M^cALPINE
Plumbing Products

QUALITY ASSURED
NO
COMPROMISE
EST 1907

Product
Guide

No Compromise on
Quality & Innovation

MADE IN
BRITAIN

HC2650UK-MB Shown Above

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

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Contents

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

MACXSEAL-WH

BRILLIANT WHITE

MINIFLEX-1

VP100E

ST90CP10-NRV

MACTUN-1

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

🐦 Twitter
@McAlpinePlumb

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

MᶜALPINE Kneepads

QUALITY ASSURED
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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.

Powered by
Redbacks®
Cushioning

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

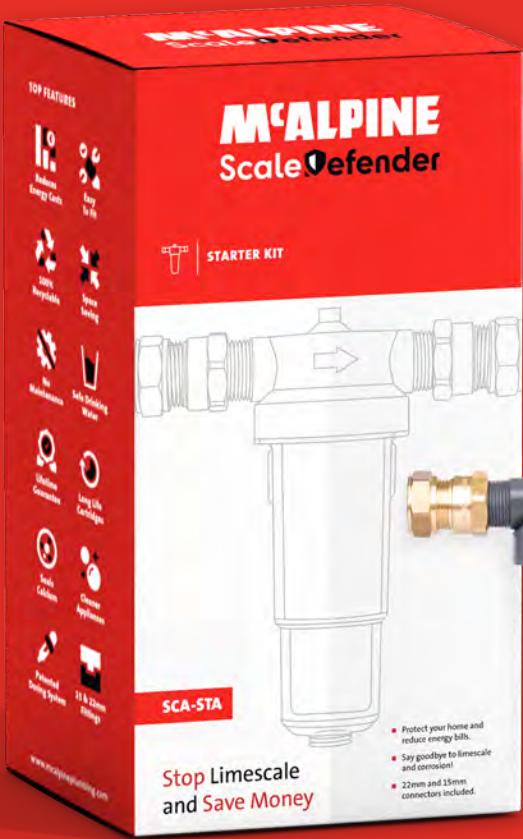KNEELER MAT
KP-MAT

POCKET KNEEPADS
KP-P

Scale Defender

M^cALPINE Scale Defender

AVAILABLE AS:

STARTER KIT
SCA-STA

REFILL CARTRIDGES X2
SCA-RE

Tackles Limescale.
Protects Homes & Pockets!

EXTRAPOLATED

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

"EASY TO USE GOES ON REALLY NICE AND SMOOTHS REALLY EASY TOO, AND IT STAYS CRYSTAL CLEAR"

THE ONLY TUBE YOU NEED:

- **Multi-use** for All Trades
- Perfect for Sanitaryware, Tiles, Mirrors, Metals, Wood, Stone, Concrete, Marble & Brick
- Seals and Bonds
- Fills and Fixes
- Anti Mould
- Waterproof
- Durable
- Fast Curing
- **No Solvents** or Isocyanates

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

Available in **Brilliant White** & **Super Clear**

Brilliant White **MACXSEAL-WH**	Super Clear **MACXSEAL-CL**

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EST 1907

MacXseal Product Feature

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PRODUCT BENEFITS:

ANTI-FUNGAL

DURABLE

MACXSEAL IS A SEALANT AND ADHESIVE IN ONE. A TOOLBOX IN A TUBE.

- **UV Stabiliser:** No discolouring
- **Curing Time:** Approx 3mm per 24Hrs at 23°C & 50% Humidity
- **Skin Time:** 15-20 mins at 23°C & 50% Humidity
- **Tensile Strength:**
  - (DIN 53504-S2)(E Modulus at break) White 2.10 N/ mm² Clear 1.69 N/mm²
  - (ISO 11600) White 0.6 N/ mm2 Clear 0.6 N/mm²
- **Application Temp Range:** 5°C TO 35°C
- **Service Temp Range:** -40°C to +100°C
- **Shore A Hardness:** 45-55 (DIN 53505)
- **Movement accommodation:** ±20%
- **Flow:** <2mm (ISO 7390)

IT'S SO GOOD WE PUT OUR NAME ON IT

Visit **www.mcalpineplumbing.com/macxseal** for further information

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| FAST CURING | HIGH STRENGTH GRAB | BONDS IN THE WET | INTERNAL AND EXTERNAL USE | LOW ODOUR | SOLVENT FREE | PAINTABLE | UNIQUE FORMULA |

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

NOW IN MATT BLACK

HC2650UK-MB

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

- Matching Chrome Plated Brass Mushroom plug and overflow face

- 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
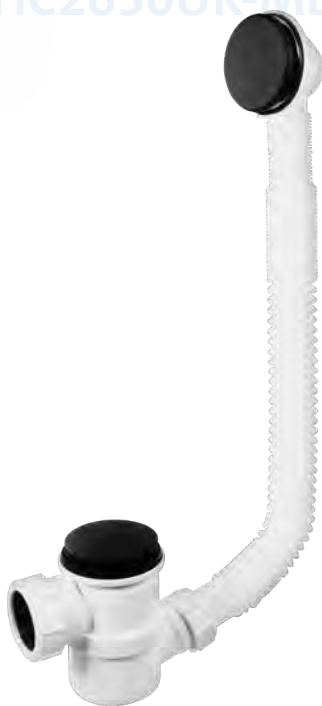
HC2650UK-MB

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

NOW IN MATT BLACK

CW60-CB-MB

CW60-CB CP

CWP60-CB-MB Product Feature

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 **1¼"** outlet

- WRAS & KIWA Approved

kiwa
certified
KOMO
K100978/01

WRAS
APPROVED PRODUCT

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MACTUN-1

MACTUN-1

15mm Compression Inlet
x **22mm** Compression Outlet

MACTUN-2

MACTUN-2

15/22mm Compression Inlet x **1¼"** 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.

BK1 & BK2

The **All in One Fast Fix Basin Clicker Waste** & **Trap Solution** from McAlpine

The BK1 & BK2 can be fitted to a Basin **with** or **without** an overflow.

- **No more** scratching your knuckles under the Basin
- Install in **seconds**
- Uses an **innovative** and unique centre pin fixing
- Trap is height **adjustable**
- Clicker mechanism **moulded in plastic** to limit the effects of hard water
- Can be **dry-fixed** if required
- Quality, Innovative and Simplicity itself!

BK1 & BK2 Product Feature

Installation Tool Included

BK1

BK2

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PRODUCT BENEFITS:

INSTALL IN SECONDS   EASE OF INSTALL   INSTALLATION TOOL INCLUDED   COMBINED SOLUTION   FITS MOST BASINS   LONG LASTING

MINIFLEX-1, 2, 4 & 5

The **Miniflex**

Perfect for Repair Work

(Watch Fred give you the lowdown on the Miniflex on the McAlpine Plumbing Products **YouTube page**).

▶

MINIFLEX-1

MINIFLEX-1

1¼" x **1¼"** universal compression connection

MINIFLEX-2

MINIFLEX-2

1½" x **1½"** universal compression connection

MINIFLEX-4

MINIFLEX-4

1¼" universal compression connection x **1¼"** plain spigot

MINIFLEX-5

MINIFLEX-5

1½" universal compression connection x **1½"** plain spigot

15

"

Excellent products with a **first class after sales team**.

Why use loads of fittings, and a tin of glue? The Miniflex repair coupling lets you repair with no waiting time. Need flexibility?

The miniflex repair coupling goes from 0-90 degrees in seconds. Miniflex Connectors offer maximum flexibility when conventional fittings cannot be used.

KEY BENEFITS:

- Fittings can be used **up to 90°**

- **No glue** required

- Fittings are **flexible** as well as extendable

- Solve problems where flexibility is required

- Manufactured in **polypropylene**

- Extendable from **125mm to 175mm**

- Available with **compression or PVC connections**. PVC connections can be solvent welded.

- **Patent pending**

Shower **Traps**

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

- **90mm** x Spring Loaded Non-Return Valve with **1½"** Solvent Weld Outlet Socket.

- The valve acts as a non-return valve. The weight of the water discharge will open the valve and it will reseal when the discharge has ceased thus **prohibiting foul air from entering** the dwelling.

- **Shallowest 90mm Shower Trap** available, with an overall height of **53mm**.

- The valve **eliminates the release of foul air** due to back flow.

- The valve can be **easily removed** to facilitate **easy cleaning** of the trap.

- Flowrate of **24 litres per minute** when tested under a constant 15mm head of water.

ST90CP10-NRV & ST90MB10-70 Product Feature

ST90CP10-NRV

ST90CP10-NRV

90mm x Spring Loaded Non-Return Valve with **1½"** Solvent Weld Outlet Socket, **Overall height 53mm**

"
Don't get trapped **McAlpine traps do the job first time**. I don't even bother looking at others.
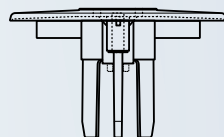
ST90MB10-70
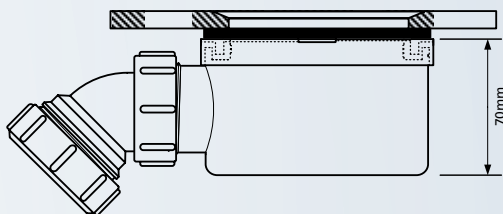
ST90MB10-70

90mm x **50mm** Water Seal Shower Trap with **1½"** Compression Outlet, **Overall height 70mm**

Matt black dome top and waste for luxury look

Air **Admittance** Valves

Ventapipe 100 Internal/External Valves in Black, White and Grey finish.

