

uponor

Healthcare buildings build on Uponor

With our complete building solutions including our thoughtful planning and service support you are able to meet highest standards in hygiene, comfort and energy efficiency



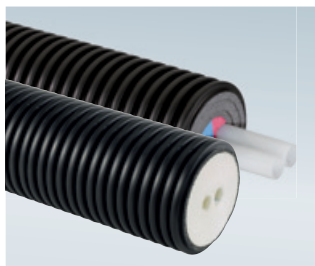
- ✓ Safe drinking water hygiene independent from user behavior
- ✓ Best ambient comfort balancing energy consumption and user preferences
- ✓ Efficient water and energy distribution



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 riser installations with fire protection solutions

The Uponor multi-layer composite pipe system combines easy installation with certified safety features.



Uponor Combi Port

For decentralised supply of domestic hot water and energy for heating and cooling on demand. The prefabricated stations reduce installation time significantly.



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

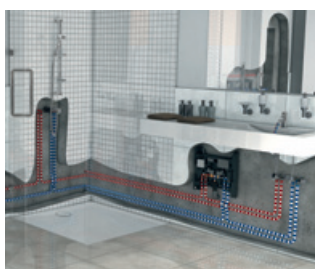
With a decreased pressure loss by up to 60%, as result of the Zeta value optimised fitting design, S-Press PLUS is ensuring an optimal flow rate at all points of use.



3 Stagnation prevention and smart monitoring

Uponor Loop Installation

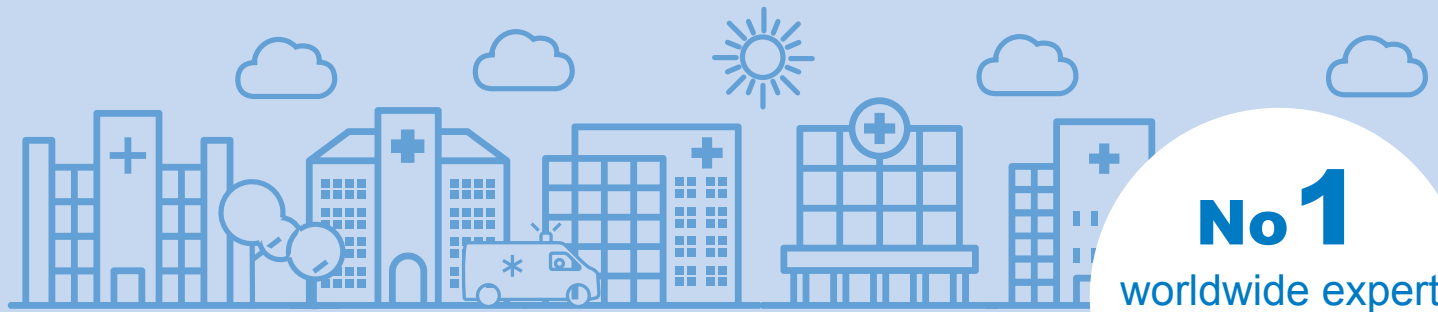
For comfort and the prevention of stagnation, which consequently eliminates bacteria proliferation in the system – independent of single tap usage.



Uponor Smatrix Aqua PLUS

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.





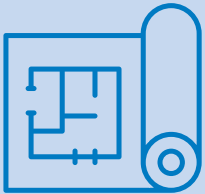
Healthcare buildings build on **Uponor**

No 1

worldwide expert
for indoor climate
and water
solutions



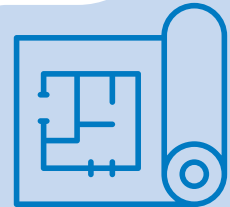
Up to
30%¹⁾
faster
installation



365 days
in thermal
comfort zone
A class



24/7
smart monitoring
of water quality
and energy
consumptions



100%²⁾
architectural
freedom

100%
flexibility in
planning,
procurement
and installation



5x³⁾
longer
component
lifetime

100%
hygienic
design



Our
solutions last
60 years³⁾
in minimum or
as long as the
building
stands



- 1) Based on customer feedback analysis on comparing our pre-fabricated products to traditional systems
2) As only one system for heating and cooling needed, no need for fan coils for cooling and radiators for heating
3) Based on LCC calculation for Contec On compared to air-based heating/cooling systems

Uponor solutions for healthcare buildings

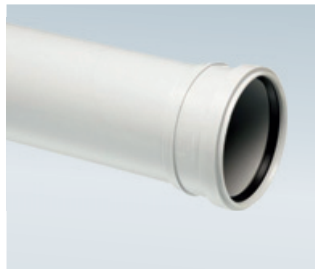


“ Uponor provided me with
hygienic solutions
and a comfortable patient
environment.”

4 No noise from soil and waste

Uponor Decibel

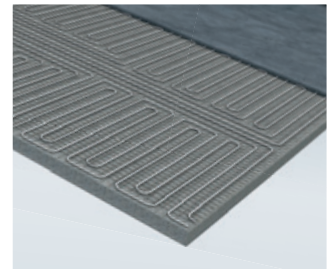
The modern silent soil and waste pipe system, combining innovative technology with sound insulation. The noise level is below 10 dB at a flow of 2 litres/second (acc. EN 14366).



5 Increased safety for outdoor areas

Uponor snow and ice melt

Reliable systems for outdoor areas like driveways, emergency access roads, parking spaces and pedestrian areas. Without time-consuming and expensive snow removal and salting.



