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SUSTAINABLE ENVIRONMENTAL TREATMENT SOLUTIONS

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Gross Pollution Trap HalganPure™ GPT 1000D

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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

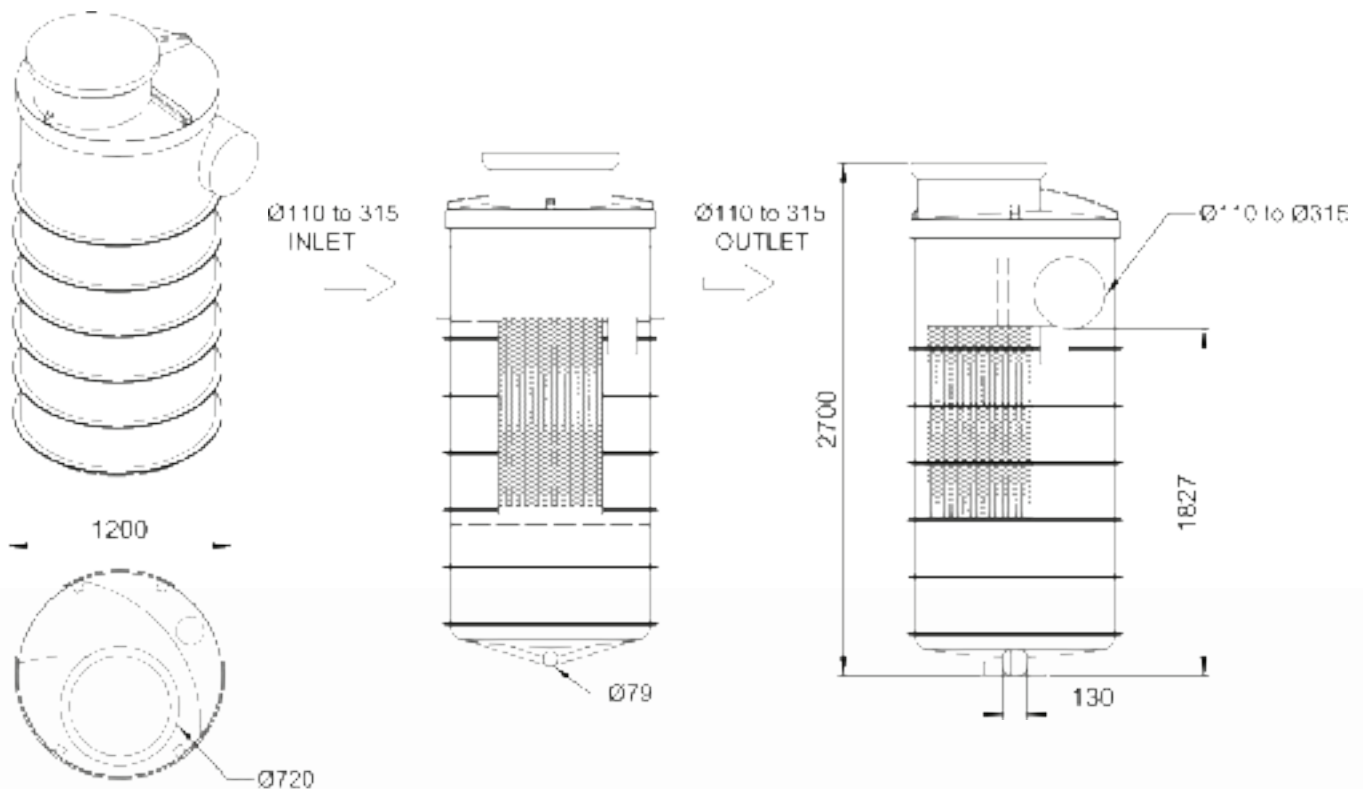
The captured litter, debris, pollutants, suspended sediment, hydrocarbons, oils and grease are separated from the stormwater through deflection from our Continuous Separation Screen.

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.



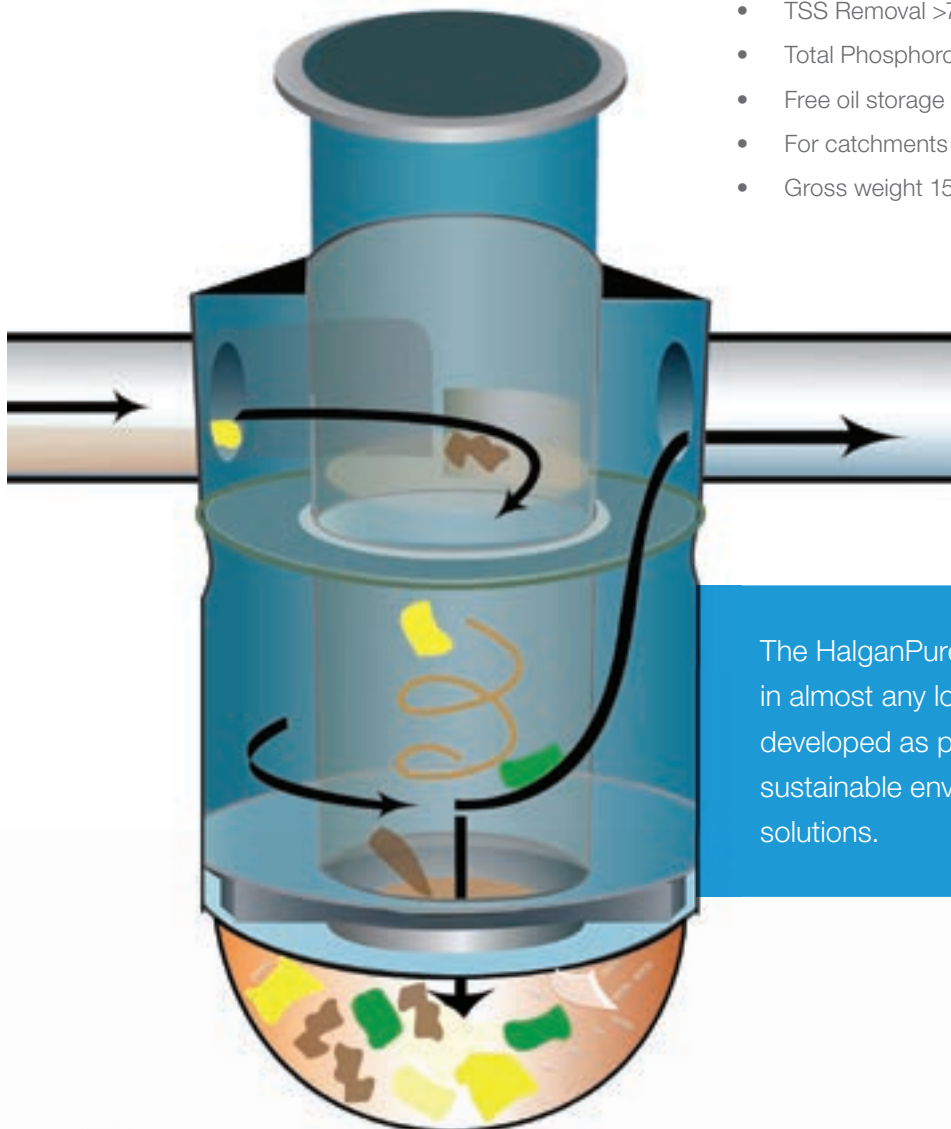
Applications for the GPT100

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.