The Ventapipe 100 Internal/External have a dual-fit synthetic rubber finger seal outlet for **4"/110mm** pipe.

Product Details:

- Fits **4"/110mm** soil pipe

- **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**

- McAlpine recommend that Air Admittance Valves be installed internally within the building but this product can be installed externally if necessary.

- Range of Temperature: **-20C to +60C**

- **TUV Rheinland Certificate** - certifies the product's high and constant quality and confirms the performance capability

Type Tested and Monitored

www.tuv.com
ID 0000081413

TÜVRheinland®
CERTIFIED

VP100E, VP100E-WH & GR Product Feature

VP100E

VP100E
Black Finish.

VP100E-WH

VP100E-WH
White Finish.

VP100E-GR

VP100E-GR
Grey Finish.

"

Plugs in straight out of the box. **Impressive quality feel** to the item. Does what it says, **no fuss - just what you need! Great!**

Open

Closed

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

ST90CP10-53

BK1

MACVALVE

SA10
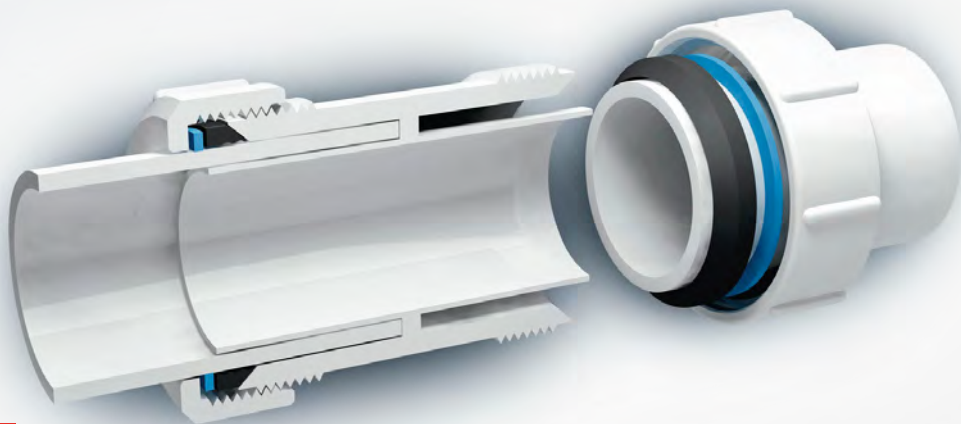
WV-1

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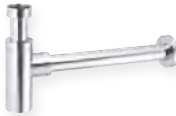
Product	1¼" Code	1½" Code	Water Seal	Material	Anti-Syphon	Resealing	Adjustable Inlet
	A10	**C10**	75mm	Plastic			
	A10V	**C10V**	75mm	Plastic	✔		
	A10R	**C10R**	75mm	Plastic		✔	
	A10A	**C10A**	75mm	Plastic			✔
	A10AV	**C10AV**	75mm	Plastic	✔		✔
	A10AR	**C10AR**	75mm	Plastic		✔	✔

Bottle Traps

Product	1¼" Code	1½" Code	Water Seal	Material	Anti-Syphon	Resealing	Adjustable Inlet
	AA10	-	75mm	Plastic			✔
	BK1¹		75mm	Plastic			✔
	AA10W²	-	75mm	Plastic			✔
	E10 / -	- / G10	50mm / 40mm	Plastic			
	A10AR-CP	C10AR-CP	75mm	Chrome Plated Plastic		✔	✔
	CAA10	-	75mm	Chrome Plated Plastic			✔

1. Clicker Waste | 2. Centre Pin Waste

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
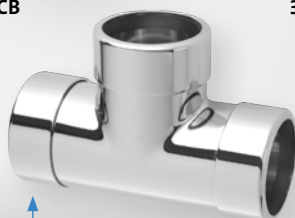
42E-CB

ABS32/35A-CB
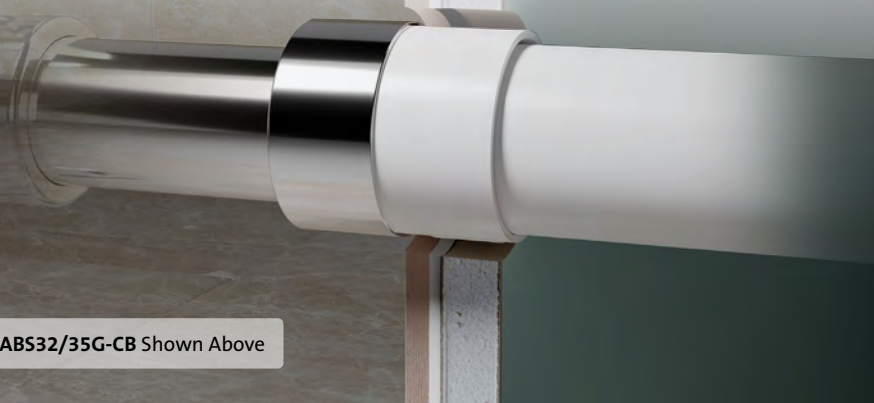
ABS32/35G-CB Shown Above

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
	S4U¹	90° Bend	1¼"	Female Nut	BSP Male Connector
	T4U¹	90° Bend	1½"	Female Nut	BSP Male Connector
	S31U¹	Straight	1¼"	BSP Male Thread	Compression
	T31U¹	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**
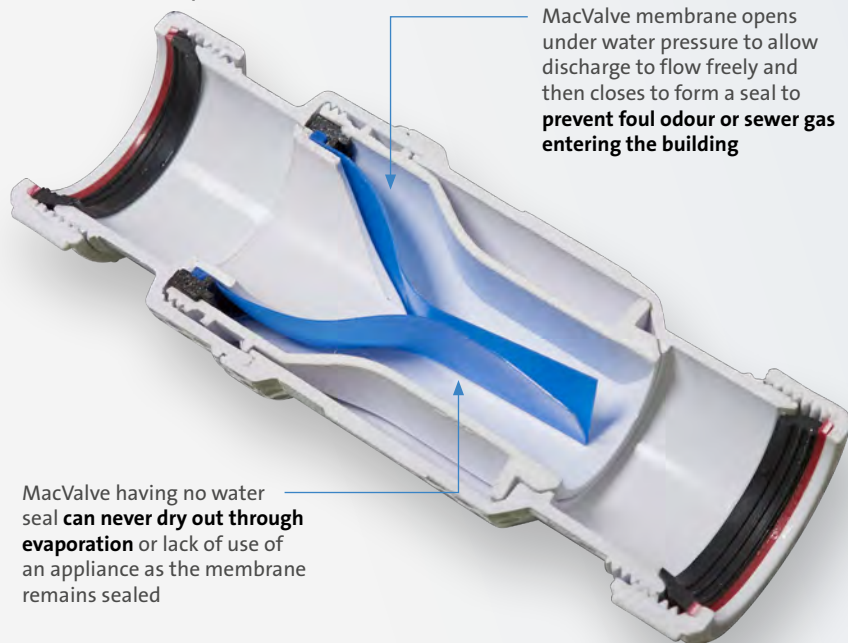
MacValve having no water seal **can never dry out through evaporation** or lack of use of an appliance as the membrane remains sealed

MACVALVE
-3

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

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	1¼"	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
- **1¼"** BSP female nut inlet x compression outlet
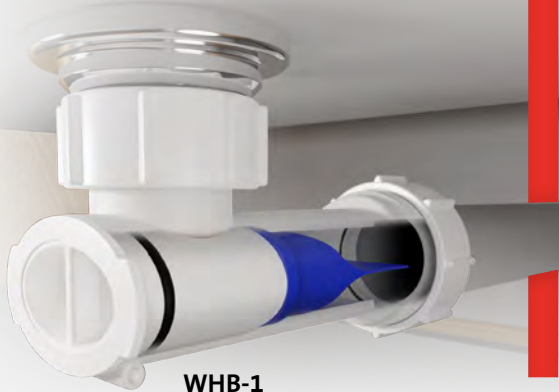
Tubular Traps

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[1]	-	-	Swivel 'P' with centre pin waste	75mm		✔
	ASA10W[2]	-	-	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/P Anti-Syphon	75mm	✔	✔
	SR10	TR10	SG10	Running 'P'	75mm		

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1. Clicker Waste | 2. Centre Pin Waste

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

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			

Pedestal & Domestic Appliance Traps

Made in **Britain**

All our traps are Made in Britain.
Quality Guaranteed.

