SECTION 01





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

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.

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			~
5	A10AV	C10AV	75mm	Plastic	~		~
	A10AR	C10AR	75mm	Plastic		~	~

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

Chrome Plated Basin Traps

- Pipe is 32mm European size and is adapted to UK size by MS4-32SOLVENT fitting giving an 1%" solvent weld outlet.
- · Wall flange included

Product	Code	Туре	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"	~

Chrome Plated Brass Waste Pipe, Fittings & Solvent Adaptors

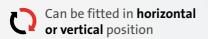


Self-Closing Waste Valves

Product	Code	Туре	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
	\$31U [,]	Straight	1¼"	BSP Male Thread	Compression
	T31U'	Straight	1½"	BSP Male Thread	Compression

^{1.} S4U, T4U, S31U & T31U only suitable for use with MACVALVE. 1½", BSP Female inlet nut x 1½", compression outlet, including tundish adapter 1½" BSP male thread x 22 mm compression inlet.

MacValve





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

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

OTHER BENEFITS

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



MACVALVE-3

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	Туре	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



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



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	Туре	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	Туре	Water Seal	Anti- Syphon	Adjustable Inlet
	BK2¹	-	-	Swivel 'P' with centre pin waste	75mm		~
	ASA10W²	-	-	Swivel 'P' with centre pin waste	75mm		~
	SB10	SD10	SF10	Swivel 'S'	75mm		
	SP10	TP10	ZP10	All One S or P Trap	75mm		~
	SP10V	TP10V	-	All One S/P Anti-Syphon	75mm	~	~
	SR10	TR10	SG10	Running 'P'	75mm		

Product	1¼" Code	1½" Code	2" Code	Туре	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		~
	ВТЗ	-	-	Low Inlet Swivel 'P'	75mm		
	BT4	-	-	Swivel 'P'	50mm		
75	-	П10	-	Waste Disposal	75mm		
	-	TRSH10	-	Running	20mm		

Pedestal Traps

Product	1¼" Code	1½" Code	2" Code	Туре	Water Seal	Anti- Syphon	Adjustable Inlet
	OBT1	-	-	Offset Basin			*
	OBT1V	-	-	Offset Basin		~	~
ij	X10	-	-	Pedestal			
	X10V	-	-	Pedestal		~	
- B	X10A	-	-	Pedestal			
	Y10	-	-	Pedestal with 1½" outlet			

Made in **Britain**

All our traps are Made in Britain. **Quality Guaranteed.**





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		~	
F3	V33WM	Twin Connector			~
	WM3-CAP	Cap for WM3			

Product	Code	Size	Туре
	SSINLET1	1½"	Space Saver Trap Inlet
	SSINLET2	1¼"	Space Saver Trap Inlet
	NUT-WMVALVE	3/ ⁿ	BSP Female Blank Cap
	NUT-BLANK-WH	1"	BSP Female Blank Cap
	R23U	19/23mm	Compression Blanking Cap
	228532	-	Blanking Plug for Appliance Connection



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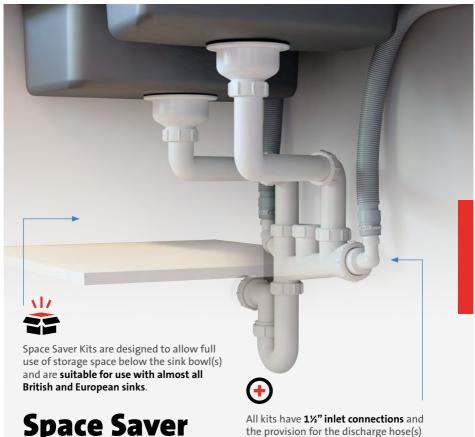
Nozzles

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

Tees

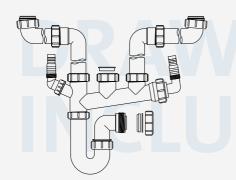
Product	Code	Nut	Thread	Nozzle	Туре
	V33L	1½" BSP	1½" BSP	3/ ⁿ /4	Swept Tee
	V34L	1¼" BSP	1¼" BSP	3/ ₄ "	Tee
Boy	V33S	1½" BSP	1½" BSP	3/,"	Tee Piece

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



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.



