



South West Hygiene

9 Miller Business Park,
Station Road,
Liskeard,
Cornwall,
PL14 4DA

T: 01579 348999

F: 01579 344060

W: southwesthygiene.co.uk

E: swadmin@southwesthygiene.co.uk

South West Hygiene Case Study

Water Management Solutions

Customer

Toshiba Carrier UK Ltd distributes air conditioning parts across the country from its large distribution centre in Plymouth.

Challenge

To provide the customer with a cost effective and reliable solution to help reduce their water usage, this has been measured at 120 –150 cubic meters per month. The urinals are located in three locations across their site and are continually flushing water.

Solution

The most efficient and cost effective solution for the customer was the installation of five water management systems to control the flow of water in to each tank thus reducing and controlling the number of flushes in to each of the urinals which then decrease the customers water usage for each urinal.

The urinal control is used for multiple station urinals and can be surface or ceiling mounted. This works by using a passive infrared (PIR) detector which detects movement within the 'sensing area', switching the unit into a timing mode. After a pre-set time, the solenoid valve opens allowing water to flow into the cistern activating the flushing cycle. The fill-time for the cistern can be customised by the user using the appropriate switches on the unit's board. There is also a set of dip switches to adjust the time delay after activating the PIR. The system's fast fill design helps eliminate scale problems associated with slow or drip fed systems. An automatic 'janitorial' flush every 12 hours is also programmed into the unit, should the system not be used during that time to help flush away any waste. The individual sensing urinal control systems are designed to detect individual users and only flush when the user walks away.

Result

South West Hygiene not only delivered and installed five water management systems on time in the three locations required. The installation of the urinal control units has reduced the usage from 120-150 cubic meters a month down to 40-50 cubic meters a month.

Quote

Site Maintainer – “extremely happy with the product and the water savings it has already produced.”