

ENGINEERING
TOMORROW

Danfoss

Case story | *Danfoss Link*

The **comfort** you want at a cost you'll **love**

For Bettina and Thomas, their *Danfoss Link*™ heating system is one of life's pleasures

Up to **30%**
less heating consumption

Studies show that homeowners can reduce their heating bill significantly with Danfoss electronic thermostats

smartheating.danfoss.com



Heating the family home has become a simple pleasure with the *Danfoss Link™* App



“I can always rely upon the temperature to be right. If I want 21°C, I'll get it,” he says. “At the same time, the Danfoss Link system has helped us reduce our energy consumption considerably.”



The 40-year-old semi-detached house in Monheim, Germany, was ripe for modernization when Bettina and Thomas moved in ten years ago. Since then, they have invested a lot of time and energy in insulating the roof, replacing the windows and floors, and switching to district heating.

But, although they exchanged the old radiators for new ones, managing the indoor climate was still nothing short of a nightmare. Their initial investment in a central heating control system failed to meet their requirements, forcing them to split their home into two rigid zones and turning the heating up every time they opened a window. So, it was something a relief to fit the home's 10 radiators with Danfoss *living connect®* thermostats and

tie them wirelessly together in a *Danfoss Link* system.

Flexible heating in every room

The result is a flexible solution that gives them complete control of the heating in each room of the house. According to Thomas, the *Danfoss Link* system is so intuitive and self-explanatory that you don't even need the manual. Nothing could be easier than setting a comfortable room temperature when the family is at home and a low temperature when rooms are unoccupied or the family asleep. “Every day of the week can be programmed differently,” he says.

Today, the family has individual temperature settings for different parts of the house. So the

rooms used by their young daughters Karla and Nina are only heated when they are home from school, and the rooms grouped in the 'living zone' are always comfortably warm whenever someone is at home.

With his engineering background, Thomas likes to be on top of the household technology. The *Danfoss Link* system allows him to monitor and manage his environment perfectly.

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Remote control on vacation

The family enhanced their flexible heating system with the *Danfoss Link™* App at the

earliest opportunity. Once downloaded to a smart phone or tablet, the app can be connected with the *Danfoss Link™* Central Controller to give homeowners precision control of their heating when they are out and about.

Now Bettina and Thomas enjoy their system even more, especially during weekends away or when on vacation.

"The ability to control our heating system from everywhere is a great relief for us. The *Danfoss Link™ App* keeps me even better informed than the control panel," says Thomas.

"I can always check if everything is up and running and if the actual temperatures match the programmed temperatures. It is really the icing on the cake"



Bettina and Thomas like to tell their friends about how their *Danfoss Link™* system works for them. Particularly the reduction in energy consumption crops up regularly in conversation. The system's precision, ease of use and overall convenience have turned heating their home into a comfortable experience.

Bettina and Thomas's *Danfoss Link* system comprises:

- 10 *Danfoss living connect®* thermostats
- A *Danfoss Link™ CC* panel, which provides wireless control of all radiator thermostats so the temperature in each room can be individually set. Studies have documented average energy savings of up to 30% in homes with a *Danfoss Link™* system installed
- The *Danfoss Link™ App*, enabling remote regulation of individual room temperatures from any location
- The *Danfoss Link™ App* Helpdesk, which provides technical support for Wi-Fi and app-related questions



Three good reasons to choose Danfoss

Danfoss provides intelligent, energy-efficient heating solutions for your home. Our products increase comfort, reduce heating bills and make your heating system easier to manage. With more than 80 years of experience, innovation and development, we can offer you the best solutions for the perfect indoor climate.



1 Intelligent solutions that optimise indoor climate and comfort

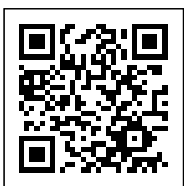


2 Reduce heating expenses and reap the benefits of an energy-efficient home



3 Intuitive and user-friendly products tailored to your lifestyle

Visit us online for information, support, advice and inspiration at smartheating.danfoss.com



Scan the code to download the app with a demo and see for yourself how easy it is.

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