



EZ-HEAT SYSTEM

THE EVOLUTION IN RADIANT FLOOR HEATING



PRODUCT BROCHURE

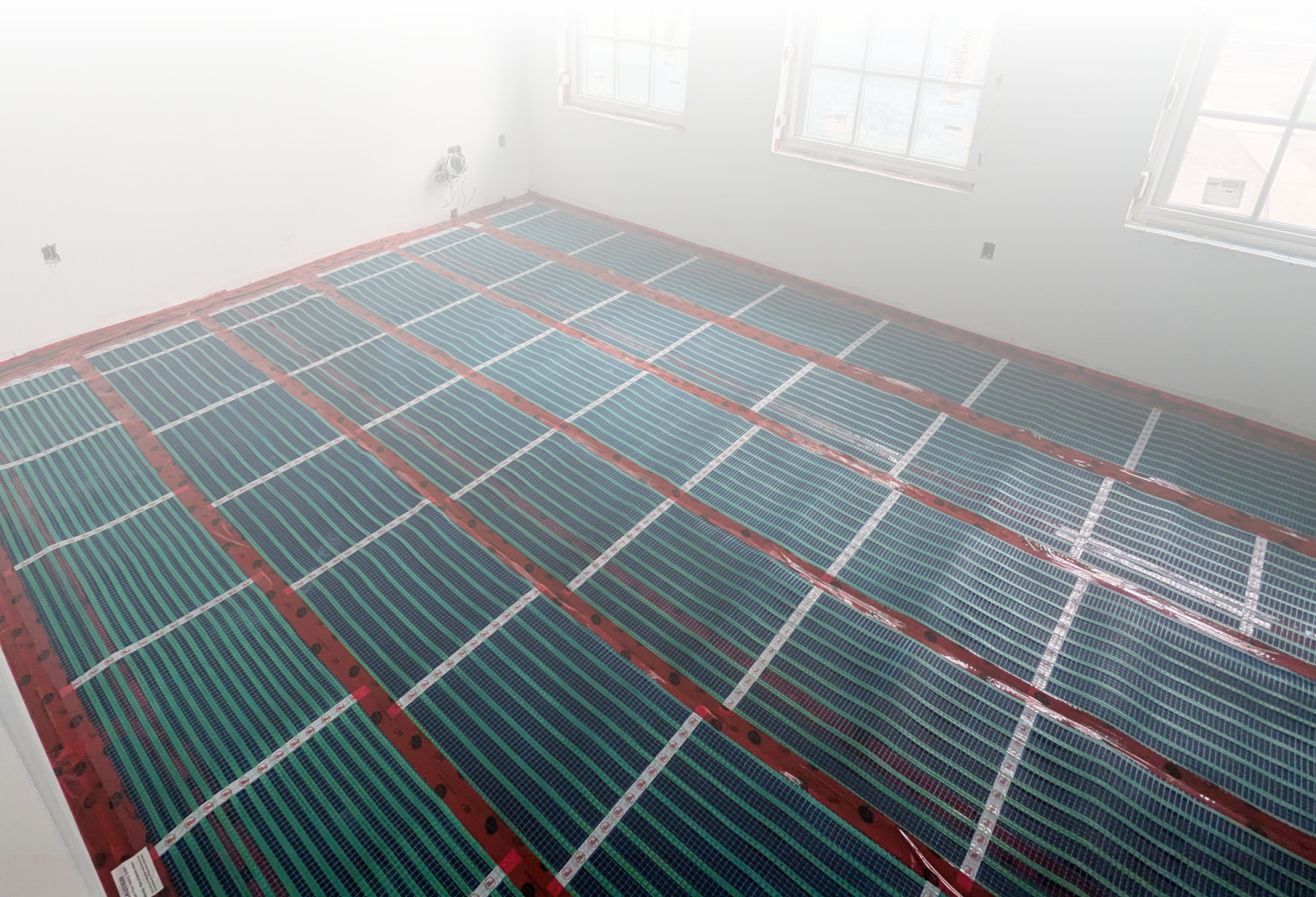
INTRODUCING A NEW ERA IN RADIANT HEATING

EZ-Heat System by TruHeat Systems – The First of Its Kind

Imagine a heating system so advanced, it redefines what's possible in radiant floor heating. The TruHeat EZ-Heat system isn't just another underfloor system—it's a breakthrough in heating science, designed from the ground up to deliver powerful, efficient, and consistent heat across large spaces.

