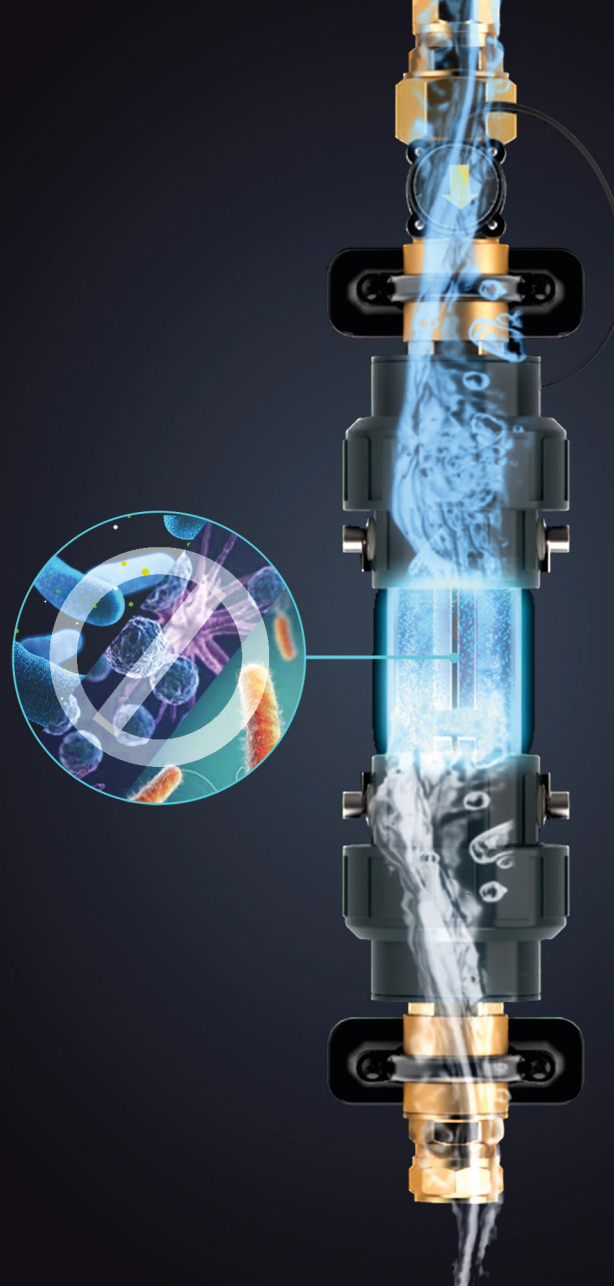


ProEconomy | RAY

Localised low-flow water treatment



BY APPOINTMENT TO
HER MAJESTY THE QUEEN
WATER TREATMENT SERVICES
PROECONOMY LIMITED
MILTON KEYNES

Low-flow water treatment

ProEconomy | RAY

Localised low flow water treatment for the control of disease-causing bacteria such as Legionella and Pseudomonas.

Treats between 1 and 22 litres per minute of water and is great for:

- Domestic use
- Small care homes
- Cruise ships and pleasure crafts
- Single hospital wards
- Small schools
- Local surgeries
- Dental practices
- Areas that struggle to get adequate water disinfection levels
- Food preparation
- Swimming pools

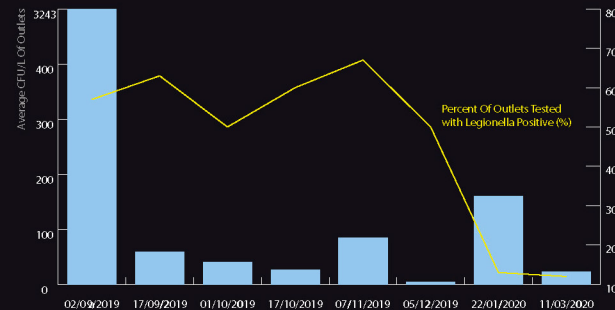
Advantages of copper and silver:

- Good distribution: Solves issues throughout your system not just at the point of contact. Breaks down Biofilm (the breeding ground of bacteria).
- Residual efficacy: Long lasting efficacy. Great for stagnant water.
- Safe and hazard free: Safe to consume and handle. No COSSH issues.
- Non-corrosive: Won't corrode your pipework.
- Scientifically proven to work: Hundreds of sites and hundreds of papers prove it's efficacy.
- Effective at any water temperatures: Won't 'gas off' at high temperatures. Great if you struggle to maintain hot water.
- Highly effective: Eradicates bacteria to make water clean and risk free.

