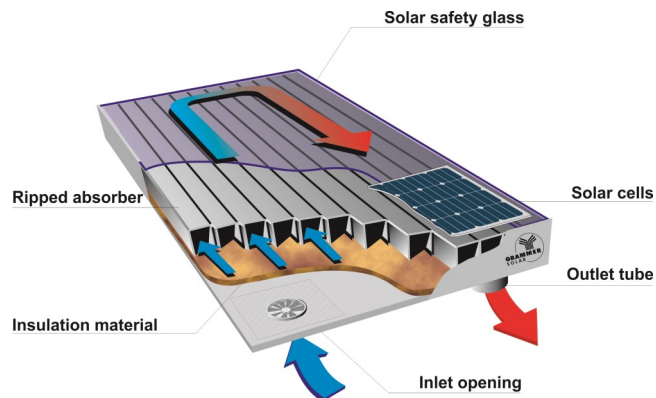


## Self-sufficient, off-grid solar air collector with solar power



- Maximum yields
- No operating costs
- Compact module, completely ready for operation
- Rapid mounting
- Integrated ventilator
- Long service life and operational reliability

TWINSOLAR compact		2.0	4.0	4.5	6.0
Room size, intensive ventilation / temperature control	m²	15-30	30-60	30-60	45-90
Room size, basic ventilation	m²	25-50	50-100	50-110	80-150
Length of collector	m	2,0	4,0	2.25	6,0
Width of collector	m	1.0	1,0	2,1	1,0
Weight	kg	47	90	110	135
Peak thermal output <sup>1)</sup>	kWp	1,4	2,8	3,2	4,2
Max. ventilation capacity <sup>1)</sup>	m³/h	125	250	250	250
Outlet diameter	mm	125	160	160	160
Temperature rise <sup>1)</sup>	K	35	35	40	45

1) With 1000 W/m² solar radiation acc. to Solar Keymark test: peak output of up to 700 Wp/m²



N° 01500000050-04-2016

## One order. One price!

For a facade or the roof, parallel or elevated – we will provide you with the appropriate mounting kit, which includes everything you need for a typical installation.

Our TWINSOLAR compact package includes absolutely everything you need for a typical solar ventilation installation: solar collector, roof or wall bushing, flap valve, thermostat, disc valve and, depending on the mounting type, a piece of thermally insulated flexible hose.

**GRAMMER**  
SOLARAIR  
you too can enjoy

Efficiency and quality  
made in Germany

Package price (incl. VAT)      Facade      Elevated\*

Package price TWINSOLAR compact and TWINSOLAR Duo  
> Online Shop  
> [www.twinsolar.de](http://www.twinsolar.de)



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**TWINSOLAR compact**  
for heating and  
ventilation with the sun



**Completely ready for operation:**

## **TWINSOLAR compact**

**Easy and cost-effective solar heating**

Heating and ventilation with the power of the sun couldn't be easier:

Electricity obtained from solar cells drives a fan. The filtered outdoor air flows through the thermally insulated air collector, which is made of aluminium. As a result, fresh air is heated up and fed into the house through an insulated pipe. Once the desired room temperature is reached, the system is turned off automatically with the aid of a thermostat.

A dry and healthy room environment is therefore guaranteed, even when you are away for a long time.

TWINSOLAR compact is completely self-sufficient and does not need a power connection.

## **TWINSOLAR compact**

**Simple, effective  
and mounted in the blink of an eye!**

**For you:**

TWINSOLAR supplies warm, clean air.

**For your health:**

TWINSOLAR creates a pleasant, healthy home environment.

**For your home:**

TWINSOLAR heats and ventilates your home and reliably protects it from damage due to humidity.

**For the environment:**

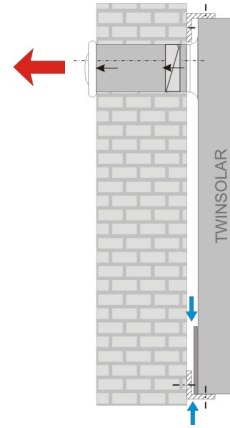
TWINSOLAR produces environmentally friendly solar thermal energy all year round and saves on heating costs.

**For the future:**

TWINSOLAR operates using only the sun and guarantees many years of practically maintenance-free operation.

### **Made in Germany**

**The high-quality materials and processing guarantee a long-lasting collector system with lasting high yields!**



## **Solar-powered ventilation: simple and effective**

TWINSOLAR compact 2.0 delivers up to 125 m<sup>3</sup> per hour of warm, clean air into the room – and not only when the sun is beaming down. The system runs reliably even in cloudy conditions.

Apart from a filter change once to twice a year, the collectors operate without maintenance and with absolutely no operating costs.