Whether you're building new or retrofitting an existing home, the EZ-Heat system is engineered to be your primary heat source—not just a comfort add-on. It's the first of its kind to combine ultra-thin design, rapid heat-up times, and incredibly low energy consumption into one seamless solution.

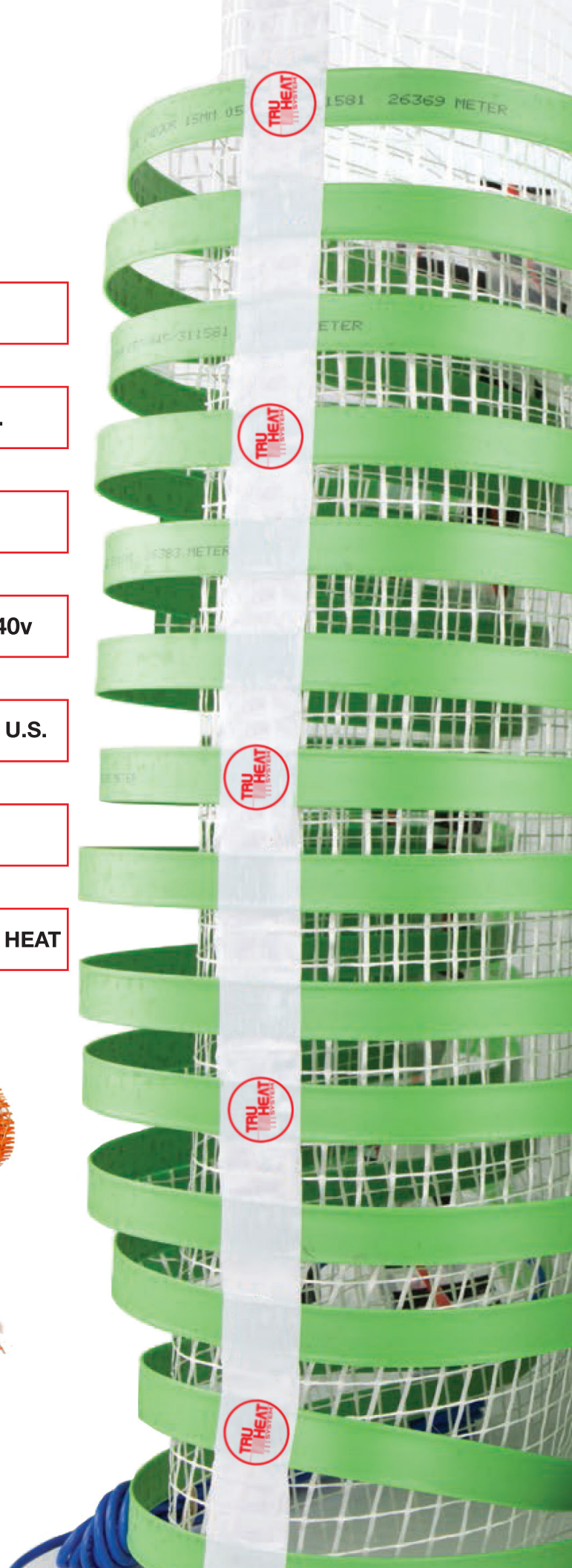
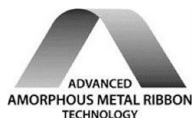
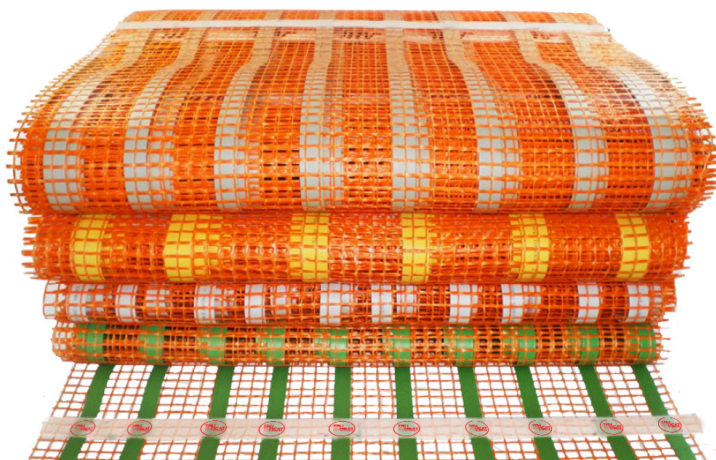
This is more than comfort. This is performance, precision, and energy-smart heating tailored for modern living.

