

Your benefits at a glance

Uponor provides you with an ideal solution for your home. With our heating and cooling systems, we deliver you the perfect balance of invisible and energy efficient comfort. At the same time our high-quality and reliable plumbing systems secure the drinking water delivery and meets the highest hygiene requirements.

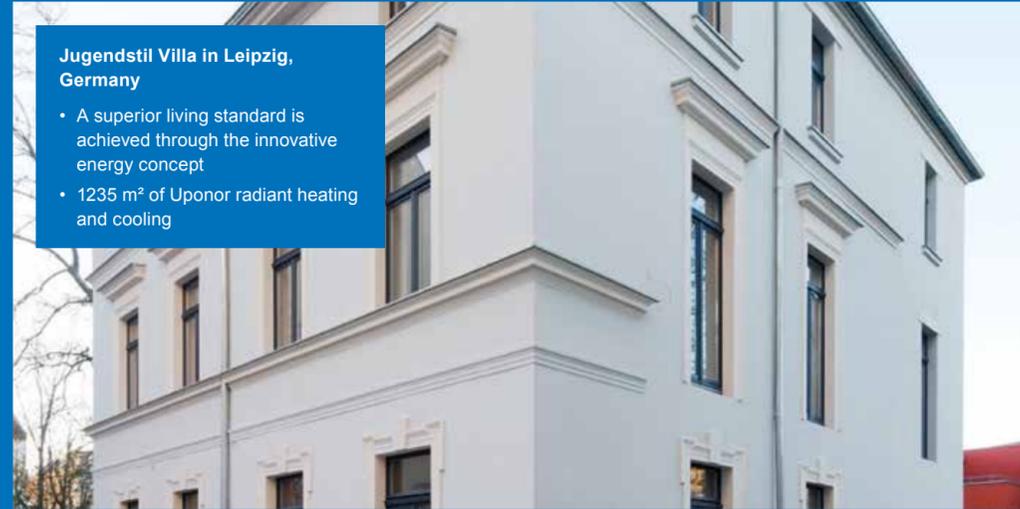
- Up to **30% lower** hot water costs
- Continuous **legionella prevention**
- **24/7 smart monitoring** of water quality and energy consumption
- **Invisible modern systems** for any interior design
- **365 days** in thermal comfort zone A class
- Excellent **heat loss performance** with best-in-class flexibility
- **25%** primary energy **reduction** and CO₂ emission
- **Lower** operating and maintenance **costs**
- Solutions **eligible for grants** (for example KfW, BAFA)
- **Prefab** and **turn-key** solutions for a more **efficient** construction process
- **Complete solution** from one supplier reducing interface complexities
- **Higher value** of the building

Holistic Uponor services for all projects:



Uponor solutions for single-family homes | 3

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Jugendstil Villa in Leipzig, Germany

- A superior living standard is achieved through the innovative energy concept
- 1235 m² of Uponor radiant heating and cooling



Sami Kapanen's log house, Kuopio, Finland

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

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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 behaviour
- ✓ Best ambient comfort balancing, energy consumption and user preferences
- ✓ Efficient water and energy distribution

1 Connecting buildings for efficient energy distribution

Uponor Ecoflex Thermo PRO

Pre-insulated local heat distribution pipes for heating and hot domestic tap water. Combines excellent heat loss performance with high flexibility.



2 Efficient and safe supply of domestic hot water and energy

Uponor Aqua Port Central

On demand hot water generation, preventing legionella as well as reducing heat loss and temperature levels in the installation.



3 Stagnation prevention and smart monitoring

Uponor Loop Installation

For comfort and the prevention of stagnation. This solution eliminates bacteria proliferation in the system – independent of single tap usage.



Uponor Smatrix

Aqua PLUS Coming Soon

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.



