



# SOLATUBE®

DAYLIGHTING SYSTEMS



## Installation Instruction

Solatube Ø 25 cm  
Flat roof ventilation system

*Enjoy daylight*

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## Version

21-08-2020

## Safety Information

- Always observe the safety instructions for the materials and tools to be used.
- Always wear the appropriate personal protective equipment (gloves, safety goggles etc.)
- We would suggest that any roof works is completed by an experienced roofer.
- Always have any electrical works carried out by a certified electrician.
- Please note that the installation works is carried out at your own risk.

**Guarantee**

Non-electrical Solatube® components are covered by a 10 year manufacturer's warranty against any manufacturing defects. Please retain the original proof of purchase to validate the product warranty. Any costs associated to the installation of any replacement parts covered under the warranty remain at the expense of the purchaser. Our terms and conditions are available upon request.

**Disclaimer**

Techcomlight Limited expressly disclaims any liability for any unexpected additional expense arising as a result of condensation or any water damage resulting from condensation, installation not in accordance with Techcomlight Limited's installation guide/s or any other external influences beyond the control of Techcomlight Limited. Techcomlight cannot be held liable for damage to structures caused as a result of making openings and installing Solatube® systems. Techcomlight assumes no responsibility or obligation for the failure of an architect, contractor, installer or building owner to comply with all applicable laws, ordinances, building codes, energy codes, fire and safety codes and requirements, and adequate safety measures.

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## 1. Product Overview



### 1.1 Parts

- 1. Multivent ventilation pipe
- 2. Multivent hybrid fan
- 3. Ventilation ducting
- 4. Airtight sleeve
- 5. Screw tabs

- 6. 2 x hose clamps
- 7. Flat roof ventilation flashing
- 8. Ventilation grille

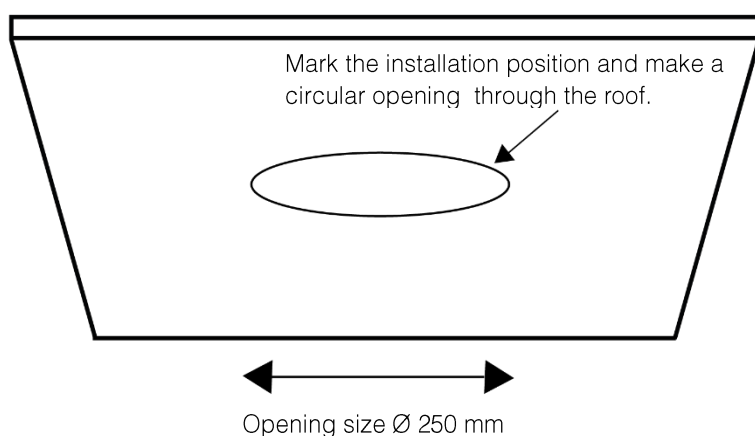
## 2. Installation Steps

### 2.1 Step 1 – Flat roof flashing

Determine where you want to install the ventilation system from the inside and mark the position through the roof.

**Note:** Consider the roof construction and any electrical wires or pipes which may be hidden within the roof void.

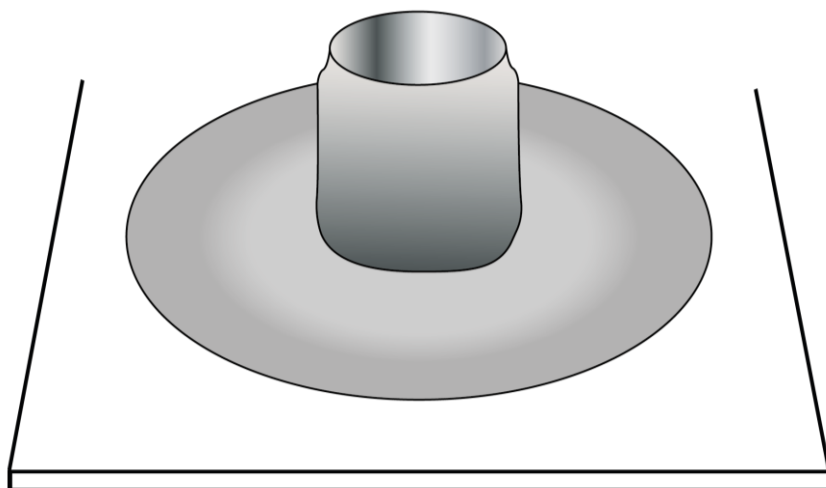
Create a circular opening with a diameter of between 250 mm through the roof construction.



