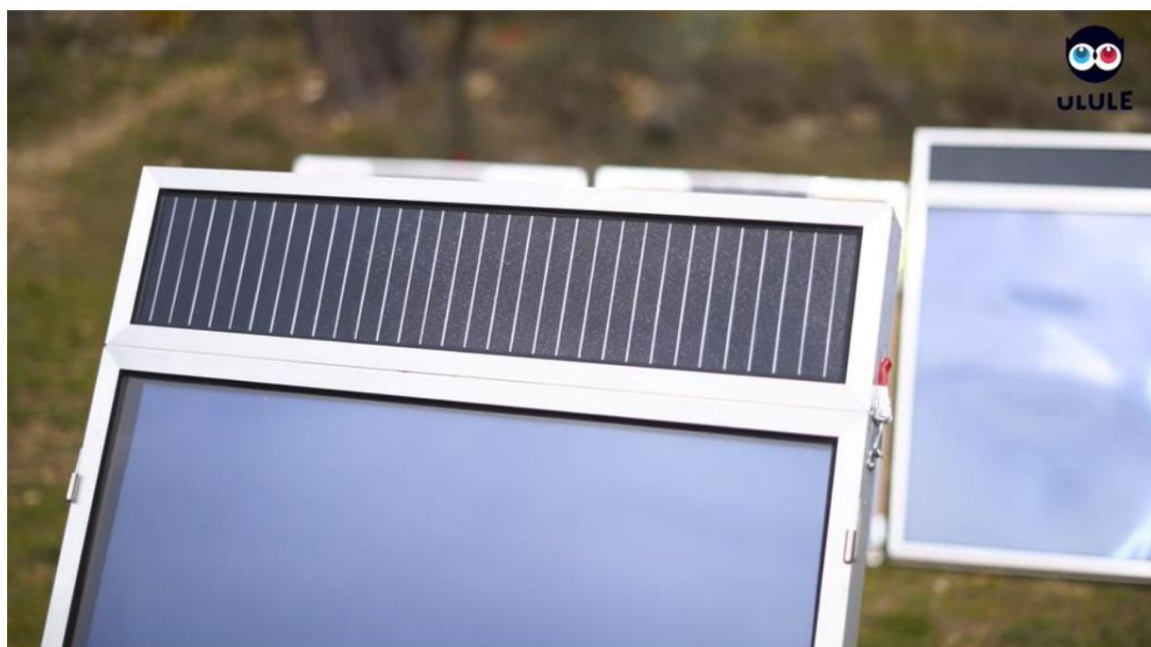




Press release

April 24, 2023

Solar Brother is taking a step further on the path to energy savings with its new solar heating system, ERO!



A great “ERO” to lower your heating thermostat by 3 to 5 degrees for free and without electricity!

Specialized in the design of ecological solar solutions, the French start-up Solar Brother unveils a new innovation in its wide range of solar products (lighter, ovens and barbecues, vegetable dryer, chargers, etc.) with ERO: a solar heater that heats and renew the air in rooms from 20 to 60m². A unique innovation, which allows you to lower the thermostat of your traditional heating by 3 to 6 degrees. Enough to make substantial savings, and be part of an eco-responsible approach! Available at the end of 2023, this “Made in France” innovation can be reserved now on [Ulule](#).

ERO®, or how to bring more heat to your room for free!

Solar heating is a project initiated in June 2022 by Solar Brother's R&D teams to respond to the sharp increase in energy prices, and the need for French people to turn to alternative solutions to lower their bills. Less than a year later, this ambition is materialized by ERO: **the first solar heating capable of heating and renewing the air for rooms of 20 to 60m² such as a bedroom, a living room, a workshop, a shed, a cellar.** Earnings ? The additional 3 to 6 degrees that it generates in the home allow you to reduce your current thermostat by the same amount and therefore achieve significant real savings.

Nothing to do every day !

Ero is installed vertically on the exterior facade of a house facing the sun (ideally facing south, or south-east, south-west) via modular panels which are fixed to the partition. Once the panels have been installed (from 1 to 3 panels depending on the volume of the room to be heated) and the motor unit fitted with the

ventilation system, you have nothing more to do. The solar heating comes into operation naturally:

1. Outside air enters the bottom of the panel through filters.
2. The air then comes into contact with the solar absorber designed to facilitate the transfer of the heat.
3. As it rises in the panel, the air is heated and propelled inside the house by controlled ventilation. As soon as the control block exceeds 25°, the ventilation starts. At nightfall, it switches off automatically with the sunset.

Everything works completely autonomously thanks to the energy of the sun. Heat + airflow warms and dehumidifies rooms. With ERO, you not only gain a few degrees "for free" to heat your rooms, but you also renew the volume of air in the room every hour with a silent ventilation system.



CEO of Solar Brother, Gilles Gallo is delighted with the forthcoming launch of this new product on the market: " *Because ecological and energy news leads us to live differently, Solar Brother offers households innovative means and products that allow everyone to live fully the changes that are coming. ERO thus fits perfectly into this need of the French to be part of an approach that is both more economical and eco-responsible.* »

The ideal complement to a heat pump, wood, electric or gas heater to heat one or more rooms in winter, ERO can also be very useful in summer: It is even possible for anyone who grows vegetables intensively, to use modular panels as a fruit and vegetable dehydrator.

Available now for pre-order on [Ulule](#), ERO will be delivered in early fall 2023 to allow users to have a milder and energy-efficient next winter.

About Solar Brother:

Created by Gilles Gallo and Gatien Brault in 2016, Solar Brother develops a range of ingenious and "outdoor friendly" objects operating on the basis of concentrated solar energy, captured using a system of parabolic reflecting mirrors: a technology as old as Archimedes and that almost everyone has experienced with a magnifying glass as children. Based on this principle, Solar Brother has designed and distributed 4 innovative products to the general public, including 3 Lépine prize-winners. They are present in nearly 300 points of sale - in Europe, with a promising launch in Japan in 2020.

Benefiting from the support of the Public Investment Bank, both for innovation and export, Solar Brother now wishes to accelerate the development of the brand internationally, particularly in Germany and the United States.

Committed to reducing its environmental impact as much as possible, Solar Brother uses recycled, up-cycled materials and 0-waste packaging and French manufacturing.

For more info: <https://www.solarbrother.com/>

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