Anti-Syphon Traps (Silentraps)

General

- By drawing air through the valve, the Silentrap neutralises syphonic pressure before it reaches the seal of the trap and therefore provides the equivalent of a ventilated system without the installation of costly and unsightly ventilation pipes
- The Silentrap has been most rigorously tested and will not unseal, even under the most abnormal conditions
- The Silentrap should continue to be effective irrespective of the distance between the appliance and the soil pipe

Operation

Whenever syphonic conditions develop, the negative pressure causes the valve to rise, allowing air to be drawn into the discharge pipe. The pressure is thereby neutralised before it can have any effect on the water seal within the trap. On cessation of the syphonic action, the valve closes, making the Silentrap air and watertight.

Advantages

- The major advantage of the Silentrap over Resealing Traps is that because the air is drawn through the valve and not through the water seal, gurgling is eliminated and a much quieter discharge is ensured
- Eliminates the need for secondary ventilation
- Silentrap valves are available on a wide range of Bottle, Tubular and Bath Traps
- Silentraps allow for greater flexibility in plumbing design

The products below simply show that the Silentrap attachment is available on Bottle, Tubular and Bath Traps. Popular Anti-Syphon Traps are shown throughout this catalogue. All traps marked* are available as Anti-Syphon (Silentrap). Add suffix ‘V’ to code

A report of a special investigation by the Building Research Establishment on the performance of these traps under discharge and syphonic conditions is available on request
Resealing Bottle Traps

General
Resealing Bottle Traps are an alternative to Anti-Syphon Traps (Silentraps) and may be used in similar circumstances.

Operation
When the trap is subject to syphonic conditions the automatic hydraulic action allows air to be drawn through the inlet of the trap and through the bypass columns thus breaking the syphonic action. On cessation of syphonic conditions the remaining water falls back to reseal the trap. The Silentrap ventilates by drawing air through a non-return valve, whereas the Resealing Trap ventilates by drawing air through the inlet of the trap and through the water seal.

Advantages
- The simple non-mechanical action ensures retention of adequate water seal even under extreme syphonic conditions
- Eliminates the need for secondary ventilation

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>1 1/4”</td>
<td>1 1/2”</td>
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</tbody>
</table>

Standard

- A10R C10R

Adjustable Inlet

- A10AR C10AR

Resealing Shower Trap

Code STW4-RB

- Full range of Resealing Shower Traps see pages 26-28

Adjustable Inlet Chrome Plated

- A10AR-CP C10AR-CP

- Bends are available for converting ‘P’ traps to ‘S’ traps see page 6
## Bottle Traps with 75mm Water Seal

<table>
<thead>
<tr>
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<td></td>
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<tr>
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<td>-</td>
<td>Anti-Syphon (Silentrap)</td>
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<tr>
<td></td>
<td></td>
<td>Adjustable Inlet Basin Trap with centre pin waste</td>
<td></td>
</tr>
<tr>
<td>AA10W</td>
<td>-</td>
<td>Resealing</td>
<td></td>
</tr>
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<td>Adjustable Inlet</td>
<td></td>
</tr>
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<td>C10A</td>
<td>50mm Water Seal</td>
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<td>S1M</td>
<td>T1M</td>
<td>Conversion Bend to convert bottle ‘P’ trap to ‘S’ trap</td>
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<td></td>
<td></td>
<td>38mm Water Seal</td>
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Chrome Plated Bottle Traps

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<td>Code</td>
<td>Code</td>
<td>Code</td>
</tr>
<tr>
<td>Resealing Trap</td>
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<tr>
<td>Adjustable Inlet</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>A10AR-CP</td>
<td>C10AR-CP</td>
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<tr>
<td>Adjustable Inlet</td>
<td></td>
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<tr>
<td></td>
<td>CAA10</td>
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</tbody>
</table>

Anti-Syphon (Silentrap) incorporating a Silicone Valve

- The silicone valve prevents back pressure
- The Silentrap valve ensures retention of the water seal under extreme working conditions and eliminates the need for secondary ventilation
- The Silentrap valve reduces noise (gurgling) during discharge
- The silicone valve prevents foul odour or sewer gas entering the building if the water seal has evaporated which may occur due to lack of use through under occupancy
- Removable cup to facilitate easy cleaning
- Interchangeable with existing McAlpine traps

