

DIRTMAG 

114-9

cleaning & inhibitor  
solutions



altecnic



### IQ3 CLEANER 500ml

- For use in open vented and sealed systems.
- Removes lime scale and magnetite build-up from established central heating systems.
- For use in accordance with BS 7593:2006
- Benchmark Approved

#### Adding the Cleaner

Add to systems via the header tank, system filter, power-flush machine or dosing vessel. Suitable for use with all plastics and metals commonly found in central heating systems including aluminium.

IQ3 CLEANER is extremely effective at dispersing lime scale and magnetite. It doesn't require neutralization.

Its safe to discard to foul sewer / septic tank. Never discard to groundworks.

Circulate for minimum one hour or for heavily fouled systems, one week. Heat improves performance.

Flush out until water runs clear. The Total Dissolved Solids (TDS) reading for system water should be within 10% of the 'mains' reading to indicate sufficient flushing has taken place.

After cleaning add inhibitor.

#### Physical properties

Medium	Liquid
Colour	Amber
Odour	Slight
pH	6 to 8
Relative density	1.10
Solubility (water)	Soluble in cold and hot water
Dosage	500ml per 100l capacity - up to 10 radiators

### IQ1 INHIBITOR 500ml

- For use in open vented and sealed systems
- Prevents scale and corrosion in central heating systems
- For use in accordance with BS7593:2006
- Benchmark approved. BuildCert approved. EST Endorsed.

#### Adding the Inhibitor

Add to systems via the header tank, system filter, power-flush machine or dosing vessel. Suitable for use with all plastics and metals commonly found in central heating systems including aluminium.

IQ1 Inhibitor is a pH stabilised molybdate based inhibitor with an organic acid buffer with synergistic scale inhibitors and preservative. Look for molybdate (as MoO<sub>4</sub>) levels of 50-75ppm in recently treated systems.

The following raw materials are **NOT** present in the formulation:

- Phosphate – this can block wet bearings of circulator pumps
- Nitrate – cheap and not good for the environment
- Borate – potential carcinogen
- EDTA – not good for the environment

#### Physical properties

Medium	Liquid
Colour	Straw
Odour	Mild aromatic
pH	7.5 to 8.5
Relative density	1.07 to 1.13
Solubility (water)	Soluble in cold and hot water
Dosage	500ml per 100l capacity - up to 10 radiators

#### Safety for both the Cleaner and Inhibitor

- Keep out of reach of children
- Dispose of contents/container in accordance with national regulations
- Safety data sheet available on request
- Not suitable for use in single feed PRIMATIC cylinders

Installers are required to carry out installation, commissioning, and servicing in accordance with the Benchmark code of practice, which is available from the Heating & Hot water Industry Council at [www.centralheating.co.uk](http://www.centralheating.co.uk)

Technical helpline: 01785 218 200

#### E & O.E

Altecnic Ltd Mustang Drive, Stafford, Staffordshire ST16 1GW

T: +44 (0)1785 218200 E: [sales@altecnic.co.uk](mailto:sales@altecnic.co.uk)

Registered in England No: 2095101

[altecnic.co.uk](http://altecnic.co.uk)

AL 239 06-12-15