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Homepage QR

**Infrared
Heating
Specialist!**



About US



Company Introduction

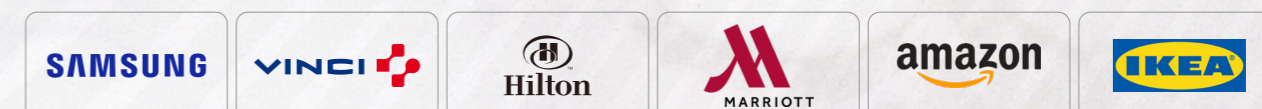
HEATVIS is a specialized provider of infrared heating solutions, established in South Korea in 2013. Initially, the company focused on temperature control and drying systems for electronic devices such as refrigerators and display panels, building a strong foundation in high-precision thermal technology.

Leveraging this expertise, HEATVIS has since grown into a leading manufacturer of premium heating films and heating panels.

In 2020, **HEATVIS** expanded into the global market by supplying heating films as an OEM subcontractor to major European construction companies. In 2023, the company further strengthened its international presence by opening a Global Technical & Training Center in London, UK, offering more stable and efficient support to clients across Europe and the Middle East.

All of **HEATVIS**'s products are designed and manufactured in South Korea, benefiting from the country's world-class electronics infrastructure. As home to global tech giants like Samsung and LG, South Korea provides a strong foundation for cutting-edge innovation and superior product quality. This enables HEATVIS to deliver top-tier heating films and panels trusted around the world.

Major Customers



Why Choose HEATVIS?

Peace of Mind, Guaranteed

Our products come with up to **40 years of warranty**, giving you long-term security from the very start.

Free Training & Support

We provide clear, step-by-step guidance so that even first-time users can install infrared heating films easily and with confidence.

A+ Energy Efficiency

Every HEATVIS product is designed with sustainability in mind, delivering the highest energy efficiency rating (A+) while **lowering your energy costs**.

Trusted Around the World

With exports to over **30 countries**, HEATVIS is recognized as a global leader in infrared heating technology.

Proven Global Partnerships

We are proud to be a premium supplier to **world-class companies** like Samsung Electronics and Hyundai, proving our commitment to excellence.

What is Far-Infrared Heating?



100% Natural Heating

Far Infrared is radiant heat which we ourselves as human beings naturally emit. This is the same heat we feel from an environment warmed by the **sun**. It is completely **natural and 100% safe**.

Human & animal sense of comfort has evolved from radiant heat from the sun. Our skin naturally tans, reflects and prompts us to avoid the sun's hottest waves, Near (Shortwave) infrared. The waves we find most comfortable are those that are absorbed by our environment and radiated back – called Far and Medium (or Longwave and Middle) infrared.

Far Infrared is what our skin and common materials in our environment **absorb and emit the most efficiently and 100% naturally**

“
Creating healthier living environments for healthy homes
 ”

Extreme Eco-Friendliness!

01

Carbon-Neutral Heating



Since Infrared heating systems operate on electricity, they can be paired with renewable energy sources such as solar and wind power to maximize environmental benefits. When powered by renewables, the heating process can become nearly carbon-neutral, drastically reducing greenhouse gas emissions.

02

Long Product Lifespan



Well-maintained far-infrared panels can last over 40 years, significantly outlasting traditional boilers that typically require replacement every 10 to 15 years. This helps reduce product waste and environmental impact over time.

03

Recyclable Materials



HEATVIS uses nearly 100% recyclable materials, conserving resources during production and making the product easier to recycle at the end of its life cycle.

Features of Heating Film

01

Extraordinary Economic Value

Long Lifespan & Low Maintenance

Built for durability, reducing long-term operational costs.

Lower Installation Costs

Easy installation with no need for additional infrastructure or equipment.

Zoned Heating

Heat only the spaces you need, minimizing energy waste.

02

Outstanding Energy Efficiency

Low Power, High Efficiency

Converts electricity directly into heat, minimizing energy loss compared to conventional systems.

