	0
Washbasin, Bidet (30mm diameter trap)	30	75	1.1	4.4 ⁽¹⁾	0	0
Washbasin, Bidet (30mm diameter trap)	30	75	0.7	8.7 ⁽¹⁾	0	0
Washbasin, Bidet (30mm diameter trap)	40	75	3.0	1.8 to 4.4	2	0
Shower, Bath	40	50	No Limit ⁽²⁾	1.8 to 9.0	No Limit	1.5
Bowl Urinal	40	75	3.0 ⁽³⁾	1.8 to 9.0	No Limit ⁽⁴⁾	1.5
Trough Urinal	50	75	3.0 ⁽³⁾	1.8 to 9.0	No Limit ⁽⁴⁾	1.5
Slab Urinal ⁽⁵⁾	60	50	3.0 ⁽³⁾	1.8 to 9.0	No Limit ⁽⁴⁾	1.5
Kitchen Sink (40mm diameter trap)	40	75	No Limit ⁽²⁾	1.8 to 9.0	No Limit	1.5
Household Dishwasher or Washing Machine	40	75	3.0	1.8 to 4.4	No Limit	1.5
WC with Outlet up to 80mm ⁽⁶⁾	75	50	No Limit	1.8 Min.	No Limit ⁽⁴⁾	1.5
WC with Outlet greater than 80mm ⁽⁶⁾	100	50	No Limit	1.8 Min.	No Limit ⁽⁴⁾	1.5
Food Waste Disposal ⁽⁷⁾	40 Min.	75 ⁽⁸⁾	3.0 ⁽³⁾	13.5 Min.	No Limit ⁽⁴⁾	1.5
Sanitary Towel Disposal Unit	40 Min.	75 ⁽⁸⁾	3.0 ⁽³⁾	5.4 Min.	No Limit ⁽⁴⁾	1.5
Floor Drain	50	50	No Limit ⁽³⁾	1.8 Min.	No Limit	1.5
Floor Drain	70	50	No Limit ⁽³⁾	1.8 Min.	No Limit	1.5
Floor Drain	100	50	No Limit ⁽³⁾	1.8 Min.	No Limit	1.5
4 Basins	50	75	4.0	1.8 to 4.4	0	0
Bowl Urinals ⁽⁸⁾	50	75	No Limit ⁽³⁾	1.8 to 9.0	No Limit ⁽⁴⁾	1.5
Maximum of 8 WC's ⁽⁶⁾	100	50	15.0	0.9 to 9.0	2	1.5
Up to 5 Spray Tap Basins ⁽⁹⁾	30 Max.	50	4.5 ⁽³⁾	1.8 to 4.4	No Limit ⁽⁴⁾	0

Technical Details

Installation Information

Most individual products are supplied with detailed installation instructions. The following is general information.

Trap Inlets

When connecting the trap inlet to the waste outlet, it is important to ensure that a proper 'seating' is obtained and it is therefore recommended that the waste outlet used be to British Standard or equivalent, otherwise difficulty may be experienced in obtaining a water tight joint. All traps are supplied complete with inlet washers.

Trap Outlets & Multifit Fittings see Page 17

For use with plastic pipes to BS EN 1451-1:2017 and BS EN 1329-1: 2020, copper pipe (metric or imperial) and lead pipe. Fit as follows:

- Chamfer inside of pipe, if required to remove any burr or to enable plastic pipe to be eased over internal sleeve
- Remove nut, plastic friction washer and rubber olive from trap or fitting
- Push nut, plastic friction washer and rubber olive over pipe
- Push nut, plastic friction washer and rubber olive over pipe
- Push pipe over internal sleeve and into trap or fitting
- Connect nut and hand tighten

If a plastic pipe is undersize, or out of shape, the end may require to be warmed to enable it to be pushed over the internal sleeve and into the trap or fitting.

Universal Trap Outlets & Fittings

Fit as Multifit but internal sleeve not applicable.

Surefit Fittings see Page 102

To BS EN 1329-1: 2020. For use with McAlpine HDPE waste pipe only. Fit as follows:

- Chamfer inside of pipe, if required to remove burr
- Remove nut and rubber washer from fitting
- Push nut and rubber washer over pipe
- Push pipe into socket
- Connect nut and hand tighten

Pushfit Fittings see Page 102

For use with McAlpine overflow pipe. Fit as follows:

- Gently warm end of pipe - say 25mm
- Push Fitting inside or outside of pipe dependent on type of fitting

Pipe Clipping

It is of the utmost importance that plastic pipe be properly supported as recommended below

		Waste (m)	Overflow (m)
Horizontal:	Every	0.5	0.5
Vertical:	Every	1.2	1.2



Traps & Waste Outlet Fittings see Sections 1 & 7

All traps, waste outlets and overflows for kitchen sinks, shower trays, wash basins, bidets and baths meet the dimensional, performance, materials and marking requirements of EN 274-1:2002.

Condensate Products see Page 101

McAlpine traps and fittings for connecting condensate discharge from condensing boilers to sanitary pipework meet the requirements of BS 6798: 2014 and Building Regulations Approved Document H.

Bath Fillers see Pages 47-48

McAlpine bath fillers have the following flow rates:

- 0.5 bar pressure produces 33 litres per minute
- 1.0 bar pressure produces 44 litres per minute
- 2.0 bar pressure produces 57 litres per minute

Shower & Floor Gullies see Section 2

Shower and floor gullies are manufactured to comply with BS EN 1253-1: 2015 and BS EN 1253-2: 2015.

Surefit Waste System see Page 102

Surefit waste system is manufactured to comply with BS EN 1329-1: 2020.

MACFIT WC Connectors see Page 120

MACFIT WC connectors are manufactured to comply with BS 5627:1984.

Flexible WC Connectors see Page 113

Flexible WC connectors are manufactured to comply with German Standard DIN 1389:2001-05 and have TUV Rheinland Approval.

Rigid WC Connectors see Page 117

Rigid WC connectors are manufactured to comply with BS 5627:1984 and German Standard. DIN 1389-2.

Air Admittance Valves (Ventapipe) see Section 6

Air admittance valves (Ventapipe) are manufactured to comply with BS EN 12380:2002 and have TUV Rheinland Approval.



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