

Uponor

Modern single-family homes build on Uponor

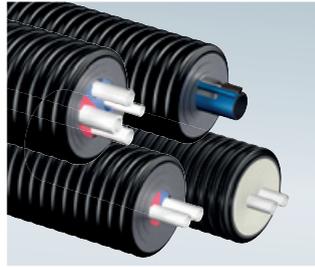
Experience our exclusive solutions designed for the needs of intelligent and modern living in single-family homes

- ✓ Safe drinking water hygiene independent from user behavior
- ✓ Best ambient comfort balancing energy consumption and user preferences
- ✓ Efficient water and energy distribution

1 Connecting buildings for efficient energy distribution

Uponor Ecoflex

Complete range of pre-insulated pipes system for heating, cooling and water distribution. Combining excellent heat loss performance with high flexibility and easy installation.



2 Efficient and safe supply of domestic hot water and energy

Uponor Aqua Port Central

Improved drinking water hygiene due to the absence of the hot water storage tanks

- Reliable hot water supply even when demand is high
- Lowering energy costs thanks to the efficient operation of the heat generator



3 Stagnation prevention and smart monitoring

Uponor Loop Installation

For comfort and the prevention of stagnation, which consequently eliminates bacteria proliferation in the system – independent of single tap usage.



Uponor Smatrix Aqua PLUS

Premium solution for the permanent smart monitoring and regulation of the entire drinking water installation as well as automatic flushing for compliance with hygienic requirements and standards.



S-Press PLUS – the press fitting for Uponor composite pipe

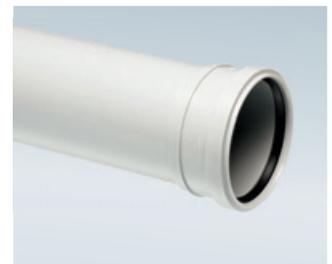
With a decreased pressure loss by up to 60%, as result of the Zeta value optimised fitting design, S-Press PLUS is ensuring an optimal flow rate at all points of use.



4 No noise from soil and waste

Uponor Decibel

The modern silent soil and waste pipe system, combining innovative technology with sound insulation. The noise level is below 10 dB at a flow of 2 litres/second (acc. EN 14366).





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No 1
worldwide expert
for indoor climate
and water
solutions