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<th>1(\frac{1}{4})“</th>
<th>1(\frac{1}{2})“</th>
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</thead>
<tbody>
<tr>
<td>Code</td>
<td>Code</td>
<td>Code</td>
</tr>
<tr>
<td>Anti-Syphon (Silentrap) Adjustable Inlet with Non-Return Valve</td>
<td>A10AV-SV</td>
<td>C10AV-SV</td>
</tr>
</tbody>
</table>
Chrome Plated Basin Traps, Pipe and Wall Flange

- All kits except TA32UK-CB and TA32VUK-CB supplied with MS4-32SOLVENT fitting as illustrated. For additional fittings see pages 54 and 61
- For Chrome Plated Brass Waste Pipe and Fittings see pages 60 and 61

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1 1/4” x 50mm Water Seal Brass Adjustable Inlet Cylindrical Bottle Trap</strong> with 12” length of 32mm OD CP brass waste pipe and wall flange</td>
<td>CA32MINI-CB</td>
</tr>
<tr>
<td><strong>1 1/4” x 75mm Water Seal Brass Adjustable Inlet Cylindrical Bottle Trap</strong> with 16” length of 32mm OD CP brass waste pipe and wall flange</td>
<td>CA32UK-CB</td>
</tr>
<tr>
<td><strong>1 1/4” x 50mm Water Seal Plastic Adjustable Inlet Tubular Anti-Syphon Trap (Silentrap)</strong> with 12” length of 32mm OD CP brass waste pipe and wall flange</td>
<td>TA32VUK-CB</td>
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<tr>
<td><strong>1 1/4” x 75mm Water Seal Plastic Adjustable Inlet Bottle Trap</strong> with 16” length of 32mm OD CP brass waste pipe and wall flange</td>
<td>A32UK-CP</td>
</tr>
<tr>
<td><strong>1 1/4” x 50mm Water Seal Brass Adjustable Inlet Square Bottle Trap</strong> with 12” length of 32mm OD CP brass waste pipe and wall flange</td>
<td>CA32SQUK-CB</td>
</tr>
<tr>
<td><strong>1 1/4” x 75mm Water Seal Brass Adjustable Inlet Bottle Trap</strong> with 16” length of 32mm OD CP brass waste pipe and wall flange</td>
<td>A32UK-CB</td>
</tr>
</tbody>
</table>
**MacValve Self-Closing Waste Valve**

- 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 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 1¼" BSP female inlet nut x 1¼" universal compression outlet**

**Code** MACVALVE-1

---

**MacValve 1½" BSP female inlet nut x 1½" universal compression outlet**

**Code** MACVALVE-2

---

**MacValve 2" universal compression outlet x 2" universal compression outlet**

**Code** MACVALVE-3

---

**90° Bend 1¼" female inlet nut x 1¼" BSP male connector**

**Code** S4U*

**90° Bend 1½" female inlet nut x 1½" BSP male connector**

**Code** T4U*

**Straight Connector 1¼" BSP male thread x 1¼" universal compression connection**

**Code** S31U*

**Straight Connector 1½" BSP male thread x 1½" universal compression connection**

**Code** T31U*

**1½" Space Saver MacValve Inlet**

**Code** SSINLET1

**1¼" Space Saver MacValve Inlet**

**Code** SSINLET2

---

* S4U, T4U, S31U AND T31U FITTINGS ONLY SUITABLE FOR USE WITH MACVALVE

Do not pour drain cleaner down these products
Space Savers with Self-Closing Waste Valves

- The internal 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 valve allows air to be drawn into the discharge waste pipe when negative pressures occur and eliminates the need for secondary ventilation to the discharge pipework. This allows for greater flexibility in the plumbing design.
- The valve can be easily cleaned without having to disassemble the discharge pipework. Simply remove the split pin at the front of the valve, take out the plug and membrane and clean in hot soapy water. Reassemble and relocate the split pin in the slot provided.
- The self-cleaning waste valve having no water seal can never dry out through evaporation or lack of use of the appliance as the membrane seal remains closed.
- Do not pour drain cleaner down these products.