### 2.2 Step 2 – Fit the flat roof ventilation flashing

**Note:** It may be necessary to degrease the flashing prior to installation.

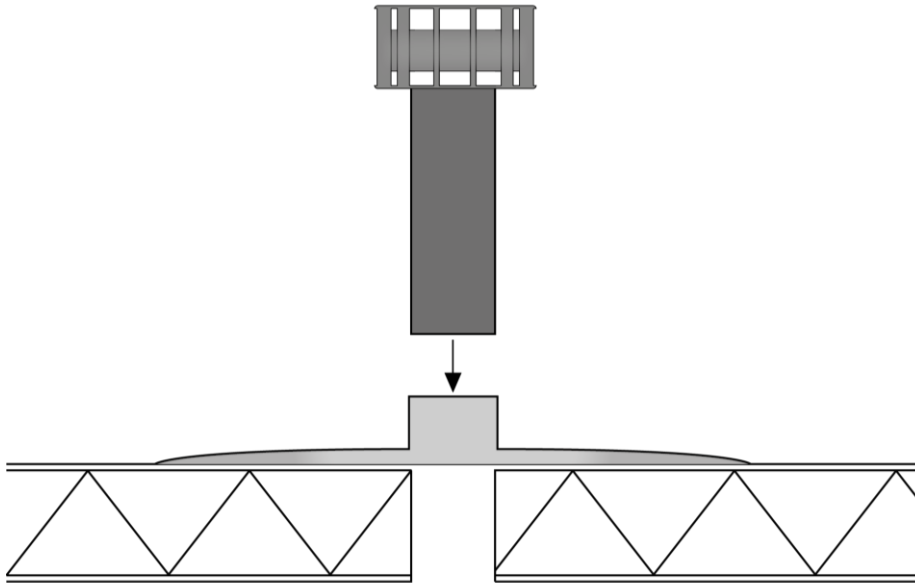
Centre the roof flashing over the opening created in the roof and secure the flashing down with suitable screws (not supplied). Apply the appropriate roofing material over the flange of the flashing, ensuring a watertight seal.



### 2.3 Step 3 – Fit the ventilation pipe

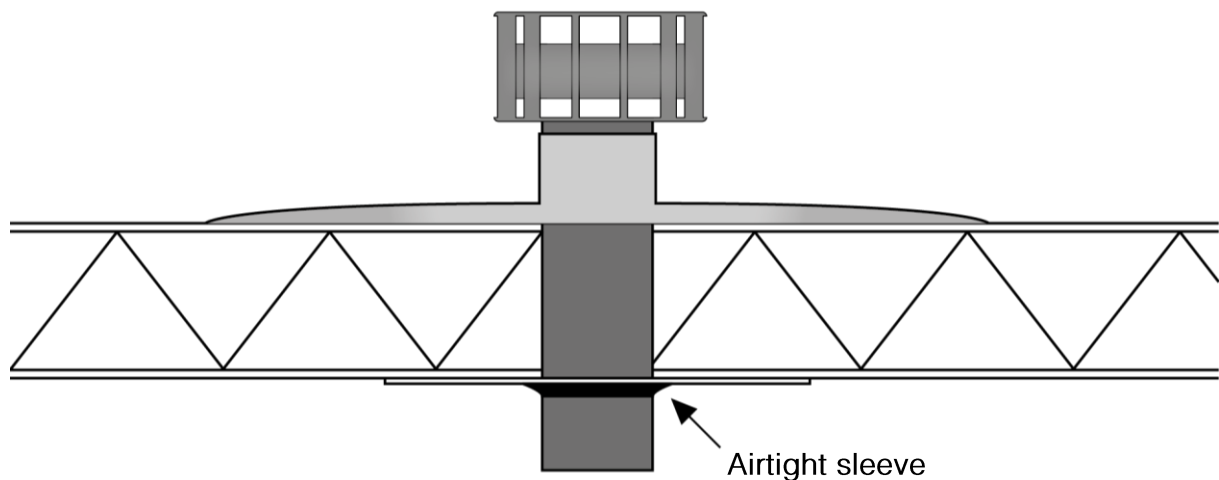
Carefully slide the ventilation pipe down through the roof flashing.

