



Gross Pollution Trap HalganPure™ GPT 1000D

DESIGN MANUFACTURE SERVICE
SUSTAINABLE ENVIRONMENTAL TREATMENT SOLUTIONS

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Gross Pollution Trap – HalganPure™ GPT 1000

The proven performance of vortex system manufactured from LLDPE

HalganPure™ Gross Pollutant Traps (GPT'S) are designed to meet the specified stormwater water quality objectives for surface water.

Step 1

The HalganPure™ Compact GPT captures litter, debris, pollutants, suspended sediment, hydrocarbons, oils and grease via a vortex, hydrodynamic flow and submerged outlet.

Step 2

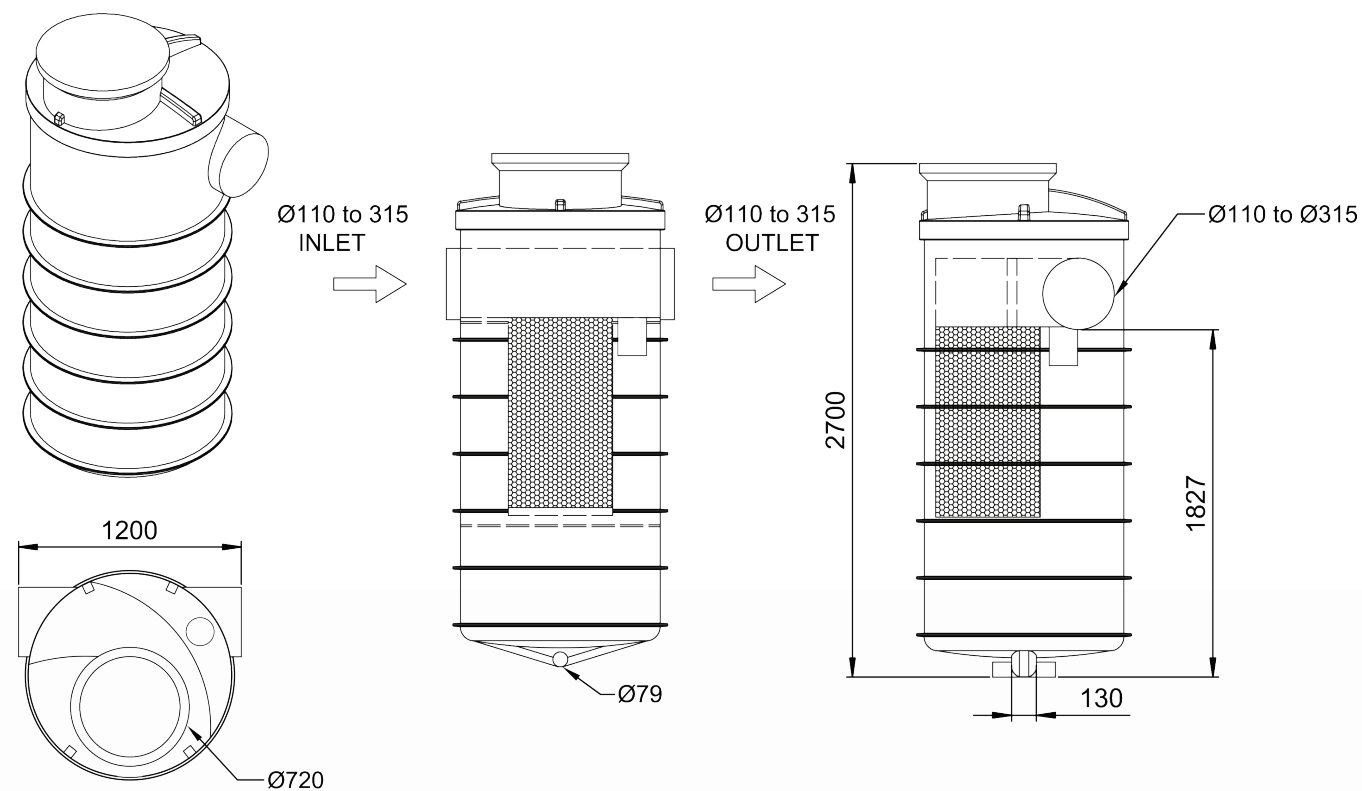
The captured litter, debris, pollutants, suspended sediment, hydrocarbons, oils and grease are separated from the stormwater through deflection from our Continuous Separation Screen.

Step 3

The built in holding capacity and submerged outlet system retains the pollutants in the vessel while also featuring a high flow by-pass system to eliminate flooding.

Step 4

The cleaned stormwater is then discharged back into the stormwater system after removal of the pollutants that are retained in the HalganPure™ Compact GPT.