MADE IN BRITAIN

QUALITY ASSURED
NO COMPROMISE
EST 1907

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Domestic Appliance Traps

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

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			

Domestic Appliance Accessories

Product	Code	Size	Type
	SSINLET1	1½"	Space Saver Trap Inlet
	SSINLET2	1¼"	Space Saver Trap Inlet
	NUT-WMVALVE	¾"	BSP Female Blank Cap
	NUT-BLANK-WH	1"	BSP Female Blank Cap
	R23U	19/23mm	Compression Blanking Cap
	228532	-	Blanking Plug for Appliance Connection
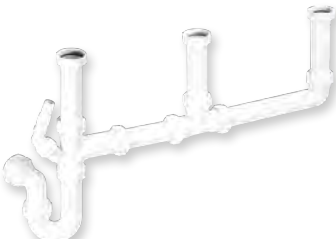
Domestic Appliance Accessories

Nozzles

Product	Code	Angle	Connection To	Blanking Plug(s) Included
	WMF3	Straight	1½" Multifit	
	WMF4	90°	1½" Multifit	
	MA15	135°	1" BSP Thread	✔

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

Standard Sink Kits

Product	Code	Sink Bowls	Nozzles
	SK1	Bowl & Half	1
	SK1A	Bowl & Half	2
	SK2	Double	1
	SK2A	Double	2
	SK3	Three	1

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**.
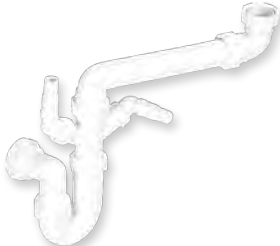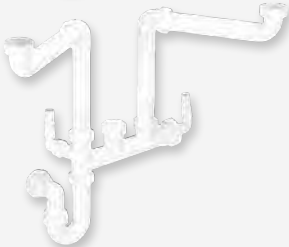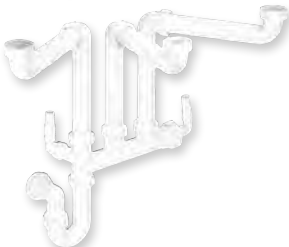
Space Saver
Sink Kit

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**.
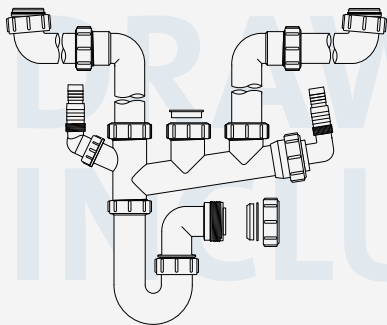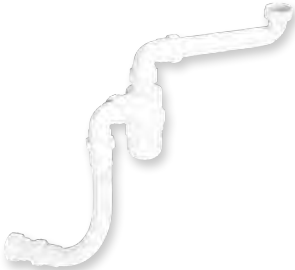
DRAWING INCLUDED

Each kit is boxed individually and **supplied with an illustrative drawing**.

Space Saver Sink Kits

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" or 1½"	For Adjustable height basin and sink.

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

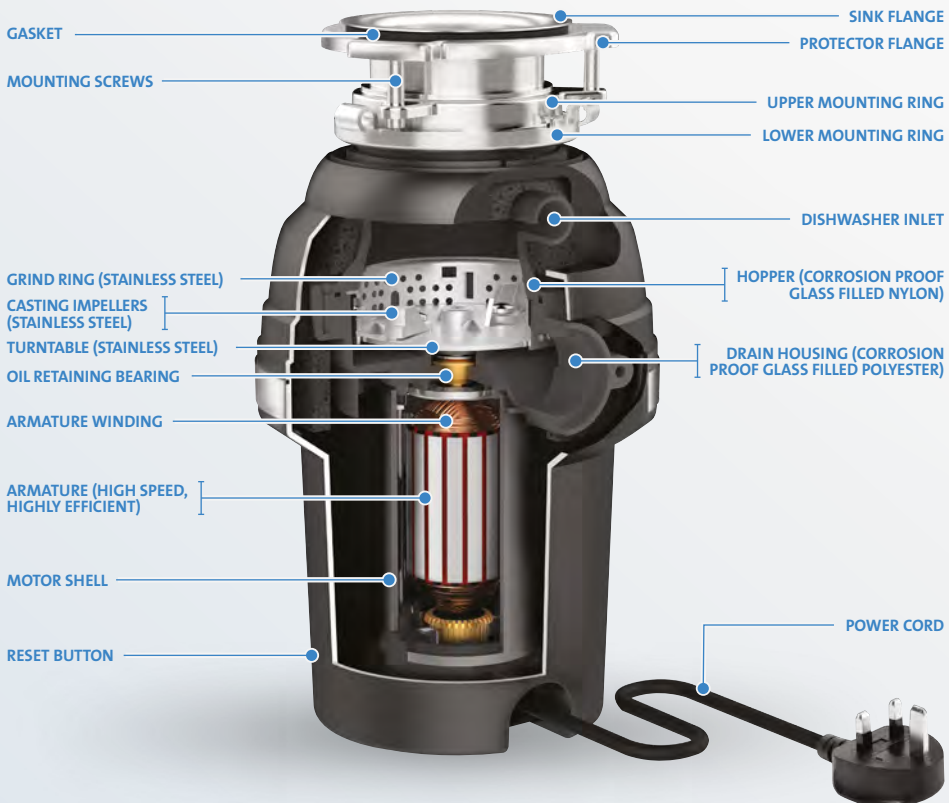- Corrosion proof cast **stainless steel** impellers on all models

- 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

GASKET

MOUNTING SCREWS

SINK FLANGE

PROTECTOR FLANGE

UPPER MOUNTING RING

LOWER MOUNTING RING

DISHWASHER INLET

GRIND RING (STAINLESS STEEL)

CASTING IMPELLERS (STAINLESS STEEL)

TURNTABLE (STAINLESS STEEL)

OIL RETAINING BEARING

ARMATURE WINDING

ARMATURE (HIGH SPEED, HIGHLY EFFICIENT)

MOTOR SHELL

RESET BUTTON

HOPPER (CORROSION PROOF GLASS FILLED NYLON)

DRAIN HOUSING (CORROSION PROOF GLASS FILLED POLYESTER)

POWER CORD

Waste Disposal Units

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	✔	

Bath Traps

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

Bath Trap with Top Access

Product	Code	Size	Water Seal	Overflow Plate	Plug	Overflow Length
	HC2650UK	1½"	50mm	CP Brass	Domed CP Brass Clicker	330mm - 580mm
	HC2650UK-MB	1½"	50mm	MB Matt Black	Domed MB 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	✔
	FSK10E¹	1½"	60mm	Chrome Plated Plastic	
	FSK10	1½"	50mm	Chrome Plated Plastic	

Bath Traps

1. FSK10E has extended body

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**.

- Now available in Matt Black. Code: **HC2650UK-MB**.

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

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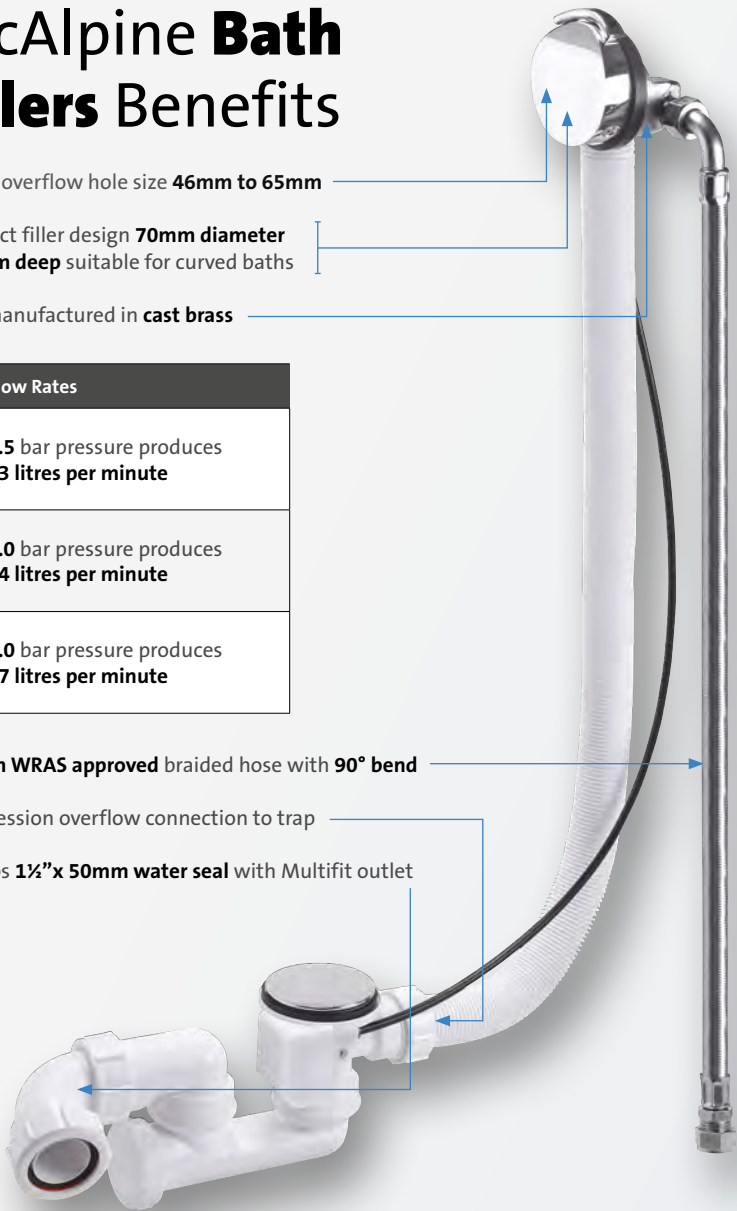
Product	Code	Size	Overflow Length	Plug	Trap
	HCN3365UK	1½"	575mm	Clicker	Swivel
	HCN3365UK-1M	1½"	1m	Clicker	Swivel
	HCN3165UK	1½"	575mm	Pop-Up	Swivel
	HCN3165UK-1M	1½"	1m	Pop-Up	Swivel
	HC2650UK-FIL	1½"	575mm	Domed CP Brass Clicker	Top Access
	HC2650UK-FIL-1M	1½"	1m	Domed CP Brass Clicker	Top Access

