

RENOVATION with VarioComp

20 mm modular floor heating.

Designed for fast, efficient and energy-saving renovation.
Optimal as a supplement to the heat pump.



Hardly any space
for underfloor heating?
We have the solution!



The boards can be
laid effortlessly.

+



Simply and quickly press
the flexible VarioProFil
pipe between the nubs!

+



Apply the specially
developed filling compound
and the underfloor heating
is ready.

=



After only a short time,
almost any desired floor
covering can be laid!

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VARIOTHERM

RENOVATION with the VarioComp

The complete system made of gypsum fiberboards tested for building biology can be laid easily and quickly on all level substrates - of course also retrospectively. The floor covering can be applied and put into operation after only a short drying time (min. 24 h).

VARIOCOMP MODULAR FLOOR HEATING

1. Save up to 25% of the energy used for heating with the low-temperature system. Extremely quick regulation helps even more.
2. Fast response time – heats the room in an instant. Pleasant and healthy feel-good room climate included.
3. Quick and easy installation in drywall construction.
4. The VarioProFil pipe is laid evenly between the pre-milled nubs. Apply the specially developed filling compound and allow to dry. Done!
5. The sophisticated complete system: The planning, VarioComp boards, pipes, filling compound, room thermostats, manifolds - Variotherm simply supplies everything!

Important on the subject of cooling floors:

To cool the floor, the system must be connected to a cooling source (e.g. heat pump, deep borehole, ground cooling). Real room cooling is only possible in combination with additional areas on the ceiling and/or wall.



Instant heat.

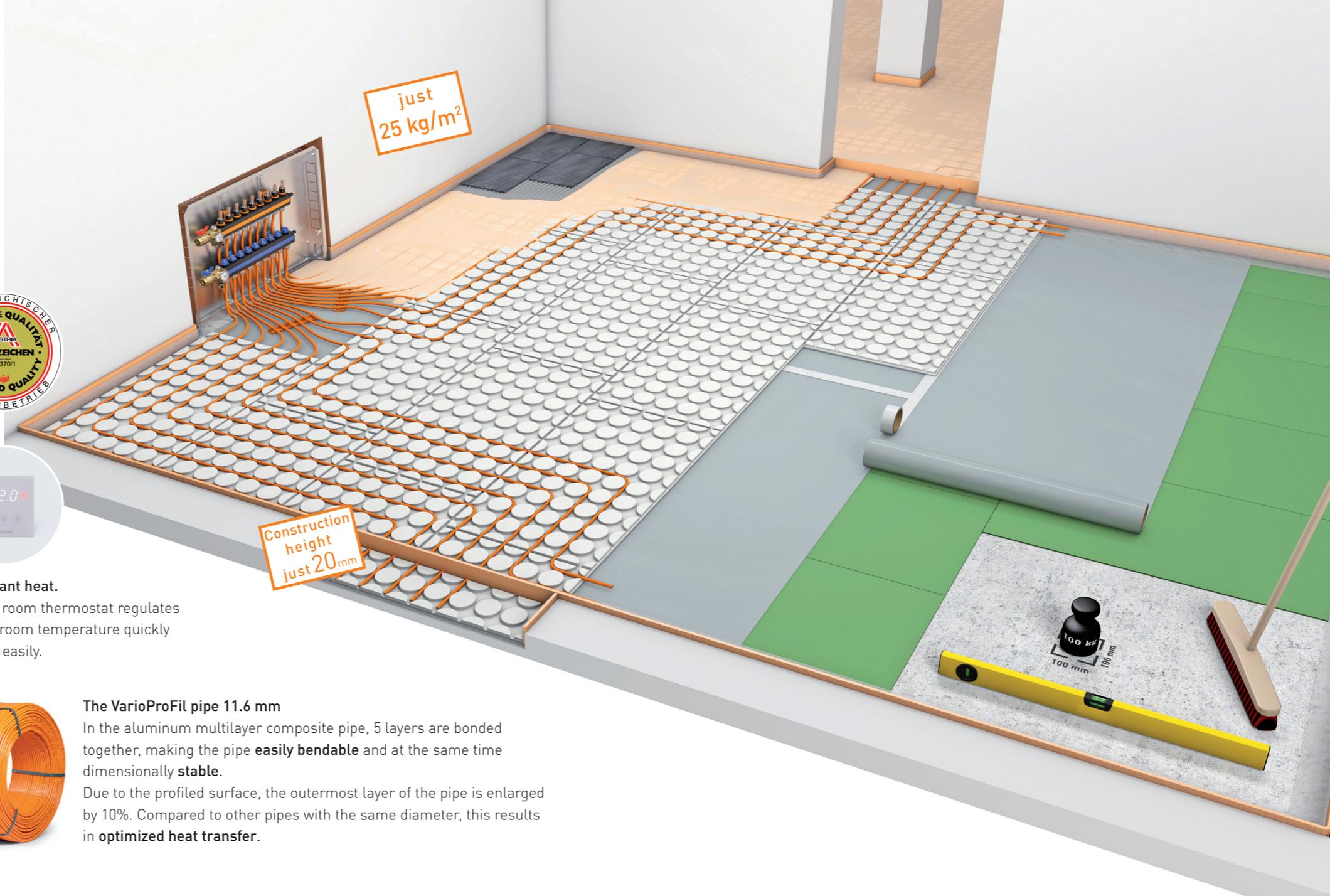
The room thermostat regulates the room temperature quickly and easily.