Highly effective water treatment that is:

- ✓ Cost effective
- ✓ Long lasting
- ✓ Low maintenance

Average CFU/L For Outlets Tested for Legionella with the Positive Percentage of Outlets Tested



Copper and silver comparison:

Parameters	Temperature	Chlorine	UV	Point of use filters	Copper and silver
Recommended concentrations at outlet Recommended concentrations at outlet	<20 degrees cold tap >50 degrees hot tap	0.5mg/l maximum	254nm	0.2um pore size	<0.2mg/l copper >0.02 mg/l silver
Residual effect	None	None	None	None	Prolonged
Time to recolonization after system shut down	>4 days	>4 days	Immediate	Immediate	6-12 weeks
Effect on biofilm (the breeding ground of bacteria)	None	Some control	No effect	No effect	Controls
Efficacy affected by temperature	N/A	Decays	Unaffected	Unaffected	Unaffected
Corrosive	Yes	Yes	N/A	N/A	No
Safety	Scalding risk	COSHH safety issues	None	None	None
Summary	Relatively ineffective, difficult to maintain, no effect on biofilm.	Reasonably effective but quickly gasses off at higher temperatures and over distance, toxic, corrosive.	Only effective at point of use, not effective on overall system, no effect on biofilm.	Only effective at point of use, no effect on biofilm, expensive, high maintenance, reduced flow.	Effective, safe, long residual effect, good distribution, not effected by high temperatures, non-corrosive, no safety COSHH issues.

For more information call
01525 854 111
 or email
sales@proeconomy.com

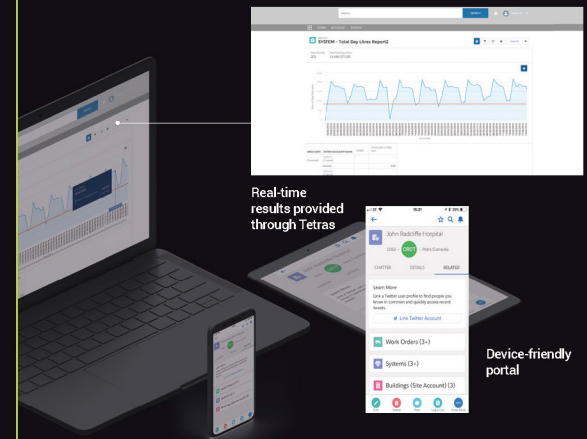
Buy online at
www.proeconomy.com

ProEconomy | tetras

Online water sampling & monitoring

The Ray system includes access to our Tetras Cloud based Water Management system, where results can be displayed, analysed and drilled into.

> Find out more at www.tetras.co.uk



Order your RAY system today

Purchase RAY today for.
£2,999.00*

*All RAY systems require a maintenance plan @ £175/mth
A member of the ProEconomy team will contact you after purchase to help arrange your plan

Buy online at
www.proeconomy.com



ProEconomy | RAY Maintenance plan

The annual maintenance fee includes:

- 4 x annual visits by a ProEconomy engineer to check for scale and wear of the electrodes
- 24 x 250ml bottles will be supplied by ProEconomy with the RAY system. These are required to be returned to the ProEconomy laboratory in the pre paid envelopes supplied. Full details on the sample points and sampling protocol will be supplied.
- Access to our Tetras Cloud-based Water Management System, where results can be drilled into.
- Customer advice and support
- Repairs
- 2 year warranty

For enquiries contact
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- Suitable for a pipe size of 15mm and for a flow rate of up to 22 litres per minute.
- Suitable for cold water applications.
- The price of £2,999 is for the supply of x1 ProEconomy RAY system.
- Advice should be sought by a suitably qualified and competent person prior to and for the installation. ProEconomy cannot accept liability for leaks arising from inadequate installations.
- ProEconomy advice should be sought if salt/resin based softeners are located on site.