

Grease traps

Installation requirements

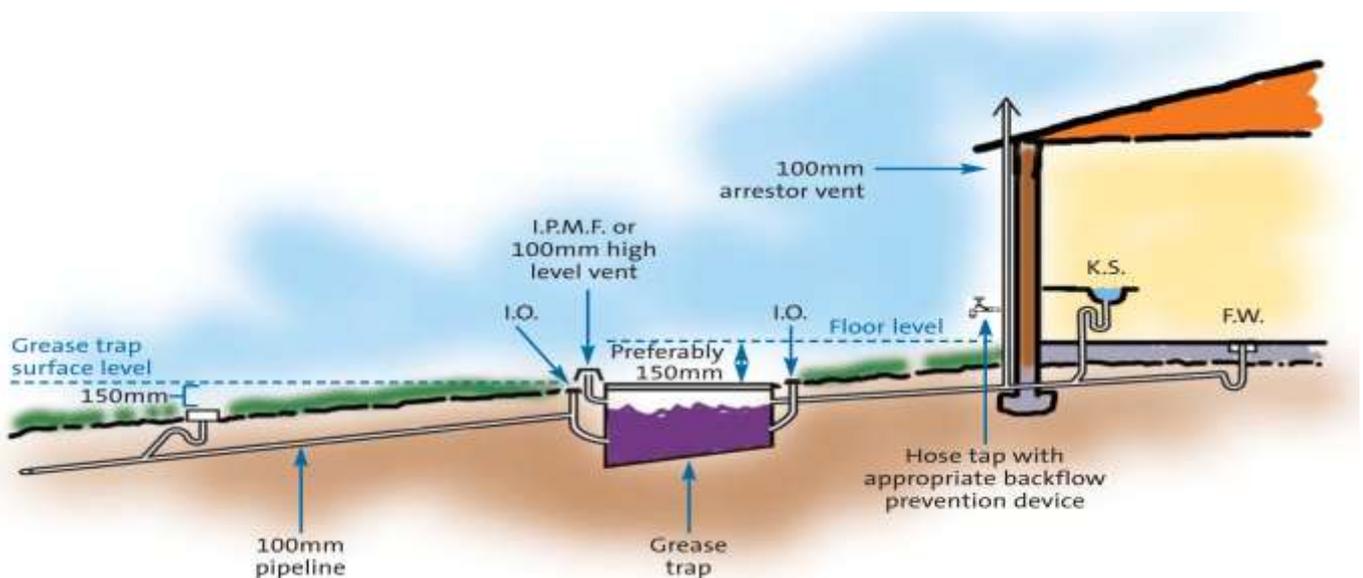
Plumbers have a key role in correctly installing grease traps, so they comply with Sydney Water's requirements.

Approval

You must have approval from Sydney Water to discharge trade wastewater. Contact Sydney Water at businesscustomers@sydneywater.com.au before you start any installation.

The grease trap must be installed according to the manufacturer's instructions, Sydney Water's requirements, and the plumbing and drainage must comply with the *Plumbing Code of Australia, 2012*.

Preferable drainage layout for a grease trap installation



Points to consider

Location: Install the grease trap where it is 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 will not be the correct capacity. It will 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 sewer. If the property does not have a boundary trap and the customer has applied for a trade waste permit or consent, the customer is required to have a boundary trap installed 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 that there is 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 is to ensure that the pipe-work is installed according to *AS/NZS 3500*.

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

Lids: Install lids that comply with the Australian Standards.

Gully: Do not 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 sewer cannot 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: The support stand, the steps and the work platform have been omitted from the drawing for clarity. The design of the lid(s) for an above ground grease trap will vary between different manufacturers.