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

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

4

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 Units

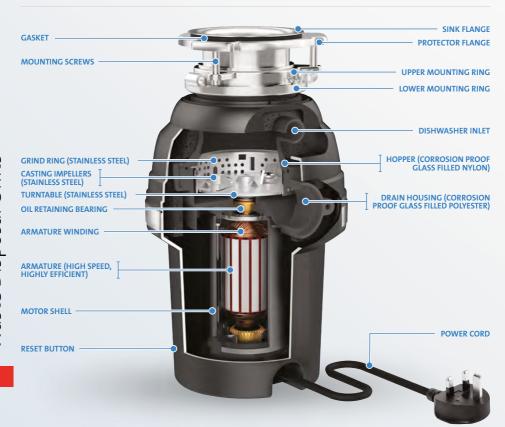
Waste Disposal Unit Features

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

- 25% more torque than other brands provides more grinding power
- Unique permanent magnet motor produces higher RPM (revolutions per minute) than AC (alternating current) induction motors
- Corrosion proof cast stainless steel impellers on all models
- 180° dual swivel anti-jam impellers prevent jamming

- **High efficiency** performance saves time, water and energy
- Motor incorporates **sound eliminating** insulation technology for quiet operation
- **BioGuard antimicrobial** eliminates bacteria and odours
- · Power cord included
- Supplied with 90° Bend x 11/2" BSP thread for connection to trap

Product Features



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

Perfect Grinding System

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

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

Corrosion Proof Grinding Chamber

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



Accessories

Batch Feed Kit

BFKIT-1UK

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



Air Switch Adaptor

AS-UK

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



Bath Traps

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

Bath Traps PRODUCT GUIDE

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	

HC2650UK

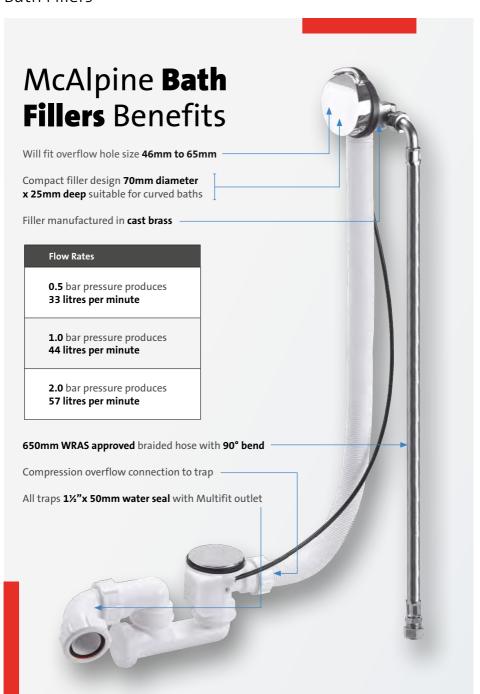
Shallowest Top access combined Bath Trap & Waste on the Market

- 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.





Bath Fillers PRODUCT GUIDE

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	Туре	Plug
	BRASSTRAP-50-CP	1½"	50mm	Trap, Waste & Overflow	& Clicker
90	BRASSTRAP-25-CP	1½"	25mm	Trap, Waste & Overflow	& Clicker
	BATHTRAP-50-CPB	1½"	50mm	Trap	
	BATHTRAP-25-CPB	1½"	25mm	Trap	



