



ENERGY SAVING NANO-TECHNOLOGY



Hydromx®

Heat Transfer Fluid for Sustainable Energy Savings

Welcome to the future of energy efficiency: introducing Hydromx®, a revolutionary heat transfer nanofluid designed to optimize the performance of heating as well as cooling systems. Read on for more information about the history of Hydromx®, how it works, the easy installation process and, above all, how it results in significant energy savings.

The History of Hydromx®

Hydromx® was born out of the need for an advanced heat transfer fluid that could improve the efficiency of closed-loop heating and cooling systems. The product of many years of research and development, Hydromx® is a patented formula that transcends the capabilities of conventional cooling fluids. At the cutting edge of innovation and sustainability, the ultimate goal of Hydromx® is to create a significant impact on energy savings as well as on saving our planet.

How does Hydromx® work?

The Science Behind Efficient Heat Transfer

Hydromx® works by improving thermal conductivity, which results in a more efficient transfer of heat in comparison to other mediums such as water or other conventional fluids. The advanced formula behind Hydromx® was designed to facilitate the rapid and uniform distribution of heat, thus optimizing the performance of heating and cooling systems.

The secret ingredient is a special mix of nanoparticles, thanks to which heat is transferred more efficiently and turbulence is increased. This results in a smoother and more effective dissipation of heat. Apart from saving energy, this innovative approach also extends the life of the entire system, while keeping the cost of maintenance down to a bare minimum.

A summary of the advantages



Broad range of applications



Easy installation process



Direct saving of Co2 and gas

The installation process

Fast and Easy

One of the most noteworthy features of Hydromx® is its simple installation process, which allows for seamless integration into all current heating and cooling systems. Our qualified installers ensure a smooth transition to Hydromx®, with the shortest possible downtime of your system. In fact, most systems can be drained and refilled with Hydromx® within a single day.

The installation procedure was designed with your convenience in mind, no matter the field of application: residential, commercial or industrial. Our experts take all the time needed to understand the specifications of your system and ensure a perfect integration with Hydromx®. In many cases, we do this in consultation with your engineering systems firm.



Checking

Prior to draining the closed system, the installation is thoroughly checked for rust and dirt, among other things.



Flushing

Then the entire system is flushed to ensure that the pipes and radiators are clean.



Filling

With the help of special tanks, the Hydromx® is circulated in the installation after thorough inspection.

Reliability Hydromx®

At Hydromx® we understand that reliability is crucial. That's why we offer not only an advanced heat transfer fluid, but also a comprehensive package of guarantees, safety measures, and high-quality service.

Warranty As we are convinced of the high quality of our products, we offer a 20-year warranty. If you nevertheless encounter a problem, you can count on us to resolve this quickly and effectively.

Safety Hydromx® was developed according to the highest safety standards. Our formula was awarded the highest certification possible and tested on compatibility with a diversity of materials. This means that it can be safely integrated into a wide range of systems. As Hydromx® is not flammable, its use will enhance the safety of your entire system.

Service Our dedicated team of expert technicians is at your service if you have any questions or require our support. We are happy to help, whether you are in need of maintenance assistance or require extensive advice about the use of Hydromx® in a specific field of application.



How much does Hydromx® cost?

An Investment in the Future

The cost of Hydromx® depends on the specific application and the scope and size of the system. However, it should always be taken into consideration that these costs are an investment in future energy savings and the long-term efficiency of your heating and cooling system.

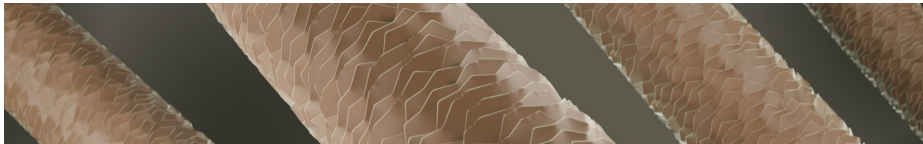
Our expert consultants will be happy to compile a detailed analysis of all the expenses involved, based on your specific requirements. As transparency is one of our highest priorities, we want to ensure that you are fully informed of your investment and potential energy savings in the long term.

Receive a non-binding quotation and discover the surprisingly fast ROI of Hydromx®

Nano technology

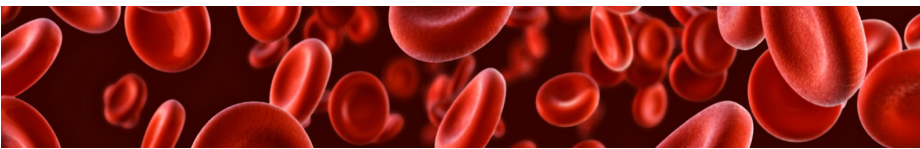
What is nanofluid exactly?

A nanofluid is a fluid into which nanoparticles were dissolved or are suspended (not completely dissolved). These particles can be measured at nanoscale (1-100 nanometers) and have a number of positive features, such as a high surface energy, thermal conductivity or specific reactive properties. The benefits offered by nanofluids include improved performance, a more efficient use of energy, and new applications.



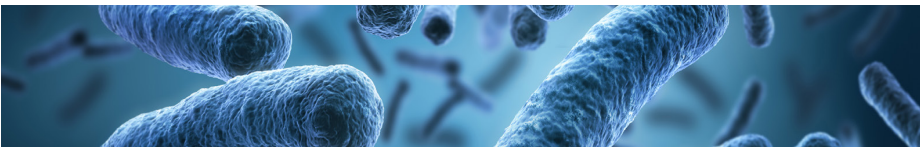
Hair

~100,000 nanometers



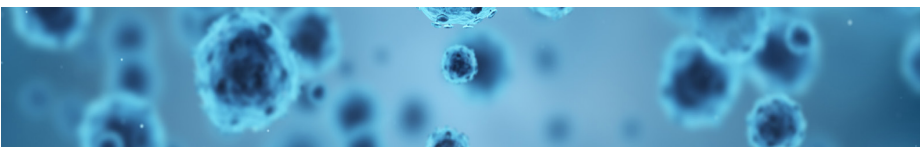
Red blood cell

~10,000 nanometers



Bacterium

~1,000 nanometers



virus

~70–90 nanometers



Influenza

~60–140 nanometers



Gold atom

~0.33 nanometers



Hydromx®

All the benefits at a single glance

- ✓ As Hydromx® is ecologically friendly and non-toxic, it is safer for both users and the environment.
- ✓ Hydromx® decreases fossil fuel consumption by up to 35%, thus contributing significantly to the reduction of CO2 emissions.
- ✓ Hydromx® optimizes the performance of your system and extends the life of your equipment.
- ✓ As it is compatible with all current systems, switching to Hydromx® will not require any far-reaching modifications.
- ✓ Hydromx® is a cost-effective solution with a very fast ROI.
- ✓ It is a highly versatile product that can be used in a broad range of industries, such as heating, cooling, air conditioning and heat transfer systems.
- ✓ More comfort through faster heating. It also maintains heat for a longer time.

Thank you for your interest in Hydromx®!

Do not hesitate to contact us if you would like more information about where to purchase Hydromx® and the contact details of your nearest installer.

Our expert team will be happy to answer all your questions and provide you with all the information you need. Whether you are a private individual, a business customer or a professional in the HVAC industry, our goal is to ensure that you will obtain the best possible support for your purchase as well as the installation of Hydromx®.



Hydromx Europe BV

Gaffel 4

3891 KD Zeewolde

sales@hydromxeu.com

+31(0)20-764 08 44