

SAVER-SIPHON™

Flush ONLY what is needed, saving the maximum possible amount of water
'Everlasting diaphragm', should never need replacing



Description of Invention

The 'Saver-Siphon' is revolutionary, a full siphon version of its predecessor, the Interflush, retrofit kit, both invented and made by VarYflush Limited.

Saver-Siphon overturns 160 years of flushing technology because for 160 years, we have been flushing the full cistern every time, wasting about half the flushing water, water that continues to flow into the pan AFTER the waste has gone, for no other reason than 'we have always done it this way',

Now, with the 'Saver-Siphon', a fully interruptible WC siphon, you just flush ONLY what is needed, wasting none at all. **Just 'Flush till its gone'.**

Operation

PRESS to start the flush.

HOLD DOWN for as long as flushing is required.

LET GO to stop the flush

Why existing siphons fail

Besides the interruptible flush feature, the Saver-Siphon has a completely new type of diaphragm, the thing that lifts the water to start the flush. Existing plastic sheet type diaphragms can fold over or tear, causing the siphon to fail. Stripping the toilet down to change or repair the siphon, just because a 'two-penny piece' of plastic sheet has torn is a job we can all do without. Well, now you can, with the everlasting diaphragm.



Torn diaphragm

EVERLASTING SOLID 'TRAP-DOOR' TYPE DIAPHRAGM. The diaphragm in the 'Saver-Siphon' has nothing that can fold over or tear. It should last forever so the Saver-Siphon should last forever. The springs and 'C' link will not corrode because they are made from marine grade stainless steel.



Uses

- Will fit most cisterns: front handles, side handles or chain pulls.
- **Retrofit for water saving:** Effectively halves the pan rating, without having to buy a new toilet.
- **New fit market:** Fitting to new 6 litre toilets turns them into 3 litre toilets, giving the easiest eco points ever.
- **Social housing landlords:** The saver-siphon should never need replacing. **Eliminating maintenance costs.**
- **Facilities Managers:** Working toilets = happy clients, especially when their water bills are reduced by 20-40% also.
- **Public Sector, Schools etc:** Need to save money! literally saves throwing taxpayers money down the pan.
- **Cutting carbon:** If widely taken up, can save more carbon than the ban on filament bulbs from the reduction in pumping and treatment of water by the water companies, the biggest single users of electricity in the UK.
- **Drought measure:** Unlike hosepipe bans, gives permanent water savings, keeping more water in the reservoirs.

Water Savings

- Around 60 of the 150 litres we each use a day are used for toilet flushing.
- Saver-Siphon saves HALF of this, 30 litres a day each, **THE MAXIMUM POSSIBLE.**
- Saver-Siphon saves almost **TWICE** as much as dual-flush systems.
- Cuts water bills by 20-40%, depending on building type. Up to 90% of office water use is for toilet flushing.
- Siphons NEVER leak, valves do. In the UK, all push-button operated toilets have valves in their cisterns.
- Answer, stay with siphon toilets, with handles or chain pulls and then fit a Saver-Siphon.

Note: Clear and coloured plastic for illustration purposes only. The production model of Saver-Siphon is **green**. Originally developed for the commercial sector, for all toilets with flush-pipes between cistern and pan, **NOT for close coupled toilets**

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Technical Information

- Standard 9" (229mm) siphon height.
- Standard 1.5 BSP" (38mm) diameter outlet