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	

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)
24	ST90CP10-53	1	1½"	Solvent Weld	25mm	53mm	24
	ST90CB10-53	2					
	ST90CPB-P-53	3					
	ST90CPB-S-53	4					
34	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					
42	ST90CP10-HP2	1	1½"	Compression	50mm	90mm	42
	ST90CB10-HP2	2					
	ST90CPB-P-HP2	3					
	ST90CPB-S-HP2	4					
	ST90WH10-HP2	5					
50	ST90CP10-HP	1	2"	Compression	50mm	90mm	50
	ST90CB10-HP	2					
	ST90CPB-P-HP	3					
	ST90CPB-S-HP	4					
	ST90WH10-HP	5					
50	ST90CP10-V	1	2"	Vertical Compression	50mm	106mm	50
	ST90CB10-V	2					
	ST90CPB-P-V	3					
	ST90CPB-S-V	4					
	ST90WH10-V	5					

⚠ Do not pour drain cleaner down these products. If sealant is required/prefered, we recommend the use of MacXseal.

90mm Shower Traps

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

Domes & Gratings/Flanges

1. ABS Chrome Dome

2. Brass Chrome Dome

3. Brass Chrome Flange & Grating

4. Brass Chrome Flange & Grating

5. White ABS Dome

6. Black ABS Dome

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

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. Where there is no water seal you may need to seek approval from building control.

65 Litres per minute tested under a constant 15mm Head of Water

High Flow Rate

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
53mm

ST90CP10-70
50mm water seal
70mm

ST90CP10-HP2
50mm water seal
90mm

ST90CP10-HP
50mm water seal
90mm

ST90CP10-V
50mm water seal
106mm

ST90CP10-NRV
Non Return Valve
53mm

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 15mm Head of Water*

Common Spares

Product	Description	1¼" Code	1½" Code	2" Code
	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	ARW10	-	-
	Bottle Trap Cup Rubber Seal for C10	CRW10	-	-
	Bottle Trap Cup Rubber Seal for E10	RW3	-	-
	Rubber Seal to Suit ST90 Dip Tube	P-RW-STW90	-	-
	Rubber Seal to Suit STW Dip Tube	P-OR-SHOWERTRP	-	-

1½" Shower Traps

Product	Code	Tops	Outlet Size	Outlet Type	Water Seal	Overall Height	Flow Rate (l/min)
(26)	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					
(22)	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					
(26)	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					

⚠ Do not pour drain cleaner down these products. If sealant is required/prefered, we recommend the use of MacXseal.

1½" Shower Traps

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

Domes & Gratings/Flanges

White Plastic Flange & Grating
1. ∅ 70mm   **2.** ∅ 85mm

CP Plastic Flange & Grating
3. ∅ 70mm   **4.** ∅ 85mm

CP Brass Flange & Grating
5. ∅ 70mm   **6.** ∅ 85mm

White Plastic Mushroom Dome
7. ∅ 70mm   **8.** ∅ 85mm

CP Stainless Steel Mushroom Dome
9. ∅ 70mm   **10.** ∅ 85mm

STW3-R
19mm water seal
95mm

STW4-95
50mm water seal
95mm

STW4-R
50mm water seal
118mm

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 15mm Head of Water*

Shower Trap Accessories

Standard Waste

To suit tray with maximum thickness of 22mm

	White Plastic	
	70mm Flange:	**STW70WH**
	85mm Flange:	**STW85WH**
	CP Plastic	
	70mm Flange:	**STW70CP**
	85mm Flange:	**STW85CP**
	CP Brass	
	70mm Flange:	**STW70CPB**
	85mm Flange:	**STW85CPB**
	GP Plastic	
	70mm Flange:	**STW70GP**
	85mm Flange:	**STW85GP**

Long Waste

With grid to suit tray with maximum thickness of 29mm

	White Plastic	
	70mm:	**STW70WHL**
	85mm:	**STW85WHL**
	CP Plastic	
	70mm:	**STW70CPL**
	85mm:	**STW85CPL**

Grating Only

For 70/85mm flanges

	White Plastic	
	Code:	**STWGR-WH**
	CP Plastic	
	Code:	**STWGR-CP**

Standard Locking Nut

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

	White Plastic	
	70mm:	**STW70LN**
	85mm:	**STW85LN**

Long Locking Nut

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

	White Plastic	
	70mm:	**STW70LNL**
	85mm:	**STW85LNL**

Mushroom Dome

	White Plastic	
	70mm:	**STW70WHM**
	85mm:	**STW85WHM**
	CP Plastic	
	70mm:	**STW70SSM**
	85mm:	**STW85SSM**

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

⚠ Do not pour drain cleaner down these products. If sealant is required/prefered, we recommend the use of MacXseal.

Wet Room
Brochure

Visit **our website** to view our wet room brochure

www.mcalpineplumbing.com

The only sealant **Tested and Approved** for use with **McAlpine Plumbing Products**
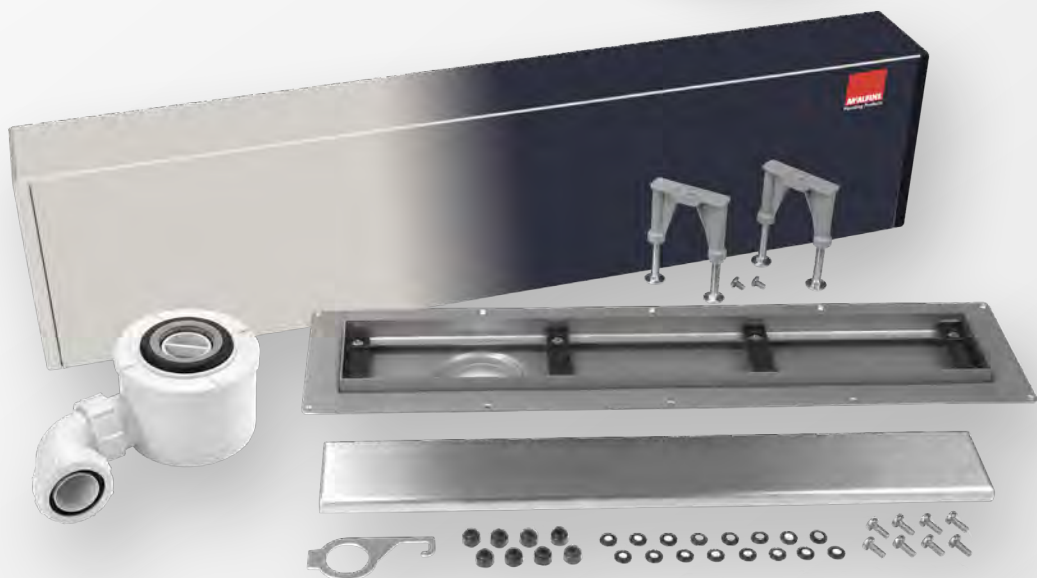
CD600-B