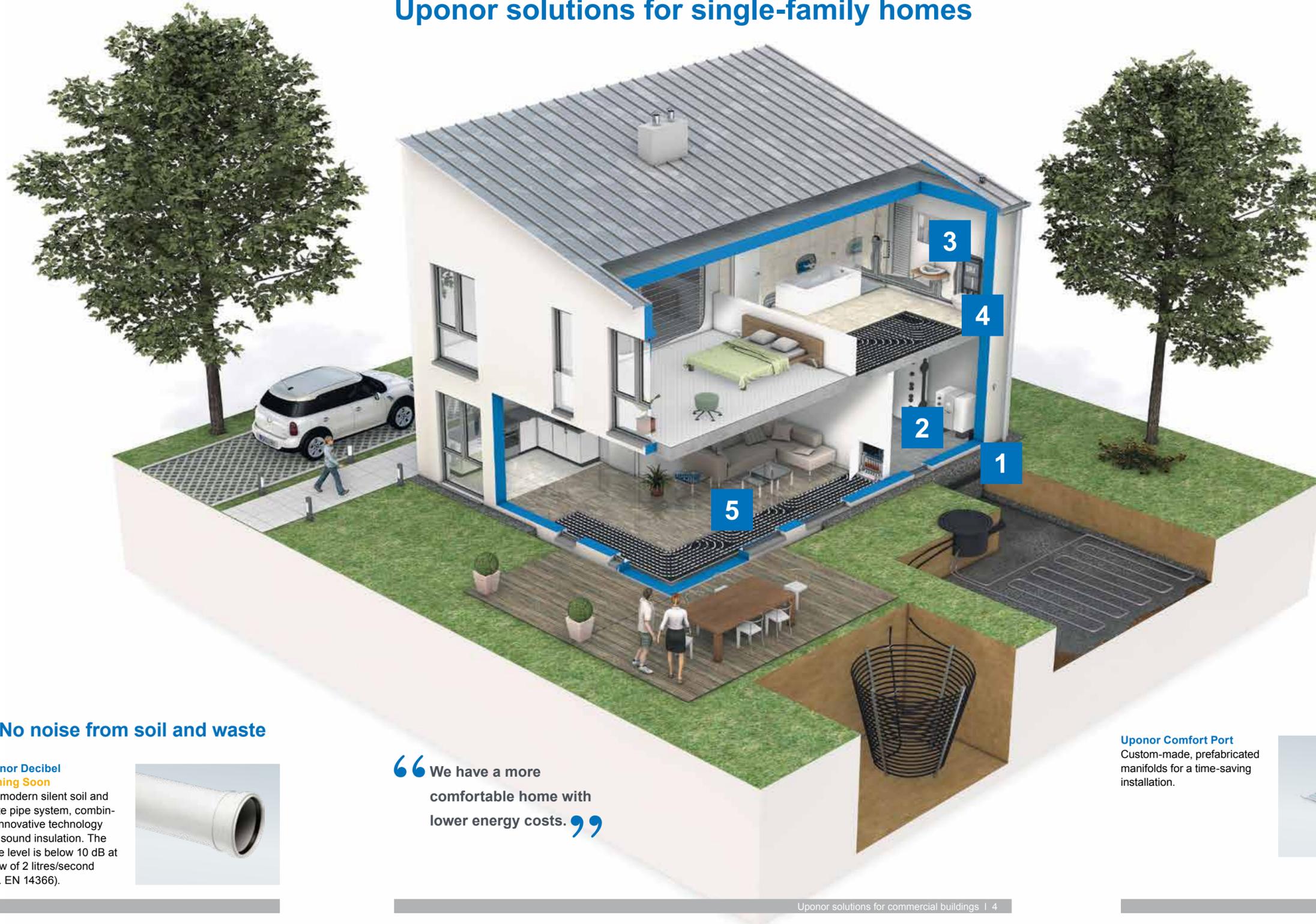
4 No noise from soil and waste

Uponor Decibel Coming Soon

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).



Uponor solutions for single-family homes

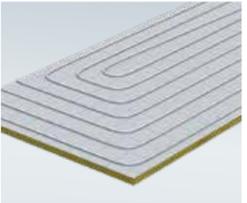


“We have a more comfortable home with lower energy costs.”

5 Energy-efficient and comfortable room temperatures

Uponor Klett

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



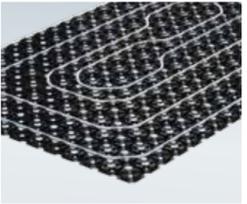
Uponor Renovis

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



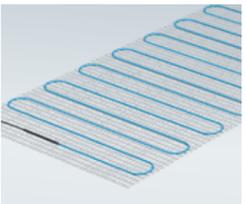
Uponor Minitec

A wet installation system for levelling screed. Contains a construction height of only 15 mm.



Uponor Comfort E

Electric underfloor heating as a 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 and an attractive appearance.



Uponor Comfort Port

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



Uponor Smatrix Wave PLUS and Smatrix Style

The elegant Uponor Smatrix Style thermostat determines the perceived room temperature. Combined with Smatrix Wave PLUS controls it provides optimal room comfort at a reduced cost by auto-balancing the energy supply.