1 1/4" BSP female inlet nut x 1 1/4" universal compression outlet

<table>
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<tr>
<th>Code</th>
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1 1/2" BSP female inlet nut x 1 1/2" universal compression outlet

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Tubular Traps with 75mm Water Seal

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<td>Swivel ‘P’</td>
<td>SA10</td>
<td>SC10</td>
<td>SE10</td>
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<tr>
<td>Anti-Syphon (Silentrap)</td>
<td>SA10V</td>
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Adjustable Inlet

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<tr>
<td>ASA10</td>
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<tr>
<td>Adjustable Inlet Anti-Syphon (Silentrap)</td>
<td>ASA10V</td>
<td>ASC10V</td>
<td>ASE10V</td>
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</table>
Tubular Traps with 75mm Water Seal

SECTION 1

**Adjustable Inlet Basin Trap**
with centre pin waste

- ASA10W*

**Low Inlet**

- BT3*

**50mm Water Seal**

- BT4

**Adjustable Inlet**
with connection for 19/23mm pipe

- ASA10-SP* ASC10-SP*

**Swivel ‘S’**

- SB10 SD10 SF10

**All One**

- SP10 TP10 ZP10

**Anti-Syphon (Silentrap)**

- SP10V TP10V

**Running ‘P’**

- SR10* TR10* SG10*

**Running ‘S’**

- SS10 TS10 SH10

**MacValve Self-Closing Waste Valve**

**Running** suitable for most waste disposal units

- TT10 *

**Running** with 20mm water seal

- TRSH10

**Adjustable Inlet** with 19mm water seal

- BT1 BT2

**Offset Basin Trap** with adjustable inlet and cleaning eye

- OBT1

**Offset Anti-Syphon (Silentrap) Basin Trap** with adjustable inlet and removable anti-syphon valve for cleaning purposes

- OBT1V

**Straight Through** with one cleaning eye

- 1¼” Inlet x 1¼” outlet X10

**Straight Through Anti-Syphon (Silentrap)** with one cleaning eye

- 1¼” Inlet x 1¼” outlet X10V

**Straight Through** with two cleaning eyes

- 1¼” Inlet x 1½” outlet X10A
- 1¼” Inlet x 1½” outlet Y10
Domestic Appliance Traps 1½" x 75mm Water Seal

General
- Domestic Appliance Traps provide the facility to accept the discharge from a washing and/or dishwashing machine(s) and are suitable for new and existing installations.
- In all cases a blank cap, plug or blank nozzle is provided with the trap. Should the domestic appliance not be connected at the time of installation, the trap will function as a normal sink trap whilst providing an easily accessible point for the future installation of any appliance(s).

Sink Traps with connection for the discharge from domestic appliance(s)

<table>
<thead>
<tr>
<th>Code</th>
<th>WM1*</th>
<th>Code</th>
<th>WM2</th>
<th>Code</th>
<th>WM2V</th>
<th>Code</th>
<th>WM14*</th>
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With Adjustable Inlet

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<tr>
<th>Code</th>
<th>WM11*</th>
<th>Code</th>
<th>WM12*</th>
<th>Code</th>
<th>WM13*</th>
<th>Code</th>
<th>ASC10-CO*</th>
</tr>
</thead>
</table>

Standpipe Trap and Fittings

- Twin Connector for plumbing two domestic appliance discharge hoses into standpipe trap
- Code V33WM

- Multifit outlet to suit either 1½" or 40mm diameter standpipe
- 135° swivel nozzles for washing and/or dishwashing machine discharge hoses - supplied with blanking plugs
- Discharge hose(s) to be taken to the height stated by the appliance manufacturer(s)
- An air break, as specified by appliance manufacturers is incorporated within the connector

Standpipe Trap

<table>
<thead>
<tr>
<th>Code</th>
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Standpipe Cap with retaining clip

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<thead>
<tr>
<th>Code</th>
<th>WM3-CAP</th>
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All traps marked* available as anti-syphon (Silentrap). Add suffix ‘V’ to code. See page 4 for technical details.
The TeeVent system, which incorporates a non-return valve, provides an air break and enables the waste system to be sealed. This system has the advantage over a standpipe arrangement in that should a blockage occur, the non-return valve prevents flooding.

TV1 can be used with domestic appliance trap WM4.

All domestic appliance traps must be fitted in accordance with the fixing instruction leaflet included with each trap.

**Sink Trap with TeeVent**

- The TeeVent system, which incorporates a non-return valve, provides an air break and enables the waste system to be sealed. This system has the advantage over a standpipe arrangement in that should a blockage occur, the non-return valve prevents flooding.
- TV1 can be used with domestic appliance trap WM4.
- All domestic appliance traps must be fitted in accordance with the fixing instruction leaflet included with each trap.

