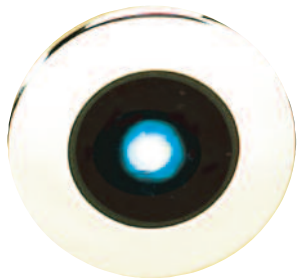


Electroflo



Electroflo produces heavenly results for The Mad Bishop:
A case study in cutting water consumption and costs



Mad Bishop & Bear

The innovative Dudley Electroflo electronic WC flushing system is helping to provide a hygienic, water-saving solution at Fuller's Mad Bishop and Bear.

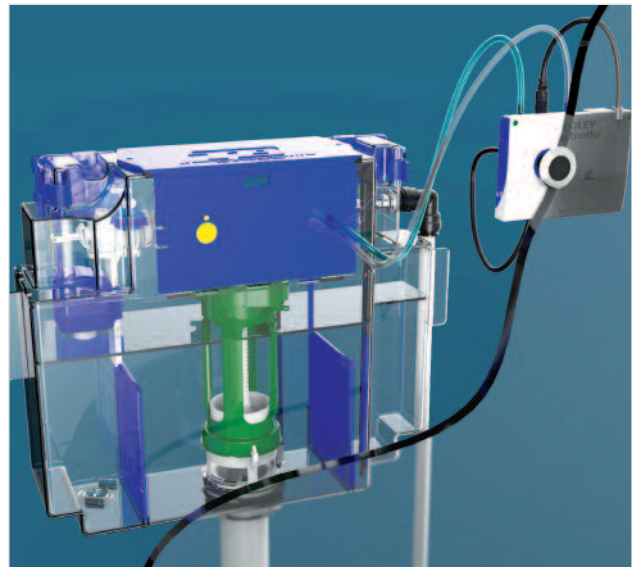
Located within London's bustling Paddington Station, the traditionally styled pub serves thousands of commuters each year.



The Electroflo provides touch-free infra-red flushing through a single, discreet sensor and can be used with Vantage and Miniflo concealed cisterns and Illusion A and V frames for wall-hung WC pans.

It is driven by a compact control box measuring just 130mm wide x 105mm high. This is concealed behind the panelling, partitioning or furniture and sits immediately behind the sensor.

The Vantage cistern incorporates a host of time-saving features and delivers 6/4, 5/3 or 4/2.6 litre dualflush to help minimise the amount of water used for flushing toilets.



Simple to install and a proven water-saver

The Electroflo was installed as part of a major refurbishment of the Mad Bishop and Bear.

Dean Fisk of Nottingham based contractors Dean Fisk Plumbing and Heating Ltd who undertook the refurbishment explained *"the Electroflo was specified by Fuller's following discussions with ourselves and specialists from plumbers merchant PTS.*

The objective within the public washrooms was to significantly reduce water consumption and the costs associated with installation and on-going maintenance".

Full or reduced flushing is activated when a hand is waved across or held in front of the sensor, removing the need for users to touch a lever, pushbutton or push plate. The sensor then informs the user when full or reduced flushing is being delivered and when the cistern is refilling.

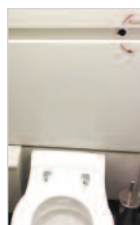


The interactive sensor and commercial sensor surround complete with operating instructions

Potential water savings that can be achieved using Electroflo WC

| Application | Traditional 6 litre single flush WC | Electroflo providing 6/4 litre dualflush |
|---|-------------------------------------|--|
| Domestic bathrooms (based on family of 4 each using tap 6 times per day): 1 full flush to every 3 reduced flushes: | | |
| Uses per day | 24 | 24 |
| Average water used per visit | 3 litres | 4.5 litres |
| Total water used per year | 52,560 litres | 39,420 litres |
| Annual water saving | | 13,140 litres |
| Annual financial saving (based on estimated metered charges at September 2011) | | £23.78 |
| Commercial washroom (based on each tap being used 100 times per day). 1 full flush to every 3 reduced flushes: | | |
| Uses per day | 100 | 100 |
| Average water used per visit | 6 litres | 4.5 litres |
| Total water used per year | 219,000 litres | 164,250 litres |
| Annual water saving | | 54,750 litres |
| Annual financial saving (based on estimated metered charges at September 2011) | | £96.21 |

At the Mad Bishop and Bear, the Electroflo was installed in conjunction with Dudley Vantage concealed cisterns. As a result, the Vantage sits neatly behind panelling leaving only the stylish sensor and chrome plated surround visible.



Dean Fisk continued "the Electroflo was fitted into laminated panelling. The cistern was therefore completely hidden away, enabling a very clean looking finish to be achieved".

Cutting Costs

Like all Dudley products, the Electroflo has been developed with the installer and end user in mind. As such, it is simple to fit, extremely reliable and easily serviced. The control box can be powered by battery or mains via a transformer and has successfully passed rigorous 200,000 cycle endurance tests.

Furthermore, the Vantage provides 6/4 litre dualflush and can be quickly converted to 5/3 or 4/2.6 litre dualflush. In commercial sector applications, if a WC for example is used 100 times per day, annual water consumption per WC can reduce by almost 55,000 litres.

Dean Fisk continued "we have been really impressed with the Electroflo. It is simple to install and is a proven water saver. It has also eliminated the need for us to frequently replace broken cistern levers.

When the cistern needs to be serviced, this is also quick and easy which is ideal for applications such as pubs where toilets cannot be left out of use for long periods. We certainly intend to use both the Electroflo and Vantage again for future projects".

The Electroflo range also encompasses a version for ceramic WC cisterns, touch-free electronic taps and the Multiflo intelligent urinal control. The Dudley Illusion range provides strong in-wall support frames for wall-hung sanitaryware. Please refer to the Dudley Product Range Catalogue or visit www.thomasdudley.co.uk/specification.



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