

### On-line descaler to silence kettling and boiler noises



- Removes baked on corrosion and light scale.
- Cures 'kettling' and boiler noises.
- Works during normal operation of system.
- May be left in system.
- Suitable for multi-metal systems including iron, steel, copper, brass and aluminium.
- Neutral formulation.

Whilst boiler noises can indicate heating system design or operational problems, if they develop over a period of time they are often caused as a result of either an uneven layer of light scale or an accumulation of debris (from the heating system itself) within the boiler heat exchanger.

The insulating effect of the deposit causes localised overheating, and in areas where the deposit layer is thinnest water can contact the overheated metal, leading to the formation of steam bubbles on heat exchanger surfaces.

As the bubbles move away from the very

high temperature zone to cooler areas, the temperature falls back below the boiling point of water, and the bubbles collapse and implode to give unpleasant and irritating noises.

SYSTEMHUSH is simply added to the system water, and will dissolve and disperse problem deposits whilst the heating system is working normally, keeping them harmlessly in suspension, so that boiler noises are removed or dramatically reduced, and boiler efficiency restored.

#### APPLICATION

500ml of SYSTEMHUSH is sufficient to treat a typical central heating system of 100 litres capacity (approx. 10/12 radiators). For larger systems, treat at a dosage rate of 0.5% of system volume.

If the system is new or empty, fill with water after adding SYSTEMHUSH to the feed and expansion tank. In the case of modifications to an existing system, with water present, add SYSTEM PRE-CLEAN to the feed & expansion (f&e) tank after

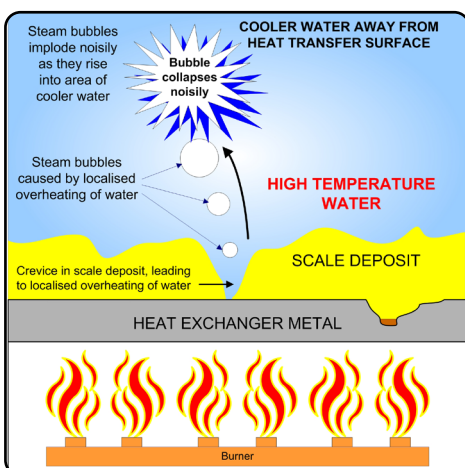
isolating water supply and draining off 15 litres (3 gallons) of water. Allow system to refill completely.

Alternatively, SYSTEMHUSH may be injected directly into a radiator, using a SYSTEMSURE IK6 injector.

SYSTEMSAFE-DM scale and corrosion inhibitor should be added to the system after the operation.

7-14 days should be allowed for the SYSTEMHUSH to work and to reduce noise to acceptable levels.

Pack sizes: cartons of 12 x 500ml and 10 litre plastic drums.



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**TEL: 01727 875020 | WWW.KAMCO.CO.UK | INFO@KAMCO.CO.UK**  
Kamco, Unit 9, Curo Park, Frogmore, St Albans, Herts, AL2 2DD, UK  
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