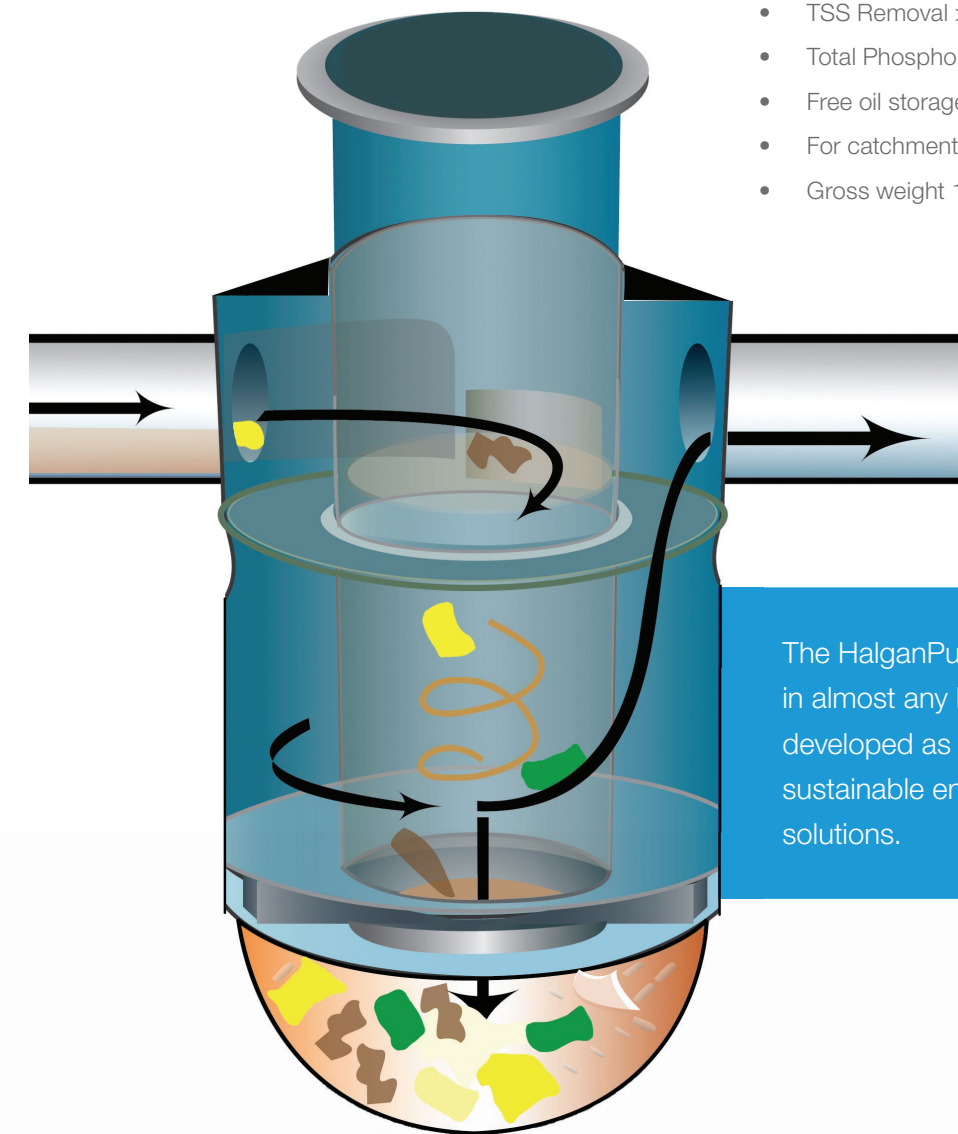
Applications for the GPT100

GPT100 has been developed for a range of applications with any Stormwater pipe up to 375mm diameter, including:

- Council work depots
- Bus and train stations
- Road side drains
- Packaging warehouses
- Car parks
- Industrial sites
- Small subdivisions
- Pre-detention
- Pre-screening bio-retention systems.

Characteristics

- Risers available to allow depth of 2.7m to pipe invert
- Easy installation for all pipes up to 375mm diameter
- Maximum design flow = 152L/sec (capacity)
- For use in systems where pipe and fittings under 100mm are not permitted
- Captures up to 95% of pollutant particles over 1mm
- Captures 80% of sediment down to 75 microns
- TSS Removal >70%
- Total Phosphorous Removal >30%
- Free oil storage capacity 220 Litres
- For catchments up to 1ha
- Gross weight 154kg



The HalganPure GPT is easy to install in almost any location, and has been developed as part of our dedication to sustainable environmental treatment solutions.



halgan pty ltd

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