

20% to 35% Energy Savings for Care Homes

Hydromx Energy Saving Solution is a high technology nanofluid designed specifically to transport heat more effectively. What this means in practice is that heat from a central heating boiler can be carried more efficiently through the system and transmitted more effectively through the radiators into the rooms. This in turn means that to maintain a room at a specified temperature, the system works more efficiently burning less fuel.

This is very much of an over-simplification as this is a complex subject but 10 years of experience across the world has demonstrated a consistent level of savings in the range of 20 to 35% - and sometimes even more. Hydromx, by the way, works even better in cooling systems.

With care home heating costs average 12000 kWh per bed per year the savings that can be achieved are considerable with payback within 12 to 18 months.

Complete System Protection

Hydromx offers comprehensive boiler and system protection in addition to substantial energy savings.

- Energy savings of up to 35% in sealed or vented thermostatically controlled systems
- Comprehensive System Protection against corrosion, calcification, bacterial growth and freezing
- 20 year insurance backed warranty assuring continued performance.

Hydromx is an effective BuildCert CIAS approved inhibitor which protects against corrosion, calcification and bacterial growth. The four way system protection afforded will maintain the industry's highest levels of boiler and system efficiency by:

- Enhancing system efficiency by the use of the unique nanofluid technology.
- Limiting corrosion and calcification, eliminating bacterial growth and avoiding burst pipes.

The Hydromx solution offers energy savings, reduction in carbon emissions, reduced maintenance costs and increased equipment life and asset protection.

In Summary:

1. Reduced energy bills from significantly increased system efficiency
2. Reduced carbon emissions
3. Reduced maintenance costs: boiler repairs, pumps, seals, leaks, chemical cleaning, power flushing
4. Reduced capital costs from extending the life of boilers and systems.