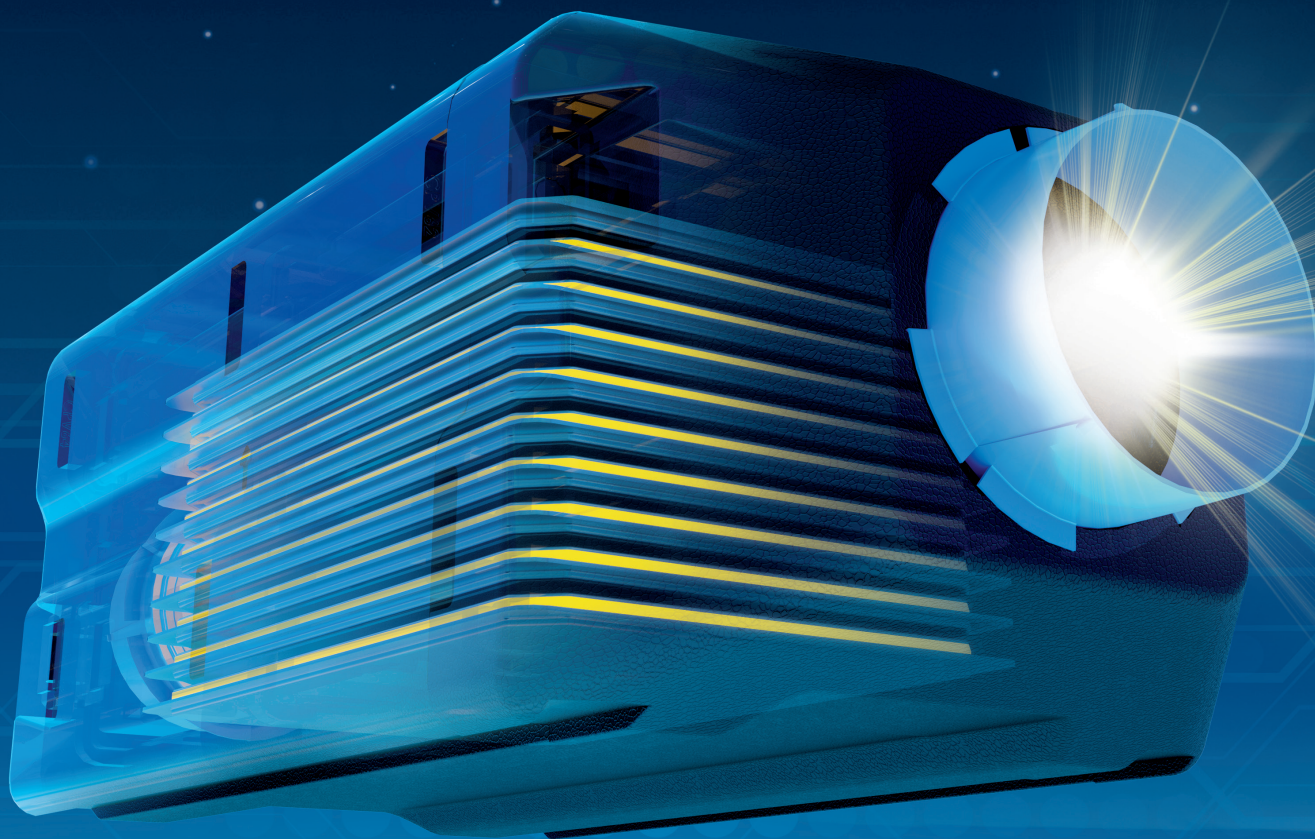


AEROTHERMAL SOLAR BATTERY

STORE-H

Heat your home with solar power... even at night!



MAXIMISE THE PERFORMANCE OF AIR-VOLT PLUS WITH THE FIRST AEROTHERMAL SOLAR BATTERY!



Capture the sun's heat by day!

The STORE-H battery works in perfect synergy with your AIR-VOLT PLUS solar panels. At the same time as hot air is being blown into your home, **part of the heat is channelled into storage**, while **the temperature is kept comfortably warm**. The point of all this? To be able to use this reserve of hot air at any other time, of course!

STORE-H
A WORLD EXCLUSIVE!

HOW DOES IT WORK?

STORE-H is a hot air battery consisting of several plates enclosing **a revolutionary material**. This "phase change" material's state alters according to the temperature. When it gets hot, the substance contained in the plates melts and **absorbs the solar thermal energy**. The battery is charged. When the temperature cools, this same substance solidifies and **progressively releases all the stored heat!**



The substance inside the battery alters to capture or release heat

Keep the sun shining at night, even in winter!

When the ambient air cools down, the magic starts to work. **Just as if you were still in full daylight**, your system continues to provide heating thanks to the STORE-H battery. For five hours, **air heated to a temperature of more than 25°C is blown into your home!** This means that you continue to make savings and remain comfortable, even when the sun has gone!

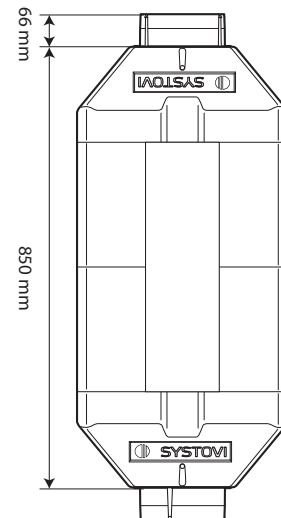
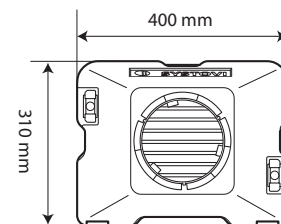
Heating supplied by AIR-VOLT PLUS on a day in December*



* Non-binding, estimated data.

TECHNICAL SPECIFICATIONS

Technology	Phase-change material (PCM) for storing heat
Model	STORE-H 2.4 kWh
Capacity	2.4 kWh (2x1.2 kWh)
Power	1 kW @ 200 m3/h
Weight	26 kg
Depth of discharge	100%
Consumption	0 kWh (no power supply)
Installation	Indoors, serial connection with the MODUL-R
Battery charge time	3 h @ 300 m3/h for 2.4 kWh
Operating temperature	Charge (melt): 30°C Discharge (solidification): 27°C
Temperature of blown air in storage mode (20°C setpoint)	7°C lower than the temperature of the panels
Connecting several STORE-Hs	Serial connection
Solar system design	Two aerothermal sensors per STORE-H 1.2 kWh
Additional accessories	MODUL-R + 3-way motorised air valve
Ventilation	Air recycling vent: Air blower vent(s) (1 mandatory): variable according to need
PCM plates	10 plates per 1.2 kWh STORE-H



PATENTED
SYSTEM



STORE-H OPTION
ONLY COMPATIBLE WITH
AIR-VOLT PLUS

UP TO 60 % OPERATION DURING THE HEATING PERIOD!

MONTH	September	October	November	December	January	February	March	April
Charge days	25	16	11	8	9	17	21	25

Monthly table of STORE-H charge days: Example in London climate zone, based on AIR-VOLT PLUS (8 aerovoltaic panels + 4 aerothermal boosters).



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