

uponor

# Complete Plumbing Systems for Residential Buildings

EASY – FAST – ECONOMICAL



# You feel good – working with Uponor

Because we think like an installer.

Uponor develops complete systems that include every part you need to do a great job!  
Modern single family homes need to be equipped with high quality and reliable plumbing. We provide you with innovative technology, top-quality and easy-to-install systems – allowing you to finalise projects earlier and save on working time and costs.



# All you need for a residential building

All from a single supplier - Uponor.



**Tap water solutions**  
Easy and time-saving  
tap water systems.



**Heating and cooling**  
Efficiency pays off –  
both on-site and in use.



**Radiator connections**  
Smart systems for all kinds  
of radiators.



**Local heat distribution**  
Efficient distribution via flexible,  
insulated pipes.

# Installing tap water just perfectly. Do it your way!

Don't compromise when it comes to tap water!  
Uponor offers complete systems for all requirements.



Uponor has decades of experience in reliable tap water installation. We are consistently thinking in terms of systems, because only a complete system guarantees that all parts work together perfectly. We also know that no two sites are alike. Just opt for the system that serves you best! Benefit from an efficient and convenient installation with a clean, reliable system that meets all hygienic requirements.

# Want Quick & Easy installation? PE-Xa is right for you!

Uponor Quick & Easy is a highly reliable patented technology.

Uponor PE-Xa pipes make use of a memory effect. The pipe will be expanded with special tools. After expanding the pipe goes immediately back to its original shape. These feature of the materials is used for the Quick & Easy connection technique, which provides a long-term seal between the pipe and the fitting.

The Uponor PE-Xa system has undergone a long-term test under real conditions.\* Since 1973 no leakage has been detected in any of our systems, and no weak points. Still working perfectly. Installation is, of course, simple, fast and safe – thanks to the patented Quick & Easy connections.

## Your benefits:

- Durable joints in just seconds: Quick & Easy jointing technology
- Unique piping material with memory effect
- Low pressure loss for an efficient system

\*An independent testing institute (Bodycote Polymer AB, Sweden) has regularly carried out pressure tests on our piping materials since 1973.



Put on the ring



Expand



Make a joint



# Going for top quality? MLCP is the choice for you!

A clever combination of plastic and metal –  
easy to install!

The Uponor MLCP system is a true world-class plumbing system. Just right when a top-quality installation is required! Pipes and fittings are made for each other – for a smooth process and a perfect result! Uponor MLCP saves time and trouble on-site, while paying off in the long term.

## Your benefits:

- M-fitting technology is so reliable that even time-consuming bevelling and calibration is unnecessary
- Sizes from 16 up to 110 mm
- Unique colour coding of fittings and pressing jaws for fast assembly on-site
- Eye-catching pressing indicators for reliable connection
- Form stability and heat expansion similar to metal pipes
- Strict quality control during the entire production process
- Solutions for all kinds of installation



Colour coding and pressing indicators allow fast and safe installation.

# If it's going to be big – the Uponor MLCP Riser System

With the modular jointing system you'll have 31 components instead of the 300 parts required by conventional techniques.

The unique and innovative Uponor Riser system is a whole new way of installing. Its modular approach combined with proven pressing technology makes it perfect for all conceivable tasks in dimensions up to 110 mm – with 31 components only!

The Uponor MLCP Riser system allows you to work in a comfortable manner at the workbench when pressing fittings and pipes. The connection is done without tools: a great relief on the site. Just insert the press adapter into the base part and push the lock pin into the fitting body – job done!



Base parts and press adapters for all tasks.



Safe and time-saving installation of manifolds in big dimensions without pressing.

## Your benefits:

- Modular design for all conceivable combinations
- Highly flexible system solves unforeseen problems on site
- New design principle: base part and aligned press adapter allow both conventional and individual solutions
- Proven pressing principle for safe and reliable connections
- No extra tools required – up to 110 mm the UP75 pressing tool will do the job

# Heating and cooling the Uponor way

It is your job to provide home comfort while saving on energy costs.

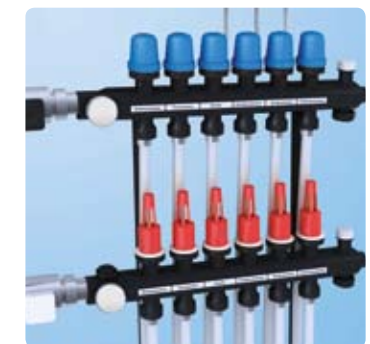


Uponor provides easy-to-install, cost-saving systems fully compliant with tomorrow's sustainability and energy efficiency requirements. An Uponor underfloor heating system is the stand-out choice for single family homes. It provides excellent thermal comfort, alongside energy efficiency and optimal conditions for renewable energy sources. With a combined Uponor underfloor cooling system, you can also guarantee perfect comfort during hot summer periods. In modern, well insulated houses, there is an increasing need for cooling. The perfect way to meet this need is to install a sustainable cooling system by Uponor.

# Integrated heating and cooling made easy

For a smooth installation process and a perfect result choose an integrated system.

