

DENTAL PLASTER TRAP

12, 22L and 37L Round

durodent
dental

A.B.N 55 432 482 977

Toll Free: 1800 653 439

Ph: (03) 9720 6700 - Fax: (03) 9720 6577

P.O Box 972, Bayswater VIC 3153

6/51 Jersey Rd, Bayswater VIC 3153

www.durodent.com.au sales@durodent.com.au

Application

- Dental lab and dental office under sink/bench areas

Product Description

The dental plaster trap is designed to arrest waste product such as waterborne clay, plaster and heavier than water particles in order to prevent blockage of downstream drainage pipes.

The dental plaster trap is designed to fit in areas where there are space limitations. Ensure tank will fit in space provided and be compatible with overall plumbing design.

It is important to allow sufficient room above the dental plaster trap to allow removal of the screw-in access cover and for trap cleaning.

- Connect sink waste outlet directly into the tank Inlet nozzle (a trap is not necessary)
- Connect tank Outlet to waster in accordance with plumbing regulations (note: Sample Nipple is to face down)
- Fit a stop valve to the Drain Nipple at the bottom of tank (valve not supplied)
- Fit a stop valve to the Sample Nipple located on tank outlet pip tail (valve not supplied)

Plumbing Connections

- 50mm Inlet
- 65mm Outlet
- 25mm BSP Drain & Sample nipples

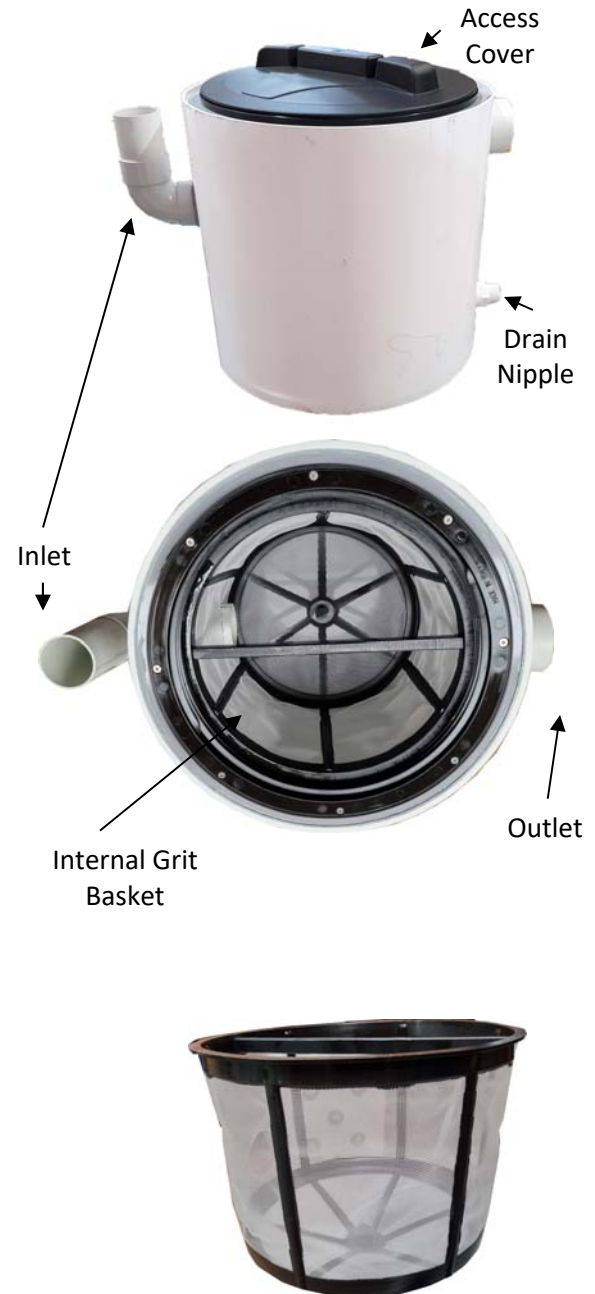
Cleaning Guidelines

The dental plaster trap should be maintained regularly to ensure trouble-free service. Cleaning of the trap should be performed by a competent person.

Collected waste product, formed as sludge on the floor of the trap, should be removed and disposed of by whatever means is allowed in the area. Floating particles are trapped by the internal mesh basket. The waste product would not normally be regarded as hazardous and may be suitable for disposal in a general waste collection bin. However, the waste product and liquid contained in the tank is the product of whatever has been fed into the tank and it is recommended this point be considered before accessing the tank at all.

To remove the trap for cleaning, disconnect pipe connections such as barrel unions or rubber sleeve connectors.

- Wear appropriate PPE (gloves, safety glasses, breathing mask, etc.)
- Unscrew removable **Access Cover**.
- Open drain valve to allow liquid waste to empty (into bucket for correct disposal).
- Carefully remove the internal mesh basket and empty contents.
- Remove waste sludge from the tank, if necessary, use a small scoop to assist.
- Wash the interior tank walls.
- Replace access cover and ensure drain valve is closed.



Part Number:	Capacity:	Diameter:	Height:	Outlet Invert:
Measurements are tank only and do not include outlets overhang. Allow extra 150mm clearance around tank for outlets and fittings.				
PT-P12	12lt	250mm	300mm	200mm
PT-P22	22lt	350mm	300mm	200mm
PT-P37	37lt	400mm	370mm	270mm

Installation & Maintenance **Guidelines**

Dental Trap
Trade Waste Tanks

Dental Trap Trade Waste Tank

A dental trap is designed to arrest waste product such as waterborne clay, plaster and heavier than water particles in order to prevent blockage of downstream drainage pipes. Floating particles are trapped by the internal mesh basket.



