

Termík / X

An auxiliary device (a series of several fans), suspended from hooks behind the central heating radiator, creates a forced flow of heat around the heating panels, thereby significantly increasing the rate at which the air in the room warms up and the radiator's efficiency.



Even a complete novice can manage the very simple installation. The unit is hung behind the radiator on two wire hooks. Electricity consumption is approximately 50 CZK per heating season.

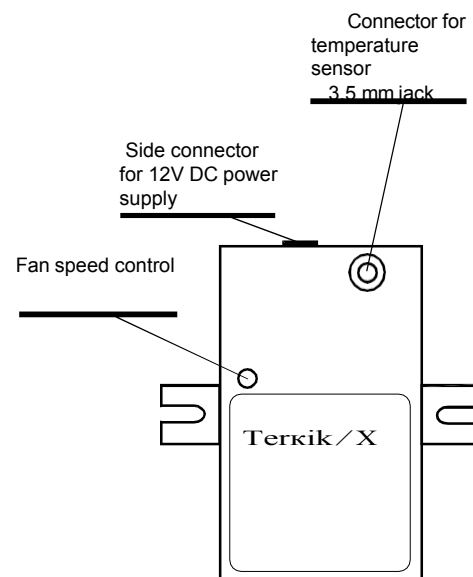
Specially developed electronics automatically switch the fans on when the radiator is warm and off when it is cold (switching at approx. 30°C) and allow manual control of the fan speeds.

Technical data and calculations:

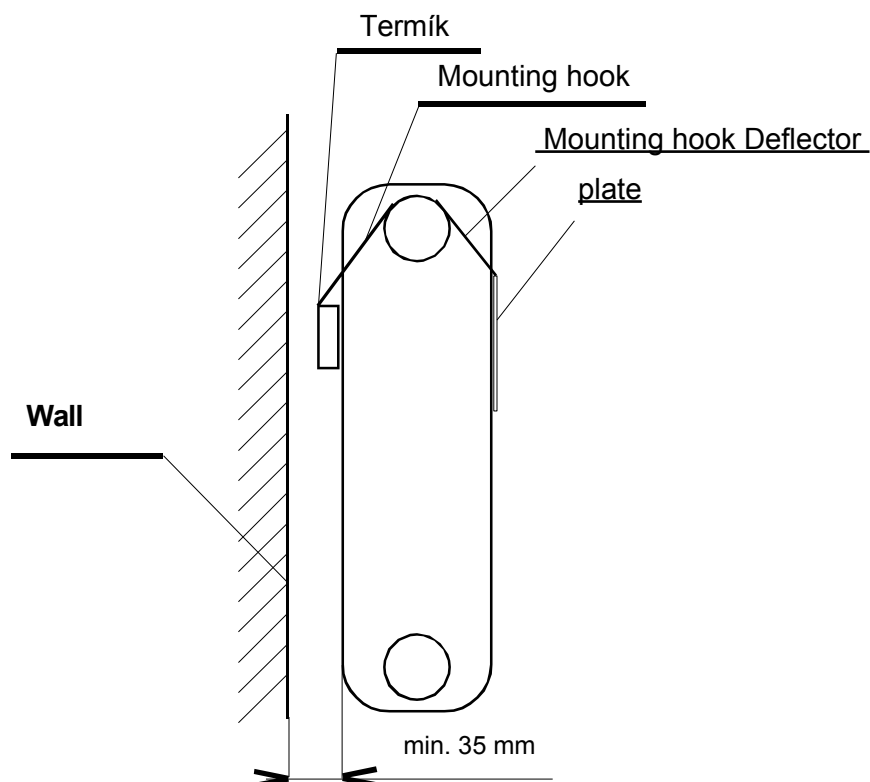
Supply voltage	12V DC (max. 15V DC). DC connector 5.5 x 2.1 mm
Supply current	Warning: a non-reversible overvoltage fuse is fitted!!!! Depending on the number of fans used: 4 fans = approx. 360 mA, electronics = approx. 6 mA
Temperature sensor	Thermistor with lead cable approx. 700 mm
Dimensions	Length = 590 Width = 86 Height = 30 mm
Airflow	1 fan approx. 40 m³/h at full speed
Power consumption	4 fans = approx. 4 W (1 kWh per 250 hours)
Seasonal consumption	Heating season approx. 220 days (12 hours per day on average) =
2,640 hours	4 fans = 4 W x 2,640 hours = approx. 10,560 Wh = 10.56 kWh
Speed control	Via a manual knob. 50–100%

Warranty: 24 months from the date of sale.
The warranty is void if the unit has been powered by a voltage higher than that specified (max. 15 VDC). The internal non-recoverable overvoltage fuse is capable of detecting this.
The device operates optimally and most efficiently when used with the switching power supply supplied by C.E.L. MV120P067MGS

The device is protected by 8 patents.



Mounting Termík on a cast-iron radiator



To increase the efficiency of Termík on cast-iron radiators, we recommend hanging a deflector plate opposite the fans, which will extend the path for heating the air.

Stick the temperature sensor to the back of the radiator near the hot water inlet so that the cable with the connector, which is plugged into the control electronics box, reaches the insertion slot.