**Tip:** The ventilation pipe can be shortened if necessary.



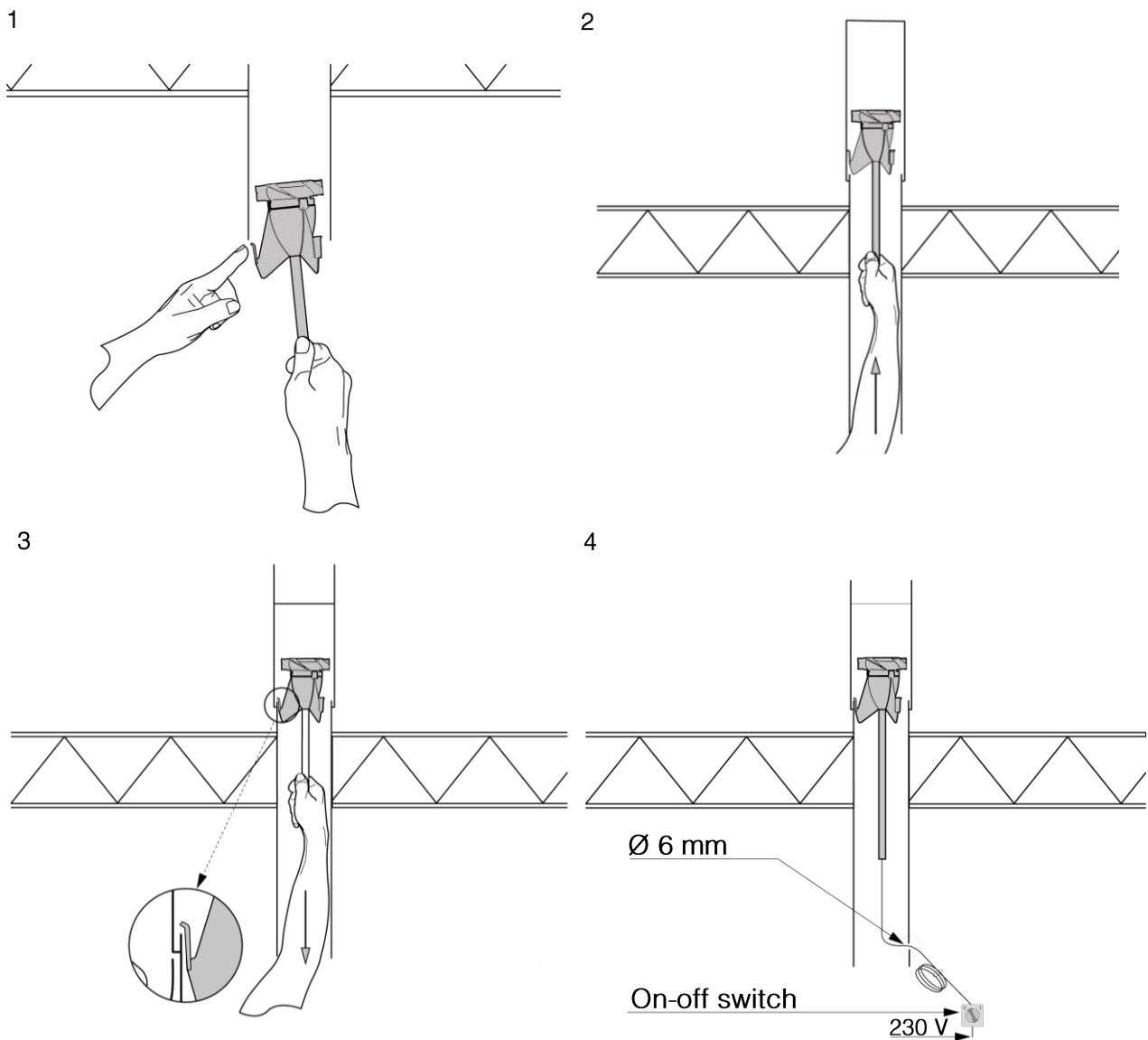
### 2.4 Step 4 – Install the airtight sleeve

