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.

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).

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.
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No 1 worldwide expert for indoor climate and water solutions

365 days in thermal comfort zone

A class

24/7 smart monitoring of water quality and energy consumptions

Up to 15% energy savings through smart home control technology

100% flexibility in planning, procurement, and installation

100% architectural freedom

100% hygienic design

76% lowering the carbon footprint

Our solutions last 50 years 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.
**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