Instant Heating

Unlike air-based heating, it delivers immediate warmth through direct infrared radiation, rapidly raising perceived temperature.

03

High Space Efficiency

Ultra-Thin Film Design

Can be effortlessly installed on walls, floors, or ceilings.

Space-Saving

No bulky units and boiler rooms required—just the film itself provides effective heating, blending seamlessly with any interior.



Stripe Film

A Stripe Film is an insulation PET film of an off-white color. Compared to the clear films of competitors, our Stripe Films offer a more durable and reliable base of carbon printing.



Construction of Stripe Film

- PET Film
- Copper Busbar
- Silver Busbar
- Carbon
- PET Film (Base Film)

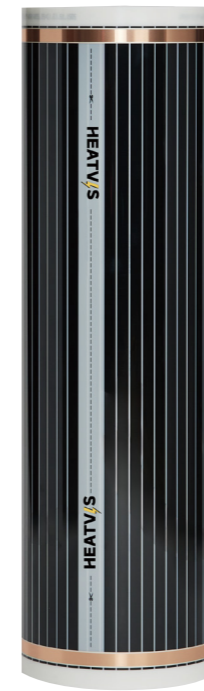
Specification

**Made In Korea
Warranty 20years**

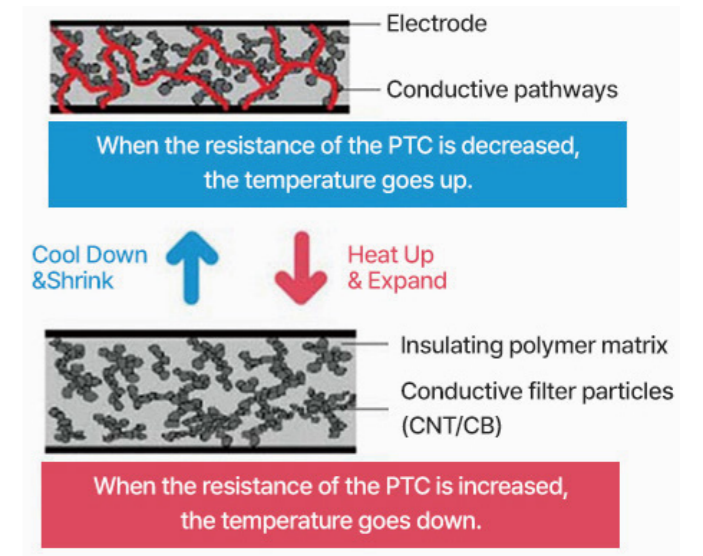
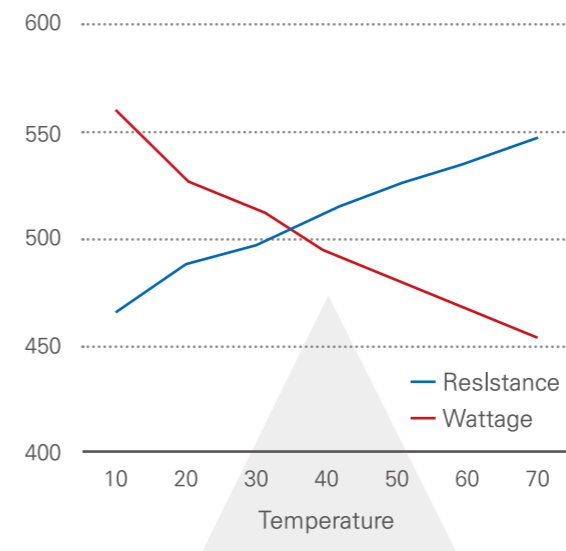
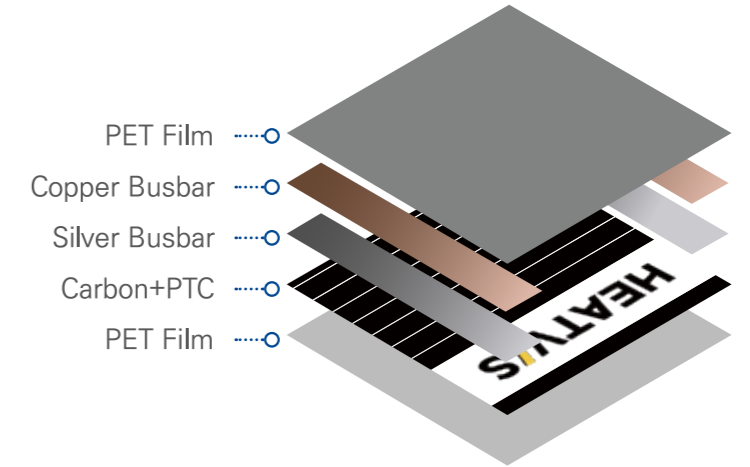
Model name	Width (mm)	Thickness	Packaging unit	Weight	Wattage Max.	Temp.
HV-SF-305	500	0.338	100m	25.3kg	80~220W/m ²	70°C
HV-SF-308	800	0.338	100m	39.8kg	80~220W/m ²	70°C
HV-SF-310	1000	0.338	100m	48.8kg	80~220W/m ²	70°C



