

# Standard & Bottle Traps

Marley supplies a range of Standard Traps, Bottle Traps and Accessories in 50mm, 40mm and 32mm size ranges. Accompanying the standard range of traps are a full range of accessories including Pipe Cover Flanges to hide pipe entry positions.

- › 50mm, 40mm and 32mm range of standard traps
- › Durable polypropylene material, chemical resistant, can withstand high temperatures
- › Standard S and P configurations
- › 40mm and 32mm Bottle Traps
- › Chrome coated 32mm telescopic inlet with 32/40mm outlet options, (ABS)
- › Large range of spares and accessories
- › Large range of Pipe Cover Flanges to suit different pipe sizes

## Material Specifications

### Trap body and Nuts (Standard, Bottle Traps, Accessory Range, Pipe Cover Flanges):

- › Polypropylene

### Seals:

- › Santoprene

### S-438 Bottle Trap Trap Body and Nuts:

- › ABS – Chrome coated

### Seals:

- › Santoprene

## Product Codes

### Standard Traps

| CODE   | DESCRIPTION                    |
|--------|--------------------------------|
| P32    | P Short Inlet Trap – 32mm      |
| S32    | S Short Inlet Trap – 32mm      |
| S32A   | S Adjustable Inlet Trap – 32mm |
| P32A   | P Adjustable Inlet Trap – 32mm |
| S40    | S Short Inlet trap – 40mm      |
| P40    | P Short Inlet Trap – 40mm      |
| PS50S  | P&S Adjustable Trap – 50mm     |
| PS50Ts | P&S Telescopic Trap – 50mm     |

### Bottle Traps

| CODE  | DESCRIPTION                      |
|-------|----------------------------------|
| BP32  | Bottle Trap – 32mm               |
| BP40  | Bottle Trap – 40mm               |
| S-438 | Chrome plated Bottle Trap – 32mm |

### Pipe Cover Flanges

| CODE    | DESCRIPTION              |
|---------|--------------------------|
| DCF15B  | 15mm BSP Cover Flange    |
| DCF15C  | 15mm Copper Cover Flange |
| DCF15PB | 15mm PB Cover Flange     |
| DCF20B  | 20mm BSP Cover Flange    |
| DCF32   | 32mm Cover Flange        |
| DCF40   | 40mm Cover Flange        |
| DCF50   | 50mm Cover Flange        |
| DCF65   | 65mm Cover Flange        |
| DCF80   | 80mm Cover Flange        |
| DCF100  | 100mm Cover Flange       |

### Accessory Range

| CODE       | DESCRIPTION                      |
|------------|----------------------------------|
| DWA40S     | 40mm Dishwasher Adaptor          |
| DWC40      | 40mm Double Waste Connector      |
| DWTA40     | 40mm Double Waste Adaptor        |
| T40FM      | 40mm Adaptor Tee                 |
| B4095F     | 40mm x 95° Waste Bend            |
| E32A       | 32mm Extension Pipe              |
| E40A       | 40mm Extension Pipe              |
| C40F       | 40mm Compression Coupling, F BSP |
| C40MWH     | 40mm Compression Coupling, M BSP |
| TA3240WH   | 32mm/40mm Adaptor Nut            |
| R40F32M    | 40mm Reducer Coupling BSP        |
| R50F40M    | 50mm Reducer Coupling BSP        |
| B3295WH    | 32mm x 95° Bend                  |
| ST404095WH | 40mm Swept Tee                   |
| R4032WH    | 40mm reducer Coupling            |
| C32WH      | 32mm Compression Coupling        |
| C40WH      | 40mm Compression Coupling        |
| B4095WH    | 40mm x 95° Bend                  |

## Product Intended Use

The range of 50mm, 40mm and 32mm Standard traps, Bottle Traps, Accessories and Pipe Cover Flanges are designed to be used in residential and/or commercial properties to seal the building from gases within the sewer lines.

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## WaterMark Certification Licence Numbers

50mm Traps – WMK00239

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## Manufacturing Standards

AS2887 – 1993 – Plastic Waste Fittings

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## On Product Identifiers

Standard Traps – Logo, Material, Size

Bottle Traps – Packaging Label

50mm Traps – Logo, Watermark Detail, Material, Size

Accessory Range – Logo, Material, Size

Pipe Cover Flanges – Logo, Material, Size

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## Relevant New Zealand Building Code Clauses

The wastewater range of standard and bottle traps have been designed to meet and exceed the water seal requirements of G13/AS1 to ensure protection of the water seal from fluctuations within the sanitary system, the seal prevents foul air and gases from entering the building.

