

Your benefits at a glance

With our advanced comfort, hygiene and energy efficient solutions, we equip you with everything you need to build comfortable commercial buildings for an optimal working environment with high reliability and minimum maintenance cost.

- Up to **30% lower** hot water costs
- Continuous **legionella prevention**
- **Invisible modern systems** for any interior design
- Customised energy concept for **lowest running costs**
- Up to **50% lower** operating and maintenance **costs**
- Compliant with **sustainability certificates** for buildings (for example LEED, BREEAM and DGNB)
- **Prefab** and **turn-key** solutions for a more **efficient** construction process
- **Complete solution** from one supplier reducing the interface complexities
- **Higher value** of the building

Holistic Uponor services for all projects:



Uponor solutions for commercial buildings | 3

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Sustainable office spaces build on Uponor

Holistic concepts for the generation, distribution and transmission of energy in commercial buildings



EETC, Rotherham

- Uponor Contec heating and cooling system- 3,000 m² cast within an in situ concrete application
- Comfortable environment provided with reduced carbon emissions



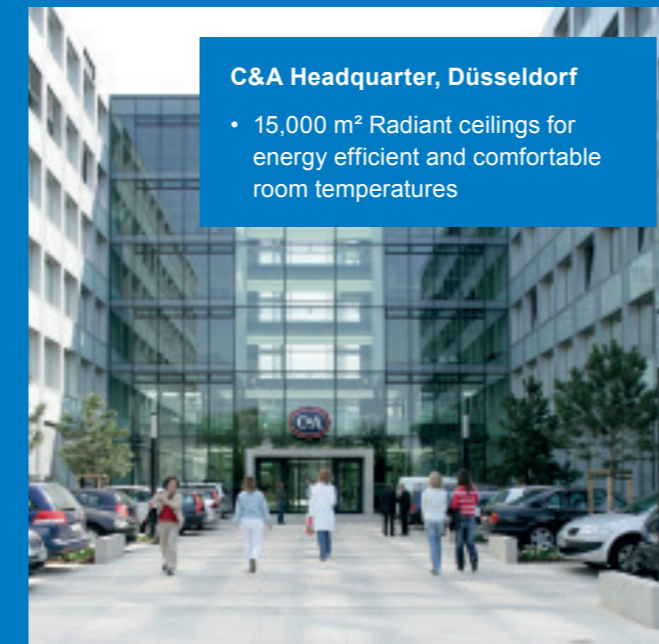
CAFOD Headquarters, Germany

- 5 Storey building, which achieved an excellent BREEAM rating
- TABS and underfloor heating system implemented



Centre for Virtual Engineering, Fraunhofer Institute, Stuttgart

- Simultaneous heating and cooling energy supply via Geozent energy centres for 2,120 m².
- A TAB system with integrated system hydraulics and controls was also provided



C&A Headquarter, Düsseldorf

- 15,000 m² Radiant ceilings for energy efficient and comfortable room temperatures

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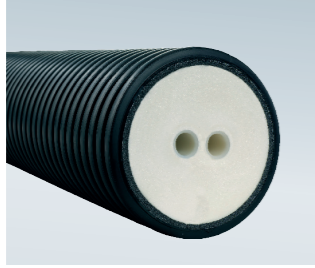
www.uponor.co.uk

- ✓ 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 Simultaneous heating and cooling energy supply

Uponor Geozent energy centres

Plug-and-play machines with integrated system hydraulics and controls for customised energy concepts.



3 Efficient and safe supply of domestic hot water and energy

Uponor riser installations

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 times significantly.



Uponor Aqua Port

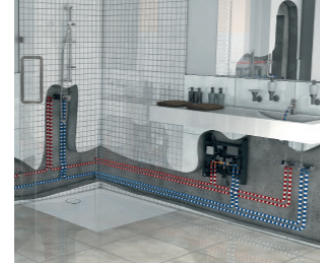
On demand hot water generation, preventing legionella as well as reducing heat loss and temperature levels in the installation.



4 Stagnation prevention and smart monitoring

Uponor Loop Installation

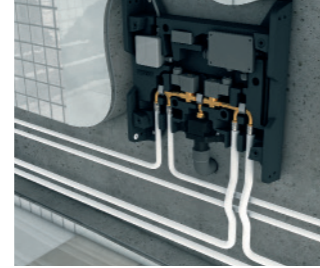
For comfort and the prevention of stagnation. This solution eliminates bacteria proliferation in the system – independent of single tap usage.



Uponor Smatrix

Aqua PLUS Coming Soon

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.