**Accessories**

<table>
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<th>Code</th>
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</table>

- **Straight Nozzle** for connection to 1½” Multifit
- **90° Nozzle** for connection to 1½” Multifit
- **135° Nozzle** for connection to 1” BSP thread
- **Blanking Plug** for traps and fittings
- **Swept Tee** BSP nut x BSP thread x nozzle for discharge hose of domestic appliance
- **Tee Piece** BSP nut x BSP thread x 135° nozzle for discharge hose of domestic appliance

When installing domestic appliance traps, care should be taken to observe the instructions of the manufacturer of the appliance, particularly with regard to the height of the discharge hose and the incorporation of an air break or vent to atmosphere.

All traps marked* available as anti-syphon (Silentrap). Add suffix ‘V’ to code. See page 4 for technical details.
Space Saver and Standard Plumbing Kits for Sinks. Plumbing

General
- 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.
- 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.

Single Bowl Kit
- Code: SSK1

Double Bowl Kit
- Code: SSK2

Three Bowl Kit
- Code: SSK3

1½" Space Saver Trap Inlet
- Code: SSINLET1

1¼" Space Saver Trap Inlet
- Code: SSINLET2

1⅛"/1½" Plumbing Kit for adjustable height basin or sink
(supplied with T16 1½"/1¼" trap inlet reducer)
- Code: FLEXKIT1
Kit for Adjustable Height Basin or Sink

General
- Standard Kits have the provision for the discharge hose(s) of domestic appliance(s) and are suitable for use with almost all British and European sinks.
- 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 supplied in a polythene bag complete with an illustrative drawing.

Bowl and a Half Kit
Code SK1

Double Bowl Kit
Code SK2

Bowl and a Half Kit
Code SK1A

Double Bowl Kit
Code SK2A

Three Bowl Kit
Code SK3

Blanking Plug(s) included with all plumbing kits
Code 228532

Code SK1
Condensate Products for Connecting Condensate Discharge

### Basin and Sink Traps

- **1¾” x 75mm Water Seal Tubular Swivel Basin Trap**
  - with adjustable inlet and connection for 19/23mm pipe. Supplied with blanking cap
  - Code: ASA10-SP*

- **1½” x 75mm Water Seal Tubular Swivel Sink Trap**
  - with adjustable inlet and connection for 19/23mm pipe. Supplied with blanking cap
  - Code: ASC10-SP*

- **1½” x 75mm Water Seal Tubular Swivel Sink Trap**
  - with adjustable inlet, nozzle for discharge hose of domestic appliance and connection for 19/23mm pipe. Supplied with blanking cap
  - Code: ASC10-CO*

- **19/23mm Inlet and Outlet x 75mm Water Seal Offset Trap**
  - to receive discharge from a condensing boiler. Supplied with support clip
  - Code: OBT1-CO

### Flexible Connector from Condensing Boiler to Rigid or Flexible Condensate Discharge Pipe

- Easy connection to boiler condensate discharge pipe
- Allows for disconnection in freezing conditions for discharge to be redirected into a receptacle
- Universal compression connections suitable for 19/23mm rigid pipe and 25mm flexible pipe

- **200mm Flexible Connector**
  - Code: CONFLEX-200

- **300mm Flexible Connector**
  - Code: CONFLEX-300

### Flexible Condensate Pipe Kit

- For use in installation of condensing boilers
- Eliminates use of traditional rigid discharge pipe and fittings thereby allowing complete flexibility to discharge point
- Includes fittings to allow for easy connection to sanitary pipework
- Allows for disconnection in freezing conditions for discharge to be redirected into a receptacle
- Particularly useful where installation space is restricted

**Flexible Condensate Pipe Kit - contents**
- 1 x 3m length of 25mm flexible pipe
- 6 x 25mm pipe clips
- 2 x straight connectors with universal compression connections suitable for 19/23mm rigid pipe and 25mm flexible pipe
- 1 x 1¾” plain tail ABS solvent weld reducer to 19/23mm rigid pipe and 25mm flexible pipe

- Code: CONFLEX-KIT1

---

All traps marked* available as anti-syphon (Silentrap). Add suffix 'V' to code. See page 4 for technical details.
Soakaway - Container for use with limestone chippings. External use only

110mm x 300mm x 1 1/4" / 1 1/2"
Pipe top and side Inlet Connections to receive discharge from a condensing boiler. 19/23mm x 1 1/4" fitting provided to increase size of discharge pipe before it passes through the external wall
Code SOAK1GR

Mechanical Soil Pipe Boss Connectors

Mechanical Soil Pipe Boss Connector 57mm hole saw size. Supplied with fixing tool
4"/110mm x 1 1/4" pipe
Code BOSSCONN110-BL
4"/110mm x 1 1/2" pipe
Code BOSSCONN110T-BL
4"/110mm x 1 1/2" pipe
Code BOSSCONN110-GR
4"/110mm x 1 1/2" pipe
Code BOSSCONN110T-GR