Install the airtight sleeve over the pipe tight up against the underside of the roof to create an airtight seal as shown below.



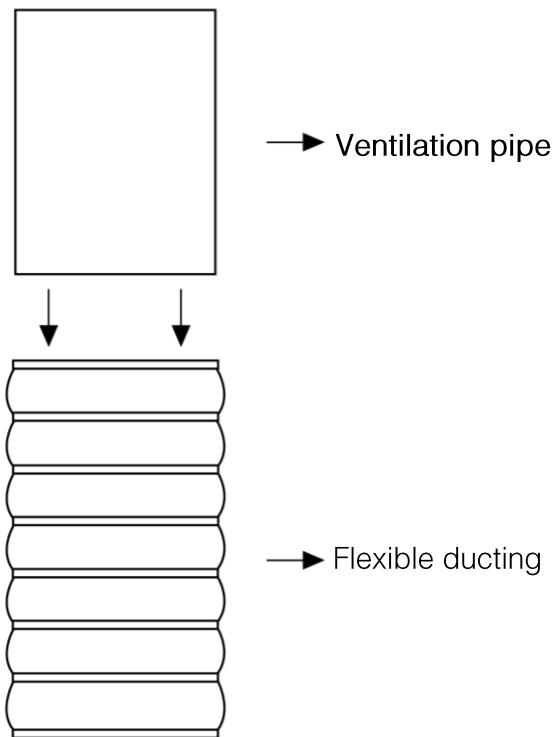
## 2.5 Step 5 – Fit the fan motor unit

Carefully push the fan motor unit up through the ventilation pipe until it locates into place as shown below.



## 2.6 Step 6 – Connect flexible ducting

Fit the end of the flexible ducting over the end of the ventilation pipe.

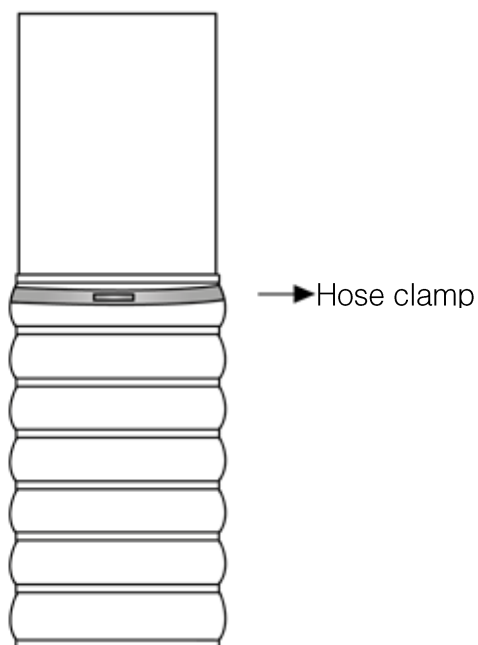


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## 2.7 Step 7 – Fit a hose clamp

Secure the flexible ducting onto the end of the ventilation pipe with one of the hose clamps supplied.