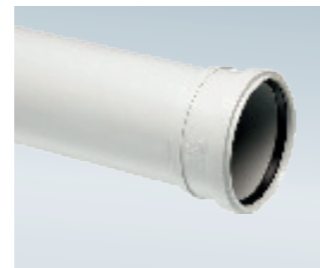


5 No noise from soil and waste

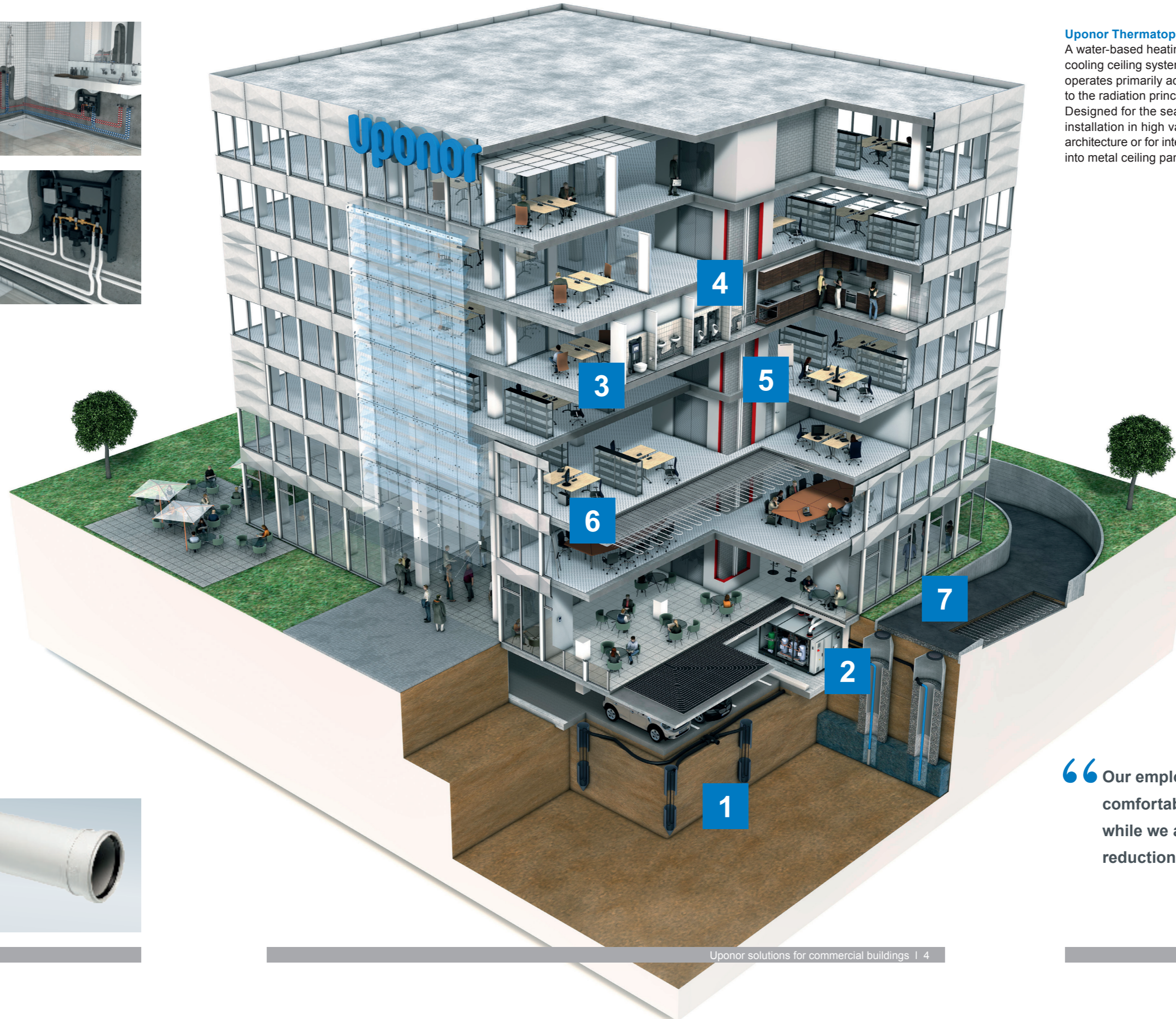
Uponor Decibel

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).



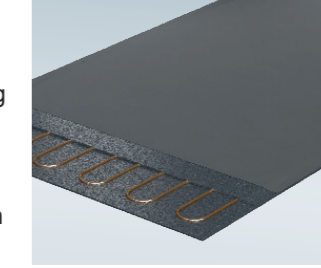
Uponor solutions for office spaces



6 Radiant ceilings for energy efficient and comfortable room temperatures

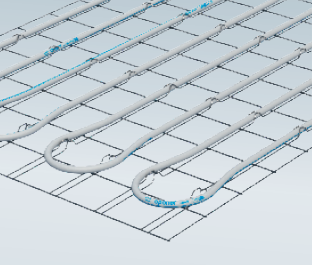
Uponor Thermatop M

A water-based heating and cooling ceiling system that operates primarily according to the radiation principle. Designed for the seamless installation in high value architecture or for integration into metal ceiling panels.



Uponor TABS

Utilising the concrete's thermal mass in the building's structure for heating and cooling. The concrete surface activation can be extended with a thermal socket that enables cooling and heating elements to be suspended directly from the concrete ceiling to cover peak loads.



Uponor Smatrix PRO

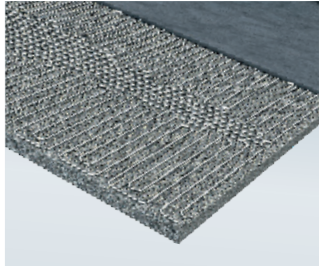
Central controller for multiple temperature zones and up to 192 rooms in commercial buildings. The solution includes an interface to BMS via KNX gateway.



7 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. Provides a less time-consuming and expensive snow removal and salting process.



“Our employees enjoy a more comfortable work environment while we achieved cost reductions.”