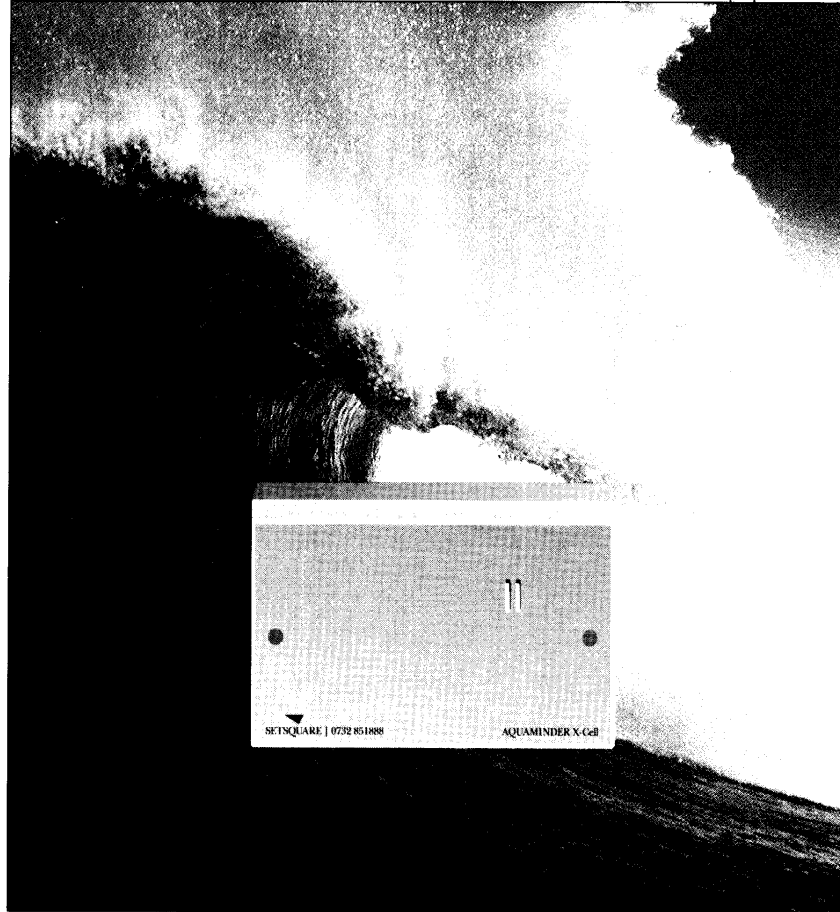


# AQUAMINDER X-cell

718 9941



**All the benefits of an  
occupancy operated cistern flushing control  
without the hassle of mains wiring.**

## **Benefits**

- No mains wiring
- Minimises water and sewerage charges
- Flush control now required by law
- Flushing only when system in use
- Over 80% savings achievable
- Payback under 1 year
- Hygienic flush every 24 hours
- Designed to blend in with existing fittings
- Designed and manufactured in the UK
- Not affected by air movement
- Not affected by pressure changes in system
- Not operated by pressure changes in system
- Integral water strainer prevents clogging
- Easy to install
- No maintenance required
- Vandal resistant case
- 5 year guaranteed power pack
- Low power 9v latching valve

**5 YEAR  
GUARANTEE**  
module, lithium cell and valve

All the benefits of a standard cistern flushing control but without the hassle of mains wiring.

Utilising a long life power cell and low power latching valve, the Aquaminder X-cell complements

the highly reliable and well established Aquaminder range.

Building on years of experience Setsquare developed the first truly stand alone passive infra red based cistern flush control.

