

February 2024

Danfoss Position on Life Cycle Assessment (LCA) and Environmental Product Declaration (EPD)

Danfoss aims to create a strong foundation for our sustainability journey as a business enabler for increased customer satisfaction, societal impact and growth.

As part of [our ESG ambitions](#), we implement an organization-wide assessment of the carbon footprint of our products to support the decarbonisation of our own business as well as that of our customers. By applying Life Cycle Assessment (LCA) tools and methodology, we ensure a systematic and holistic analysis of the carbon footprint and other environmental impacts of our products. Based on LCAs, we develop Environmental Product Declarations (EPD) for our customers. This provides transparency on the environmental performance of our products, thus helping customers to make qualified choices. LCA is also used for steering our product development towards achieving lower environmental footprint of our products.

We have an LCA-based approach as a critical enabler for sustainable product design and development with special emphasis on:

- Accurate and detailed information on our products' environmental footprint
- Science based information to support our ESG ambition and decision making
- Meeting market demands
- Meeting performance and information requirements in product sustainability legislation, and in regulations on substantiation of green claims
- Qualification for public procurement and tenders
- Rating points for building rating schemes (e.g. LEED, BREEAM, DGNB, USGBC, IGBC etc.)
- Continuous improvement of our products' environmental performance

Danfoss has over the past years built the organization and in-house capability to deliver LCAs and EPDs. We will gradually roll out LCAs and EPDs for our product range based on customer requests, legal requirements, and defined priority criteria, and we will continue optimizing application of LCA in our development of new products for identifying hotspots and for documenting real improvements.

We have developed EPDs for a range of our products, which can be accessed on our website: [Link to published Danfoss EPDs](#).

If you have any questions or requests regarding LCAs and EPDs, please contact your Danfoss Sales Representative.

Danfoss A/S

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