



Press release

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Solar Brother's **economical SunAéro® solar heater is available this winter!**



An innovation, which entered production in Carnoules, which allows consumers to heat their homes while spending less!

Solar Brother, specializing in the design of ecological solar solutions (ovens, barbecues, vegetable dryers, etc.), announces the launch of the SunAéro® innovation in Carnoules: solar heating that allows you to lower your heating thermostat by 3 to 5°C for free and without electricity! A “Made in France” innovation that has been a great success since its launch last year on Ulule, with more than €200K in pre-sales for more than 200 customers already delivered. With its new production center up and running, Solar Brother can now meet the needs of individuals looking to lower their energy bills this winter.

Carnoules, new SunAéro® production center

Operational since the first half of 2024, Solar Brother's new production center located in Carnoules (83) has enabled the company to produce SunAéro® solar heating for several months, and to have sufficient stock to meet consumer demand this winter.

After delivering to over 200 customers this summer, Solar Brother has started production of solar heaters in its new production center, with the capacity to produce up to 2,500 per year to respond quickly to future customer demands. In addition, the company plans to further accelerate the development of its production capacity in 2025 with a new production workshop currently under construction. This should enable it to manufacture up to 20,000 panels per year.

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

Project initiated in June 2022 by Solar Brother's R&D teams to respond to the sharp increase in energy prices, SunAéro® is **the first solar heater capable of heating and renewing the air for rooms of 20 to 60m² such as a bedroom, living room, workshop, shed, cellar**. The benefit? The 3 to 5 additional degrees that it generates in the home make it possible to reduce the current thermostat by the same amount and therefore make real, significant savings.



Easy to install, by just one person!

SunAéro® is installed vertically or horizontally on the exterior facade of a house facing the sun (ideally due south, or south-east, south-west) via modular panels that 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 at

the outside of the room facade to secure 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 tool rental for DIY enthusiasts or calling a craftsman monitored by Solar Brother.



Nothing to do on a daily basis!

Once the panels are installed (1 to 3 panels depending on the volume of the room to be heated), the pilot block Equipped with the ventilation system, you don't have to do anything else. The solar heating starts working naturally:

1. 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. By climbing into the panel, the air is heated and propelled inside the house by a controlled ventilation. As soon as the pilot block exceeds the temperature of the house, the ventilation starts. At nightfall, it automatically cuts off with sunset.

This technology optimized by the insulation of the air duct is patented, it allows to obtain better yields with a mechanical assembly, without glue or silicone. SunAéro®, works in a completely autonomous way thanks to the energy of the sun. The heat combined with the air flow heats and dehumidify rooms. With SunAéro, 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.

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, clothes dryer or to speed up the drying of wood.

About Solar Brother :

Created by Gilles Gallo and Gatien Brault in 2016, Solar Brother develops a complete range of solar innovations for both the home and the outdoors, operating on concentrated solar energy technology: a technology as old as Archimedes and that almost everyone has experimented with using a magnifying glass as a child. On this principle, Solar Brother has designed and distributed to the general public 12 innovative products always oriented towards autonomy and energy savings, including 3 Lépine awards. 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 on 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 uses recycled, upcycled materials and zero waste packaging and French manufacturing. Solar Brother is recognized by the French state via the ESUS label.



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