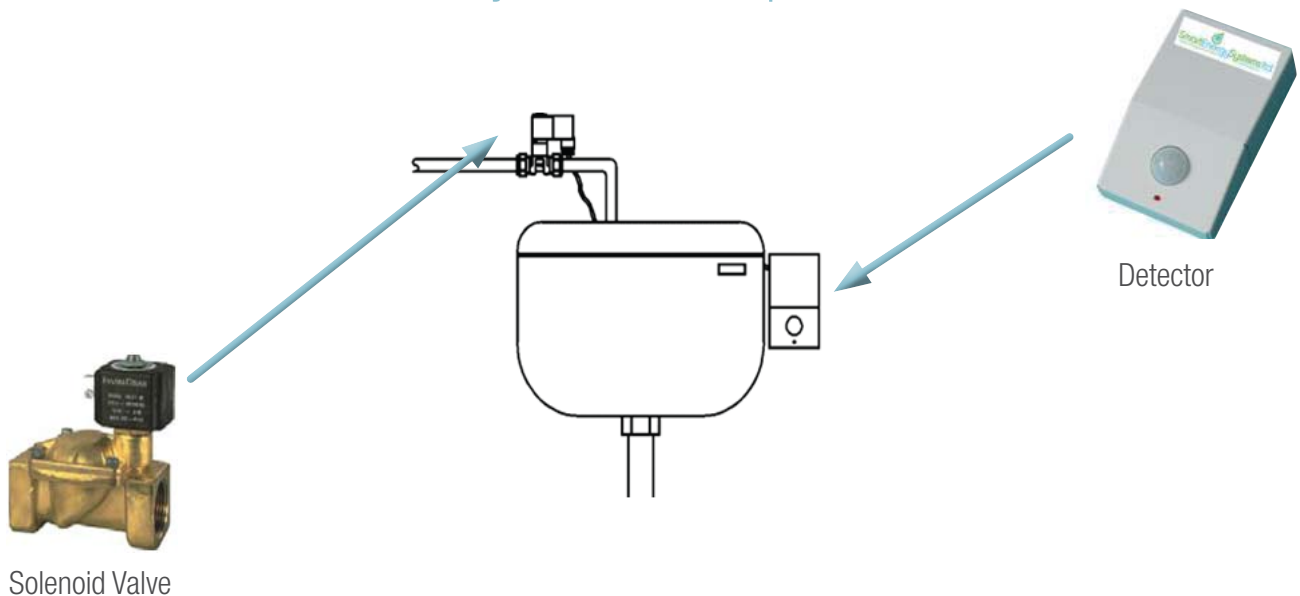


# No more Flushes at Night or Weekend!

A urinal cistern can waste an incredible amount of water. Water you pay for that is in every literal sense, money down the drain. With SES Ltd Smart Flush Control System, you won't have to worry about this anymore.

## The Smart Flush Control Systems Components



An automatic control system installed in any urinal cistern, gives years of trouble free service, the Smart Flush will significantly reduce your water consumption and bills whilst maintaining the necessary high level of hygiene at all times.



To find out more about Smart Flush contact SES Ltd on:

Tel: **(065) 6895280** • E-mail: **info@smartenergysystems.ie**

Website: **www.smartenergysystems.ie**



## How it works?

- Urinal cisterns flush each time the cistern fills, often more than three times an hour, even when your building is unoccupied at night or closed for holidays. All of this expensive water goes to waste.
- The Smart Flush system detects when the facility has been used, allows the cistern to fill which then flushes the urinal in the normal way.
- An additional feature ensures that during long periods of inactivity, weekends and holidays, the urinal is flushed at least once every 12 or 24 hours as selected. In this way the hygiene flush keeps the urinals clean and fresh even when the building is unattended.

## Calculating Savings

Multiplying the volume of water of your cistern by the frequency of flushing will give you the water consumption for a given period.

### For Example

$$\begin{array}{rcl} 10 \text{ litres} \times 3 \text{ flushes per hour} \times 24 \text{ hours} & = & \mathbf{720 \text{ litres}} \text{ per day} \\ \hline 720 \text{ litres per day} \times 365 \text{ days} & = & \mathbf{262,800 \text{ litres}} \text{ per year} \end{array}$$

After installing a **Smart Flush**, cisterns will only flush when the area is occupied.

$$\begin{array}{rcl} 10 \text{ litres} \times 3 \text{ flushes per hour} \times 8 \text{ hours} & = & \mathbf{240 \text{ litres}} \text{ per day} \\ \hline 240 \text{ litres per day} \times 5 \text{ days} \times 52 \text{ weeks} & = & \mathbf{62,400 \text{ litres}} \text{ per year} \end{array}$$

### Savings

$$\begin{array}{rcl} \mathbf{262,800 \text{ litres}} - \mathbf{62,400 \text{ litres}} & = & \mathbf{200,400 \text{ litres}} \text{ per year} \\ \hline \mathbf{200 \text{ cubic metres}} \times \mathbf{€2.40} & = & \mathbf{€480.00 \text{ savings}} \text{ per year} \end{array}$$

## FEATURES

- **Low cost.** In only a few months you will have recovered the cost of the system and then continue to enjoy significant savings on your bill year after year.
- **Battery or mains power operation are available.** Long battery life. Ultra low power consumption means complete safety and batteries that last for years.
- **Small and unobtrusive, our vandal resistant design is unlikely to attract any unwanted attention.**



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