More than just heating: a perfect indoor climate for all seasons. With Uponor you can meet the needs of modern customers! A combined Uponor underfloor heating and cooling system is the perfect answer to modern comfort requirements. With our innovative Dynamic Energy Management (DEM) controls, there is no need for hydraulic balancing – commissioning has never been easier! Want to equip a new house? Or renovate an existing one? With Uponor you have a complete state-of-the-art system in hand: one brand, one system – made easy to plan and install!



Uponor manifolds



Uponor controls



Uponor pump stations

## Your benefits:

- A full combined system for heating and cooling from one supplier
- Integrated controls with no need for hydraulic balancing
- Perfectly adapted systems for both new builds and renovation
- Room controls with Dynamic Energy Management that saves energy

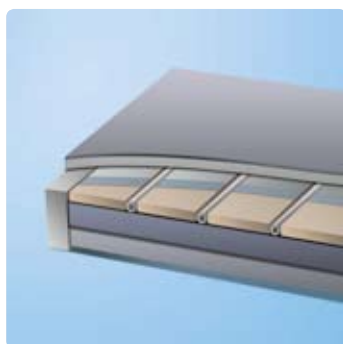
# Get the perfect answer for your specific site

Uponor provides various ways of installing radiant heating and cooling. One of them is a perfect fit for you.

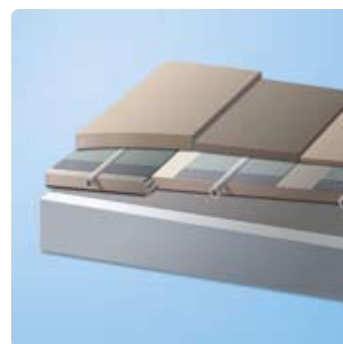
Uponor knows that different houses have different requirements for underfloor heating installations. Today, dry installation is state of the art for all types of wooden floors. This ensures fast and easy installation, with even heat distribution guaranteed by heat emission plates. Uponor provides the necessary accessories for installations on or between joists, or on top of an existing floor. Wet constructions are typically applied for concrete floors with tile covering. Integrated in the top floor screed, various types of Uponor panel allow reliable fixing of pipe work. Alternatively, underfloor heating pipes can also be integrated into the reinforcement mesh of a concrete construction floor.



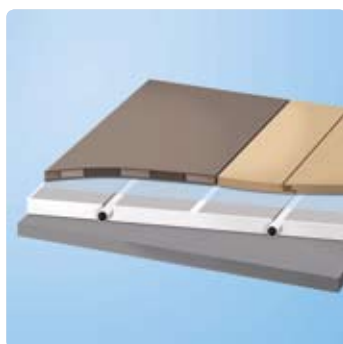
Wet floor as top surface



Installation between the joists



Installation on the joists



Dry floor installation on existing floors

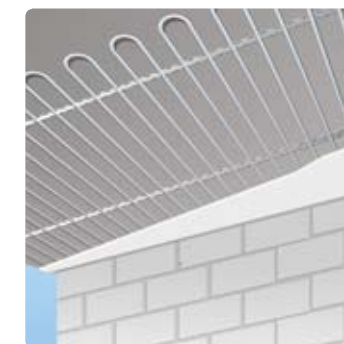


Wet floor integrated in construction

# Underfloor, ceiling or wall heating and cooling

Innovative indoor climate systems make the difference between a house and a home.

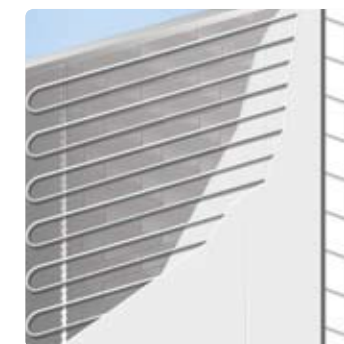
Uponor indoor climate systems mean invisible comfort. Does your project have special requirements? Ceiling & wall heating and cooling are excellent alternatives to traditional installations. Panel and light-weight wall installations, with just a few components, are available from Uponor for fast and easy installation. Wet wall installations are ideal for the renovation of brick and concrete walls. You can rely on Uponor for perfect results.



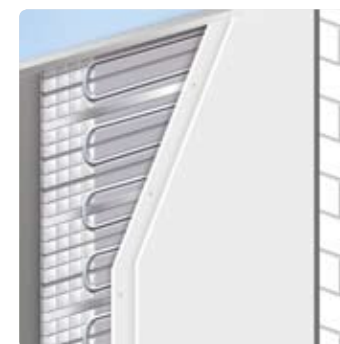
Uponor Plaster ceiling

## Your benefits:

- For ceiling & wall heating and cooling
- Wet wall installation ideal for renovation
- Panel and light-weight wall system available
- Few components for quick installation
- Saves energy



Uponor plaster wall heating



Uponor light-weight panels for wall heating



Uponor light-weight panels for wall heating in stud partition



# How to transport heat from A to B without losing °C

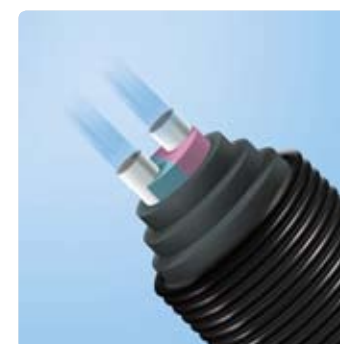
The pre-insulated pipe system by Uponor is the smartest choice for local heat distribution.