24/7

smart monitoring
of water quality
and energy
consumptions



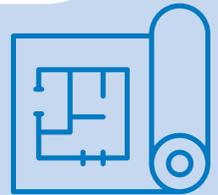
365 days

in thermal
comfort zone
A class



Up to
15%¹⁾

energy savings
through smart
home control
technology



100%²⁾
architectural
freedom



100%
flexibility in
planning,
procurement
and installation

76%³⁾
lowering
the carbon
footprint



100%
hygienic
design



Our
solutions last
50 years⁴⁾
in minimum or
as long as the
building
stands



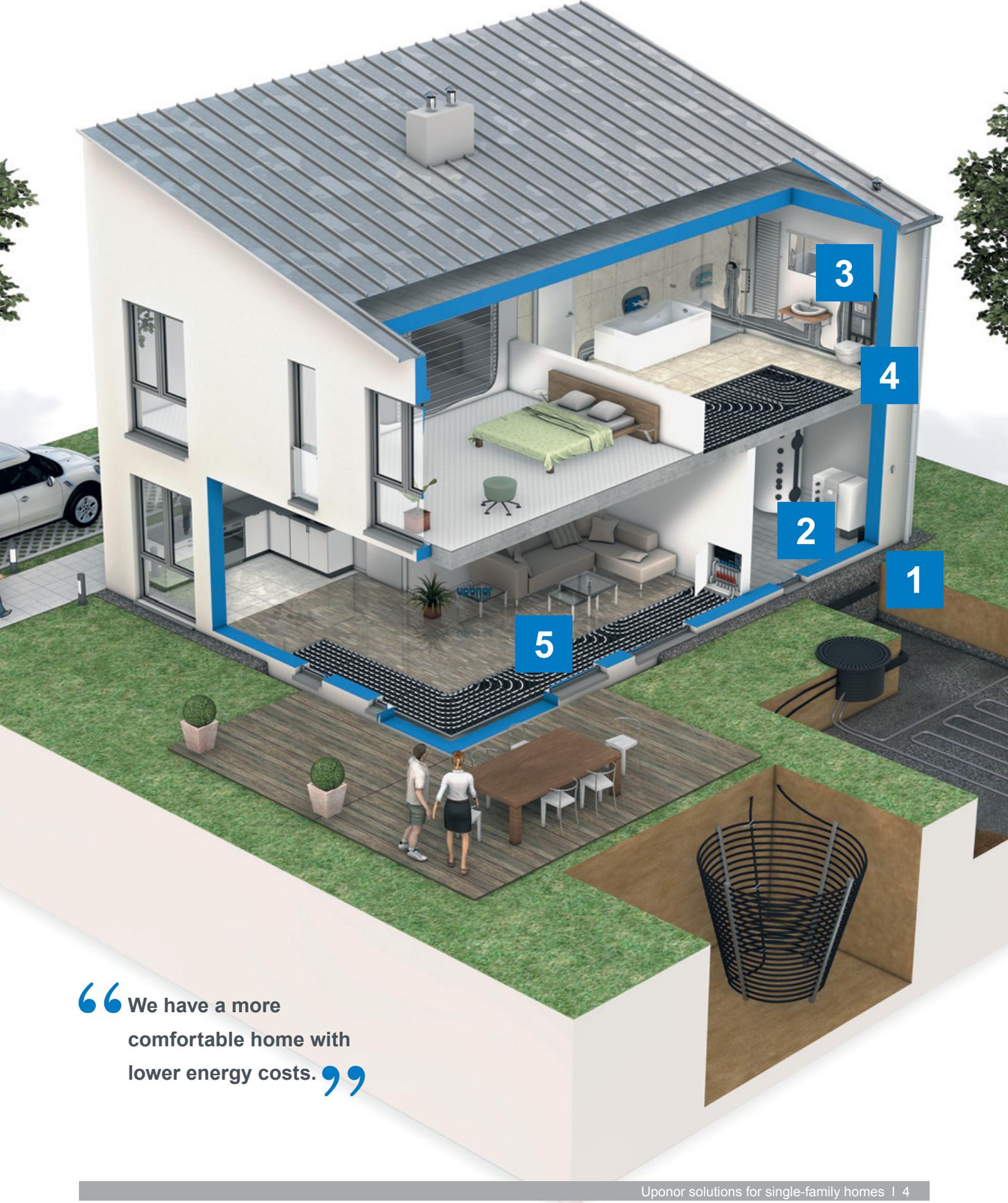
1) Based on Mailach, B, Oschatz, B: „Kurzstudie Energieeinsparungen Digitale Heizung“

2) As only one system for heating and cooling needed, no need for fan coils for cooling and radiators for heating

3) Based on IDA ICE simulations for UFH compared to radiators

4) Based on LCC calculation for Contec On compared to air-based heating/cooling systems

Uponor solutions for single-family homes



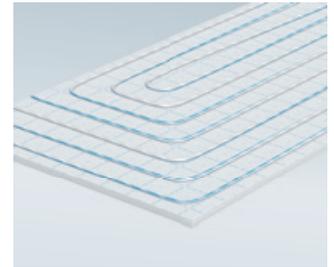
“ We have a more comfortable home with lower energy costs. ”



5 Energy-efficient and comfortable room temperatures

Uponor Klett

Radiant heating and cooling system for fast and easy installation. With graphite-refined EPS insulation for improved thermal insulation properties and a reduction of the floor height by 20%.



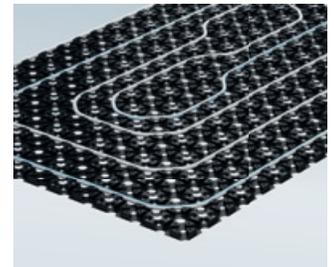
Uponor Renovis

The radiant heating and cooling system with integrated pipes and a low installation height is ideal for retrofit wall and ceiling installation.



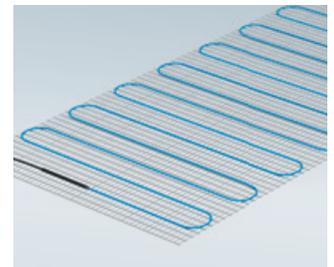
Uponor Minitec

Wet installation system for levelling screed with a construction height of only 15 mm.



