



## Project Reference

# Prestigious multifamily housing Total electric heating solution

**As the Czech Republic continues to develop as a major economic force, the demand for high-quality housing is steadily increasing. This has resulted in a large number of renovation projects, of which this was an excellent example.**

### Environmentally responsible

Against this background, however, the Czech government is very aware of its environmental responsibilities as a full member of the EU. In 2013, they introduced legislation concerning energy labelling for private homes.

This legislation presented both a challenge and an opportunity for this prestige project. The intention was to use electricity as the main heating source, which now had to fulfil the new standards.

In response to the regulations, DEVI was able to deliver a system that both provided superb heating comfort and met the development's energy-efficiency goals in a new-built prestige multifamily house called Aristoteles in Brno.

Obviously the proposed DEVI system required an initial investment which was subject of debate.

But the facts ended up winning the day: the DEVI team was able to prove to the developers not only the outstanding efficiency of the system, but its long-term economic viability.

In the end, what on paper seemed to require an investment will actually save the developer and the residents a substantial and lasting amount of money in the near future.

### Applications involved

Installation of an electrical heating system in a prestige multifamily housing development in Brno, consisting of approx. 20 units. Electric heating was chosen as a main source of heating.

A range of indoor and outdoor applications was provided using a combination of DEVIflex™ 18T cables, DEVIreg™ Touch, DEVIfast™ and DEVIrail™ products.



“The Aristoteles building in Brno is a perfect example of DEVI as a brand of choice for low-energy electrical heating solutions.

Our heating cables together with our intelligent thermostats deliver comfort heating without the high bills from your energy supplier.”

Marius Beek,  
DEVI



### Results of the project

An extremely high comfort and energy efficient heating system for a prestige residential development, which not only met the immediate energy rating demands of the project but also ensured excellent cost efficiency in the future.

Thanks to the DEVI solutions residents of the Aristoteles building can experience outstanding quality of indoor electrical floor heating.

Moreover they save energy and money by using the intelligent thermostat DEVIreg™ Touch.

### Benefits for DEVI

A very interesting project that gave DEVI the chance to prove the efficiency of our systems in the light of new legislation on energy labelling in private homes.

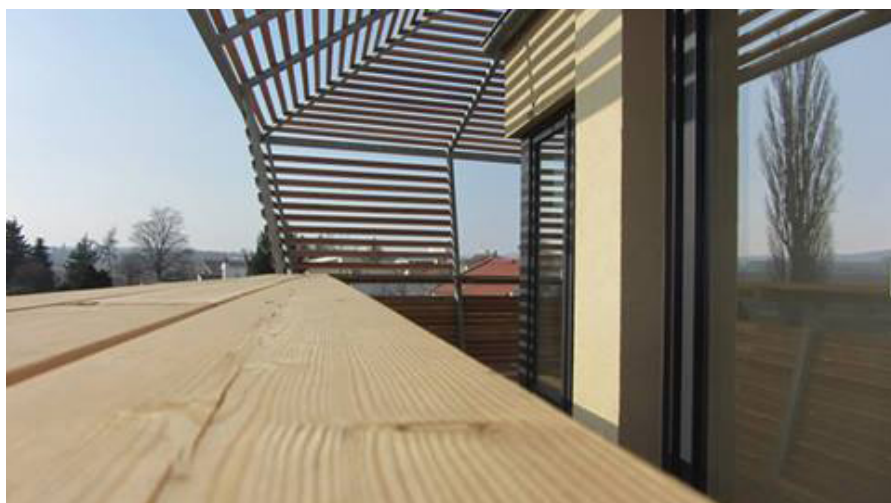
The legislation forced electric heating in general to prove itself again as an efficient principal source of heating.

DEVI confidently delivered a solution that not only worked extremely well, but also delivered lower energy costs than the alternative solution.

DEVI electrical heating solutions have been the system of choice not only for small low energy houses but also for multifamily low energy buildings.

### Project overview:

- DEVIflex™ 18T
- DEVIreg™ Touch
- DEVIfast™
- DEVIrail™



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