

Plastic Pty Ltd

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## Under Bench uPVC Plaster Traps Operations, maintenance and installation

Walton Plastics Engineering manufacture under bench PVC plaster traps which is supplied to plumbing, laboratory, hospital and dental industries. These inline traps are designed to remove solids larger than 2mm from waste lines to the water authority controlled sewerage systems. There are no moving parts that require regular servicing.

The basket should be regularly cleared of solids to help maintain the unit efficiency. There are two points of solids retention –

- The basket
- The sump

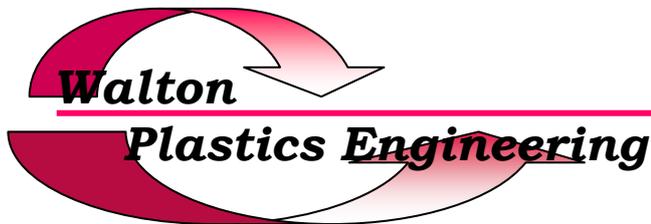
The basket captures the large solids >2.5mm, and the sump holds fines passing through the basket but dense enough to sink rapidly. Both should be emptied before being full.

As the volume of materials deposited into the plaster trap varies with each installation, it is recommended that the unit be checked daily for the first two weeks of use. It is recommended that an emptying schedule based on ½ filling the basket be adopted. This will help account for abnormally high demands. The sump fills much slower than the basket, checking initially fortnightly to establish a similar “1/2 full” emptying schedule.

### **Basket inspection, removal and replacement**

1. Remove the 4 stainless steels bolts, washers and wing nuts from the lid
2. Remove the lid and top gasket
3. Remove the basket from the trap by rotating approximately ¼ turn and lifting out. Use caution as there may be some fine residue that makes the basket difficult to turn. This may require washing out to free up the basket.
4. Open the drain valve and decant any water
5. Check the sump below the basket and if more than ½ full, empty out
6. Rinse and clean all parts
7. Close the side drain valve
8. Replace the basket
9. Replace top gasket and lid, taking care to put the bolts in from the bottom so the wing nuts are on the top
10. It is recommended to also check the inlet, outlet and drain valve to ensure that the plaster trap has no leaks.

Walton Plastics Engineering plaster traps are installed in a convenient position under the sink in the waste line from a sink to capture solids of 3mm prior to the liquid waste leaving the premises and entering the external liquid waste system. The inlet and outlet are 50mm threaded 2” BSP male fittings



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A minimum gap of 150mm should be provided above the unit to allow for ease of emptying the basket.

All installations are to comply with the relevant Australian/New Zealand Standards and local government requirements.

### Features and specifications

- Ø250mm body
- 400mm Height standard or reduced height 270mm
- Ø50mm Inlet with loose nut connection
- Ø50mm Outlet with loose nut connection
- Drain Valve
- Filter Basket
- Stainless Steel bolt assemblies attaching the lid to the trap
- Neoprene gasket
- Basket Volume – 1.77 litres
- Liquid overflow volume – 9.58 litres
- Total Volume - 17.24 litres
- Drain off volume – 3.83 litres

If you have any questions regard your Walton Plastics Engineering Plaster Trap please phone our office on 08 9456 1112 or email [sales@waltonplastics.com.au](mailto:sales@waltonplastics.com.au)

