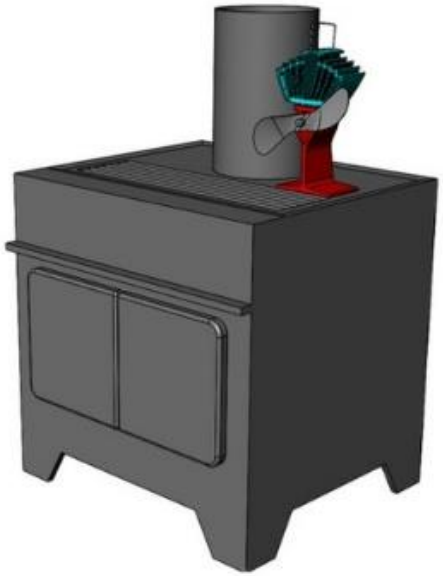
Ecofan Technology

All Ecofans are purposefully designed for maximum performance and aesthetics. They were developed to deliver optimal airflow within a specific range of stove temperatures. The blades are designed to maximize heat circulation while maintaining CE safety compliance.

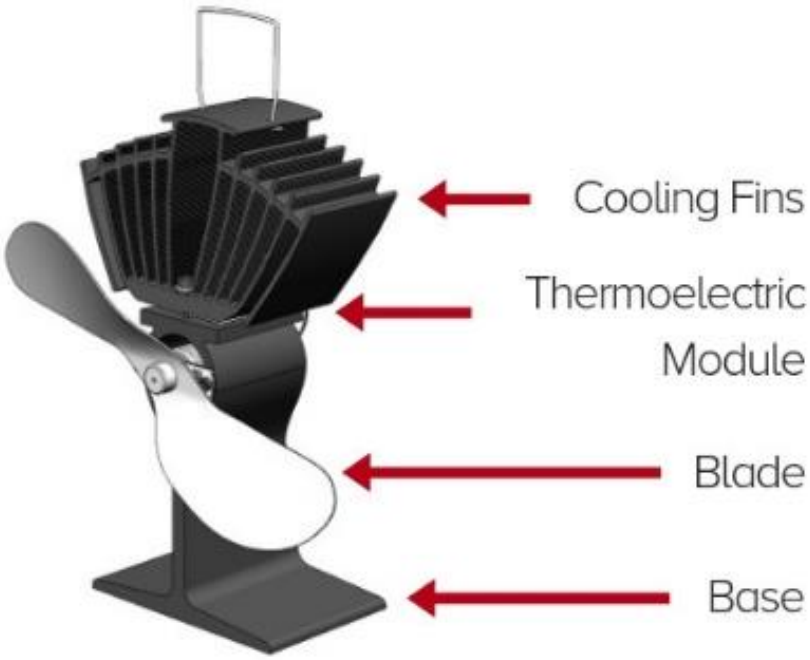
How it Works

Ecofans use a unique thermoelectric module, mounted between the fins and the fan body, to convert temperature differences into electricity.

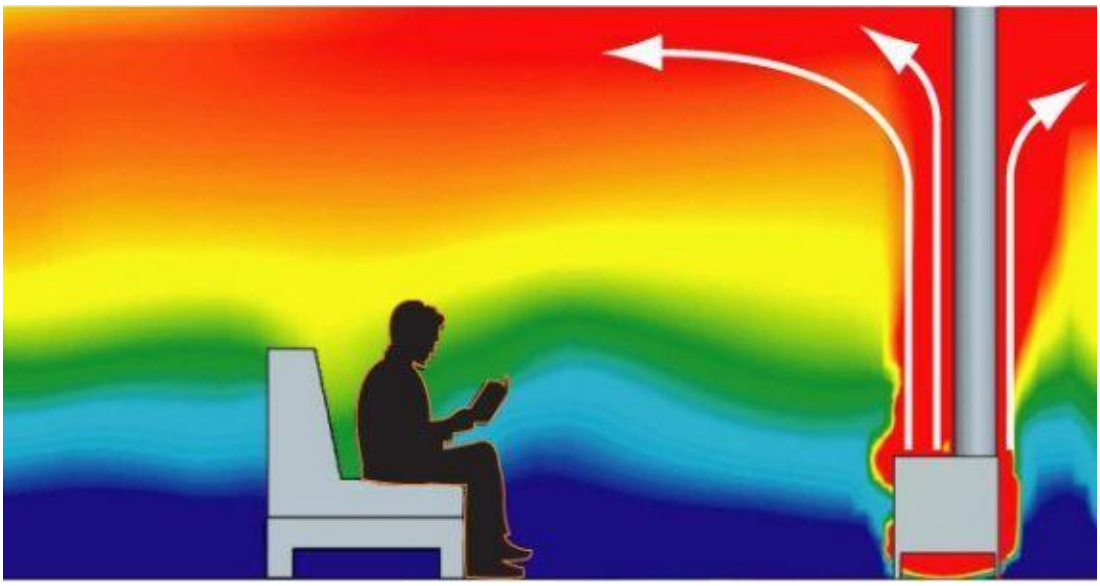


Thermoelectric Technology

The base of the Ecofan collects heat from the top of the wood stove, while the fins at the top of the Ecofan act as a heat sink, drawing in cooler air from behind your stove. This creates a hot side and a cool side within the module.
When this happens, a principle called the 'Seebeck Effect' causes electrons to flow, creating electricity to power your Ecofan and warm your room faster.



Heat displacement WITHOUT an Ecofan



Without an Ecofan, the heat produced by your stove collects around the stove and escapes up to the ceiling.

Heat displacement WITH an Ecofan

With an Ecofan, the warm air is circulated further into your living space to warm up a chilly room more quickly and maintain a more comfortable and even temperature throughtout the room.