Two-Piece Cast Iron Soil Pipe Boss Connector to suit 22mm drill size. Supplied with fixing tool
4"/100mm x 1 1/4" pipe
Code BOSS110CAST-BL
4"/100mm x 1 1/2" pipe
Code BOSS110TCAST-BL
3 1/2"/90mm x 1 1/4" pipe
Code BOSS90CAST-BL
3 1/2"/90mm x 1 1/2" pipe
Code BOSS90TCAST-BL
3"/82mm x 1 1/4" pipe
Code BOSS82CAST-BL
3"/82mm x 1 1/2" pipe
Code BOSS82TCAST-BL

For full range of Boss Connectors see page 63
Bath Traps 75mm, 60mm, 50mm and 19mm Water Seal

Bath Traps without Overflows

- **1\(\frac{1}{2}\)" x 75mm Water Seal**
  - Code: L10

- **1\(\frac{1}{2}\)" x 50mm Water Seal**
  - Code: SM10

- **1\(\frac{1}{2}\)" x 60mm Water Seal Anti-Syphon (Silentrap)**
  - Code: L10V

- **1\(\frac{1}{2}\)" x 60mm Water Seal (Extended Body)**
  - Code: SM10E

- **1\(\frac{1}{2}\)" x 60mm Water Seal (Extended Body) Anti-Syphon (Silentrap)**
  - Code: SM10EV

- **1\(\frac{1}{2}\)" x 19mm Water Seal**
  - Code: Q10

- **1\(\frac{1}{2}\)" x 19mm Water Seal Anti-Syphon (Silentrap)**
  - Code: SM10V

Bath Trap with Top Access

- **1\(\frac{1}{2}\)" x 50mm water seal swivel bath trap**
- **CP brass waste with top access and spring-loaded mushroom plug**
- **Matching CP mushroom plug and CP overflow face**
- **Adjustable flexible overflow tube length 330mm - 580mm**
- **Overall height of trap only 112mm**
- **FOR EXTENSION KIT SEE PAGE 30**

For Bath Waste Outlet Fittings suitable for use with the above Traps see pages 93-95
Bath Traps with Overflows

1½" x 75mm Water Seal with flexible overflow tube and CP overflow grating

Code

FJ10*

1½" x 75mm Water Seal with flexible overflow tube and CP overflow grating and 70mm flange centre pin waste outlet fitting

Code

FJ10WC*

1½" x 60mm Water Seal (Extended Body) with flexible overflow tube and CP overflow grating

Code

FSK10E*

1½" x 50mm Water Seal with flexible overflow tube and CP overflow grating

Code

FSK10*

For Bath Waste Outlet Fittings suitable for use with the above traps see page 95

All traps marked* available as anti-syphon (Silentrap). Add suffix ‘V’ to code. See page 4 for technical details.
Bath Fillers with Trap and Overflow

**General**
- Filler manufactured in cast brass
- Compact filler design 70mm diameter x 25mm deep suitable for curved baths
- Will fit overflow hole size 46mm to 65mm
- 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
- All traps 1½” x 50mm water seal with Multifit outlet
- Compression overflow connection to trap

- **HC2650UK-FIL** has a standard overflow length of 575mm but is available with a 1m length. Incorporates a swivel bath trap and CP brass waste with top access spring-loaded mushroom plug. Overall height 112mm
- **HCN3365UK** has a standard overflow length of 575mm but is available with a 1m length. Incorporates a CP brass waste and spring-loaded mushroom plug
- **HCN3165UK** has a standard cable and overflow length of 575mm but is available with a 1m cable and overflow. Incorporates CP brass waste and mushroom pop-up plug

---

**Code**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCN3365UK</td>
<td>For extension kit see page 30</td>
</tr>
<tr>
<td>HCN3365UK-1M</td>
<td></td>
</tr>
<tr>
<td>HCN3165UK</td>
<td></td>
</tr>
<tr>
<td>HCN3165UK-1M</td>
<td></td>
</tr>
<tr>
<td>HC2650UK-FIL</td>
<td></td>
</tr>
<tr>
<td>HC2650UK-FIL-1M</td>
<td></td>
</tr>
</tbody>
</table>
General
- Bath Wasteflow units enable the overflow and/or warning pipe from a cold water storage cistern and a WC flushing cistern (not fitted with an integral overflow) to be installed so that the discharge is directed into the bath via the bath overflow grating
- The construction of the Wasteflow is such that whilst acting as a conventional overflow for the bath, any overflow from a connected cistern is discharged through the overflow grating into the bath thereby providing a visible warning
- A feature of the Wasteflow design ensures that should the overflow grating be blocked, the overflow from the cistern is diverted to discharge directly into the bath trap and not back along the overflow pipe thereby reducing the risk of flooding
- Wasteflow is also available with connection for condensate