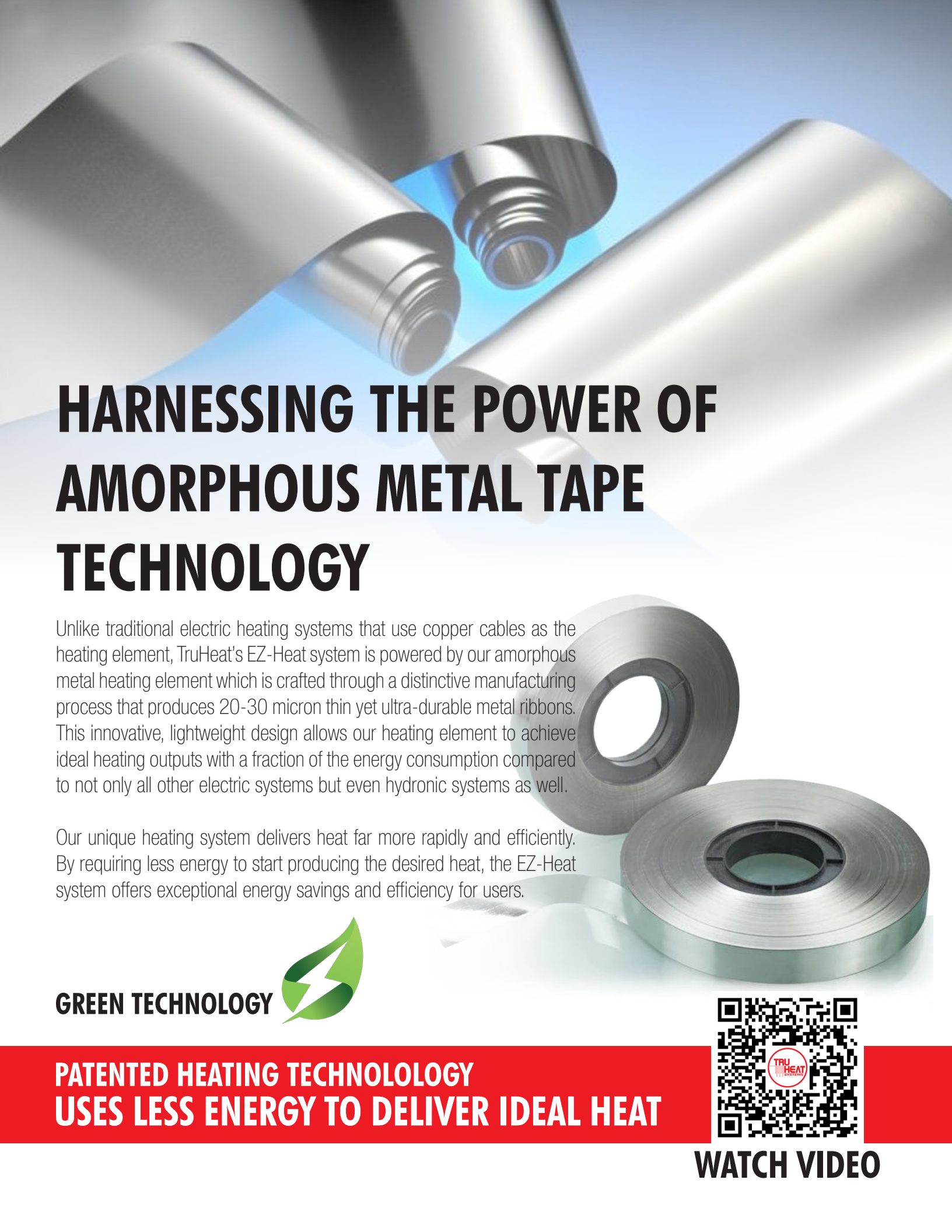


**PRIMARY RADIANT HEAT
MADE EASY**

TECHNICAL SPECIFICATIONS

MAT THICKNESS	2.5 mm (1/8 in.)
HEAT OUTPUT	7 W/Sqft. OR 14 W/Sqft.
COLD LEAD LENGTH	4 Meters / 13 Feet
VOLTAGE	Available in 24v, 120v or 240v
CERTIFICATION	UL Listed for use in Canada & U.S.
WARRANTY	15 Years Warranty
APPLICATION	PRIMARY OR SUPPLEMENTAL HEAT





HARNESSING THE POWER OF AMORPHOUS METAL TAPE TECHNOLOGY

Unlike traditional electric heating systems that use copper cables as the heating element, TruHeat's EZ-Heat system is powered by our amorphous metal heating element which is crafted through a distinctive manufacturing process that produces 20-30 micron thin yet ultra-durable metal ribbons. This innovative, lightweight design allows our heating element to achieve ideal heating outputs with a fraction of the energy consumption compared to not only all other electric systems but even hydronic systems as well.

