

# Sports shop in Šumperk – heating with low-temperature ECOSUN panels

Heating with ECOSUN radiant panels has characteristic features which make it an ideal heating system for areas with large amounts of people moving around, frequent air exchange or with requirements for free space where the user will have the whole area at his or her disposal, including the room walls, and not be limited by radiators or the distribution system of the heating medium. One practical example of such conditions is the GLOBESPORT sports shop in Šumperk.



A suspended ceiling was built in the shop into which 300c 600/VT ECOSUN radiant panels were inserted. The panels operate using the principle of infra-red heating, which doesn't heat the air but rather the objects which it encounters. For areas such as shops these panels are more suitable and mainly more economical than traditional convection systems via which undesired loss of warm air takes place due to customers arriving and leaving.



Factors no less important for the selection of this system were also, understandably, the very low acquisition costs, easy (and thus also cheap) installation, maintenance-free operation and mainly the absolute freedom it allows in the arrangement of the area of the shop.



A total of 34 ECOSUN 300c 600/VT (10.2 kW) panels were installed in the shop. As it is a publicly accessible area, people who are potentially interested in heating with ECOSUN radiant panels may visit this shop and view this application of the technology.

Size of the shop: 150 m<sup>2</sup>

Total number of panels: ECOSUN 300c 600/VT - 34 pieces

Wattage of the installed heating: 10.2 kW

Acquisition costs: 67, 648 CZK before VAT (only the ECOSUN panels)

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