Introducing the SOLARLUX Glass Room at John Lewis

About

Based in Bissendorf, Lower Saxony, Germany, Solarux was founded in 1983 and is now considered the market leader for folding glass doors and glass structures. Company founder and owner Herbert Holtgreife places the highest demands on his products in terms of design, quality and energy efficiency standards, with international architects and designers globally recognising the Solarlux brand.

By choosing a Solarlux product, you are ensuring ongoing support for the entire duration of the project. You will be assigned your own personal advisor, who will assist you in all project related matters. We will handle all deadlines and queries directly with you, so there are no disruptive idle times due to coordination problems or misunderstandings with third parties.

The next steps...

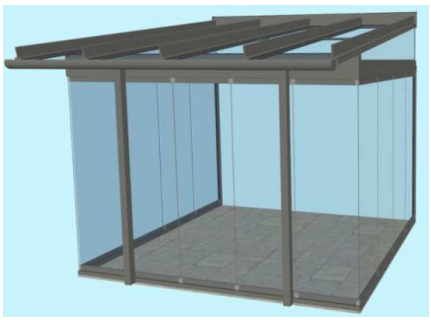
- Glass rooms
- Product dimensions
- Accessories
- Preparation
- Base
- Installation
- Maintenance.

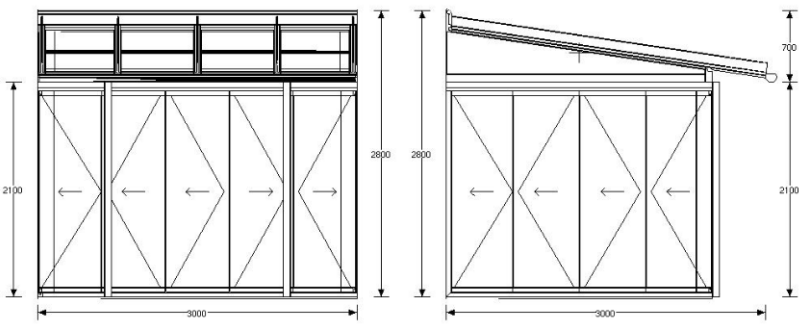
Glass rooms

Glass rooms are designed as non-thermally broken structures or cold rooms, meaning they heat up in the summer and cool down in the winter and are not energy efficient. They are, for want of a better description, an extension of your garden. A SOLARLUX glass room protects you from the elements, such as wind and rain, and allows you to enjoy being outside in your garden for longer throughout the year. In the spring and autumn, when the sun is out but the air outside is cooler, the glass room will naturally warm up through a process known as solar gain. If it is chilly, switching on the HeatScope will bring the room back up to temperature. In the summer, the whole patio area can be opened up by sliding and turning the glass facades so you can enjoy the warm summer breeze as you rest comfortably in the shade of your awning. However you choose to use your SOLARLUX glass room, one thing is sure - you are guaranteed to enjoy more time outside relaxing, entertaining or just admiring all the hard work you have put into your garden.

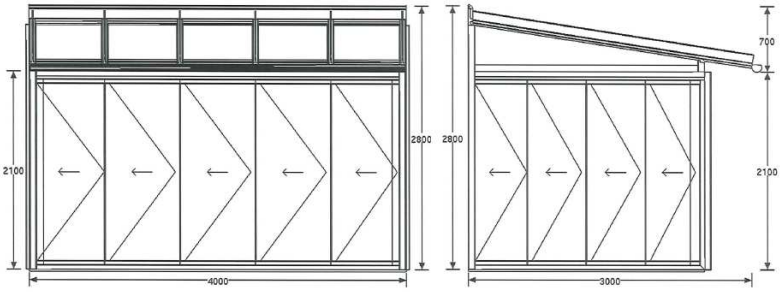
Product dimensions

- **Glass Room System 1**: 3,000mm wide x 3,000mm deep x 2,800mm high (rear wall plate) 2,100mm high (front eaves beam).





- **Glass Room System 2**: 4,000mm wide x 3,000mm deep x 2,800mm high (rear wall plate) 2,100mm high (front eaves beam).



Accessories

We have carefully selected two additional products that we feel would improve your enjoyment of your glass room even further:

- 2.4kW or 3.2kW HeatScope infrared heaters are designed to be aesthetically pleasing whilst raising the overall temperature of your glass room, without the harsh red glow of a more traditional electric element.
- Electric internal awnings in a contrasting white material give shade from strong sunlight or improve privacy. The wow factor goes without saying!

Preperation

The glass room attaches to a wall structure and you must take into account the following:

- Check with your local authority whether you require planning permission before commencement of installation
- If the installation is within 6 miles of the coast then the glass room will require an additional pre-anodising treatment.
- Access for a large van/delivery vehicle
- Direct site access must have a minimum of 1,000mm wide x 2,000mm high and be no more than 30 metres from the delivery vehicle to the installation area
- Safe storage area
- Ground level installation only - if different, please advise
- Access to electric power will be required during installation
- 600mm maintenance access either side of the glass room needed
- No obstructions in the location of the glass room, i.e. drainpipes, ventilation ducts, soil stacks, wires, cables, grids, etc
- Proposed wall is suitable and in excellent state of repair
- Location of the glass room does not obstruct or impede doorways, windows, gates or general access
- Consideration must also be given to the finished floor levels between the main house and the glass room - your builder will be able to advise further
- Thought must also be given to rainwater drainage - a soakaway area for the rain chain should be agreed with your builder
- Electrical points are situated in the correct area, as lighting bars are included in the structure - for the **HeatScope** infrared heater and **awning**, additional electrical points, such as switches, need to be carefully considered with your electrician.