Our unique heating system delivers heat far more rapidly and efficiently. By requiring less energy to start producing the desired heat, the EZ-Heat system offers exceptional energy savings and efficiency for users.

GREEN TECHNOLOGY



**PATENTED HEATING TECHNOLOGY
USES LESS ENERGY TO DELIVER IDEAL HEAT**



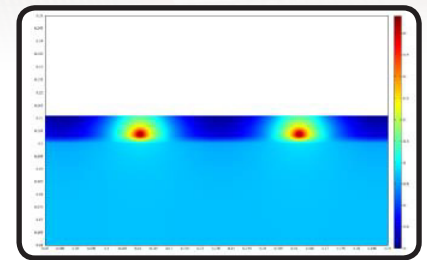
WATCH VIDEO

SIMPLY BETTER HEATING SCIENCE

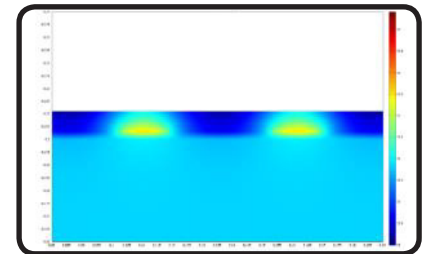
SUPERIOR HEAT TRANSFER

At the heart of every TruHeat EZ-Heat Mat is our patented amorphous metal tape, a revolutionary heating element unlike anything found in conventional systems. Unlike round wires in electric cables or bulky hydronic tubes, our flat tape makes maximum contact with the floor surface.

This greater surface contact translates into faster, more even heat distribution—getting warmth where you want it, when you need it. And because the EZ-Heat system transfers heat so efficiently, it operates at lower, safer temperatures while delivering superior performance. This not only enhances safety but also reduces energy usage and wear on the system. With shorter run times and less power consumption, EZ-Heat system is engineered for long-term savings without compromising comfort.



CONVENTIONAL HEATING CABLE OR HYDRONIC TUBE SYSTEM

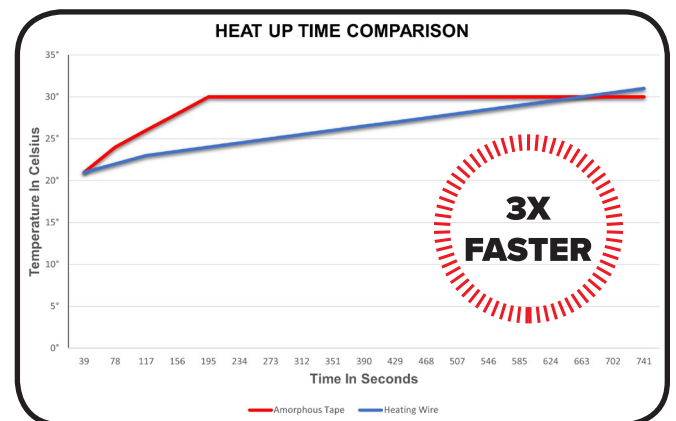


EZ-HEAT SYSTEM

RAPID HEAT UP TIME

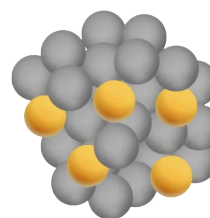
Thanks to the ultra-low mass of our amorphous metal tape, the EZ-Heat system delivers heat at lightning speed—up to 3 times faster than traditional heating cables. Instead of waiting for bulky elements to reach operating temperature, EZ-Heat gets to work instantly, minimizing energy waste and maximizing comfort.

Whether you're heating a cozy living room or a large open sanctuary, the EZ-Heat system reaches optimal temperatures quickly, so you spend less time waiting—and less money heating.

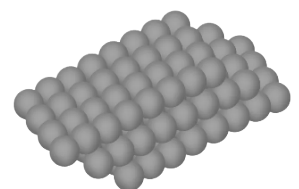


INCREASED DURABILITY

Most metals are crystalline in their solid state. Amorphous metal while also being a solid metallic metal but is in a disordered atomic scale structure. This makes it have higher tensile strength, does not wear out, and offers far superior heating performance.



