



## Project Reference

# Studio in the garden, Vantaa, Finland DEVI helped to design the small house

## Project Overview

### Project size:

50 m<sup>2</sup>

### Products:

DEVIreg™ Touch Thermostat – 2 pcs

DEVicell™ plates – 34 pcs

DEVIfelx™ 10T – 250 m

A small wooden concept house is prefabricated and designed especially to re-development of old villa neighborhoods. The house offers all the benefits of detached house - just in a smaller size.

House has 50 m<sup>2</sup> floor area. It is divided between two floors. First floor is having all the necessary functions, such as: bathroom, kitchen, storage and sauna. Second floor is open space where living room and bedroom can be located. Most of the structure has been left shown so that modification can be easily done afterwards.

DEVI electric heating was chosen as heating solution for the house. Electrical heating is

the most reasonable choice for house of this size. In small house the reaction time of the heating system comes into more significant role – when opening the door means the same than opening half the wall in the bigger house.

The heating panels are hidden under the first floor. Second floor is built with small bars that allows warm air to travel from first floor to the second. The system is able to provide nice living conditions even in the Finnish winter, up to -20.

The cost of heating has been very low due to high level of insulation and system effectiveness.

VZIVY102