



Grease traps

Installation requirements

Plumbers have a key role in correctly installing grease traps, so they comply with Sydney Water's requirements.

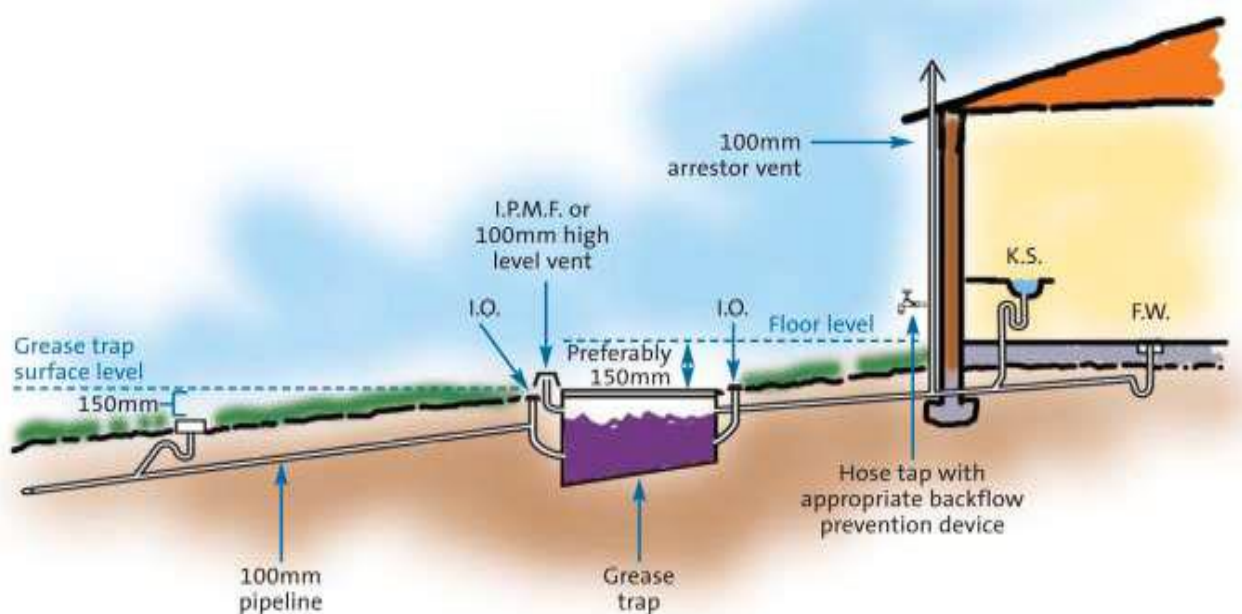
Approval

Before you start installing any grease trap, you must seek approval from Sydney Water.

Apply through [Sydney Water Tap in](#) for approval to 'discharge trade wastewater'.

You must install your grease trap according to the manufacturer's instructions and our requirements. The plumbing and drainage must comply with the *Plumbing Code of Australia, 2019*.

Preferred drainage layout for a grease trap installation



Points to consider

Location: Install the grease trap where it's accessible by vacuum tanker, so it can be cleaned out.

Inlet connection: Connect the pump-line to a junction then to the double Y junction.

Outlet connection: The invert level of the outlet pipe of a grease trap must be correct. If the invert of the outlet is too low, the grease trap won't be the correct capacity. It'll be less than specified. If the invert of the outlet is too high, the inlet connection may be submerged. The invert of the outlet pipe must be 150 mm lower than the invert of the inlet pipe.

Boundary trap: There must be a boundary traps on all commercial and industrial properties with a gravity connection to the wastewater system (sewer). If the property doesn't have a boundary trap and you've applied for a trade waste permit or consent, you must install a boundary trap at the boundary or at the point of connection.

Backflow prevention: Install a cold water tap, protected by a backflow prevention device, within five metres of the grease trap.

Venting: Install two 100 mm vents for cross-ventilation: one on the inlet line to the grease trap and one on the grease trap.

Safe access: All above ground grease trap installations require a platform and steps, manufactured to *Australian Standard 1657* for safe access to inspect and maintain the grease trap.

Compliance plate: Check there's a compliance plate with a compliance number clearly visible on the grease trap. This ensures the equipment is authorised for the full range of conditions and wastewater on-site.

Inspections: After installation, arrange an inspection by a Plumbing and Drainage Inspector. This ensures the pipe-work is installed according to *AS/NZS 3500*.

Vertical clearance: Ensure the vertical clearance above the grease trap is greater than the maximum depth of the grease trap.

Lids: Install lids that comply with the Australian Standards.

Gully: Don't use the grease trap as a relief overflow point. Install a gully in addition to the trap.

Reflux valve: Install a reflux valve if:

- the difference in levels between the overflow level of the lowest fixtures and the top of the relief gully is less than 150 mm
- the soffit requirements for Sydney Water's wastewater system (sewer) can't be met.

In-sink bucket trap and in-floor

bucket trap: Install an authorised in-sink bucket trap and in-floor bucket trap in food preparation and handling areas.



Please note: We've omitted the support stand, the steps and the work platform from the drawing for clarity. The design of the lid(s) for an above ground grease trap will vary between different manufactures.