

May 2014

# IN THE LOOP

## Electric Cable Benefits

There are many benefits to using and installing electric cable radiant heating. Warming unusual shapes in a floor plan, including 45° angles, is easily accomplished with Infloor electric cable. The pre-engineered heating units are ready to use and available in many sizes. The unique patented cable is designed to provide the ultimate safety for both dry and wet environments. Contact us to learn more.

- Easy to install
- Flexible
- No maintenance
- Ideal for remodels
- 120V or 240V available
- Turns cold floors into warm floors
- Economical due to ease of installation
- No boilers needed

## PEX-AL-PEX Tubing Sale

We are overstocked on PEX-Aluminum-PEX tubing, which means savings for you! 100' coils of PEX-AL-PEX tubing are now on sale for 50% off, for a limited time. The tubing is used for running supply and returns to remote manifold locations, panel radiators, and hot water baseboard applications. Contact us for more info and to place your order. [www.infloor.com](http://www.infloor.com)

Join the conversation



*In The Loop* is a publication for customers, distributors, contractors, and friends of Infloor Heating Systems; a division of Infloor Sales & Service, Buena Vista, CO. [www.infloor.com](http://www.infloor.com).

## The Simplicity of Heavy-Duty Electric Cable

Tile flooring is stunning and preferred in many bathrooms and kitchens, but most people will agree it feels cold on their feet. Mike Green of Maxxon SE knows this well. He's been working with radiant heating for 26 years and has installed several hundred systems. He recently completed a bathroom installation with Infloor Heating Systems heavy-duty electric cable in a residential home in Charlotte, NC. The reason is simple. "The homeowners wanted the comfort of a warm floor," he said.

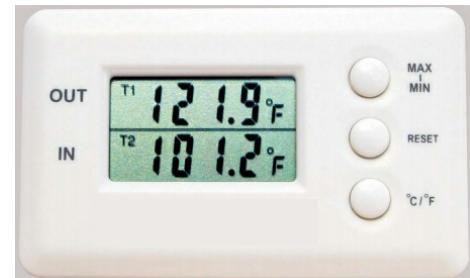
Bathrooms make up roughly 95% of the electric cable installations they do, Mike said. The 64 square foot bathroom measures out to 8'x8' with a bath tub. He recommends the heavy-duty electric cable for bathrooms because it is durable, long-lasting, reliable, and has no moving parts. The cable was installed over plywood, 5" on center, and fastened down by clips. They will then pour 3/4" gypcrete over that before the final floor covering of tile is put in, which is installed by a flooring expert.

*continue reading on next page*

## Universal Digital Temperature Gauge

Our new Universal Digital Temperature Gauge (30120) offers you a low-cost way to incorporate a temperature gauge into a hydronic heating system without having to cut into the integrity of the system. It can also be used in a solar and geothermal heating system, replacing regular temperature gauges. The digital readout is more accurate and easier to read.

The microprocessor-based digital temperature gauge represents the next generation in temperature gauges. The bold, hi-contrast LCD display ensures accurate temperature reading to the tenth degree and can be easily read from a distance. It replaces two mechanical temperature gauges, simultaneously displaying the accurate temperature of two locations, for supply and return. Additionally, the solid state temperature



sensor probe can be extended up to several hundred feet. Other features include Min/Max memory which shows the highest and lowest temperatures after the last time the unit is reset and instant Fahrenheit to Centigrade conversion. The unit is designed to be powered by 24VAC input or by lithium battery, which keeps the unit working during power failure.

# The Simplicity of Heavy-Duty Electric Cable Continued

"Infloor Heating Systems electric cable is easy to install with a very fast layout," Mike shared. "We can complete the installation in a few hours. It is also a self-terminating cable, so we don't have to run it back to the electric box," he said. The cable ends at the far side of the room, closed off with an end cap. It fits well in rooms of various shapes and sizes, making it a great choice for a variety of bathrooms and other rooms.

