



Radiant Ready 30E™

uponor

RADIANT HEATING
AND COOLING SYSTEMS

RADIANT READY 30E™

FREQUENTLY
ASKED QUESTIONS

Remodeling with Radiant Heat Homeowner FAQs

Do I need to break up my concrete slab?

It is not necessary to break up your current concrete slab provided the existing slab is in good condition and can support the structural load.

How would the tubing be installed since my basement already has a slab poured?

For installing crosslinked polyethylene (PEX) tubing in remodeling applications, Uponor offers two ideal products: Quik Trak® and Fast Trak™. Quik Trak is a “dry above” system that consists of plywood radiant panels that are only ½" thick, eliminating the need to alter baseboards, molding, stairs and doors. Fast Trak is an overpour application product that features plastic knobs to securely hold the PEX tubing. Fast Trak is available in two options: Fast Trak 0.5 and Fast Trak 1.3i. Like Quik Trak, Fast Trak 0.5 is only ½" thick, eliminating the need to alter baseboards, moldings, stairs or doors. The product is made for ⅝" PEX tubing and features an adhesive backing for easy installation to a slab or subfloor.

Fast Trak 1.3i is slightly more than 1¼" thick and uses ¾" or ½" PEX tubing. Fast Trak 1.3i includes insulation already in the panel, eliminating the added time and cost of installing insulation under the tubing. For the mechanical room, Uponor offers a compact, prewired, preassembled unit called the Radiant Ready 30E™.

What is the Radiant Ready 30E™?

Radiant Ready 30E is a complete radiant mechanical room designed in a preassembled, easy-to-install panel. The unit includes a boiler, manifold, pump, expansion tank, pressure-relief valve, isolation valves, thermostat and air vent. Simply hang the panel on the wall, connect the tubing, thermostat and electrical power and you're done!

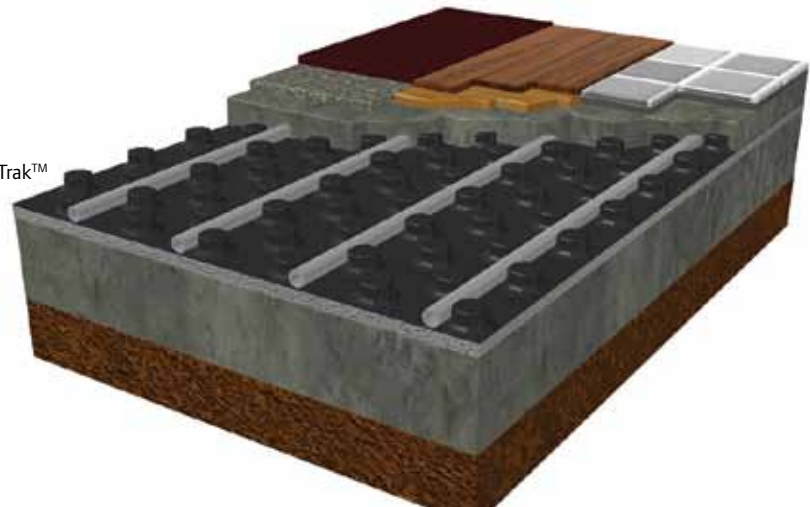
What if I already have tubing in my slab?

That's perfect. Since the tubing is already in the slab, your project is already well on its way. For a simple solution to finishing the job, install Uponor's Radiant Ready 30E, which has all the components preassembled to manage the radiant system.

The tubing in my basement isn't Uponor. Can I still use Radiant Ready 30E to manage the radiant system?

Yes, provided the tubing features an oxygen barrier (such as Wirsbo hePEX™) that prevents corrosion of ferrous components in a closed-loop radiant hydronic system.

Fast Trak™





What is the heat source for the Radiant Ready 30E?

The heat source for the Radiant Ready 30E is a 240V electric boiler that utilizes two 4.5 kW heating elements for two-stage, modulated firing.

How efficient is the Radiant Ready 30E?

The heat source is an electric boiler which runs at 100% efficiency. However, due to thermal losses through the jacket of the boiler, the actual efficiency is about 99.5%

Do I need a separate breaker?

You will most likely need to add an additional 50A circuit breaker to your panel to support the Radiant Ready 30E.

Do I have to integrate my current forced-air heating system with the radiant floor heating system?

No, the systems can remain separate.

Can I have radiant in multiple levels of my home?

Yes. Because radiant floor heating systems work in zones, you can have radiant in various rooms in multiple levels of a home. For example, you can have radiant installed in the lower-level basement, the main level entryway and the second-level bathrooms.

Can the Radiant Ready 30E control separate radiant zones throughout my home?

Yes, the Radiant Ready 30E is designed to control up to 2,000 square feet of radiant floor heating and up to 4,000 square feet of floor warming throughout a home. Separate zone controls may be required.

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