

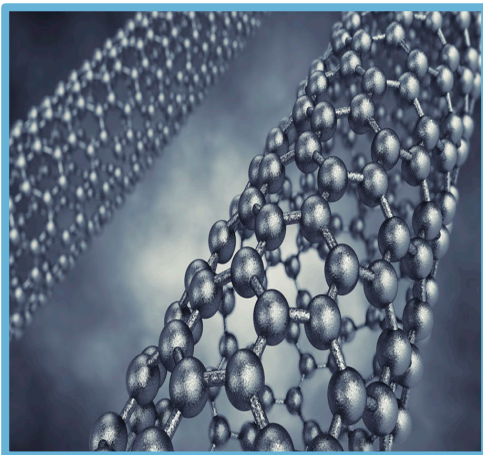
## Hydromx Heat Transfer Fluid

### What is Hydromx?

Hydromx is a revolutionary fluid that uses nano-particles suspended in a stable state to increase the speed of heat transfer.

Hydromx achieves this by reaching required temperatures faster, significantly reducing the energy required.

Hydromx is suitable in closed-loop heating or cooling systems where efficiency is achieved by diminishing run-times of associated equipment.



### How does it work?

Hydromx uses Nano-Thermo technology, a patented system, to improve heat transfer. By rearranging the molecular structure of the fluid, Hydromx improves the heat transfer rate.

The chemical fills the void between the molecules of the base fluid at a nano scale, enhancing the heat transfer capability of the fluid.

### The benefits of Hydromx.

- Improved efficiency of heating or cooling systems by 20-35%.
- Rapid return on investment (“ROI”).
- Extension of main equipment life by reducing run time
- Reduced maintenance costs for boilers, AC units and chillers.
- Installation is quick with minimum disruption.
- Little annual maintenance, with minimum cost and skill level requirement.
- Hydromx offers 100% freeze protection to the system.
- Hydromx also acts as a corrosion inhibitor, saving the cost of a separate chemical.
- 15 years manufacture’s warranty.



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### Case Studies



Boiler manufacture Hamworthy installed Hydromx at its offices in Poole.

The three-story office has two Hamworthy gas boilers with an installed capacity of 95 kW.

The trial resulted in a **30.9%** saving in energy usage.



Forest Green Rovers football club installed Hydromx at its ground.

FGR witnessed a **30%** heat energy saving of 90 596 kWh.

CO2 emissions were reduced by 18.3 tonnes

FGR saved £3570 per annum on its heating bill.



RCT homes carried out a trial of 20 homes.

RCT employed Atega Consultancy to independently verify the results.

Atega found that the homes in the trials benefitted from a **28.24%** decrease in gas usage



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