

1 HEATING

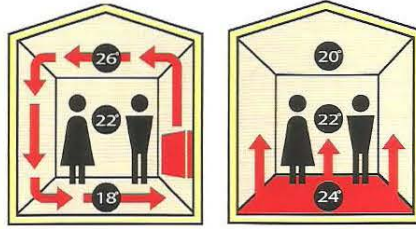
1.1 General information

Danfoss's floor heating systems consist of heating cables or heating mats, electronic temperature regulation thermostats, and installation accessories. The system can be connected into the network using the devicom™ network solutions.

Optimal comfort

All heat moves upwards! This simple fact explains why a floor heating system provides more comfortable heat than the alternative radiator system. A radiator system throws the heat up at head height, which then travels further up to the ceiling only to travel downwards and return as a cold draft around ones feet.

Danfoss's floor heating system, on the other hand, provides pleasant heat for ones feet, body and head. As it produces only a very gentle upward air movement, the amount of travelling dust particles is reduced considerably, obviously making the system a great asset to people suffering from allergies or asthma.



Minimal energy consumption

Thanks to a heat distribution from the floor and a precise temperature control system with a Danfoss thermostat, the average room temperature can be reduced by 1-2°C compared with traditional radiator heating without influencing the thermal comfort level. This enables a reduction of the energy loss by up to 10-20%, which is both economical and environmentally beneficial.

A flexible system

Danfoss's floor heating system ensures a comfortable room temperature, be it at home, at the office, in a workshop, sports hall or virtually anywhere where comfortable heat is required. Equally important is the fact that Danfoss's floor heating system may be installed

in all types of floor whether they are new concrete floors, wooden floors or renovated floors.

An invisible heat source

Danfoss's floor heating system is invisible. As the system is hidden under the floor, it gives excitingly new possibilities for furnishing and interior design and the problem of space-consuming and unattractive radiators no longer has to be considered.

High durability, no maintenance

Danfoss's floor heating system has a long life. Practically speaking one can count on Danfoss's heating cables and mats to last as long as the house in which they are installed – and no maintenance is required!

Danfoss's heating cables and mats come with a 10-year guarantee

Danfoss heating cables and heating mats are provided with a 10-year guarantee. The Danfoss thermostats are provided with a 2-year guarantee.