The pictures below highlight a clear area in preparation for a glass room.

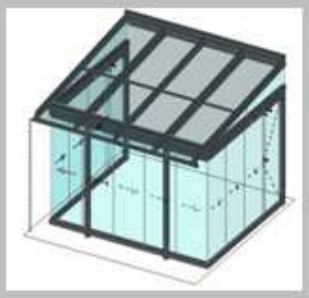
Base

We recommend that you use the services of a reputable builder to ensure that the depth of the foundations is correct whilst allowing for your specific ground conditions. Access to drains may also need to be considered. The table below indicates the weight of each glass room. The base should be a minimum of 150mm bigger all around than the dimensions of the glass room floor track. For the soakaway chain drain, preparation is required by the builder.

John Lewis

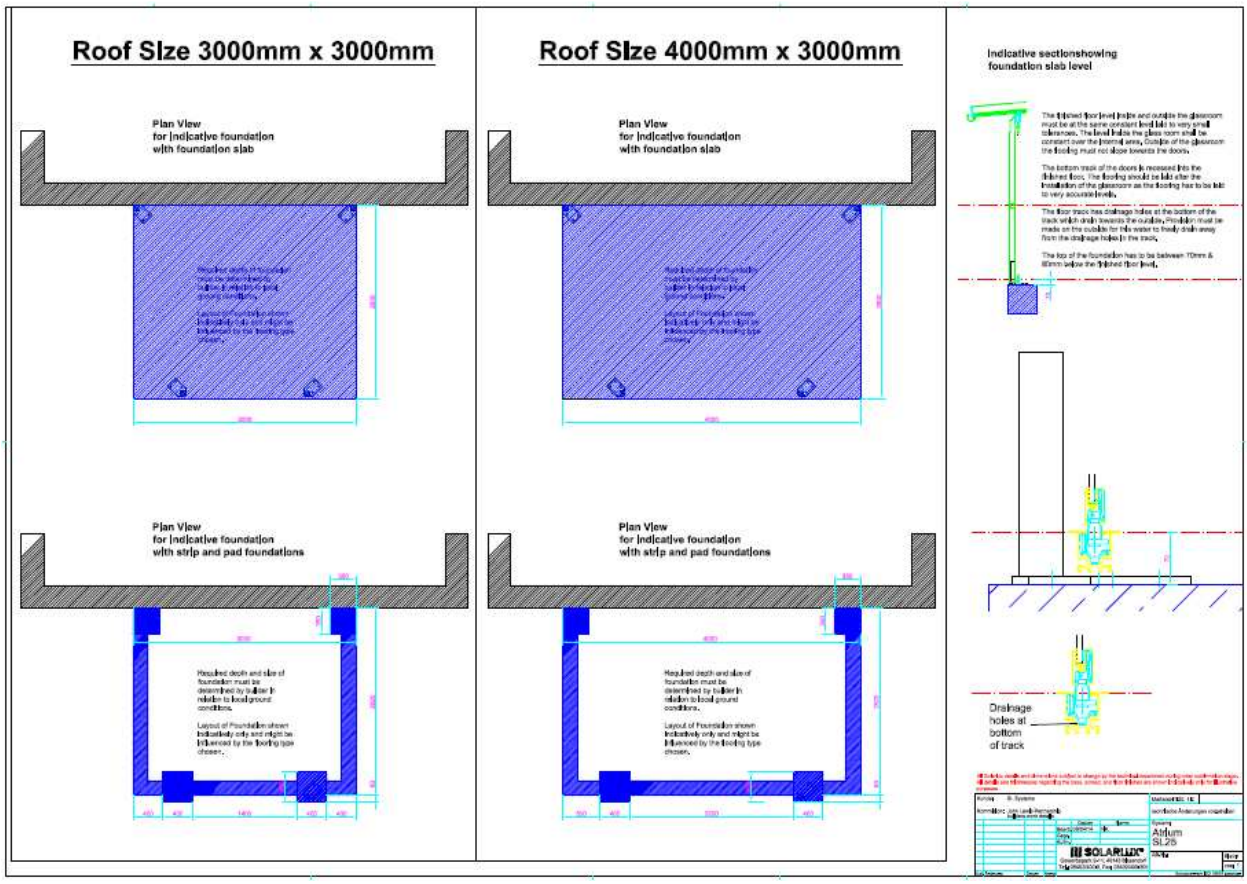
SOLARLUX®

John Lewis & Solairlux Glass Room System



Reference	Glass Room 1	Glass Room 2
Roof Dimensions Width x Depth	3000x3000	4000x3000
Height, rear wall connection plate	2800	2800
RooF System W/OH (With Overhang)	Atrium W/OH	Atrium W/OH
Door System	SL25	SL25
Weight of Glass Room, KG's	1,462	1,843

- ***Please see our separate PDF document Builder's Information Sheet for more details.***



Installation

Installation will be undertaken by SOLARLUX and our customer services team will liaise with you on a regular basis to check that your requested installation date is on track and all preparations have been completed by you. During the installation process, we will require:

- Access for a large delivery vehicle - if you have restricted access, please advise us prior to delivery
- Direct site access must be a minimum of 1,000mm wide x 2,000mm high and be no more than 30 metres from the delivery vehicle to the installation area
- Safe storage area
- Ground level installation only - if different, please advise
- Access to electric power will be required during installation
- Allow a minimum of 1,000mm maintenance access either side of the glass room
- You or your representative will need to attend a handover, including a demonstration of the system, correct operation and sign off once the installation is completed.

Maintenance

- Please see our separate PDF document Glass Room Aftercare for more details.