- › NZBC G13/AS1: Foul Water – Standard and Bottle Traps meet and exceeds the water seal depth of 65mm requirement and will therefore contribute to G13/AS1 compliance
  - › NZBC B2: Durability – Wastewater traps fall under 1.21 (c) “Easy to access and replace” clause of B2 which specifies a durability period of 5 years. The Standard and Bottle Trap range is warranted for a period of 50 years and will satisfy the requirements of B2.
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## Design

When designing a sanitary system, it is important to note that wastewater traps are designed to be connected to an appliance such as a basin or kitchen sink and assist that particular appliance only, they must be located as close as possible to the appliance. Connections to a secondary appliance such as a double bowl sink, insinkerator etc. must not have a discharge pipe longer than the developed length of 1.2 metres.

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## Installation

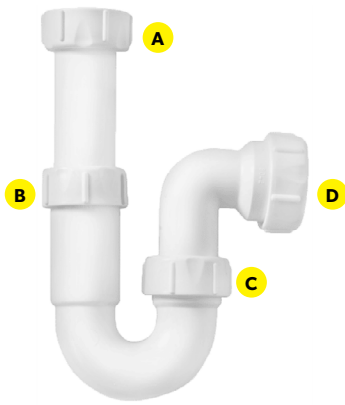
When installing a wastewater trap it is essential to ensure the trap is positioned correctly in an upright position to ensure the water seal is maintained correctly and should be as close to the appliance as possible a discharge pipe must not exceed 1.2m developed length.

A single wastewater trap may serve anyone of the following outlet combinations located within the same space:

- › One or two adjacent domestic kitchen sinks together with a dishwasher
- › One or two adjacent kitchen sinks together with a waste disposal unit
- › One or two adjacent laundry tubs together with clothes washing machine
- › Two adjacent basins, domestic kitchen sinks or laundry tubs
- › One or two adjacent domestic sinks, together with a waste disposal unit and a dishwashing machine when fitted with a 50mm trap and discharge pipe

One wastewater trap is not permitted to service two adjacent commercial sinks, as a sink containing foul water may contaminate an adjacent sink being used for food preparation.

## Maintenance



Wastewater traps will need to be maintained at times due to the buildup of detritus over time, this is dependent on usage of the trap.

Nut **A** – Top nut connects to appliance

Nut **B** – Telescopic locking nut, loosen to adjust length of telescopic pipe

Nut **C** – Central pivot nut, loosen to adjust the angle of the outlet in relation to the appliance

Nut **D** – Outlet Nut, connects to the drain line

There are multiple ways to perform maintenance on the trap:

1. Trap can be removed by unscrewing Nut A and D
2. Trap can be removed by unscrewing Nut A and C
3. Trap can be removed by unscrewing Nut B and C

Removing the trap will depend on the available area where the trap is positioned, once removed clear any blockages and detritus that has accumulated and wash with warm soapy water.

When reinstalling ensure seals are in position and haven't been twisted.

Ensure all nuts have been retightened prior to running water through the trap and check for leaks.



Bottle Cap

Bottle traps will need to be maintained at times due to the buildup of detritus over time, this is dependent on usage of the trap.

To unscrew the bottle cap, hold top body firmly and unscrew in an anti-clockwise direction.

Take care with the O-ring making sure it does not get damaged or lost.

Washout any detritus with warm soapy water.

If the O-ring was removed carefully place it back into the O-ring groove making sure the O-ring is not twisted or damaged.

Tighten the bottle cap back onto the body in a clockwise direction.

Run water through the trap and check for leaks.

## Importer/Distributor

### Marley New Zealand Limited

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- › [www.marley.co.nz](http://www.marley.co.nz)
- › NZBN: 9429038863431

## Manufacturer

### › WaterTec (Malaysia) SDN BHD – Componentry

- › Lot 3 & 4, Jalan Halba Satu 16/16A, Section 16, 40200 Shah Alam, Selangor Darul Ehsan, Malaysia
- › +60 (3) 5510 7808
- › [www.watertec.biz](http://www.watertec.biz)

## Manufacturer PS50S, PS50TS

### Standard Traps

- › **Plastec Australia Pty. Ltd**
- › 2 Enterprise Street, Caloundra, Queensland 4551, Australia

## Manufacturer S-438 Chrome Bottle Trap

### › Jimten

- › Aliaxis Iberia S.A.U., Calle del Yen, s/n Poligono Las Atalayas, 03114 Alicante, Espana
- › +34 965 109 044

## Limitations on Use

Standard and Bottle Traps are specifically designed for residential and commercial buildings to assist with removing foul water from a building into the sewer lines and can be subjected to high temperatures on an intermittent basis. Chemicals other than foul water must be checked for suitability, a polypropylene chemical resistance guide can be found on the Marley website.

[www.marley.co.nz](http://www.marley.co.nz)

## Warnings and/or Bans

The Standard and Bottle trap range of products are not subjected to any Warnings or Bans relating to the installation and or use of traps supplied by Marley New Zealand Ltd. with any council or local authority in New Zealand that Marley has been made aware of.