The VarioProFil pipe 11.6 mm

In the aluminum multilayer composite pipe, 5 layers are bonded together, making the pipe **easily bendable** and at the same time dimensionally **stable**.

Due to the profiled surface, the outermost layer of the pipe is enlarged by 10%. Compared to other pipes with the same diameter, this results in **optimized heat transfer**.





Our video shows the installation of the VarioComp Modular floor heating. Scan the QR Code!

IT'S THAT EASY

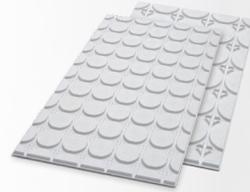
Place boards. Insert VarioProFil pipe. Apply filling compound and peel off. Allow to dry and the comfortable underfloor heating is ready.

The boards, which have been tested for building biology, can be laid in dry construction on all level substrates such as screed, wooden structures or other solid substrates.

After a short drying time, multi-layer parquet, laminate, tiles or stoneware can be applied.



Specially developed **filling compound** with optimized thermal conductivity.



The specially milled routings in the **VarioComp boards** guarantee fast laying, complete floor coverage with a precise distance.

Ecological impact sound insulation **SILENT**

Due to its high impact sound insulation, it reduces sound transmission through the floor. It is the ideal addition for non-insulated subsurfaces.

Our manifolds. All Variotherm heating/cooling manifolds are ready assembled and pressure tested depending on the application and can also be combined with high temperature heating systems!



FAQs

Can the underfloor heating system also be retrofitted?

Yes, the super-slim VarioComp with its installation height of only 20 mm is ideally suited for heating system refurbishment.

Does the VarioComp contribute to the statics of the floor structure?

No, the static requirements and the diffusion protection against moisture must already be present underneath the VarioComp board.

With which flow temperatures is the VarioComp operated?

The VarioComp also heats with lowest flow temperatures between 27 to 35 °C.

Can I place the VarioComp directly on a fill?

No. You need a load distribution layer.

Can I use the VarioComp in damp locations?

It can be used with the appropriate sealing system, depending on the stress group.