6 Energy-efficient and comfortable underfloor heating

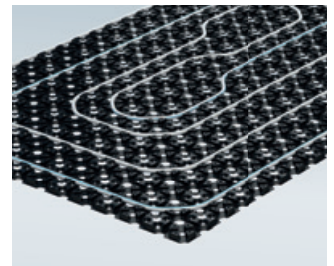
Uponor Comfort Port

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



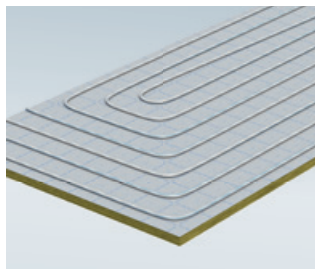
Uponor Minitec

Fast-reacting wet installation system for levelling screed with a construction height of only 15 mm.



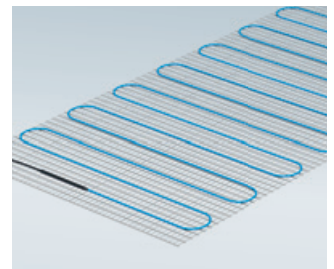
Uponor Klett Silent

Sustainable radiant heating and cooling with improved step sound properties by means of mineral wool insulation.



Uponor Comfort E

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



Uponor Smatrix Style

The elegant Uponor Smatrix Style thermostat determines the perceived room temperature. Combined with Smatrix Pro controls it provides optimal room comfort at reduced cost by autobalancing the energy supply.



Uponor Smatrix PRO

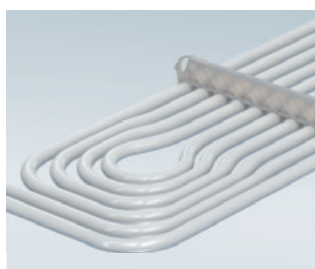
Central controller for multiple temperature zones and up to 192 rooms. The solution includes an interface to BMS via KNX gateway.



7 Radiant heating and cooling for energy efficient and comfortable room temperatures

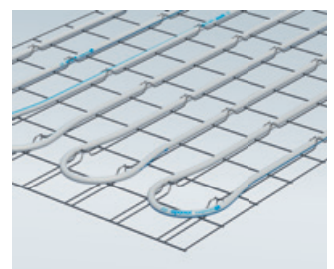
Uponor Thermatop M

Radiant heating and cooling modules for integration in seamless gypsum ceilings for energy efficient thermal comfort and excellent room acoustics.



Uponor Contec

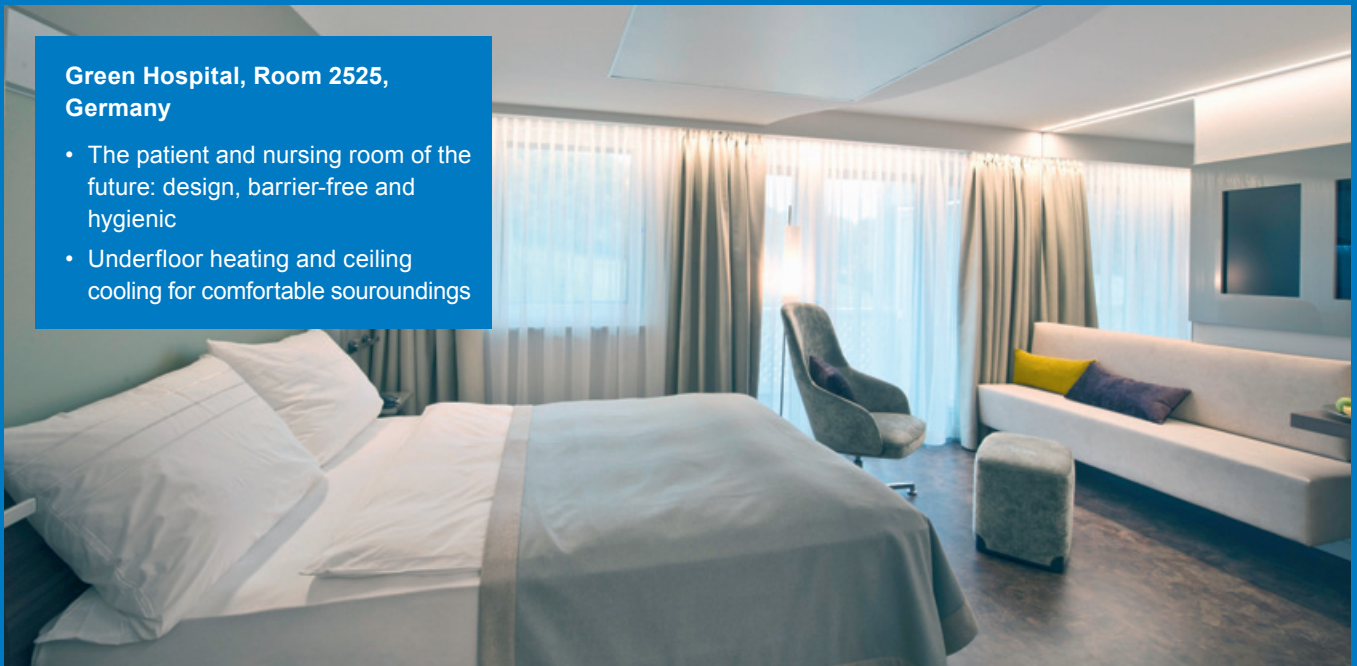
Utilising the concrete's thermal mass in the building's structure for heating and cooling. Optional thermal socket for connection of cooling and heating elements to cover peak loads.





**European Hospital of Marseille,
France**

- Hygienic tap water distribution for comfort and stagnation prevention
- Radiant heating and cooling



**Green Hospital, Room 2525,
Germany**

- The patient and nursing room of the future: design, barrier-free and hygienic
- Underfloor heating and ceiling cooling for comfortable surroundings

Uponor Corporation

Äyritie 20
01510 Vantaa
Finland

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

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www.uponor.com