TILE-PLAIN-B

TSG2T6SS
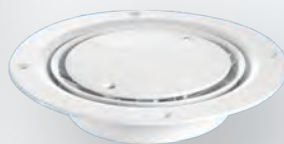
USG2WH

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**

Wet Room Products

CD600-B Shown Above

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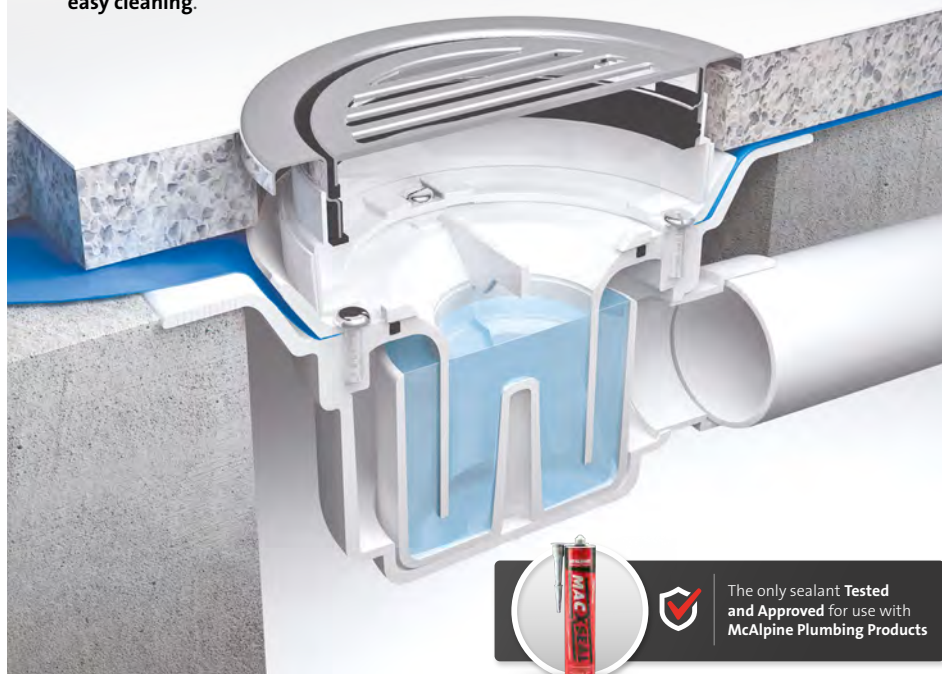
The only sealant **Tested and Approved** for use with **McAlpine Plumbing Products**

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	❶				
	TSG1WH-NSC		53	❷				
	TSG1SS	✔	50	❸				
	TSG1SS-SL-SC	✔	53.6	❹	2"	2" x 1½"	75mm	130mm
	TSG1SS-SL-NSC		53.6	❺				
	TSG1-ANTI/LIG	✔	31	❻				
	TSG50WH	✔	50.5	❶				
	TSG50WH-NSC		51	❷				
	TSG50SS	✔	48	❸				
	TSG50SS-SL-SC	✔	50.3	❹	2"	2" x 1½"	50mm	100mm
	TSG50SS-SL-NSC		50.3	❺				
	TSG50-ANTI/LIG	✔	44	❻				
	TSG52WH	✔	50.5	❶				
	TSG52WH-NSC		51	❷				
	TSG52SS	✔	48	❸		2" x 1½"		
	TSG52SS-SL-SC	✔	50.3	❹	2"	(and 2" swivel outlet fitting)	50mm	100mm
	TSG52SS-SL-NSC		50.3	❺				
	TSG52-ANTI/LIG	✔	44	❻				
	TSG2WH	✔	>70	❶				
	TSG2WH-NSC		>70	❷				
	TSG2SS	✔	>70	❸		110mm		
	TSG2SS-SL-SC	✔	>70	❹	110mm	x 2"	75mm	130mm
	TSG2SS-SL-NSC		>70	❺				
	TSG2-ANTI/LIG	✔	>70	❻				

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	Overal Depth
10	USG1WH	✔		❶			
	USG1WH-NSC			❷			
	USG1SS	✔	10	❸	22mm	-	45mm
	USG1SS-SL-SC	✔		❹			
	USG1SS-SL-NSC			❺			
68	USG2WH	✔		❶			
	USG2SS	✔	68	❸	2"	2" x 1½"	71mm
	USG2SS-SL-SC	✔		❹			
	USG2SS-SL-NSC			❺			
65	USG3WH	✔		❶			
	USG3SS	✔	65	❸	1½"	-	71mm
	USG3SS-SL-SC	✔		❹			
	USG3SS-SL-NSC			❺			

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**

⚠ Do not pour drain cleaner down these products. Do not use acetoxy silicone with these 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**				
	TSG1-T150SS		55	**B**				
	TSG1T6WH		55	**C**	2"	2" x 1½"	75mm	130mm
	TSG1-R125SS		56.9	**D**				
	TSG50T6SS	✔	52.6	**A**				
	TSG50-T150SS		53.6	**B**				
	TSG50T6WH		52.5	**C**	2"	2" x 1½"	50mm	100mm
	TSG50-R125SS		54.3	**D**				
	TSG52T6SS	✔	52.5	**A**				
	TSG52-T150SS		53.6	**B**		2" x 1½"		
	TSG52T6WH		52.5	**C**	2"	(and 2" swivel outlet fitting)	50mm	100mm
	TSG52-R125SS		54.3	**D**				
	TSG2T6SS	✔	>70	**A**				
	TSG2-T150SS		>70	**B**				
	TSG2T6WH		>70	**C**	110mm	110mm x 2"	75mm	130mm
	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
Untrapped Gullies

65 = Flow Rate

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**

⚠ Do not pour drain cleaner down these products. Do not use acetoxy silicone with these products.

Gullies with Non Return Valve

 = Flow Rate

VSG Gullies for use with Sheet Flooring

Product	Code	Securing Screws	Flow Rate (l/min)	Cover Plate	Outlet Size	Overall Depth
	VSG1WH	✔	30	1	1½"	75mm
	VSG1WH-NSC		30	2	1½"	85mm
	VS52WH	✔	30	1	1½"	75mm
	VSG52-SL-WH		30	2	1½"	59mm or 81mm
	VSG52SL-T6SQ-B		30		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
	VSG1T6SS	✔	30	A	1½"	75mm
	VSG52T6SS	✔	30	A	1½"	85mm

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Cover Plates & Tiles

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.

Choice of cover plates with or without screws

Non-return valve
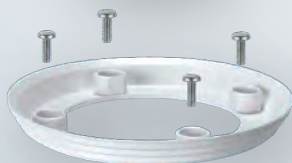
Clamp ring with 4 x M6 stainless steel screws

Gully body with 1½" BS EN 1329-1: 2020 solvent weld horizontal outlet

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

Top Access Shower Traps for use with Wet Rooms

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
35	TSG1WH-STW1R	✔	35	**1**	1½ Compression	19mm	138mm
37	TSG1WH-STW2R¹	✔	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
35	TSG1T6SS+STW1-R	✔	35	**A**	1½ Multifit	19mm Shallow Seal	138mm
37	TSG1T6SS-STW2R¹	✔	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.

Tiles & Gratings

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 11/2" 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 11/2" 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

Conversion Kits 75mm Water Seal

Conversion Kits from Tiled to Sheet Flooring 75mm Water Seal

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.

Code: **FGTR118TOP**

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.

Code: **TSGCONTV**

Converts any TSG1 or TSG2 Gully to a sheet flooring gully with polished Stainless Steel clamp ring, cover plate and dip tube.

Code: **TSGCONTVSS**

Conversion Kits from Sheet to Tiled Flooring 75mm Water Seal

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.

Code: **TSGCONVSS**

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.

Code: **TSGCONV**

Conversion Kits 50mm Water Seal

Conversion Kits from Tiled to Sheet Flooring 50mm Water Seal

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.

Code: **FGTR118TOP-50**

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.

Code: **TSGCONTV-50**

Converts any TSG50 or TSG52 Gully to a sheet flooring gully with polished Stainless Steel clamp ring, cover plate and dip tube.

Code: **TSGCONTVSS-50**

Conversion Kits from Sheet to Tiled Flooring 50mm Water Seal

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.

Code: **TSGCONVSS-50**

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.

Code: **TSGCONV-50**

Conversion Coverplate with 1 ½" Compression Inlet

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.

Code: **CPTSG**

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**
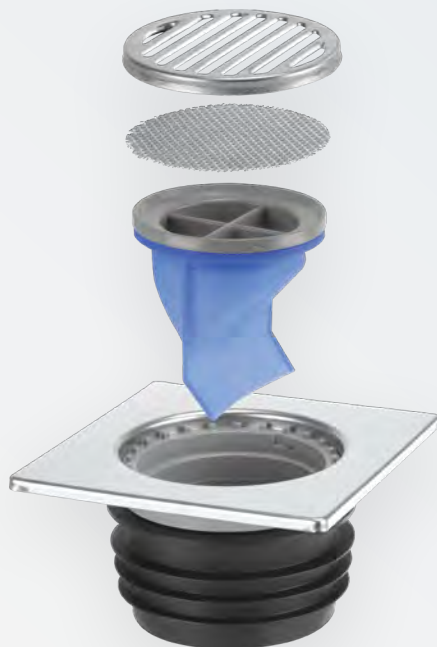
FGT150SV-110

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

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

31mm

31mm

20.5 - 25.5mm

85mm

150mm

88mm
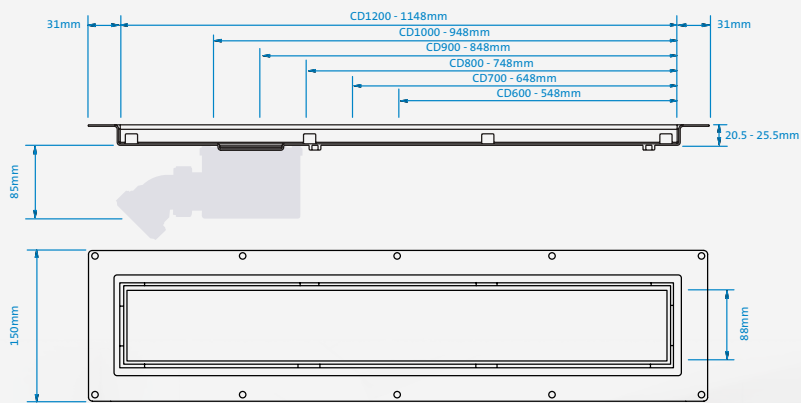
The only sealant **Tested and Approved** for use with **McAlpine Plumbing Products**