Advantages
- Wasteflow is available in various forms that allow greater flexibility for the discharge of cistern overflows and condensate
- No unsightly external overflow pipes
- No damage to outside walls
- No risk of freezing
- No risk to other tenants or public

Installation
- Wasteflow is supplied with a choice of 50mm, 60mm or 75mm water seal trap
- Wasteflow is installed under the roll of the bath
- Wasteflow fittings shown on page 20 enable a range of connections that may be housed within the roll of the bath or if necessary extended into a duct space
- Overflow pipes connected to Wasteflow should have an adequate and continuous fall to ensure a natural gravity discharge

Wasteflow with pop-up waste and trap, CP brass control knob, CP stainless steel waste flange and plug

With L10 Trap PUWF3-CP*

With FJ10 Trap FJWF1*

Wasteflow with 1½" waste outlet fitting, plug, chain and two way connector

Code WF21

Wasteflow Manifolds have a 1½" BSP male thread on the inlet and will normally require an additional fitting from the list on page 22

All traps marked* available as anti-syphon (Silentrap). Add suffix ‘V’ to code. See page 4 for technical details
Overflow Manifold (Wasteflow)
Chrome Plated Bath Trap with Overflow

Wasteflow

Wasteflow can be fitted with R11, R12 or R15 connector (order as required) for connection to overflow warning pipe. Side inlet connection for 19/23mm condensate or condense drain

Code WF21-SP

Wasteflow Fittings

<table>
<thead>
<tr>
<th>Straight Connector</th>
<th>1½&quot; loose nut x connection for 19/23mm pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>R11</td>
</tr>
<tr>
<td>Four Way Connector</td>
<td>1½&quot; loose nut x four connections for 19mm pipe, supplied with three plugs</td>
</tr>
<tr>
<td>Code</td>
<td>R12</td>
</tr>
<tr>
<td>ABS Adaptor</td>
<td>to convert 19mm connections on R12 and R15 fittings up to 23mm OD pipe</td>
</tr>
<tr>
<td>Code</td>
<td>R13</td>
</tr>
<tr>
<td>¾&quot; In-Line Non-Return Valve</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>R14</td>
</tr>
<tr>
<td>2 Way Connector</td>
<td>1½&quot; loose nut x two connections for 19mm pipe, supplied with one plug</td>
</tr>
<tr>
<td>Code</td>
<td>R15</td>
</tr>
</tbody>
</table>

See page 71 for WC Overflow Kits with Tundish

Chrome Plated Brass Bath Traps with Combined Waste and Overflow

1½" x 50mm Water Seal CP Brass Trap: 1½" CP brass combined waste and overflow with 70mm spring-loaded mushroom plug and matching overflow face

Code BRASSTRAP-50-CP

1½" x 25mm Water Seal CP Brass Trap: 1½" CP brass combined waste and overflow with 70mm spring-loaded mushroom plug and matching overflow face

Code BRASSTRAP-25-CP

Trap only

1½" x 50mm Water Seal CP Brass Trap x 1½" universal compression outlet

Code BATHTRAP50-CPB

1½" x 25mm Water Seal CP Brass Trap x 1½" universal compression outlet

Code BATHTRAP25-CPB
110mm x 50mm Water Seal Pushfit Traps, Urinal Bowl Syphonic Traps and Condensation Trap

110mm x 50mm Water Seal Pushfit Traps

Pushfit Traps are manufactured in high density polyethylene and the inlet and outlet sealing rings from a proven synthetic rubber compound. Pushfit traps will suit WC squatting pans, slop hoppers or similar appliances with 90-114mm plain end outlet and will connect to 110mm pipe.

Code: WCTRAP4P

Urinal Bowl Syphonic Traps

Syphonic Traps have inlets to suit continental style syphonic urinal bowl to create a 75mm water seal trap. Outlet to suit 2” BS EN 1329-1:2000 solvent weld pipe.

