

## TAKE CONTROL OF HEATING AND COOLING

MuoviXpert is a collector system adapted for high temperatures.

The system uses excess heat from buildings where there is a need for cooling and reuses the heat during the cold time of the year. Works just as well for hybrid systems with solar cells and district heating.

A great benefit for the economy and a sustainable environment!

## DON'T USE ENERGY TO GET RID OF ENERGY!

# MuoviXPERT



## MuoviTech®

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## MuoviTech®

BEST IN EARTH.



## COMPLETE GEOENERGY SYSTEM

MuoviXpert is designed to withstand high temperatures for a long time. The system can withstand a constant temperature of at least 70 °C for 50 years. SDR 11 can handle 7.1 bar and SDR 17 can handle 4.4 bar.

As extra safety, the products have properties that are more resistant to scratches and damage that can occur during installation.

The system uses excess heat from hybrid systems with solar cells, district heating, industries and server halls, where there is a need for cooling.

A great benefit for the economy and a sustainable environment!

### TURBO COLLECTOR®



#### COLLECTORS

TurboCollector provides better turbulence, which leads to better heat exchange in the borehole. 32mm, 40mm, 45mm and 50mm. SDR 11 and SDR17. Lengths up to 500m.



#### WELDING PARTS

The electrofusion parts are made of the same material as other components in the system, for better welds and to withstand high temperatures. Straight, angles and reductions. 32mm, 40mm, 45mm and 50mm. SDR 11.



#### MANIFOLD CHAMBERS AND CABINETS

All manifold chambers and cabinets in MuoviTech's range are available with manifold pipes in high-temperature design. The manifold chambers are delivered complete with valves and couplings adapted for high temperatures. For 2-20 connections.



#### INSULATED PIPES

Pre-insulated ground pipes to lead fluid to and from the boreholes. EPE foam for best insulation and corrugated outer protective pipe. Media pipe diameter 32mm-125mm.

## DON'T USE ENERGY TO GET RID OF ENERGY!

### BY STORING HEAT IN THE GROUND YOU WILL SAVE MONEY - TWICE

You will have an effective system that cools your building, the energy you store can then be used when you need it. This improves the overall COP of the system dramatically.

### DON'T USE ENERGY TO GET RID OF ENERGY

With free cooling you will have access to a stable temperature all year around.

### YOU WILL SAVE THE CLIMATE - TWICE

You are recycling the energy both when you use it for cooling and heating. This does not only reduce your costs, it also reduces your environmental footprint.

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MORE INFORMATION

[www.muovitech.com](http://www.muovitech.com)