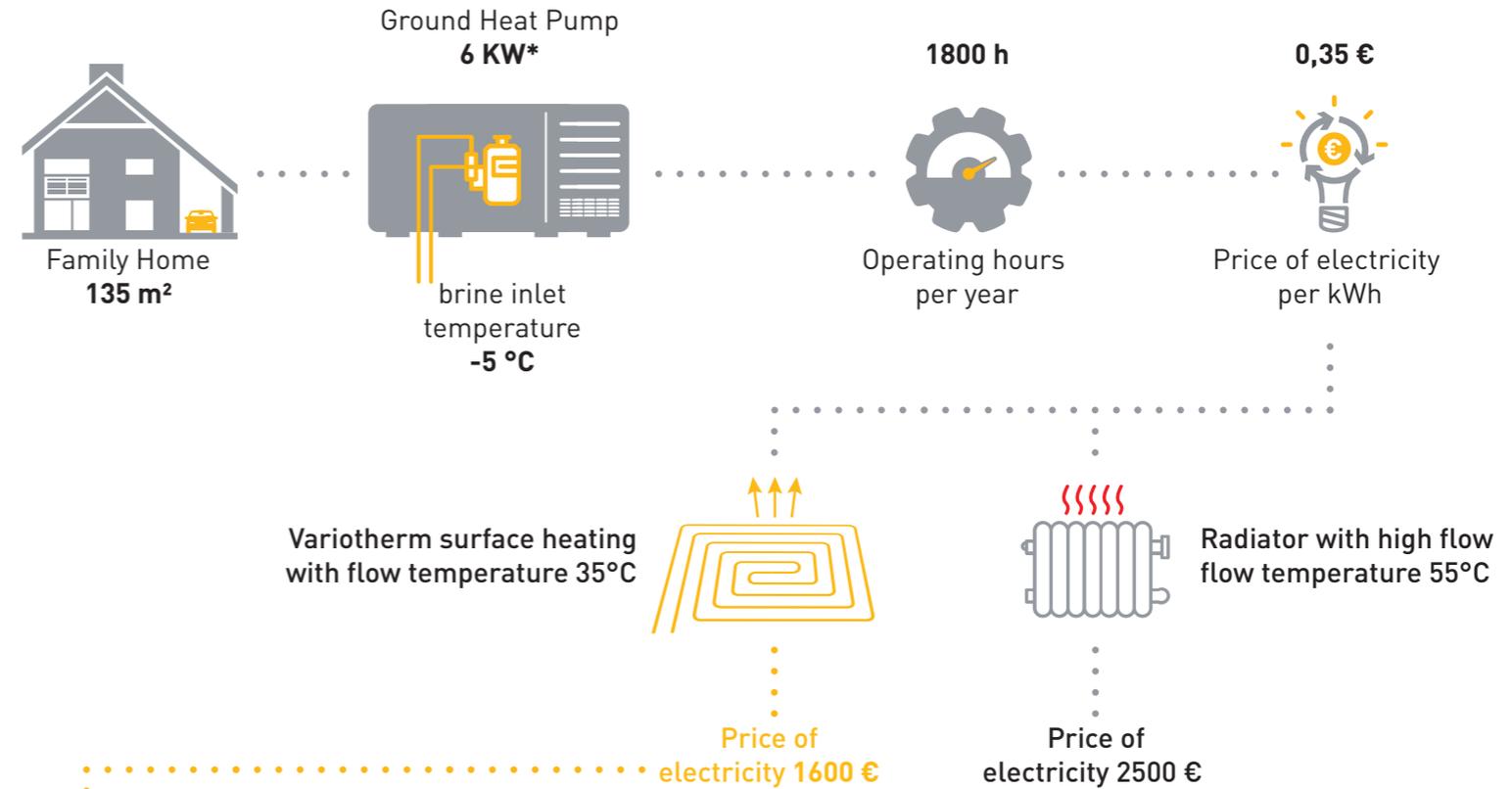
Which floor coverings are possible?

All commercially available floor coverings with good thermal conductivity are possible (e.g. multi-layer parquet, laminate, tiles or stoneware).

What requirements must my floor meet?

The floor must be dry, level and load-bearing. This means that the compact board can also be laid on existing subfloors (e.g. finished screed).

HOW TO SAVE MONEY - AN EXAMPLE



Savings after first year about 900 € • Savings after 10 years about 9.000 € • Savings after 20 years about 18.000 €

*Daikin Altherma 3 GEO

Under these conditions, the electrical energy for 10 kWh of heat is 2.52 kWh of electricity for a flow temperature of 35 °C and 3.99 kWh of electricity for a flow temperature of 55 °C according to the manufacturer.

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