Syphonic ‘P’ Trap

Code: HCUP50UK

Syphonic ‘S’ Trap

Code: HCUS50UK

Condensation Trap

Condensation Trap has been designed as a straight socket connector for 110mm and 125mm pipe (commonly used as ducting for basic air extraction systems) and provides an internal trap/diverter which will collect condensation forming on the internal surface of the extract pipework. It allows for the connection of a 19/23mm pipe, which can be installed to drain off the condensation to a convenient position.

110mm pipe

Code: CONTRAP1

125mm pipe

Code: CONTRAP2
90mm Shower Traps with 50mm Water Seal

90mm Shower Traps with 50mm Water Seal and removable 110mm Flange to

CP Plastic Flange
CP Brass Flange
CP Brass Flange

90mm x 25mm Water Seal with 1½" Solvent Weld Outlet Socket
Overall height 53mm

ST90CP10-53
ST90CB10-53
ST90CPB-P-53

90mm x 50mm Water Seal with 1½" Universal Compression Outlet
Overall height 70mm

ST90CP10-70
ST90CB10-70
ST90CPB-P-70

90mm x 50mm Water Seal with 1½" Universal Compression Outlet
Overall height 90mm

ST90CP10-HP2
ST90CB10-HP2
ST90CPB-P-HP2

90mm x 50mm Water Seal with 2" Universal Compression Outlet
High-flow high-performance trap. Overall height 90mm

ST90CP10-HP
ST90CB10-HP
ST90CPB-P-HP

90mm x 50mm Water Seal with 2" Vertical Universal Compression Outlet
Overall height 106mm

ST90CP10-V
ST90CB10-V
ST90CPB-P-V

Do not pour drain cleaner down these products
**facilitate easy cleaning**

CP Brass Flange  White Plastic Flange

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**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.

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

---

**90mm Shower Trap with Non-Return Valve**

- 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.
- 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.
- Overall height is only 53mm making this trap particularly suitable where floor depth is restricted.

---

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

Overall height 53mm

**Code**  

ST90CP10-NRV
### 1½" Shower Traps with Top Access

#### Traps with Standard Waste and Flange
- Waste grid and dip tube removable from top to facilitate easy cleaning
- 70mm or 85mm standard waste and flange - white plastic, CP plastic or CP brass
- Gold plated wastes and grids only supplied as separate items - see page 29

<table>
<thead>
<tr>
<th>Size</th>
<th>Type</th>
<th>Flange Type</th>
<th>Overall Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>70mm</td>
<td>Water Seal Trap with 1½&quot; Universal Compression Outlet</td>
<td>70mm White Plastic Flange</td>
<td>95mm</td>
</tr>
<tr>
<td>85mm</td>
<td>Water Seal Trap with 1½&quot; Universal Compression Outlet</td>
<td>85mm White Plastic Flange</td>
<td>95mm</td>
</tr>
<tr>
<td>70mm</td>
<td>Water Seal Resealing Trap with 1½&quot; Multifit Outlet</td>
<td>70mm CP Plastic Flange</td>
<td>118mm</td>
</tr>
<tr>
<td>50mm</td>
<td>Water Seal Resealing Trap with 1½&quot; Multifit Outlet</td>
<td></td>
<td>154mm</td>
</tr>
</tbody>
</table>

STW1-R  STW5-R  STW3-R

STW2-95  STW6-95  STW4-95

STW2-R  STW6-R  STW4-R

STW10-R

---

Do not pour drain cleaner down these products
### 1½" Shower Traps with Top Access

<table>
<thead>
<tr>
<th>STW7-R</th>
<th>STW3-RB</th>
<th>STW7-RB</th>
</tr>
</thead>
<tbody>
<tr>
<td>85mm CP Plastic Flange</td>
<td>70mm CP Brass Flange</td>
<td>85mm CP Brass Flange</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STW8-95</th>
<th>STW4B-95</th>
<th>STW8B-95</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>STW8-R</th>
<th>STW4-RB</th>
<th>STW8-RB</th>
</tr>
</thead>
</table>

**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.

- **26 Litres per minute** tested under a constant **15mm Head of Water**
- **52 Litres per minute** tested under a constant **120mm Head of Water**

Code **STW4-R**
1½” Shower Traps with Top Access

Traps with Waste and Mushroom Flange

- Mushroom flange and dip tube removable from top to facilitate easy cleaning
- 70mm or 85mm mushroom flange available in white plastic or CP stainless steel complete with standard locking nut

70mm White Plastic Mushroom Flange
85mm White Plastic Mushroom Flange
70mm CP Stainless Steel Mushroom Flange
85mm CP Stainless Steel Mushroom Flange