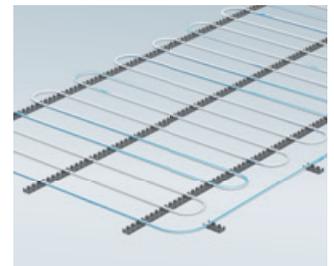
Uponor Comfort E

Electric underfloor heating as complementary solution to existing heating systems for fast heating of individual areas on demand.



Uponor Fix

Plaster cooling ceilings are the solution for comfortable cooling combined with easy installation on solid ceilings and attractive appearance.



Uponor Comfort Port

Custom-made, prefabricated manifolds for a time-saving installation.



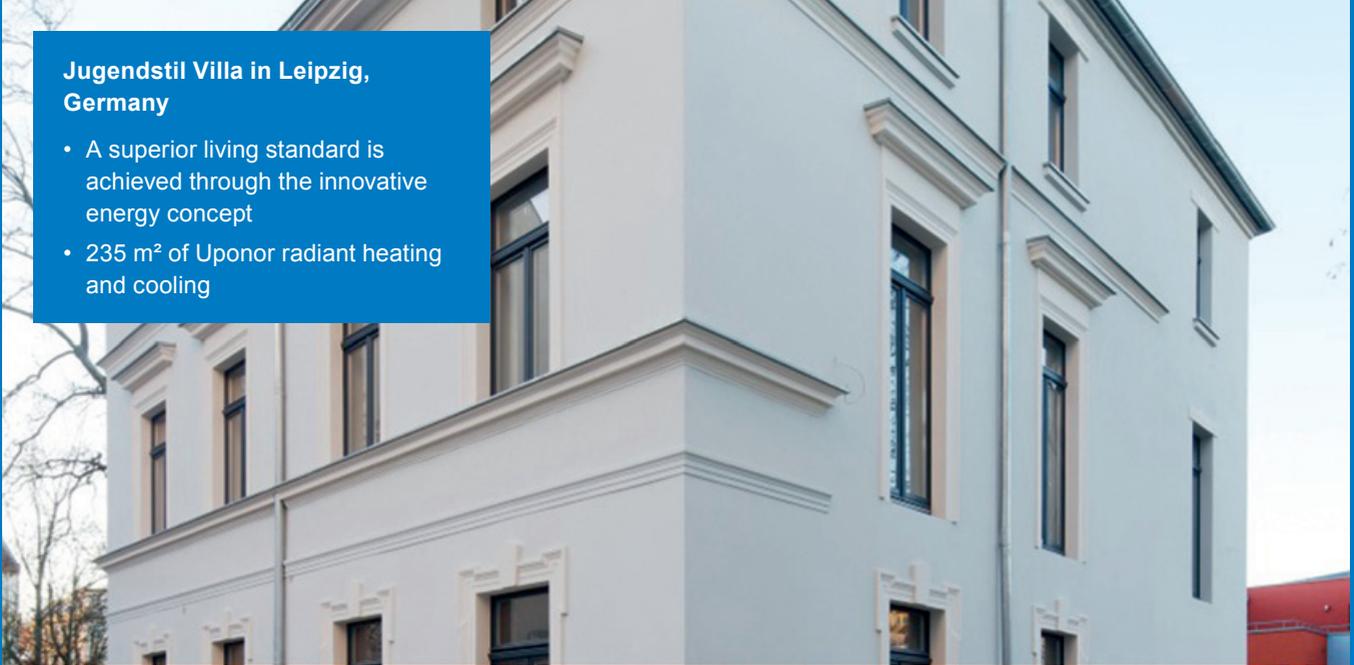
Uponor Smatrix Wave and Smatrix Style

The elegant Uponor Smatrix Style thermostat determines the perceived room temperature. Combined with Smatrix Wave controls it provides optimal room comfort at reduced cost by auto-balancing and full smart home functionality supply.



Jugendstil Villa in Leipzig, Germany

- A superior living standard is achieved through the innovative energy concept
- 235 m² of Uponor radiant heating and cooling



Sami Kapanen's log house, Kuopio, Finland

- Uponor radiant underfloor heating and cooling, the domestic water and wastewater system

Uponor Corporation

Äyritie 20
01510 Vantaa
Finland

T +358 (0)20 129 211
F +358 (0)20 129 2841

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