Channel Drains

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

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		**Slimline Channel Drain** with Polished Stainless Steel Cover Plate	
CD600-O-B	548mm	**CD600-O-P**	548mm
CD700-O-B	648mm	**CD700-O-P**	648mm
CD800-O-B	748mm	**CD800-O-P**	748mm
CD900-O-B	848mm	**CD900-O-P**	848mm
CD1000-O-B	948mm	**CD1000-O-P**	948mm
CD1200-O-B	1148mm	**CD1200-O-P**	1148mm

31mm   CD1200 - 1148mm   31mm
CD1000 - 948mm
CD900 - 848mm
CD800 - 748mm
CD700 - 648mm
CD600 - 548mm
20.5 - 25.5mm
85mm
88mm   45mm

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**

Trap Body with 11/2" Multifit outlet. Adjustable height 105-168mm. Flow rate 34 l/min

Code: **ST90-70B**

Trap Body 2" Vertical compression outlet. Adjustable height Flow rate 50 l/min

Code: **ST90-VB**

Trap Body with 2" Multifit outlet. Adjustable height 120-168mm. Flow rate 50 l/min

Code: **ST90-HPB**

Visit Our
Website

Visit **www.mcalpineplumbing.com**
for full technical information on
all our products

McALPINE
MADE IN UK
P.P.
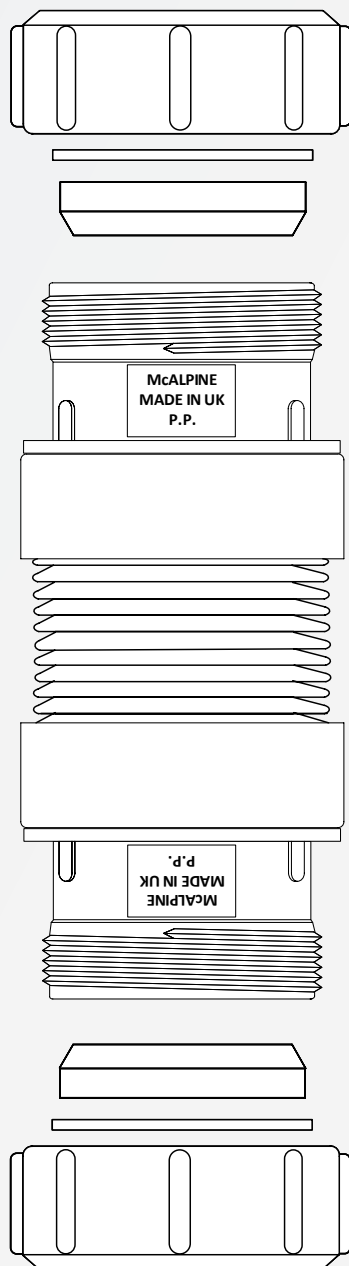
McALPINE
MADE IN UK
P.P.

BOSS110CAST-BL

ST90-OUT

MINIFLEX-1

S28M-NRV

ABS32/35A-CB

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.

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

Multifit Fittings

MADE IN BRITAIN

Made in Britain

All our Multifit Fittings are Made in Britain.
Quality Guaranteed.

MADE IN BRITAIN

QUALITY ASSURED
NO COMPROMISE
EST 1907

Product	Description	1¼" 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**

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-NRVS**
	In-Line Connector with Filter-Top Access Compression connection x ABS plain spigot	-	**T28M-FIL**	-

Flexible Connections

European sizes shown in brackets

Product	Code	1¼"	1½"	Solvent Weld Spigot	Type
	FLEXCON1	✔		✔	Compression x Solvent Weld Spigot
	FLEXCON2	✔	✔		
	FLEXCON2-LN		✔		Compression x BSP Loose Nut

Flexible Fittings

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**
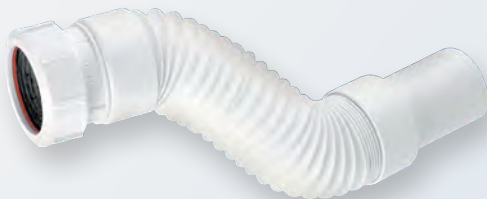
Flexible Fittings

Product	Code	1¼"	1½"	2"	Length Open/Closed	Type
	FLEXCON3	✔				
	FLEXCON4		✔		165mm / 250mm	Compression x Compression
	FLEXCON7			✔		
	FLEXCON5	✔				
	FLEXCON6		✔		165mm / 250mm	Compression x Solvent Weld Spigot
	FLEXCON8			✔		
	FLEX-JKS	✔			195mm / 370mm	BSP Male thread x BSP Loose Nut
	FLEXCON9		✔		260mm / 530mm	BSP Male thread X BSP Loose Nut

Short Miniflex Flexible Connectors

Product	Code	1¼"	1½"	2"	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**

Trap Extension Pieces

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"x1¼"	-	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

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	**MS4-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**

Plastic & Chrome Fittings

Chrome Plated Brass Waste Pipe & Fittings

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)

WALLFLANGE-CP42 →

ABS32/35G-CB →

Use these two products for a complete Chrome finish
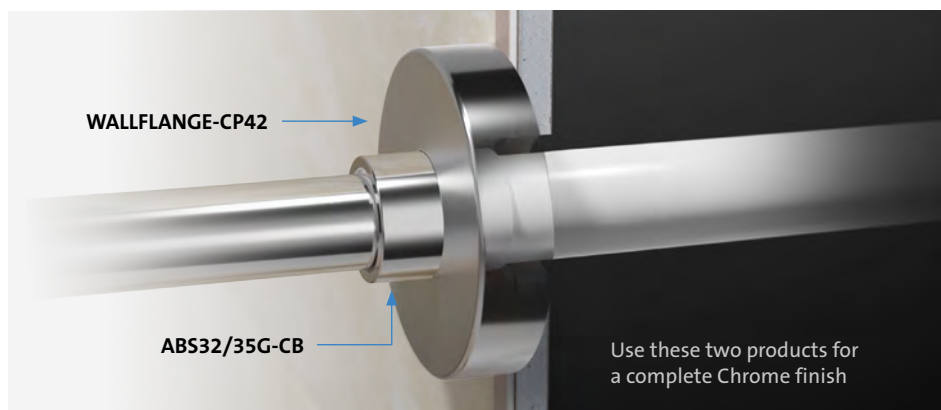
Chrome to Solvent Adaptors

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

Plastic & Chrome Fittings
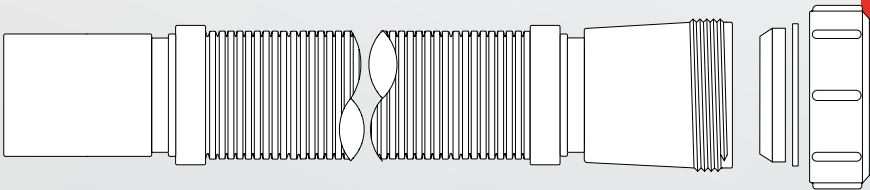
Drain Connectors

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-BO¹	4"/110mm	●	Straight 1½" Boss	4"/110mm 'O' Seal
	DC1-GR-BO¹	4"/110mm	●	Straight 1½" 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.

Plastic & Chrome Fittings

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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

M^cALPINE Plumbing Products × We are a **Living Wage** Employer

Proud to be a **Living Wage** Employer

Aluminium Roof Flashing (MacFlash)

MacFlash Product Benefits

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

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

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

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

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

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"

QUALITY ASSURED
**NO COMPROMISE**
EST 1907

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

MACTUN-1

CLAMP1WH

SWILF

R3M
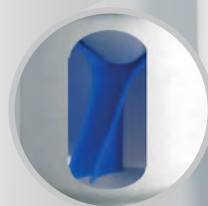
Overflow Pipe, Fittings & Condensate Products

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-1¹ Tundish and Non-Return Valve	22mm compression	15mm compression
	MACTUN-2¹ 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 to be installed in a vertical position

Product	Code	Outlet	Inlet	Colour
	TUNVALVE Visible Non Return Valve	19/23mm compression	¾" 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	1¼" compression	1¼" compression	◯
	CONVALVE-125P	1¼" compression	1¼" plain tail	◯

Condensate Products

Product	Code	Outlet	Inlet
	CONFLEX-300[1]	19/23mm compression	19/23mm compression
	CONFLEX-KIT1[2]	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.