19mm Water Seal Trap with 1½” Universal Compression Outlet
Overall height 95mm

19mm Water Seal Trap with 1½” Universal Compression Outlet
Overall height 95mm

STW1-M
STW5-M
STW3-M
STW7-M

50mm Water Seal Trap with 1½” Multifit Outlet
Overall height 95mm

50mm Water Seal Trap with 1½” Multifit Outlet
Overall height 95mm

STW2M-95
STW6M-95
STW4M-95
STW8M-95

50mm Water Seal Resealing Trap with 1½” Multifit Outlet
Overall height 118mm

50mm Water Seal Resealing Trap with 1½” Multifit Outlet
Overall height 118mm

STW2-M
STW6-M
STW4-M
STW8-M

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.

26 Litres per minute tested under a constant 15mm Head of Water
52 Litres per minute tested under a constant 120mm Head of Water

Do not pour drain cleaner down these products
70mm Shower Trap and Shower Trap Accessories

70mm x 25mm Water Seal Trap with Top Access: 85mm CP Stainless Steel Mushroom Flange with 1½” BS EN 1329-1:2000 solvent weld outlet socket. Overall height 50mm

<table>
<thead>
<tr>
<th>Code</th>
<th>ST70SS85</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Only suitable for shower trays with a 70mm waste outlet</td>
<td></td>
</tr>
</tbody>
</table>

**Standard Waste** with grid to suit tray with maximum thickness of 22mm

- White Plastic
  - STW70WH
  - STW85WH
- CP Plastic
  - STW70CP
  - STW85CP
- CP Brass
  - STW70CPB
  - STW85CPB
- GP Plastic
  - STW70GP
  - STW85GP

**Grid only**

- White Plastic
  - STWGR-WH
  - STWGR-CP

**Standard Locking Nut** to suit tray with maximum thickness of 22mm

- White Plastic
  - STW70LN
  - STW85LN

**Long Locking Nut** to suit tray with maximum thickness of 29mm

- White Plastic
  - STW70LNL
  - STW85LNL

**Long Waste** with grid to suit tray with maximum thickness of 29mm

- White Plastic
  - STW85WHL
- CP Plastic
  - STW70CPL
  - STW85CPL

**Mushroom Flange**

- White Plastic
  - STW70WHM
  - STW85WHM
- CP Stainless Steel
  - STW70SSM
  - STW85SSM
**Trap Washers, Bath and Shower Trap Accessories**

<table>
<thead>
<tr>
<th>1 3/4&quot; Code</th>
<th>1 1/2&quot; Code</th>
<th>2&quot; Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trap Inlet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RW1</td>
<td>RW2</td>
<td>RW3</td>
</tr>
</tbody>
</table>

**Multifit Rubber Olive**

<table>
<thead>
<tr>
<th>RWM1</th>
<th>RWM2</th>
<th>RWM3</th>
</tr>
</thead>
</table>

**Multifit Plastic Friction Washer**

<table>
<thead>
<tr>
<th>Blue</th>
<th>Red</th>
<th>Green</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWM1</td>
<td>PWM2</td>
<td>PWM3</td>
</tr>
</tbody>
</table>

**Rubber Washer**

For A10 CUP: ARW10
For C10 CUP: CRW10
For E10 CUP: RW3

**Rubber Seal** to suit ST90 dip tube

**Dip Tube** to suit STW trap
- 19mm water seal: STW19-TUBE
- 50mm water seal: STW50-TUBE
- 80mm water seal: STW80-TUBE

**110mm CP Plastic Flange**
to suit ST90CP10-70, ST90CB10-70 and ST90WH10-70 traps

**ST90MECPTOP+SUPP**

**Rubber ‘O’ Ring Seal** to suit STW dip tube

**50 mm water seal**

**STW50-TUBE**

**80 mm water seal**

**STW80-TUBE**

**110mm CP Plastic Flange**
to suit ST90CP10-70, ST90CB10-70 and ST90WH10-70 traps

**ST90MECPTOP+SUPP**

**HC2650UK Extension Kit** will lower the HC2650UK trap waste outlet position in a bath which has a thicker reinforced base board or frame

**HC2650-EXT-KIT**

**STW19-TUBE**

**STW50-TUBE**

**STW80-TUBE**

**P-RW-STW90**

**P-OR-SHOWERTRP**

**HC2650UK Extension Kit** will lower the HC2650UK trap waste outlet position in a bath which has a thicker reinforced base board or frame

**HC2650-EXT-KIT**