

# ADDENDUM

To be left with the user

## IMPORTANT INFORMATION

### Flexicom cx, sx & hx

The following should replace the **Water Treatment** section in Chapter 5 of the Installation manual, Water Systems - General

#### General

**The Glow-worm Flexicom range of boilers have an Aluminium alloy heat exchanger. Water treatment products used in the system should be suitable for use with Aluminium.**

**Existing system-** It is ESSENTIAL that prior to installing the new boiler the system is thoroughly flushed.

**New system-** For optimum performance after installation, the boiler and its associated central heating system should also be flushed.

For long-term corrosion protection, after flushing, an inhibitor should be used, refer to the current issue of BS 5449 and BS 7593 on the use of inhibitors in central heating systems.



***Debris left in the system can damage the boiler, reduce efficiency and also lead to system corrosion and generation of flammable gas. Failure to comply with the guidelines for the use of water treatment with the appliance will invalidate the appliance warranty.***



***The pH value of the system water must be between 6.5 and 8.5 or the appliance guarantee will be invalidated.***

#### Before flushing the system

- Ensure that the system and pipe work is in good working order.
- Where possible keep the existing boiler/circulating pump in place when flushing the system.

#### Flushing the system

- Fill the system with cold water and check for leaks.
- Open all drain cocks and drain the system.
- Close drain cocks and add a suitable flushing agent (cleaner) **compatible with Aluminium** at the correct strength for the system conditions in accordance with the manufacturer's instructions.

Examples of suitable flushing agents/cleaners are:

**Sentinel X300, X400**

**Fernox F3**

- Circulate the flushing agent before the boiler is fired up.
- Run the boiler/system at normal operating temperature as directed by the manufacturer of the flushing agent.
- It is essential to drain and thoroughly flush the whole system to remove the flushing agent and debris.
- It may be necessary to use a power flushing machine to aid the cleansing procedure in some circumstances.

#### Inhibiting the system

Close the drain cocks and refill with fresh water.

Add a suitable inhibitor or combined inhibitor/anti-freeze, if the system is exposed to freezing conditions, to the heating system in accordance with the DWTA code of practice and inhibitor manufacturer's guidelines.

Examples of suitable inhibitors are:

**Sentinel X100**

**Fernox protector F1**

Vent any air from the boiler and system.



***Artificially softened water must not be used to fill the central heating system.***



***Sealing agents - The addition of sealing agents to the system water is not permitted as this can cause problems with deposits left in the heat exchanger.***



***Ensure that the pH of the treated system water is confirmed as between 6.5 and 8.5 and free of any residual deposits from the flushing process.***



***Ensure the Benchmark Logbook is completed with information on water treatment products before handing over to the user.***