

HOW YOU CAN SAVE £447 A YEAR

Electronic Urinal Flush Control System

Guaranteed savings in Commercial buildings

<http://www.urinalflushcontrol.co.uk>

Water Saving Assumptions:

MANUAL SYSTEM

Three urinals are fed by a 9 litre cistern and the water flow rate has been adjusted so that the system flushes every 20 minutes.

WATER WATCH CONTROL SYSTEM

the cistern is controlled by an electrical solenoid valve which is automatically opened for a pre-set period every 20 minutes. A PIR presence detector ensures that the system does not flush if the washroom is unoccupied.

Water consumption:

The toilets are assumed to be available for 9 hrs/day, 6 days/week and 52 weeks /annum. They will not be continuously occupied and a utilisation factor of 60% is used to allow for unoccupied periods longer than 20 minutes.

Manual system - flush every 20 minutes, 24 hours/ day, 365 days/ year

Total flushes per year	26,280
Consumption @ 9 litres per flush	236.5 M ³

Water Watch flushing after 20 minutes during occupancy period

Occupancy period	9 hours/ day 6 days/ week 52 weeks/ year = 2,808 hours/ year
Annual flushes (@ 20 minutes = 3/ hour)	8,424
@ 60% occupancy factor	5,054
Consumption @ 9 litres/ flush	45.5 M ³

Water saving = 236.5 - 45.5 = 191 M³

Cost saving @ 2.342 p/ M³ = £447.32

Unit charge based on United Utilities rate for 2011/12

Mesh Communications Limited
21 Ashwood
Bowdon
Altrincham
Cheshire
WA14 3DN

Email; admin@meshcom.co.uk
Phone: 0161 929 7844

Fax: 0871 900 4108