

# Complete radiant heating and cooling solutions set Viega systems apart

Radiant heating and cooling technology is still relatively new to North America but the more homeowners who want energy-efficient systems, the more radiant technology increases in popularity. Viega radiant heating and cooling systems are highly engineered to be user friendly.

TJ's Plumbing and Heating, Inc., is located in Attleboro, MA. TJ's also provides radiant design and installation services to Rhode Island, Connecticut, Vermont, New Hampshire and Maine.

Tim Cutler and his wife, Lisa, started TJ's 25 years ago. Tim has been installing Viega products since they became available and thinks there is no better product for radiant projects.

Lisa Cutler, Controller at TJ's Plumbing and Heating, is a LEED Green Associate.

"Viega has such trustworthy products," Lisa Cutler said. "Tim understands why it's the highest quality. He's seen how effective it is, how well it works. And he's able to communicate that to the customer."

Lisa explained that her husband wanted their company to be able to focus on Green applications because of the high interest in geothermal projects.

"I've learned so much just from the continuing education alone," Lisa said. "There's a lot of stuff that ASHRAE puts out there. It's put us on the cutting edge of technology. It helps lend some credence to what we do."

Tim Cutler has visited Viega's Manufacturing and Distribution Facility in McPherson, KS, and has been trained on Viega products.

Currently, Tim is working on a 12,000-square-foot custom home in Dover, MA. When complete, the home will incorporate 6,000 square feet of Viega radiant technology and 1,500 square feet of Viega snow melting systems.

Tim has already installed Viega Climate Panels in parts of the home and is planning to install Viega's new

Rapid Grid in the rest of it.

Viega Rapid Grid is the all-in-one radiant heating and cooling solution for slab applications that can reduce installation time by as much as two-thirds. Viega Rapid Grid secures ViegaPEX tubing and incorporates insulation, vapor barrier and grid system, not only ensuring equal tubing spacing but also providing R-10



thermal resistance.

With its easy-to-install interlock system, Viega Rapid Grid doesn't require taping and is made of lightweight, high-impact polystyrene. Compatible with  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " ViegaPEX Barrier tubing and  $\frac{1}{2}$ " Viega FostaPEX tubing, Viega Rapid Grid is suitable for radiant heating applications in residential or commercial projects.

"The product line is really complete," Tim said. "If you look at other manufacturers, they don't have anywhere near the different fittings. Viega has the whole spectrum covered. That's what I like the most."

Tim also explained that Viega Climate Panels simplify installations. He appreciates the innovative accordion-style design of the Viega Climate Panels.

"That saves us a ton of time," he said. "It's easy to install."

Viega Climate Panels can be installed over wood subfloor or concrete and under nearly any type of floor covering. No matter what type of floor covering you choose, Viega Climate Panels provide more efficient heat and use less energy than traditional forced-air heating systems.

Made of aluminum-backed plywood with specially designed grooves for ViegaPEX Barrier tubing, Viega Climate Panels are the most responsive radiant system for new or retrofit construction. Available as assembled or single pieces with 7" or 10" spacing, U-turns or multi-runs, you can install with no mess, no waiting and no need to schedule pours or wait for concrete to set.

Lightweight and versatile, Viega Climate Panels add only ½" to the total floor height and can be customized to suit nearly any floor plan.

Viega Climate Panels have an aluminum heat transfer sheet attached underneath that allows for even heat distribution, high-performance output and a reduction of up to 30 percent in energy consumption.

Viega radiant systems provide an energy-efficient heating or cooling solution for nearly any residential or commercial application. But beyond energy efficiency, Tim Cutler thinks that the ease of installation and the support available is what makes Viega heating and cooling systems so amazing. His relationship with his Viega sales representative has made all the difference to him.

"If I have a question or a thought, I just call and away we go," Tim said. "When someone gets in a bind and someone can run up there and help out, it makes a huge impact."

