



surge-flow

Flow-with-nature dosing siphon

www.surgeflow.com.au

The **Surge-flow** Dosing Siphon is perfectly suited to gravity based wastewater treatment systems and situations requiring Low Pressure Effluent Dosing (LPED). The **Surge-flow** is a simple and durable plastic fixture that fits inside a sump or pumpwell.

The **Surge-flow** is installed in a pumpwell following primary or secondary treatment of wastewater and delivers a predetermined flush of water to the Land Application Area. This reduces the risk of classic trench failure by evenly distributing treated effluent along the entire length of trenches and ETA beds. Treatment efficiency is also improved by wetting and drying of the soil.

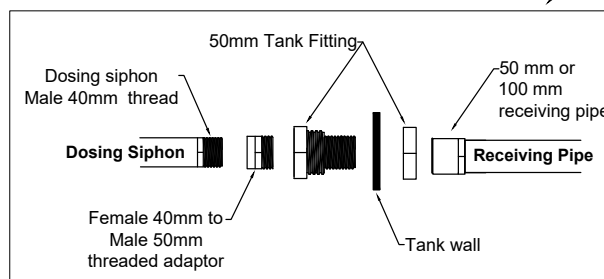
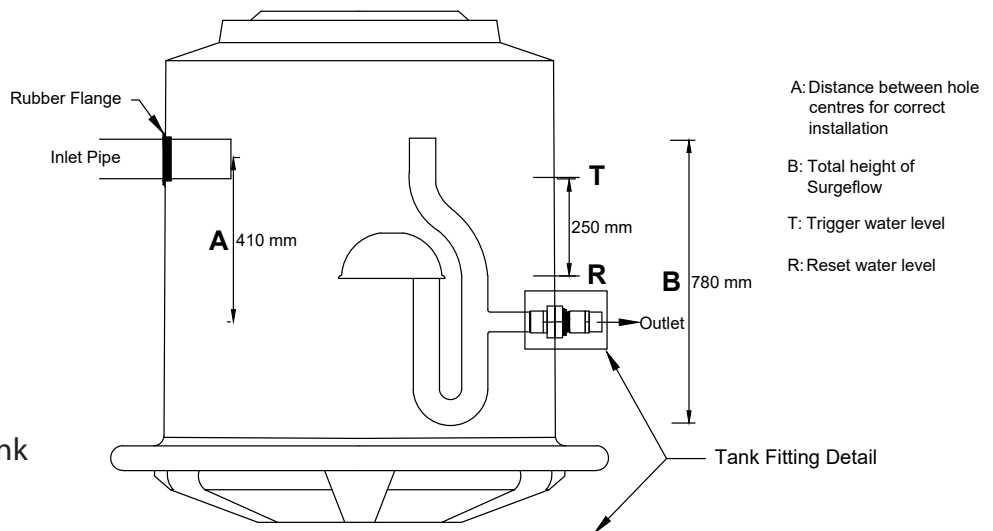


Advantages

- * Evenly distributes effluent along trenches
- * Reduces risk of trench failure
- * Extends life of trenches
- * Improves treatment efficiency
- * Durable and simple to use
- * Requires no electricity
- * Has no moving parts
- * Low maintenance

Specifications

- * Flow rate 100L / minute
- * 250 mm drawdown
- * 76 cm H x 54cm D x 27 cm W
- * Requires 42 cm fall from inlet
- * Dose depends on diameter of tank
- * Suits cylinder shaped pumpwell



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