



Press release

January 15, 2024

Solar Brother's SunAéro economical solar heating is a huge success with consumers looking to heat themselves while spending less!



SolarBrother fills 3500% of its initial objective on Ulule with already nearly 175,000 euros raised!

Specializing in the design of ecological solar solutions (ovens, barbecues, vegetable dryers, etc.), the French startup Solar Brother finally offers an alternative to the French to reduce the cost of their energy bill when the cold sets in! With SunAéro, it is finally possible to lower your heating thermostat by 3 to 5°C for free and without electricity, while maintaining thermal comfort! A Made in France innovation, designed and assembled in France in the brand new production center in Carnoules in the Var, which will be inaugurated in January.

SunAéro®, or how to bring more warmth 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 of the French to turn to alternative solutions to lower their bills. One year later, this ambition came to fruition with SunAéro: **the first solar heating capable of heating and renewing the air for rooms from 20 to 60m² such as a bedroom, a living room, a workshop, a shed, a cellar.** Earnings ? 3 to 5

The additional degrees that it generates in the home make it possible to reduce your current thermostat accordingly and therefore make real, significant savings.



Simple to install, by just one person!

SunAéro is installed vertically or horizontally 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 by mechanical fixing with quick fasteners. With its "Plug & Play" system, **installation is very simple**: once you have chosen the

room you want to heat, simply drill 4 holes on the outside of the front of the room to attach the panel.

1 to 3 hours are required to complete a turnkey installation depending on whether it is wood or concrete. To help users, Solar Brother offers several options: video tutorial guides and rental of tools for DIY enthusiasts or calling a craftsman monitored by Solar Brother.



Nothing to do on a daily basis, totally autonomous!

Once the panels have been installed (from 1 to 3 panels depending on the volume of the room to be heated), the pilot block Equipped with the ventilation system, you no longer have to do anything. Solar heating starts up naturally:

1. The outside air enters the bottom of the panel through the filtration cassette.
2. The air then comes into contact with the solar absorber in the aerothermal solar panel which is designed to optimize heat transfer.
3. As it rises in the panel, the air is heated and propelled inside the house by controlled ventilation. As soon as the pilot block exceeds 25° C*, ventilation starts. When night falls, it turns off automatically with the sunset.

*The set temperature is adjustable.

This optimized technology for air duct insulation is patented, it allows assembly without glue or silicone. SunAéro operates completely autonomously using energy from the sun. The heat combined with the air flow heats and dehumidifies the rooms. With SunAéro, you not only gain a few degrees "for free" to heat your rooms but you also renew the air volume in the room every hour with a silent ventilation system.

An ideal complement to a heat pump, wood, electric or gas heating to heat one or more rooms in winter, SunAéro can also be very useful in summer: It is even possible to install its modular panels on a drying shed and thus use it as a fruit and vegetable dehydrator, tumble dryer or to accelerate the drying of wood.

Soon connected, to monitor energy savings in real time and control the fan remotely!

Last advantage, SunAéro is the only solar heating that can be controlled remotely via a mobile application soon to be available. This will provide real-time data (in particular the watts saved) and will allow users to configure the fan settings so that it is triggered automatically, for example when the panel temperature increases.
is 5°C higher than that of the room to be heated or depending on the desired humidity level in the room.

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About Solar Brother :

Created by Gilles Gallo and Gatién Brault in 2016, the French startup Solar Brother is developing a complete range of solar innovations for both home equipment and outdoor activities, operating on concentrated solar energy technology: a technology as old as Archimedes and that almost everyone experienced using a magnifying glass as a child. On this principle, Solar Brother has designed and distributed to the general public 15 innovative products always oriented towards autonomy and energy saving, including 3 Lépine awards. They are present in nearly 300 points of sale in Europe, with a promising international launch in Japan and Germany.

Benefiting from the support of the Public Investment Bank, both in innovation and export, Solar Brother now wishes to accelerate the development of the brand internationally, particularly in Europe and the United States. Committed to reducing its environmental impact as much as possible, Solar Brother manufactures in France and uses recycled, up-cycled materials and 0-waste packaging.

Solar Brother also releases all the plans for its accessible innovations for free on their website www.solarbrother.com. Through its actions, the company is recognized by the French state with ESUS approval.



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