



Uponor

RADIANT FLOOR HEATING

You thoughtfully
chose each color,

each fabric,

every detail,

all to give your home a
feeling of warmth.

Only to find that
real warmth is hidden
beneath the floor.

A warm and cozy house begins with radiant heating from Uponor.

It's the most basic comfort of home.

The most important part of a warm home is, well, warmth.

The right stone hearth and your grandmother's quilt may be what you first imagine. Yet the practical consideration of a heating system deserves attention, too.

With Uponor, comfort is part of the design of your home. Every inch of space feels warm and cozy. Even the coldest

place on earth, the bathroom tile. Our radiant floor heating is so smart and efficient, so beautifully functional, you'll boast of it to friends and family.

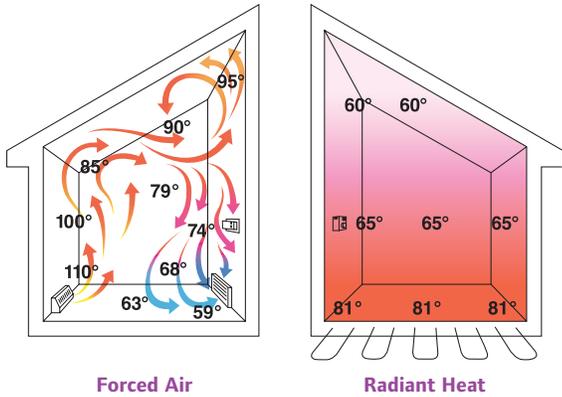
The idea behind it is simple.

Hot air rises. That means it floats up to the ceiling, which isn't where you are. You spend your time on the floor, or on furniture on top of the floor, so that's where the warmth should be.

Our systems circulate warm water beneath your floor, through flexible, durable plastic tubing called PEX (crosslinked polyethylene). This tubing runs back and forth, wall to wall, bringing heat to every corner of every room.

Unlike forced air, radiant heat is distributed evenly throughout the house. There's no blast of hot air near registers and no cold spots elsewhere. Drafts are completely eliminated. Your cocoon once more feels like a cocoon.





Uponor radiant floor heating concentrates the heat near the floor, where you and your family can benefit from it.

Get comfortable even before the installation.

Just knowing you'll have the best in radiant heating will make you feel warm all over. Uponor PEX tubing is the most thoroughly tested PEX in the world. Our PEX is still going strong after more than three decades of testing under extreme conditions at an independent laboratory. This is the longest continuous test known to exist on any tubing material.

Our reputation for quality, testing and installer training assures you're getting the finest, most maintenance-free radiant heating system available.

Why didn't anyone think of radiant heat sooner?

They did. The ancient Romans invented it. Now it's respected worldwide, downright loved in your colder northern countries. Finally in the 21st century, more and more Americans have caught on. It's an affordable upgrade to any home, one with a slew of advantages.

How do lower energy bills sound? While fuel prices seem destined to skyrocket, radiant heat can dramatically reduce heating bills.

Because it distributes heat evenly across each room, you don't have to crank up the thermostat to reach the chilliest corners. It's perfect for homes with vaulted ceilings or giant windows, which would otherwise waste heat.

Eliminating the need for heat vents and blowers, Uponor radiant floor heat is also very clean. It doesn't disperse dust, allergens or pollutants through the air. With no motor or fan, it's also pleasingly quiet in operation.

As an added bonus, with the touch of a keypad you can adjust temperatures in particular zones of the house, warmer in one bedroom than another, for example, or cooler in a seldom-used playroom.

With Uponor, you'll be comfy wherever you happen to be. Crawling babies are warmer. Bare feet are warmer. It's nicer to snuggle up on the floor in front of an old movie. Radiant heat feels better all around.

| Feature | Forced Air | Radiant Heat |
|---|------------|--------------|
| Warm, cozy floors | No | Yes |
| Concentrates heat near the floor, furniture and family | No | Yes |
| Provides comfortable, even heat throughout the house | No | Yes |
| Eliminates cold, drafty rooms | No | Yes |
| Can dramatically reduce heating bills | No | Yes |
| Helps keep household air free of allergens and pollutants | No | Yes |
| Quiet, no noisy motors, blowers or fans | No | Yes |
| Maintenance-free | No | Yes |
| 30-year warranty* | No | Yes |

*Uponor PEX tubing used in heating systems is backed by a 30-year warranty when installed by an Uponor-trained professional contractor.