PTC Film



Construction of PTC Film



What is PTC?

PTC stands for **Positive Temperature Coefficient**. It refers to the property of a heating element that allows it to **self-regulate its temperature**.

Our premium PTC heating film automatically **adjusts its power output as the temperature rises, preventing overheating** and ensuring a safer operating environment for users.

Additionally, as the temperature increases, power consumption decreases proportionally. This self-regulating behavior not only enhances safety but also improves energy efficiency, making it a next-generation heating solution.

Specification

**Made In Korea
Warranty 20years**

Model name	Width (mm)	Thickness	Packaging unit	Weight	Wattage Max.	Temp.
HV-PTC-305	500	0.338	100m	25.5kg	80~220W/m ²	70°C
HV-PTC-308	800	0.338	100m	39.5kg	80~220W/m ²	70°C
HV-PTC-310	1000	0.338	100m	48.7kg	80~220W/m ²	70°C

All - Coated (Premium) Film



All-Coated Film

A technologically advanced product built on the latest **scientific breakthroughs in nano-molecular carbon structures**.

The Full-Coated Film is a premium-grade offering in the HEATVIS product line, distinguished by its superior design, exceptional durability, and cutting-edge technology. Developed using the most recent advancements in nano-molecular carbon engineering, this product delivers outstanding performance while preserving all the benefits of infrared heating.

Its **enhanced thickness, structural rigidity, and specialized performance-boosting layers** provide significantly higher resistance to mechanical wear and abrasion. In addition, it features a **high insulation rating** and is fire-resistant—ensuring maximum safety for the entire system.

The film is powered by a **highly conductive copper connection tape**, supplying energy to specially modified carbon heating sections. With an impressive lifespan of up to **100 years and a 40-year warranty**, this product sets a new standard in both reliability and longevity.

Construction of All Coated Film



Specification

Model name	Width (mm)	Thickness	Packaging unit	Weight	Wattage Max.	Temp.
HV-ACF-410	1000	0.5	75m	50.3kg	80~220W/m ²	100°C
HV-ACF-408	800	0.5	75m	40.8kg	80~220W/m ²	100°C
HV-ACF-405	500	0.5	100m	33.5kg	80~220W/m ²	100°C

**Made In Korea
Warranty 40years**

HEATING PANEL



Eco-Friendly, Human-Safe Insulation

HEATVIS panels use **melamine resin-based ultra-light foam**, offering **superior thermal insulation** without health risks. Unlike fiberglass, commonly used in other panels, our material is **recyclable and harmless to the human body**

