

DEVicell™ LowCarbon

Eco comfort, clean heat.

DEVI® 
by Danfoss

Make it easy,
make it **DEVI**



DEVicell™ LowCarbon Eco comfort, clean heat

Introducing **DEVicell™ LowCarbon** — the most sustainable and efficient solution for heating modern buildings. Developed by DEVI, a global leader in electric floor heating, this next-generation innovation delivers high performance, fast response times, and exceptional ease of use — all while setting a new benchmark in environmental responsibility.

Manufactured using 75% recycled aluminium, **DEVicell™ LowCarbon** is the first product of its kind on the market — cutting carbon emissions, enhancing energy efficiency, and ensuring faster, more even heat distribution across a wide range of applications.

Whether you're renovating a heritage home, upgrading a vacation cabin, or specifying systems for large-scale commercial developments, **DEVicell™ LowCarbon** is the intelligent, future-ready choice.



Why **DEVicell™ LowCarbon** is a **Game Changer**

1. Sustainability First: 75% Recycled Aluminium

We're redefining industry standards. DEVicell™ LowCarbon is the first underfloor heating plate made from 75% recycled aluminium — dramatically reducing its environmental footprint.

- Lowers embodied carbon and material waste
- Supports green building certifications (LEED, BREEAM, etc.)
- Aligns with circular economic principles

Choosing DEVicell™ LowCarbon is a step toward a cleaner, more responsible future — without sacrificing performance.

2. 33% Faster Heat-Up Time & Superior Distribution

Thanks to its thicker aluminium construction and precision -engineered layout, DEVicell™ LowCarbon delivers:

- 33% faster surface heat-up times than traditional systems
- Even, reliable temperature across the entire floor
- No cold spots or heat loss in the subfloor

Its thermal conductivity ensures quicker comfort and reduced energy consumption, improving performance while lowering costs.

3. Smart Design for Challenging Spaces

Need insulation without significantly raising floor levels? DEVicell™ LowCarbon is designed exactly for that.

Its integrated insulation layer is ideal for:

- Renovating older buildings
- Cabins, cottages, and seasonal homes
- Projects where floor height must be kept to a minimum

Enjoy enhanced energy efficiency and comfort — without expensive structural changes.

Designed **for** **All Project Types**

DEVicell™ LowCarbon is flexible, and compatible with both dry and wet installations. It integrates effortlessly into various flooring types — from tile and laminate to engineered wood.

Perfect for:

- ✓ Renovation and retrofit projects
- ✓ New residential builds and apartments
- ✓ Offices, schools, and public buildings
- ✓ Cabins, cottages, and off-grid homes
- ✓ Commercial spaces and large-scale developments



4. Fast, Easy, Professional Installation

DEVlcell™ LowCarbon is designed to make installation easier, faster and greener.

- Pre-cut grooves for heating cables
- No duct tape, clips, or extra fixings required
- Lightweight, modular format = reduced labour time

Installers appreciate simplicity. Project managers value the speed. Everyone benefits.

5. Third-Party Verified: EPD Certified

DEVlcell™ LowCarbon comes with a verified Environmental Product Declaration (EPD), offering full transparency on its life cycle and environmental performance.

- Independently assessed for accuracy
- Supports environmental goals and regulatory compliance
- Ideal for tenders, certifications, and public sector projects

We don't just talk about sustainability, we validate it.

6. BIM Model Included: Plan Smarter, Build Better

Designed for the digital age, DEVlcell™ LowCarbon is fully compatible with Building Information Modeling (BIM) tools — ideal for architects and specifiers.

- Ready-to-use BIM objects
- Enhances design precision and workflow efficiency
- Minimize installation errors and on-site delays

Specifying DEVlcell™ LowCarbon is as smart as the product itself.

DEVI – Innovation You Can Trust

With decades of experience and leadership in electric heating, DEVI is trusted across Europe and beyond for quality, innovation, and service.

DEVlcell™ LowCarbon continues this

legacy — delivering unmatched performance while supporting your sustainability goals.

- European manufacturing and quality control

- Backed by comprehensive warranties and expert support
- Available through authorized distributors region-wide

At a Glance – Why Choose DEVicell™ LowCarbon?

Feature

75% recycled aluminium

Thick aluminium plate design

Pre-grooved insulation plates

Integrated insulation

EPD-certified

BIM-ready

Benefit

Eco-friendly with reduced CO₂ footprint

Faster and more even heat distribution

Clean and simple installation

Ideal for retrofits and low floor heights

Verified environmental performance

Seamless integration into digital workflows



Whether you're an installer, architect, designer, or homeowner — DEVicell™ LowCarbon offers a smarter, faster, and more sustainable heating experience.

Learn more: devi.com

Contact us: EH@danfoss.com



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