AMORPHOUS STRUCTURE
(EZ-HEAT SYSTEM)



CRYSTALLINE STRUCTURE
(CABLE BASED SYSTEMS)



The top half of the image shows the EZ-HEAT system components. It features a white, textured base material with several grey, curved metal strips attached. A copper-colored mesh is woven over these strips, forming a grid-like structure. The background is a black and white checkered floor.

WHY CHOOSE THE EZ-HEAT SYSTEM?

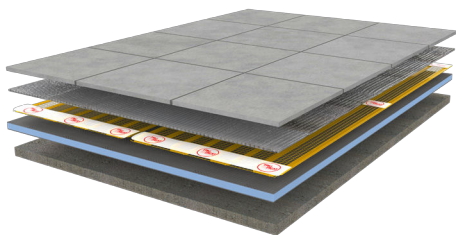
- ✓ **RAPID HEAT RESPONSE**
- ✓ **EASY TO INSTALL**
- ✓ **GREEN TECHNOLOGY** 
- ✓ **LOW 2.5 MM PROFILE**
- ✓ **CONSISTENT, EVEN HEAT**
- ✓ **LOWER RUNNING COSTS**
- ✓ **EXCEPTIONAL PRODUCT DURABILITY**
- ✓ **NO MAINTENANCE REQUIRED**



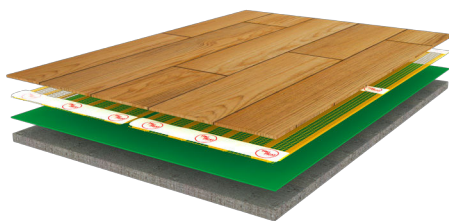
LOW-PROFILE HIGH PERFORMANCE NO FLOOR HEIGHT LOST

The EZ-Heat system the perfect solution for new builds, renovations, and retrofit projects. Thanks to its innovative low-profile design of just 2.5 mm in thickness, EZ-Heat system integrates seamlessly under flooring with virtually no change to floor elevation during installation.

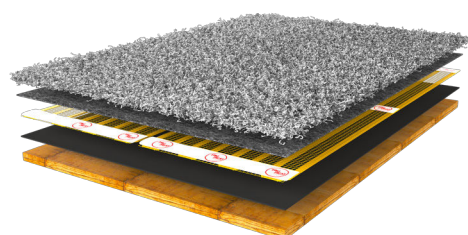
IDEAL FOR ALL FLOOR TYPES



CERAMIC / STONE TILES



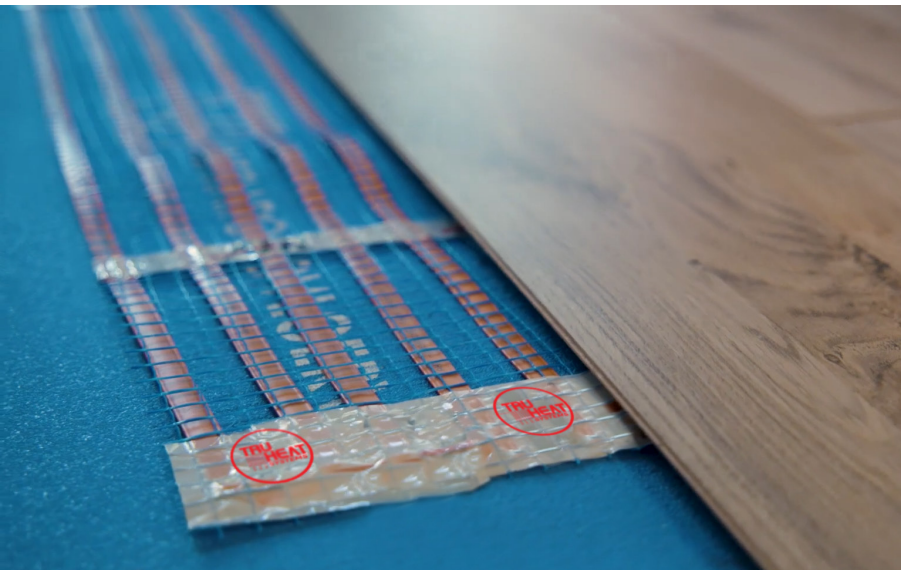
FLOATING FLOORS



CARPET

SAVE ON INSTALLATION COSTS NO CONCRETE NEEDED

EZ-Heat system's dry installation method eliminates the need for a concrete layer, making it perfect for floating floors and dramatically reducing labour, time, and overall project costs.