Safety Device

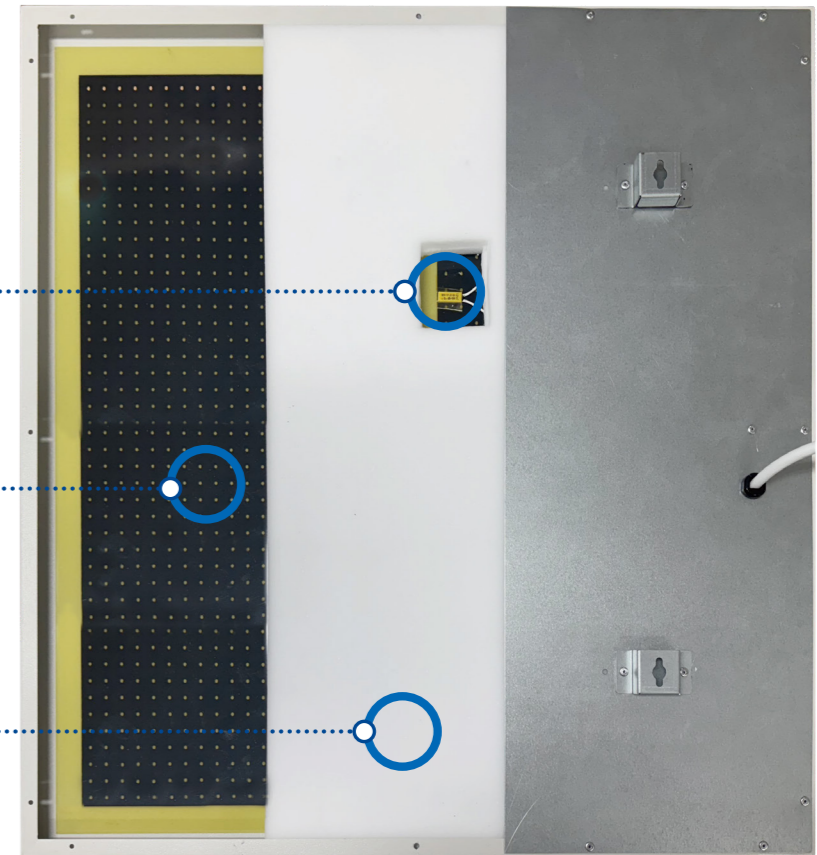
Thermal cut out bimetal 125°C

Heating Element

Carbon crystal

Insulation Material

Ultra-Lightweight Foamed Material Based on Melamine Resin



Advanced Safety System

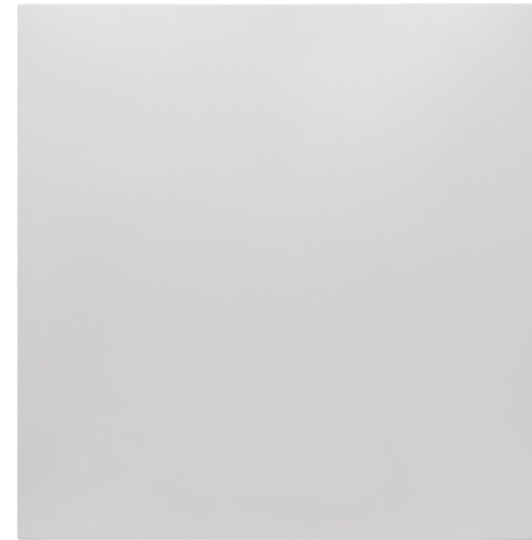
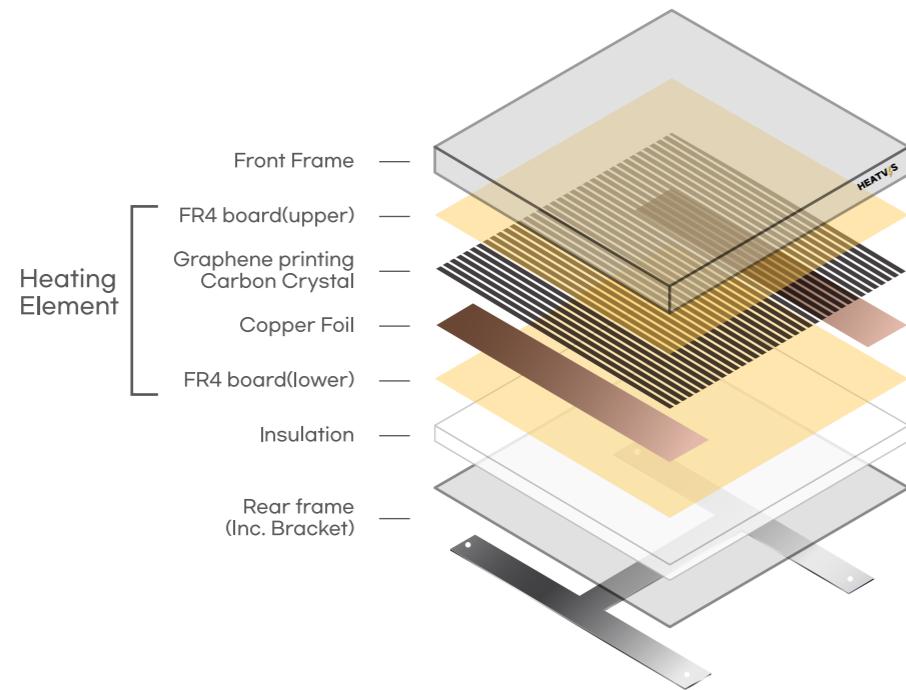