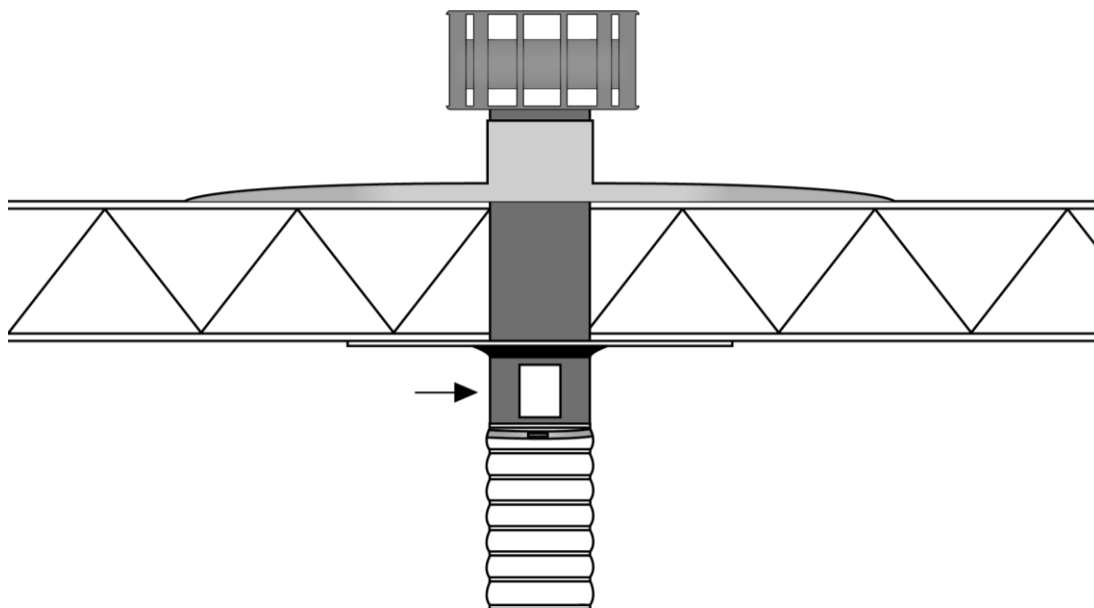
**Note:** A hose clamp will need to be fitted at the top and bottom of the flexible ducting to secure it into place.





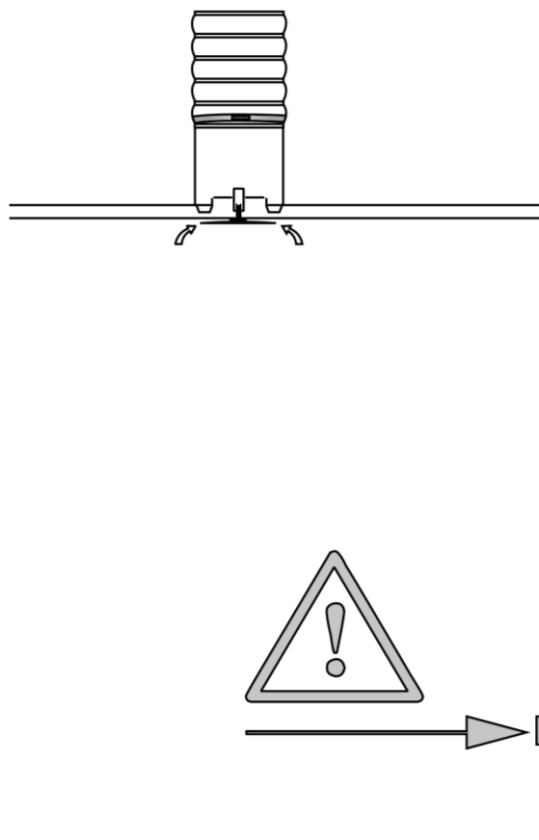
### 2.8 Step 8 – Apply the maintenance sticker

Stick the supplied maintenance instruction sticker onto the ventilation pipe.