The electric cable radiant heating system is controlled by a simple thermostat. Once it is turned on and the desired temperature is set, there's nothing more to maintain. The cable pulls a few hundred watts of electricity to reach the set temperature and then shuts off automatically. In between those times, it coasts, until heat is called for again, Mike explained. "It's so simple, that's the beauty of it. The only thing that could wear out is the thermostat, making it very easy to maintain and trouble shoot," he said.

The bathroom is located over a crawl space, making good insulation important. "I work with contractors to make sure there is proper insulation installed underneath the floor," he said. The heat generated in the bathroom will not be wasted. It produces thousands of BTUs that go beyond the room and into the house.

What makes this bathroom so desirable is that the radiant heating system is completely invisible when finished. The comfort of walking on warm floors is unmatched by anything else. Comfort is the number one reason homeowners decide to install Infloor electric cable systems, and they gain peace of mind as well. "The electric cable has a long life span," Mike said. He knows of over 100 systems that are over 20 years old and still running without any problems. "You don't have to worry about it."

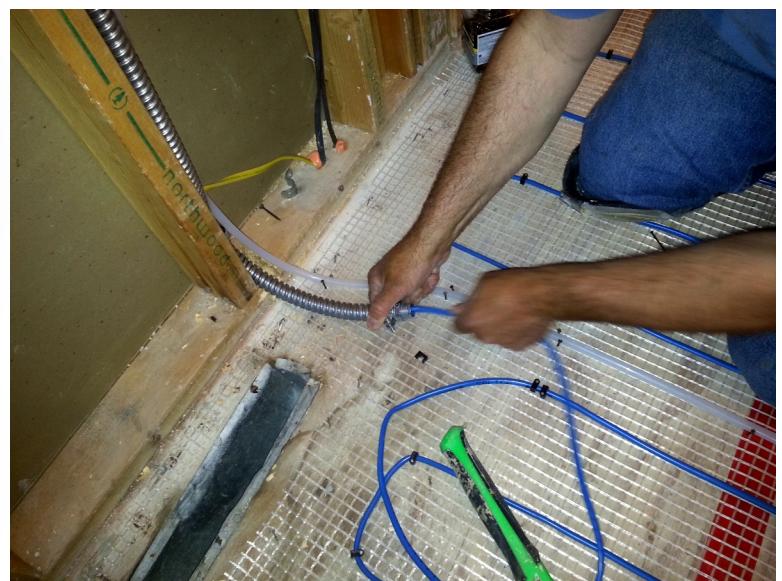
Maxxon SE is a trusted distributor of Infloor Heating Systems, specializing in floor underlayment, leveling, and hydronic and electric radiant heating. Maxxon SE has earned a reputation as a full-service resource, providing the information you need to make sound decisions as well as a spectrum of underlayment products that meet your specific project challenges.

Since 1984 when Mike joined Maxxon, he has encountered nearly every floor challenge imaginable, making him an excellent resource. Mike knows how to identify potential pitfalls and what to specify to make sure every job goes smoothly and achieves the intended end-result. During the installation Mike is on hand to make sure the application runs smoothly and quickly, whether his help is needed breaking bags of underlayment or putting the finishing touches on a freshly poured floor. When not working, Mike enjoys spending time with his family and fishing.

Learn more about Maxxon SE at [www.maxxonse.com](http://www.maxxonse.com) and contact Mike Green for assistance in the southeast region of the United States at [mike@maxxonse.com](mailto:mike@maxxonse.com).



*Heavy-duty electric cable radiant heating is easy to install and provides ultimate comfort.*



*The cable is durable, reliable, long lasting, and self-terminating so it only connects to the electricity box once.*

## Share Your Story

Share your story with us... we'd love to hear it! Tell us about your project today at [www.infloor.com/contact-us/share-story](http://www.infloor.com/contact-us/share-story).