At HEATVIS, your safety comes first. Unlike conventional panels, we use **CE-certified, high-grade bimetal components**. Our built-in **overheat protection system** automatically shuts off power if surface temperatures exceed safe limits, providing peace of mind.



Exceptional Durability

Every HEATVIS heating panel is built to the highest standards—from core components and structural design to production and quality control. This is why we confidently offer the industry's **first 15-year full product warranty.**



Front



Back

**Made In Korea
Warranty 15years**

Product Specification

(Single-phase 230V, 50-60Hz)

Model name	Power Consumption (W)	Width (W/mm)	Height (H/mm)	Thickness (D/mm)	Weight (kg)	Heating area (m ²)
HV-HP-350	350 W at 230 V	600	600	36 <small>(Wall mount included)</small>	5.82	2~4
HV-HP-700	700 W at 230 V	600	1200	36 <small>(Wall mount included)</small>	11.3	4~6
HV-HP-1000	1000 W at 230 V	800	1200	36 <small>(Wall mount included)</small>	14.4	8~10

Depends on insulation condition

Precision Hand-Finished Powder Coating



Each panel is hand-finished by skilled Korean experts using powder coating techniques, ensuring high-quality surface finishes with enhanced safety, durability, and aesthetics.

Technical Specification

Heating Element : Carbon crystal

Insulation Material : Ultra-Lightweight Foamed Material Based on Melamine Resin

Surface Temperature : Max 95°C(±5°C)

Front Panel Material : Power coated GI (Galvanized Iron)

Insulation Fire Rating : V-0 UL94

Rear Panel Material : EGI (Electro Galvanized Iron)

IP Grade : 44

Certifications of Bimetal : UL, VDE, CQC, KC

Product life : 100,000 Hr

Safety device : Thermal cut out bimetal 125°C

Antibacterial Property : >99% in 24 Hrs

Emissivity ϵ : 0.885 (5-20 μ m, 100°C)

Global Training HUB

On-Site Training



- Learn to install, service, and maintain HEATVIS products.
- Delivered by **qualified and experienced HEATVIS technical engineers.**
- Practical, hands-on workshops for real-world experience.
- Attend at a choice of HEATVIS training centre in the UK or client's site
- Completely free for you and your colleagues (limited time offer).

E-Training - Go Digital with HEATVIS



- Access **tailor-made online training videos** at your convenience.
- Presented by **qualified and experienced HEATVIS technical engineers.**
- Includes practical, hands-on demonstrations to reinforce learning.

