



**Pioneer
Industrial
Plastics**

Installation & Maintenance Guidelines

Trade Waste Tanks

Above Ground Food & Oil Interceptor

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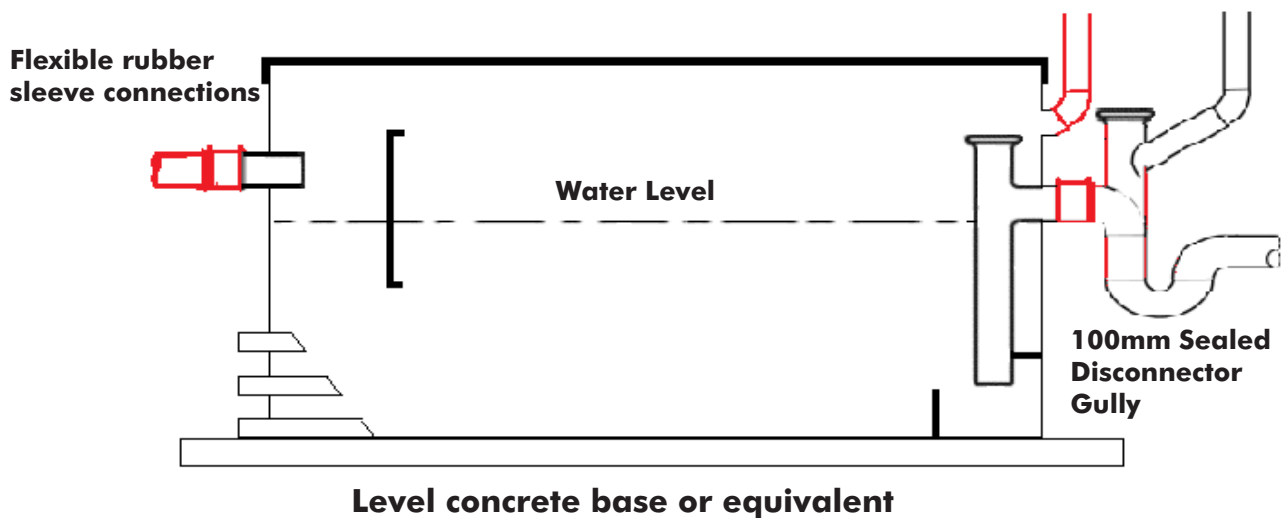
INSTALLATION GUIDELINES Above Ground Tanks

NOTE: It is the responsibility of the licensed installer to check all relevant codes of practice and legislated standards of local water authorities.

Installation Guidelines

Adequate clearance above lid for maintenance and cleaning purposes.

**Vents to atmosphere
Above roof line.**



This guide provides general information for the above-ground installation of thin-skin, plastic-fabricated trade waste pre-treatment tanks. It is intended to assist licensed plumbers with typical installation procedures and best practices. Please note the following:

- The guidance provided does not address site-specific conditions or unique installation challenges.
- Installation must be performed by a qualified, licensed plumber with relevant experience.
- Site conditions may require modifications to the standard procedure outlined herein. In such cases, consultation with a qualified third-party engineer is strongly recommended.
- Local codes, standards, and authority requirements vary by region. It is the responsibility of the installer to ensure full compliance with:
 - o Local plumbing regulations
 - o Trade waste authority guidelines
 - o Applicable national standards (e.g., AS/NZS 3500.2)

This guide is informative only and should not be considered a substitute for formal approval or engineering advice.

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INSTALLATION GUIDELINES Above Ground Tanks

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Installation Guidelines

1. Preliminary Observations

- **Proximity to source:** Tank should be close to the source of contaminated water.
- **Accessibility:** Easy access for cleaning and maintenance is crucial.
- **Wash-down tap:** Required nearby with a **backflow prevention device**.
- **Sun exposure:** Avoid direct sunlight to prevent heating and potential degradation.

2. Pre Installation

- **Pipe alignment:** Ensure inlet/outlet/vent levels align with tank fittings.
- **Foundation:** Use a **level concrete slab** supporting the full footprint.
- **Support structure:** **Do not remove** any steel frame attached to the tank.
- **Protection:** If exposed to traffic, install **bollards** for impact protection.

3. Manual Handling

- **Weight and method:** Light tanks (~100 kg) can be lifted with slings under each end. Use spreader bars and restraining straps to avoid slippage.
- **Responsibility:** The person lifting is responsible for following **safe lifting procedures**.

4. Connection of Tank

- **Materials:** Spigots are **Polypropylene or PVC—do not solvent weld PVC to Polypropylene**.
- **Joiners:** Use **Plumbqwik or equivalent** for connections.
- **Regulatory compliance:** All plumbing (inlet, outlet, vent) must comply with **plumbing codes, Trade Waste guidelines, ASNZ3500.2**, and local **Water Authority specifications**.
- **Approval:** All installations require **prior approval** from the **Trade Waste Department** of the local water authority.

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MAINTENANCE GUIDELINES Food & Oil Interceptor

Regular and thorough cleaning of your interceptor assures maximum operating efficiency. Here's what you need to know:

Why Maintain Your Interceptor?

While the initial installation is a one-time task, the system must be maintained and upheld on a regular basis for it to function properly. The maintenance can save you a lot of money. If this maintenance is not performed the result will be similar to not having a grease trap installed. Putting off a grease trap emptying is not recommended for the following reasons:

- It could be against the Local Water Authority regulations not to have your grease trap cleaned on a regular basis, and failure to follow proper procedures could result in fines and other penalties.
- It could jeopardise the health of your entire plumbing system.
- A clogged grease trap can cause a major flood.

When to Clean Your Interceptor?

The frequency of grease trap cleaning is typically set by your local water authority and depends on several factors such as the size of your grease trap, the size of your business, and the type of food you serve.

Below is a general guide:

Businesses located in Victoria commonly need to clean their grease traps at least once every 3 months. The more active your commercial kitchen, cafe, or restaurant, the more frequent cleaning may be required.

It may also be time to clean your food and oil interceptor when you notice a gradual slowdown of the drainage at the fixtures that are draining into the unit.

A thorough and regular cleaning each time will ensure maximum operating efficiency, and will extend the life of your interceptor.

Failure to install or maintain your grease trap can result in fines from the local council due to the damage grease can cause to public sewers.

How to Clean Your Interceptor?

Grease trap cleaning and maintenance should only be done by companies that have grease trap cleaning and maintenance experience. After you've determined how often your grease trap has to be cleaned, you'll need to pick who will clean it.

The cleaning and maintenance of the interceptor should consist of:

- FOG (fat, oil, grease) and debris removal
- Scrape-down of all internal structures (inlet/outlet, baffles pipe/wall, trap surfaces)
- Full wash and clean of all internal structures
- Grease trap inspection with accompanying report
- Trap deodorisation
- Waste transport for off-site FOG waste recycling

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