Condensate Products

CONFLEX-KIT1
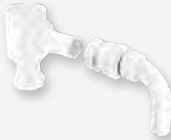
- For use in installation of **condensing boilers**

- 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

103

¾" Overflow Pipe & Fittings

Product	Description	¾" Pushfit	19/23mm Compression
	HDPE Overflow Pipe (3m)	**R-3M**	**-**
	Straight Connector	**R1**	**R1M**
	Straight Connector with 25mm washers	**R1M-CO¹**	**-**
	90° bend	**R2**	**R2M**
	135° bend	**R2A**	**R2AM**
	Tee	**R3**	**R3M**
	Straight Tank Connector	**R4**	**R4M**
	Blanking Cap	**-**	**R23U**
	Bent Tank Connector	**R5**	**R5M**
	Straight Female Coupling (fixed nut)	**R6**	**-**

1. For 25mm Flexible Pipe

¾" Overflow Pipe & Fittings

Product	Description	¾" Pushfit	19/23mm Compression
	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.

QUALITY ASSURED
NO
COMPROMISE
EST 1907

MADE IN BRITAIN

1¼" & 1½"Overflow Pipe & Fittings

Product	Description	1¼"	1½"	2"
	HDPE Waste Pipe (3m)	HD1-3M	HD2-3M	HD3-3M
	Pipe Clip	S30	T30	Z30
	90° deg Bend	S4A	T4A	-
	90° deg Knuckle Bend	S4E	T4E	-
	90° deg 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

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

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

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**

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

Refer back to listing p23/24

Tee Pieces with 19/23mm compression

PRODUCT GUIDE

⚠ 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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Website

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for full technical information on
all our products

SECTION FIVE

05

WC-CON16

WC-CON8FV

WC-CON2

WC-F26S
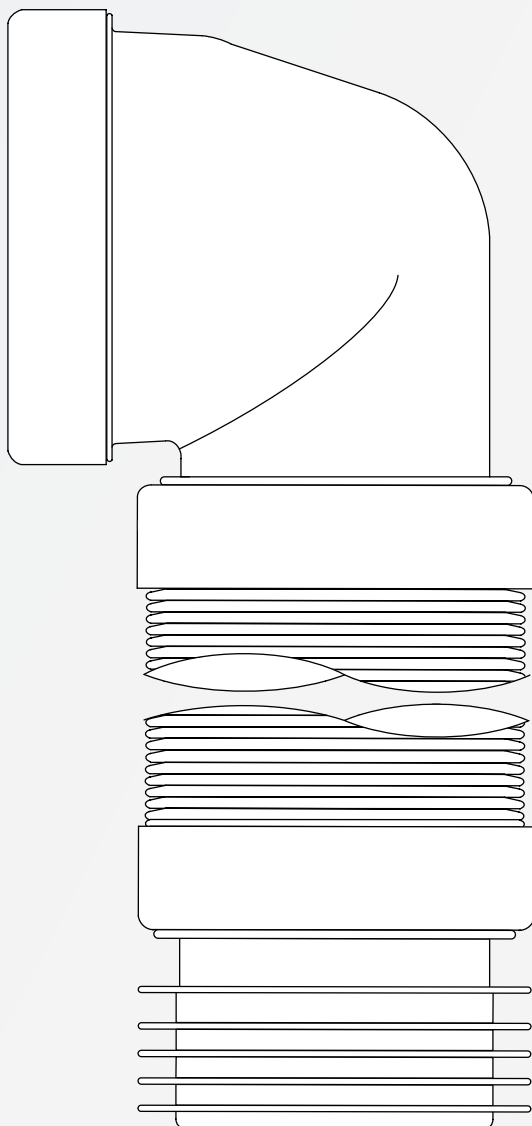
WC Connectors

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-F26R	170mm	410mm		
	WC-F23R	140mm	290mm	4"/110mm	
	WC-F18R	100mm	160mm		
	WC-F26RV	180mm	380mm		
	WC-F23RV	150mm	280mm	4"/110mm	✔
	WC-F26S	170mm	410mm		
	WC-F23S	140mm	290mm	3½"/90mm	
	WC-F18S	110mm	160mm		
	WC-F26SV	180mm	380mm		
	WC-F23SV	150mm	280mm	3½"/90mm	✔

CLOSED POSITION

FULLY EXTENDED POSITION

Type Tested and Monitored

TÜVRheinland ®
CERTIFIED
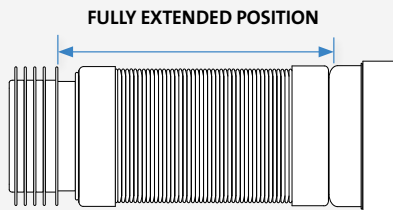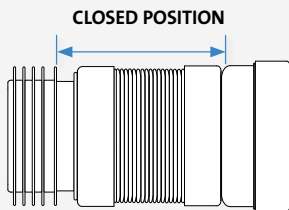
www.tuv.com
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Flexible WC Connectors 110mm Plain Ended   PRODUCT GUIDE

Product	Code	Closed Length	Extended Length	Outlet Size Plain Ended	1¼" 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	1¼" 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

WC-CON8F18-BTW

Rigid WC Connectors

	Straight 4"/110mm Outlet		40mm Offset 110mm Plain End Outlet	
	Code: **WC-CON1**		Code: **WC-CON4B**	
	Straight 4"/110mm Outlet c/w Vent Boss		20mm Offset Adjustable Length 4"/110mm Outlet	
	Code: **WC-CON1V**		Code: **WC-CON5**	
	Straight Adjustable Length 4"/110mm Outlet		20mm Offset Adjustable Length 3½"/90mm Outlet	
	Code: **WC-CON2**		Code: **WC-CON5B**	
	Straight Adjustable Length 3½"/90mm Outlet		10mm Offset Adjustable Length 110mm Plain End Outlet	
	Code: **WC-CON2B**		Code: **WC-CON6**	
	Straight Adjustable Length 110mm Plain End Outlet		14° Angle Adjustable Length 4"/110mm Outlet	
	Code: **WC-CON3**		Code: **WC-CON7**	
	20mm Offset 4"/110mm Outlet		14° Angle 4"/110mm Outlet	
	Code: **WC-CON4**		Code: **WC-CON7A**	
	40mm Offset 4"/110mm Outlet		14° Angle Adjustable Length 3½"/90mm Outlet	
	Code: **WC-CON4A**		Code: **WC-CON7B**	
			45° Angle 4"/110mm Outlet	
			Code: **WC-CON16**	

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

	WC Connector Extension for use with any MACFIT, Rigid or Flexible WC Connector.
	Code: **WC-CON-EXT**
	3½"/90mm Inlet x 4"/110mm Outlet Connector for use with any Rigid or Flexible WC Connector to provide a 1½"/40mm Universal Boss.
	Code: **WC-BP1**

WC-CON -EXT

WC-CON-EXT
In combination with
WC-CON8E
(Sold Separately)

WC -BP1

WC-BP1
In combination with
WC-CON8
(Sold Separately)

WC Connectors & Accessories

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

All MACFIT WC Connectors have a 97-107mm Inlet

MACFIT WC Connectors

	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**

WC Connector Wall Flange

	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**

 YouTube

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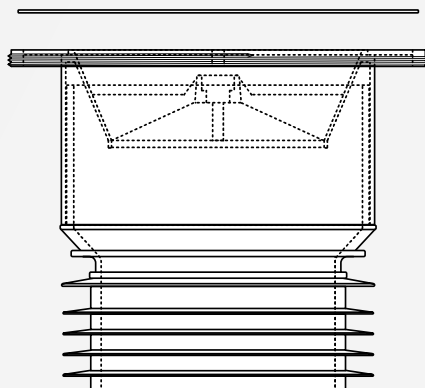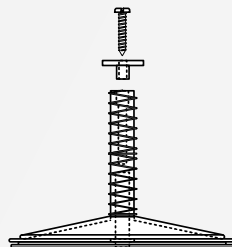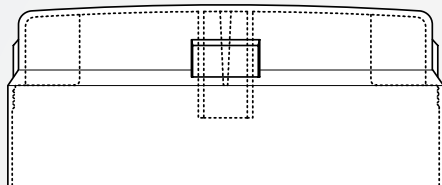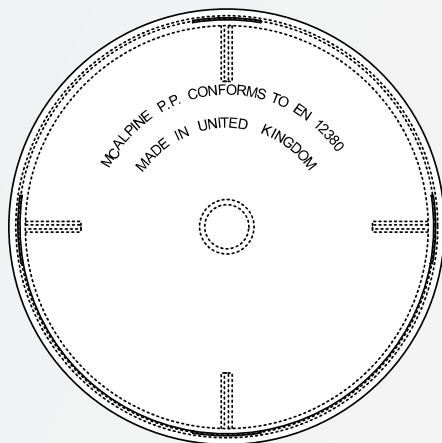
MACFILTER

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**

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.

TÜVRheinland®
CERTIFIED

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	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)

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	

Air Admittance Valves (Ventapipe)

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**
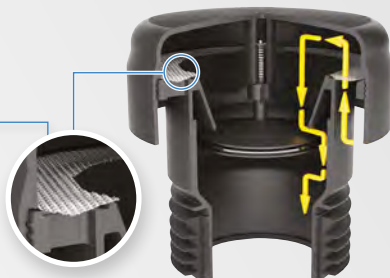
Internal Air Admittance Valve

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.