#### The difference it makes installing an Aquaminder X-cell to a 3 gallon system

	Uncontrolled	Uncontrolled	Aquaminder X-cell
Flushes per hour (average)	x3	x6	x2
Hours per day	x24	x24	x8
Days per week	x7	x7	x5
Weeks per year	x52	x52	x48
Total litres per year (1 gallon = 4.546 litres)	=357,425	=714,849	=52,369
Water cost per year*	£178.71	£357.42	£26.18

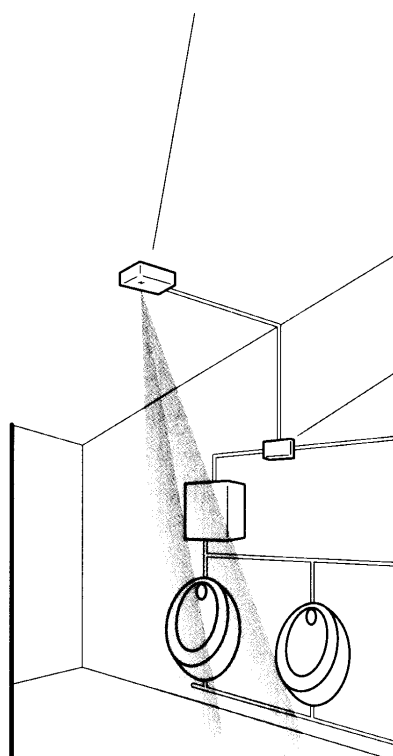
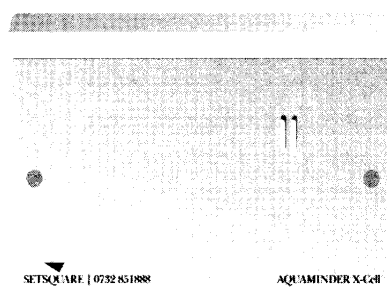
\* Based on 50p per 1,000 litres, water/sewerage charges

At a conservative 50p charge per 1000 litres for water and sewerage, annual cost would be reduced from £178.71 to £26.18, a saving of £152.53 every year. These are real savings, on only one cistern. Note: Water charges vary throughout the country, we suggest you check your charge before calculation.

#### How it works

Utilising highly sensitive passive infra red detection, the Aquaminder X-cell checks a defined area in front of the urinals for occupancy. On detection of movement across the control zone, the unit pulses a signal to the low power latching valve module. This pulse opens the valve allowing a controlled flow of water to the cistern allowing it to fill and flush. On completion of the flush cycle, a further pulse is sent to close the valve. The unit will not allow water flow until it detects movement in the control zone. The Aquaminder X-cell includes an automatic 24 hourly hygienic flush cycle which operates automatically during weekends, holidays, etc.

The Aquaminder X-cell is easy to install and blends in with existing fittings.



#### BYELAW 83 (from Water Supply Byelaws)

- 1 Every pipe which supplies water to a flushing cistern or trough used for flushing a urinal shall be fitted with:
  - a a flow shut-off device controlled by a time switch and a lockable shut-off valve; or
  - b some other equally effective automatic device or method for regulating the periods during which the cistern or trough may fill.
- 2 Paragraph 1 shall not apply to a flushing cistern or trough which is:
  - a manually operated; or
  - b fills and flushes by the operation of some other fitting, a signal transmitted from a photo-electric cell or pressure pad, or some other device designed to ensure that the cistern flushes only after the urinal is used.

The Aquaminder range also includes:

#### The Aquaminder Fast Fill

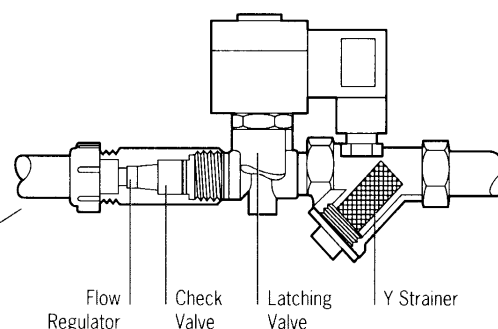
The 'problem water' electronic PIR water control for gents toilets.

#### The Aquaminder Timer

The battery powered timed water control for gents toilets.

#### The Aquaminder SF2

The standard electronic PIR water control for gents toilets.



# SETSQUARE

Conservation through Technology

5a Valley Industries, Hadlow Road, Tonbridge, Kent TN11 0AH  
Telephone: 01732 851888 Fax: 01732 851853