Features include:

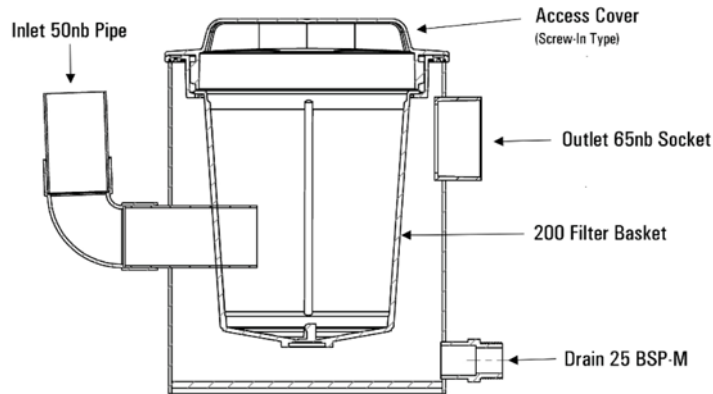
- A** Fabricated from PVC.
- B** Circular, quick release cover provides an air-tight seal to avoid the emission of foul odours and is easily removed for cleaning.
- C** 50mm inlet (terminates below water level).
- D** 65mm outlet
- E** Drain nipple
- F** *Internal grit basket (not shown)*

Disclaimer: Installation and approval conditions may vary from region to region. This information is provided as a guide only for a typical above-ground dental trap installation.

Dental Trap Trade Waste Tanks

Typical Installation Guidelines:

The information provided herein is informative only and applies to the 'typical' installation of a thin-skin plastic fabricated dental trap trade waste pre-treatment tank. Tank to be installed by an experienced, licensed plumber. These guidelines do not take into account site specific limitations or requirements. Site conditions may require a change to these guidelines which will need to be provided by a third-party engineer. Prior to installation, as rules and regulations differ from region to region, we recommend the plumber observe the relevant codes of practice and legislated standards of local Authorities.



NOTE: Internal pipe configurations vary according to tank type capacity and/or customer requirements. The above drawing is indicative only. The installer must comply with local regulations when connecting a trade waste tank.

Siting Considerations:

1. Ensure the tank being installed is fit for purpose. (E.g. the filtration of plaster particles in order to prevent sewer blockages).
2. The tank should be located as close as practical to the source of contaminated water.
3. A dental trap is designed to fit in areas where there are space limitations. Ensure tank will fit in space provided.
4. Ensure there is sufficient room above the tank (approx. 280mm) to allow removal of the **Access Cover** and internal **Filter Basket** and for cleaning of the tank (refer to Maintenance Guidelines overleaf).
5. If the tank is to be removed entirely for cleaning, pipe connections will need to be dis-connectable types such as barrel unions or rubber sleeve connectors.

Site Preparation:

6. Verify that inlet and outlet pipe levels match the level of the pipe spigots on the tank.

Connections:

7. Pipe spigots fitted to the tank are PVC.
8. Pipe connections to the tank can be Plumbqwik (or similar) type joiners or solvent glued.
9. Connect sink waste outlet directly into the tank **Inlet** nozzle (a trap is not necessary).
10. Connect tank **Outlet** to waste in accordance with plumbing regulations.
11. Fit a stop valve to the **Drain Nipple** located at bottom of tank (valve not supplied).
12. Connections to be in accordance with Trade Waste guidelines and comply with ASNZ3500.2. Installation must comply with your local Trade Waste Authority specifications.
13. The Trade Waste department of the local water authority must approve all grease trap and trade waste interceptor installations prior to work commencing. Interceptors installed without approval may not be accepted for use.

Disclaimer: Installation and approval conditions may vary from region to region. This information is provided as a guide only for a typical above-ground dental trap installation.

Dental Trap Trade Waste Tanks

Maintenance Guidelines:

1. Dental traps must be checked and maintained regularly to ensure trouble-free service.
2. Collected waste product, formed as sludge on the floor of the tank, should be removed from the tank and disposed by whatever means is allowed in the area.
3. The waste product would not normally be regarded as hazardous and may be suitable for disposal in a general waste collection bin. However, the waste product and liquid contained in the tank is the product of whatever has been fed to the tank and we recommend this point be considered before accessing the tank at all.
4. Cleaning of the tank should be performed by a competent person.
5. Wear appropriate PPE (gloves, safety glasses, breathing mask, etc.)
6. Remove the screw-in **Access Cover**. Do not force open by hitting with a hammer.
7. Open **Drain Valve** to allow liquid waste to empty (into bucket for correct disposal).
8. Carefully remove the internal **Filter Basket** from dental trap.
9. Empty contents of the **Filter Basket** ensuring the mesh is clear of blockages.
10. Remove waste sludge from bottom of trap. If necessary, use a small scoop to assist.
11. Wash the interior trap walls.
12. Relocate the **Filter Basket** into the dental trap, ensuring that the large hole in the basket wall is positioned over the **Inlet** pipe.
13. Replace screw-in **Access Cover** (apply lubricating spray to assist future removal).
14. Ensure **Drain Valve** is closed.

Disclaimer: Installation and approval conditions may vary from region to region. This information is provided as a guide only for a typical above-ground dental trap installation.