Manufacturing plastic traps in the UK since 1957



Pushfit Traps PRODUCT GUIDE

• 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
0	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 (I/min)
24	ST90CP10-53	1		Solvent Weld	25mm	53mm	24
	ST90CB10-53	2	1½"				
	ST90CPB-P-53	3					
	ST90CPB-S-53	4					
34	ST90CP10-70	1					
	ST90CB10-70	2					
	ST90CPB-P-70	3	1½"	Compression	50mm	70mm	34
	ST90CPB-S-70	4	2/2			75	
	ST90WH10-70	5					
	ST90MB10-70	6					
\$ 42	ST90CP10-HP2	1					
0	ST90CB10-HP2	2					
	ST90CPB-P-HP2	3		Compression	50mm	90mm	42
	ST90CPB-S-HP2	4					
	ST90WH10-HP2	5					
≥ 50	ST90CP10-HP	1		Compression	50mm	90mm	50
	ST90CB10-HP	2					
	ST90CPB-P-HP	3	2"				
	ST90CPB-S-HP	4					
	ST90WH10-HP	5					
\$50	ST90CP10-V	1					
	ST90CB10-V	2					
	ST90CPB-P-V	3	2"	Vertical Compression	50mm	106mm	50
	ST90CPB-S-V	4					
	ST90WH10-V	5					

90mm Shower Traps

PRODUCT GUIDE

Product	Code	Tops	Outlet Size	Outlet Type	Water Seal	Overall Height	Flow Rate (I/min)
24	ST90CP10-NRV	•	1½"	Solvent Weld	Non-return Valve	53mm	24

Domes & Gratings/Flanges













Additional Accessories

110mm CP Plastic Dome

ST90MECPTOP+SUPP

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



110 mm CP Domed Flange

ST90CPTOP+TUBE

Suitable for use with ST90CP10, ST90CB10 and ST90WH10 traps.



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

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.



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



High Flow Rate





53mm



ST90CP10-70 50mm water seal



ST90CP10-HP2 50mm water seal



ST90CP10-HP 50mm water seal



ST90CP10-V 50mm water seal



ST90CP10-NRV Non Return Valve



Flow Rates

All McAlpine shower traps with top access surpass the minimum required flow rate when tested in accordance with clause 5 of BS EN 274-2:2002. With exception of the \$T90-53 range.



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

Common Spares

Product	Description	1¼" Code	1½" Code	2" Code
0	Trap Inlet Washer	RW1	RW2	RW3
0	Multifit Rubber Olive	RWM1	RWM2	RWMЗ
	Multifit Plastic Friction Washer	PWM1	PWM2	РWМЗ
	Multifit Loose Nut	S8M	Т8М	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 (I/min)
26	STW1-R	1					
	STW5-R	2					
	STW3-R	3					
	STW7-R	4					
	STW3-RB	5	1½"	Compression	19mm	95mm	26
SO/07	STW7-RB	6					
	STW1-M	7					
	STW5-M	8					
	STW3-M	9					
	STW7-M	10					
22	STW2-95	1		Multifit	50mm	95mm	22
	STW6-95	2	1½"				
	STW4-95 STW8-95	3					
316	STW4B-95	4					
	STW8B-95	5					
	STW2M-95	6					
	STW6M-95	8					
	STW4M-95	9					
	STW8M-95	10					
_	STW2-R	0					
26	STW6-R	2					
	STW4-R	3					
	STW8-R	4					
	STW4-RB	5					
	STW8-RB	6	1½"	Multifit	50mm	118mm	26
	STW2-M	7					
	STW6-M	8					
	STW4-M	9					
	STW8-M	10					

Product	Code	Tops	Outlet Size	Outlet Type	Water Seal	Overall Height	Flow Rate (I/min)
22	STW4-65	0	1½"	Solvent Weld	20mm	65mm	22

Domes & Gratings/Flanges

with clause 5 of BS EN 274-2:2002.





Standard Waste

To suit tray with maximum thickness of 22mm



Long Waste

With grid to suit tray with maximum thickness of 29mm



Grating Only

For 70/85mm flanges



Standard Locking Nut

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



Long Locking Nut

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



Mushroom Dome

	White Plastic			
	70mm:	STW70WHM		
	85mm:	STW85WHM		
9	CP Plast	ic		
	70mm:	STW70SSM		
	85mm:	STW85SSM		

57

Dip Tubes

To suit STW Trap



Rubber 'O' Ring Seal

To suit STW dip tube



Plumbers Mate

Tel: 01323 720368

www.plumbers-mate-sales.co.uk



All McAlpine Spares are **available** from the Plumbers Mate website