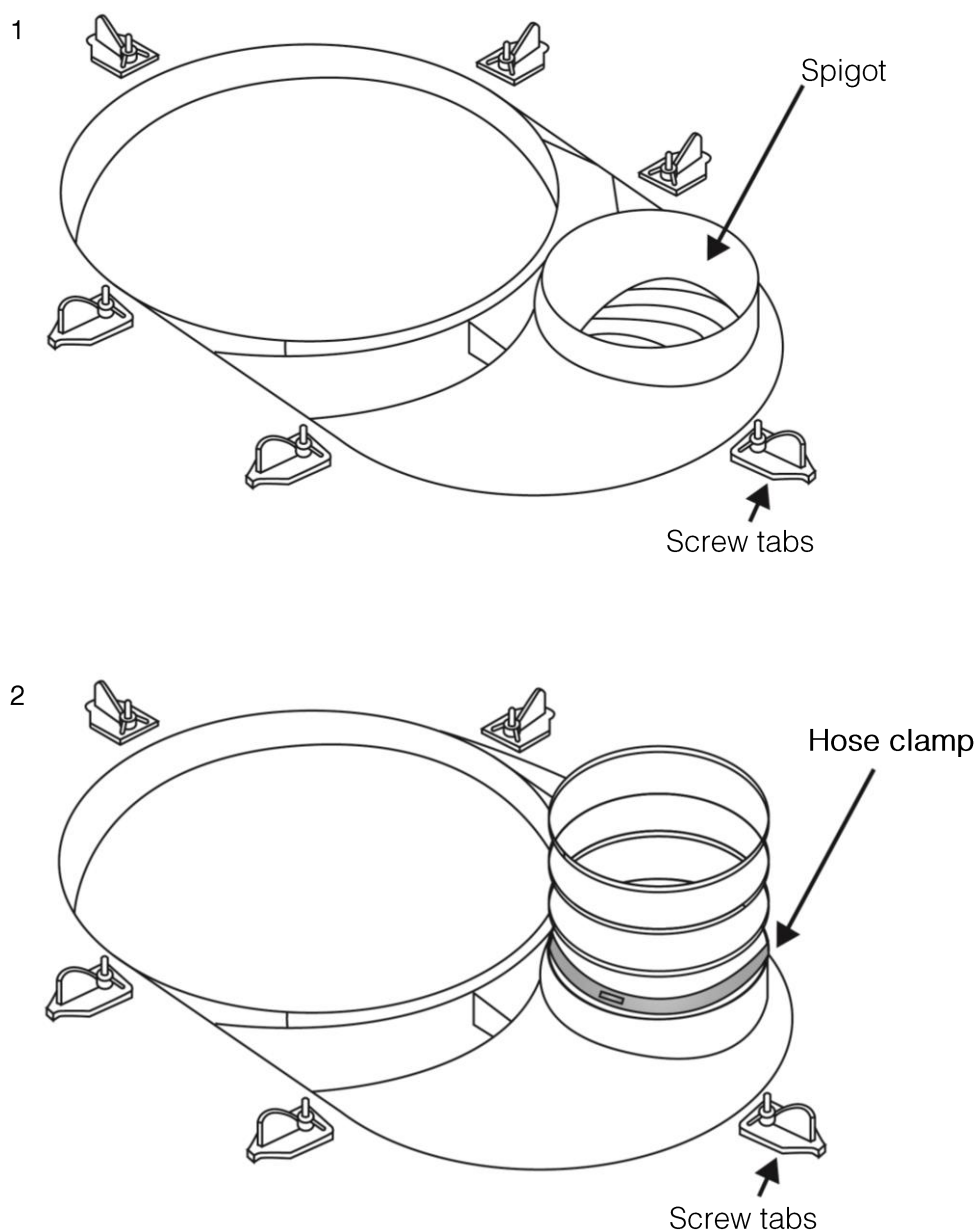
### 2.9 Step 9 – Switch installation

Ensure that the switch for the ventilation system is a separate switch.



**2.10 Step 10 – Install the ceiling ventilation grille**

Install the ventilation grille into the ceiling opening with the ceiling screws, using the screw tabs for reinforcement. Connect the bottom end of the flexible ducting to the spigot on the back of the grille and secure it in place with the remaining hose clamp.



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**This completes the installation of your ventilation system.**

