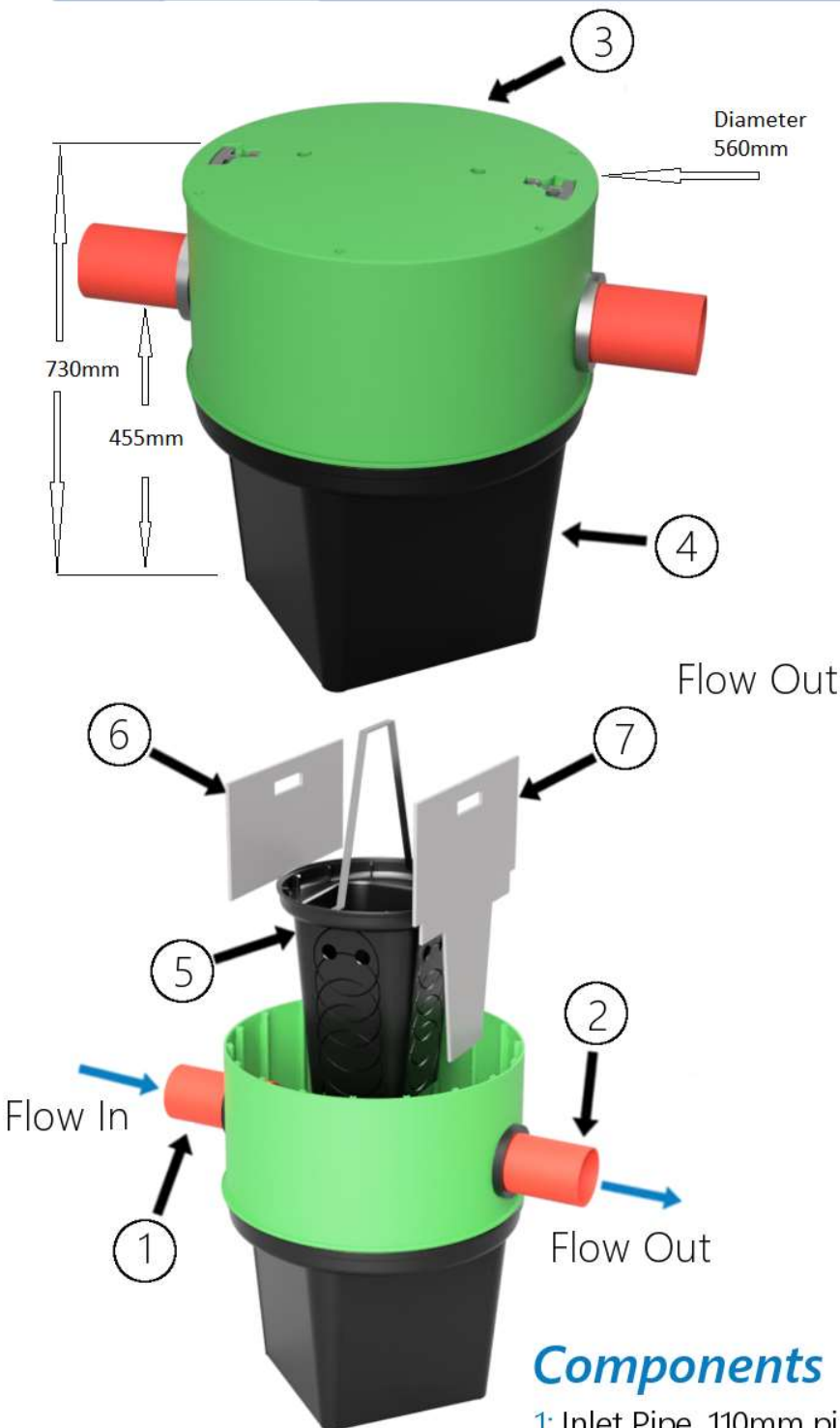


DOMESTIC GREASE TRAP INSTALLATION AND MAINTENANCE MANUAL



Components

- 1: Inlet Pipe, 110mm pipe
- 2: Outlet Pipe, 110mm pipe
- 3: Lid (Pedestrian)
- 4: Main Housing
- 5: Solids Sump
- 6: Inlet Baffle
- 7: Outlet Baffle

Installation for pedestrian areas only

- The grease trap must be located on the grey water pipe line only after a gully trap to prevent the escape of harmful gaseous fumes from the wastewater pipe network into the house or otherwise. The grease trap must never be installed on a sewage waste pipe line.
- Excavate a hole allowing sufficient room to install the grease trap and backfill with appropriate materials to provide a base of good standing to position the grease trap and prevent movement post installation.
- Establish the location of the greywater waste pipe and allow or cut (for an existing waste pipe installation) sufficient length to fit the grease trap from its inlet pipe to outlet pipe. Repair collars or joiners will be required depending on whether it is a new waste pipe or existing waste pipe from the house.
- Fit the grease trap into place. Remove the lid to secure the inlet and outlet pipes by hand. Then connect to the new or existing grey water pipeline.
- Fill the solids sump with clean water, then the remainder of the grease trap, refit the lid and secure with screws.
- Backfill the excavation around the grease trap with appropriate materials to prevent any movement post installation. The material selection is subject to the specific soil conditions on site.

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Maintenance Inspection:

All grease traps require maintenance. It requires monitoring and cleaning as required. After installation and commencement of use the grease trap should be visually inspected by removing the lid every two weeks for the first 1-3 months and monthly thereafter. It should be emptied when the through flow is restricted by the accumulation of grease on the surface and or solids in the solids collection sump. This will be evident when the liquid level at the inlet pipe is higher than the normal operational level. When the grease trap is in operation for some time a pattern of emptying will develop, therefore determining the required frequency of inspection and emptying necessary.

Maintenance:

When it is necessary to empty & clean out the grease trap remove the lid.

- Turn off all taps or appliances piped into the grease trap inlet pipe.
- Lift out the solids sump allowing time for the excess liquid to flow out of the side holes. This sump will remove all the trapped solids and the solidified grease & oils floating directly above it.
- Remove the remainder of the solidified grease and oils using a ladle or a similar tool.
- When all the grease and oils are removed from the centre chamber where the solids sump is located then remove the inlet and outlet baffles (taking note of the position and orientation) to complete the clean out, also removing any grease build up at the inlet and outlet pipes to prevent blockages.
- Rinse down the inside of the grease trap with water to complete the cleaning.
- Refit the inlet and outlet baffles ensuring they are in the correct positions and orientations (there is only one orientation to fit them correctly,
- The sides marked X should face each other.
- Dispose of the contents appropriately.
- Refit the solids sump.
- Fill the solids sump with clean water and then the remainder of the grease trap to the working level.
- Refit the lid and secure in place.