Lessons learned by experience – to be applied in practice. This is the fundamental idea behind our flexible, pre-insulated piping systems. Flexibility of material, convenient connecting methods and the well-attested service life and robustness of our pre-insulated pipes ultimately ensure that you, as the expert, can complete your projects quickly, economically and reliably. The Uponor pre-insulated piping system is perfect for hot water, tap water, cooling and connecting ground energy heat pumps.

# Flexibility provides improved cost-efficiency

Uponor offers intelligent systems for a practically unlimited range of applications.



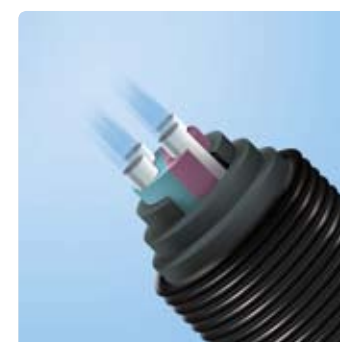
**Uponor Thermo**

Single or Twin pipes to supply heating water. The Thermo Twin version allows flow and return lines in a single system pipe.



**Uponor Aqua**

Single or Twin pipes to supply hot and cold tap water. The Aqua Twin version includes an integrated circulation line.



**Uponor Quattro**

Our all-in-one solution for heating and tap water in a flexible pipe. Ideal and economical for single connections.



**Uponor Supra and Supra plus**

For cold drinking water, cooling and waste water. Uponor Supra Plus with integrated frost protection cable.

Due to their low weight and flexibility, the pipes are easy to transport and install, even around corners and obstacles. A comprehensive range of fittings with combinable components and accessories ensures perfect connections – without time-consuming welding or the need for special tools.

## Your benefits:

- Excellent flexibility allows for small bending radii
- No need for special assembly tools
- Up to 200m connection-free installation
- Short assembly times allow maximum profitability

# Connecting radiators, smarter than ever. Choose your method!

Uponor offers two efficient systems: both secure and easy to install.

No two sites or projects are the same. For this reason, Uponor has two ways of connecting radiators, either of which saves on installation time. No matter whether you choose MLCP or PE-Xa, Uponor will supply you with a complete system, which can be easily combined with all commercially available radiators.



Uponor MLCP HKA Type 12



Uponor Wirsbo evalPE-Xa

## Your benefits from using the Uponor PE-Xa system to connect radiators:

- Flexible pipe-in-pipe system, for efficient concealed installation
- Due to low pressure loss, perfect hydraulic performance and good energy efficiency
- Fast and secure connection using Q&E technology

## Benefits to you from using the Uponor MLCP system to connect radiators:

- Universal system for the on-wall and concealed installation
- The perfect renovation system alongside skirting board connection
- Reliable due to its innovative M-Fitting technology

# From A to Z: Service comes naturally to us

We always endeavour to give the best support - whatever the size or phase of the project.

From training to the Uponor warranty - providing quality services is our passion. At Uponor we work alongside with you from the start of the project right through to the hand-over, supporting you with our wealth of experience and expertise, so that you can carry out your job properly. Because only if you are satisfied, then also your customers will be satisfied, too.

## As an installer, you can benefit from a variety of exceptional Uponor service options:

- The Uponor Training Academy: We hold seminars with top experts where you can learn the best hints and tips for quick and simple installation in the fields of plumbing, heating and cooling technology.
- Software solutions for every need with our HSE software: The calculation of heat losses and seasonal heat demand as well as design for indoor tap water and underfloor heating systems can be carried out. Material lists will be created to help make your work easier.
- Convenient download centre: Download systems brochures, mounting instructions, technical information and lots more on all Uponor products at [www.uponor.com](http://www.uponor.com).
- Comprehensive FAQ section: Here you can find professional answers to the most frequently asked questions about Uponor systems.
- 10-year warranty: With a declaration of liability, Uponor offers a 10-year warranty on their systems backed up by an international insurance.

## Your benefits:

- All services at a glance: [www.uponor.com](http://www.uponor.com)
- Technical services for installers
- Online product catalogue
- Certification and warranties
- Uponor software HSE for planning, layout and calculation



# Uponor makes your job easier, with an even better result

**As an installer, you can benefit from partnership with us in various ways:**

- Smart technologies allow fast, easy and secure installation. Because we deliver complete systems, we can optimise the installation process.
- A swift installation process makes your work faster and more profitable!
- Reliable quality – whatever bears our name is developed and tested by Uponor.
- Excellent service: Uponor offers on-site support, assistance in planning and many other services.
- With its range of competencies and decades of experience, Uponor offers support and training for professionals.
- Always keep up to date with the information on our solutions, available on our detailed website. Take advantage of all the literature in our service centre. Just check out [www.uponor.com](http://www.uponor.com)

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