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:

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

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

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

Air Admittance Valves (Ventapipe)
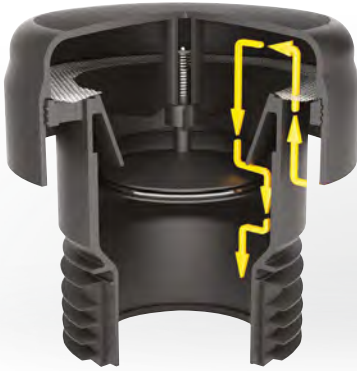
Open

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.

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 Seperators.

Replacement cartridge available
Code: CARBON-CAR

MAC-FIL

**Code:
MACFILTER**

▶ YouTube

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Subscribe to our **McAlpine Plumbing Products** channel

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Website

Visit **www.mcalpineplumbing.com**
for full technical information on
all our products

UPSW-4-22MM

CWU60-CB

MBSWSS85

FBW2PC

BSW1PC
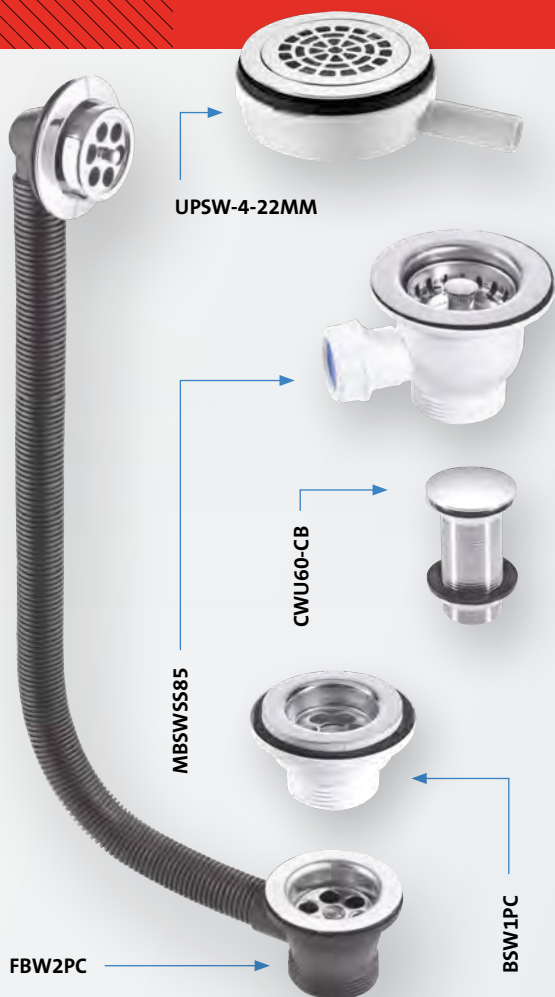
Waste Outlet Fittings & Waste Accessories

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

Waste Outlet Fittings & Waste Accessories

Basin Waste Outlets

Chrome Plated Brass Basin Wastes

Product	Code	Type	Size	Flange Size	Plug Type	Tail Length	Backnut
	BWU60SPH-CB	Unslotted	1¼"	60mm	Swivel Handle	3 ½"	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-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

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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	3 ½"	✔	✔

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	3 ½"	✔

Bath Waste Outlets

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
	BW5	1½"	70mm	CP Plastic	Black PVC
	W5	1½"	70mm	White Plastic	White PVC

Bath Waste Outlets

Clicker & Pop-up Bath Wastes & Overflow

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

Waste Outlet Fittings & Waste Accessories

McALPINE Plumbing Products & We are a Living Wage Employer

Proud to be a **Living Wage** Employer

Bath Waste Outlets

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-CP[1]	Pop-up	1½"	70mm	Stainless Steel	50mm Pop-up
	PUS113-CP[1]	Pop-up	1½"	113mm	Stainless Steel	Basket Strainer Pop-up

1. CP Plastic command knob

Waste Outlet Fittings & Waste Accessories

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Sink Waste Outlets

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	Flange Material	Plug Type	Overflow Grid	Ferrule Length
	BWSTSS	Centre Pin	113mm	Stainless Steel	Stemball	-	41mm
	BSWPVD			PVD Finish (Gold)			
	BSWCLS	Centre Pin	113mm	Stainless Steel	Clicker	-	41mm
	BWSTOFR-SS-GRID	Centre Pin	113mm	Stainless Steel	Stemball	Rectangular (grid)	41mm
	BWSTOFRS			Stainless Steel	Stemball	Rectangular (no grid)	
	BWSTOFSS			Stainless Steel	Stemball	CP Plastic	
	FBSWPVD			PVD Finish (Gold)	Stemball	PVD Finish	
	BSWCLS-OFSS			Stainless Steel	Clicker	CP Plastic	
	MBSWSS85	Centre Pin	85mm	Stainless Steel	Stemball	PVD Finish	55mm
	MBS85PVD			PVD Finish (Gold)			
	FMBSWSS85	Centre Pin	85mm	Stainless Steel	Stemball	CP Plastic	55mm

Waste Outlet Fittings & Waste Accessories

Sink Waste Outlets

Basket Strainer Wastes - Plugs

	Stainless Steel Strainer Plug for Basket Strainer Waste Stemball Plug
	Code: **BWSTSS-TOP**
	Stainless Steel Strainer Plug for Basket Strainer Waste Rubber Finger Seal Plug
	Code: **BSKTOP**
	Stainless Steel Strainer Plug for Basket Strainer Waste Mini Basket Strainer Plug
	Code: **MBSKTOP**
	Extension ferrule
	70mm Code: **BRBOLT70**
	90mm Code: **BRBOLT90**

The **All in One Fast Fix** Basin Clicker Waste **& Trap Solution**

See more in our **Traps section**

BK1

BK2

BK1

BK2

Shower Wastes

Shower Wastes

Product	Code	Model	Size	Flange Size	Flange Material	Tail Length
	BSW9P-F BSW10P-F	Centre Pin	1¼" 1½"	70mm	Stainless Steel	-
	CSWU3P	Backnut	1½"	60mm	Stainless Steel	70mm
	CWS5	Backnut	1½"	70mm	CP Plastic	46mm
	WS5	Backnut	1½"	70mm	White Plastic	46mm
	SWHF1-WH	Backnut	1½"	113mm	White Plastic	62mm

Made in **Britain**

All our wastes are Made in Britain.
Quality Guaranteed.

QUALITY ASSURED
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EST 1907

MADE IN BRITAIN

Shower Wastes

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

M°ALPINE
Scale Defender

Tackles **Limescale.** Protects **Homes & Pockets!**

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

WRAS
APPROVED PRODUCT

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"

Visit Our
Website

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

www.mcalpineplumbing.com

Waste Outlet Fittings & Waste Accessories

Waste Accessories

Plugs

Product	Code	Size	Material
	BP2H	1¾"	Black Plastic Handle
	BP3H	1½"	Black PVC Handle
	BP4H	1¾"	
	WP2H	1¾"	White Plastic Handle
	CP1H	1½"	CP Plastic Handle
	CP2H	1¾"	
	CP1	1½"	CP Plastic
	CP2	1¾"	
	BP3T	1½"	Black PVC
	BP4T	1¾"	
	BP5	2"	Black PVC
	WP1T	1½"	White Plastic
	WP2T	1¾"	
	WP3T	1½"	White PVC
	WP4T	1¾"	
	BP2-CAP¹	1¾"	Black Plastic (Captive)

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

Chains

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

Backnuts

Product	Code	Size	Flange
	BN1	1¼"	60mm
	BN2	1½"	70mm
	BN3	1½"	85mm
	BN5	2"	75mm

Tap Hole Stoppers

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

Soap Dispenser

Product	Code	Description
	SOAP-CP	½" litre bottle with CP plastic top for sink

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.

"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.**

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

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

"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.**

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

SECTION EIGHT 08

WC-CON8

VP100

STW2-R

HCN3165UK

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

Technical Details

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.

ASA10

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

Table From BS EN 12056-2:2000

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

CAA10

35A-CB

Product Information

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 Pages 97-98

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 43-44

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 Pages 115-116

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

Flexible WC Connectors see Pages 109-110

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

Rigid WC Connectors see Pages 113-114

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.

WC-CON8F18

VP50P

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Index (Code Number in Alphabetical and Numerical Order)

Notes

McALPINE
Plumbing Products

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McAlpine & Co Ltd
Kelvin Avenue
Hillington
Glasgow G52 4LF

Tel: 0141 882 3213

Fax: 0141 891 5065
Fax: (Sales Office) 0141 883 5697

www.mcalpineplumbing.com

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A COMMENT FROM OUR CUSTOMER:

Best traps and **waste fittings on the market** by a mile!

A COMMENT FROM OUR CUSTOMER:

Excellent range of quality products to get you through most challenges. Always new **well designed products** being introduced.

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

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