INSTALL FLOATING FLOORS DIRECTLY ON TOP WITHOUT NEEDING A CONCRETE LAYER.

EZ-Heat mats operate safely at a consistent 30°C (86°F), making them ideal for direct installation beneath floating floor types. They are designed to never overheat, and the built-in thermostat protection ensures the temperature never exceeds the heat threshold rating set by the flooring manufacturer.

PRIMARY HEAT SOURCE - PERFECTED EZ-HEAT CLASSIC

When you need radiant heating to serve as your main source of warmth, look no further than the EZ-Heat Classic. Engineered for maximum performance, it delivers a powerful 14 watts per square foot of heating output—more than enough to handle even the most demanding heat loss scenarios. Whether you're facing frigid winter temperatures or heating a large open space, EZ-Heat Classic rises to the challenge, ensuring consistent, reliable comfort all season long.

LOOKING FOR SUPPLEMENTAL HEAT? TRY THE EZ-HEAT ECO - ONLY 7 WATTS/SQFT

We understand that radiant heat may not always be necessary as a primary heating source. Sometimes, simply supplementing your existing system is the perfect solution. That's why our EZ-Heat system is also available in an ultra-low wattage 7 watts per square foot option. This keeps the amperage draw to a minimum, even when heating larger areas, allowing users to enjoy the benefits of energy-efficient radiant heat without taking up additional room in the breaker panel.



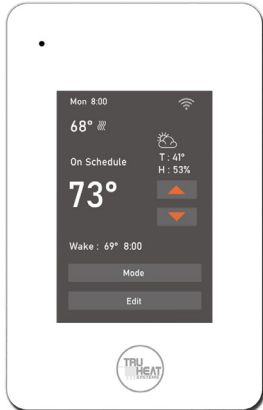
ELEGANT THERMOSTATS

Optimize the performance of your electric floor heating system with our premium accessories. Our collection of thermostats not only features a sleek, elegant design but also ensures efficient and reliable power distribution, enhancing the overall functionality of the heating system. Furthermore, our advanced thin floor sensor with flat wire delivers precise temperature sensing, enabling accurate control of your electric floor heating. These high-quality accessories are designed to maximize the efficiency and comfort of your EZ-Heat system.

ADVANCED WIFI THERMOSTATS - STAY CONNECTED FROM ANYWHERE



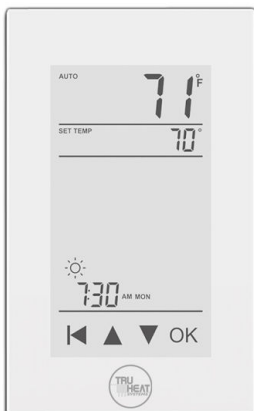
- Cloud-connected WiFi thermostat
- Direct local control through Bluetooth
- Voice control compatible with Amazon Alexa & with Google Assistant-enabled devices
- Elegant LED display
- Capacitive touch allows direct control on thermostat
- GFCI protected, including a test button
- Dual-voltage (120 V & 240 V)
- Adaptive function, open window function, application type, sensor adaption, user lock, and calibration
- 2 year warranty



- WiFi-enabled thermostat
- Operates on 2.4 or 5 GHz frequency
- 3.5 in touch screen
- Responsive LCD display screen
- Voice control compatible with Amazon Alexa & with Google Assistant-enabled devices
- Floor sensing and ambient air sensing
- Shows local weather information
- Dual-voltage (120 V & 240 V)
- 2 year warranty



EASY & INTUITIVE PROGRAMMABLE THERMOSTAT - SIMPLE FUNCTIONALITY FOR EASY OF USE



- 7 day programmable floor heating thermostat
- Modern design
- Floor sensing and ambient air sensing
- 2 year warranty
- Dual-voltage (120 V & 240 V)
- Large 4 in. screen
- 2 year warranty



TRUHEAT SYSTEMS HQ

9580 YONGE STREET, SUITE 9167
RICHMOND HILL, ON, CANADA
L4C 1V6



CONTACT DETAILS

1-833-999-4328
www.truheatsystems.com
info@truheatsystems.com

CONNECT WITH US



Industry leading customer service & technical support.
Our experts can answer any technical questions on any of our products we offer.