Your Basement Remodel Done Easy

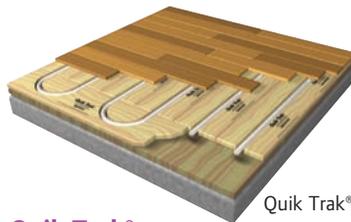
Radiant for Remodels

When it comes to remodeling your basement, you want to create the most comfortable, inviting atmosphere possible. By adding a radiant floor heating system, you can have all the comfort along with the energy efficiency and indoor air quality radiant provides.

And Uponor has the innovative products available to make your basement remodel a fast and easy process. In fact, with Uponor's radiant products designed specifically for the remodel and retrofit market, you can have a complete radiant floor heating system installed in your basement in as little as 2 days!

Tubing Installation Options

You don't need to break up your current concrete slab to install a radiant floor heating system. Uponor offers two products that come available with heights as little as 1/2" so you don't even need to alter your baseboards, moldings or doors.



Quik Trak®

These ultra-low, 1/2" plywood panels are ideal for remodeling or retrofit applications. A groove down the center of the panel holds 5/16" Wirsbo hePEX™ tubing for radiant floor heating systems.

Fast Trak™

Fast Trak is the ideal overpour installation method for remodel and retrofit applications. The preformed knobby mats make it easy to install 5/16", 3/8" or 1/2" Wirsbo hePEX tubing for radiant floor heating systems.

Radiant Ready 30E™ Mechanical Room Package

Radiant Ready 30E is a complete radiant mechanical room designed in a compact, preassembled, easy-to-install panel. The unit includes all the components needed to manage a radiant heating system. Simply hang the panel on the wall, connect the tubing, thermostat and electrical power and you're done!



Radiant Ready 30E™

Fast Trak™



Comfortable. Reaches every corner of the house. Even takes the chill out of kitchen, bathroom and basement floors.

Practical. Heats at floor level, where people live.

Economical. Could dramatically reduce your heating bill. And saving energy is good for the environment.

Clean. Doesn't spew dust, pollutants and allergens into the air.

Versatile. Works with any kind of floor covering. Ideal for installations in concrete slabs: lower levels, basements and garages.

Long-lasting. Our tough, durable PEX tubing is installed in continuous loops, eliminating joints.

Guaranteed. When installed by an Uponor-trained professional, Uponor PEX tubing is guaranteed for 30 years.

Radiant heat is reliable heat.

But won't it leak? A valid question. The short answer is no. The system is designed specifically not to. The heart of an Uponor radiant floor heating system is our unique brand of flexible tubing called PEX tubing. The PEX tubing is installed in continuous loops, so there are no connections under the floor. It also resists corrosion, and it's incredibly tough.

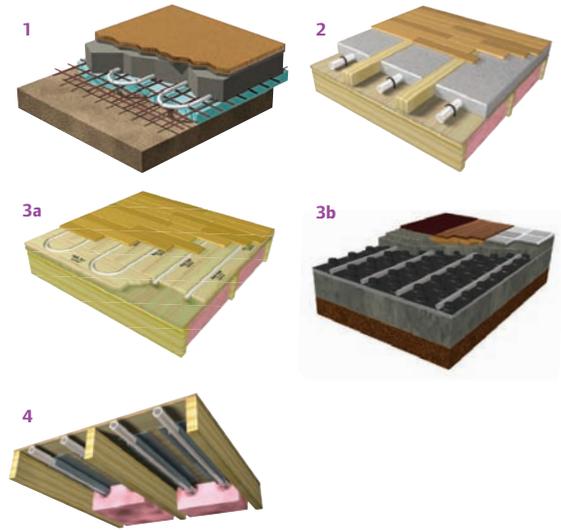
Uponor has a solution to meet your needs.

Uponor systems work great beneath all types of floors, including carpet, wood, tile, stone and concrete. In fact, our systems can also be designed to melt snow and ice from sidewalks and driveways.

Radiant is versatile for new construction and remodels.

Whether it's new construction or a remodel, Uponor has the ideal product to meet every application. Also consider our Radiant Ready™ option where PEX tubing is installed in the concrete slab during initial construction so it's ready for radiant heating immediately or in the future.

Currently more than 12 billion feet of PEX tubing circles the globe. If that's not proof of a solid idea, here's more: we back our Uponor PEX tubing with a 30-year limited warranty when installed by an Uponor-trained professional. Independent testing shows it will last far longer than that.



Where does it go?

- 1 In concrete before the slab is poured
- 2 Over suspended wood floors and covered with poured-floor underlayment
- 3 Quik Trak® or Fast Trak™ over the subfloor or existing slab for remodeling projects and additions
- 4 Joist Trak™ between joists for remodels and additions, and for heating the upper floors of a new home

Ask your builder about upgrading to Uponor radiant floor heating, or read more about it at www.uponor-usa.com.



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