



# SKYROOM

THE NEXT GENERATION  
OF ORANGERY DESIGN

**ATLAS**

MORE SKY LESS ROOF™



# SKYROOM

## INTRODUCING THE NEXT GENERATION IN ORANGERY CONSTRUCTION

Designed to the exceptionally high standards you would expect from an Atlas product, the Skyroom combines ultra-slim technology with visible elegance, outstanding strength and industry leading thermal performance. Through engineering excellence, intelligent detailing and the signature aesthetics of an Atlas roof, the Skyroom is one of the **finest contemporary looking products available on the market.**

### ULTRA-SLIM APPEARANCE

From the outside, the Atlas Skyroom is a world apart from the chunky, fussy roofs you may be used to seeing. The discreet slim and low level external capping provides the subtle and stylish external appearance every home owner desires.

By keeping **external sightlines low and unobtrusive**, Atlas ensures that even a large glazed roof structure blends perfectly into your existing home.

### A TRULY ADVANCED DESIGN

The Skyroom cleverly bridges the gap between an economically priced conservatory and a high-end orangery and is at the height of innovative design.

The fully aluminium system is thermally broken and can be powder coated to a colour of your choice.





# VISIBLE EXTERNAL ELEGANCE



## INTELLIGENT DETAILING

The key external feature of any orangerie is the external cornice (top fascia). The architecturally engineered **300mm high external fascia** is a statement of luxury and elegance, giving a full orangerie appearance.

## ADMIRE YOUR SKYROOM FROM ABOVE

The experienced engineers at Atlas have added a **black film** to the low level roof glass to conceal the inside of the internal pelmet, when viewed from above or an upstairs window. The purpose designed glazing film is on the inside face of the glass and is tastefully obscured from view at eye level by the external fascia cornice.\*

\*Dependent on internal pelmet depth



# THE LIGHT OF A CONSERVATORY

The Skyroom boasts the signature credentials of an Atlas roof – subtle roof frame with large expanses of glass. Its unique design combines the clean sharp lines of the Atlas conservatory with the features of the classic orangery.

The **super slim** 40mm internal ridge and rafter sections create a sleek look, whilst maximizing the use of light and space within your home.

## APPEARANCE OF A REAL ORANGERY

Much like a traditionally built orangery, the Skyroom's industry leading design has the appearance of a real lantern roof set within a solid roof. This illusion is created using a **'raised ringbeam'** between the top of the internal pelmet and the roof, helping to create a perfect finish to the room's décor.



**NO BOSS OR HOODS**





70%  
SLIMMER  
RIDGE

## THE LOOK OF AN ORANGERY



### LESS IS DEFINITELY MORE

Unlike any other roof, an Atlas Skyroom has no unsightly rod tie bars or low supports cluttering the roof. The supports guarantee excellent headroom and no intrusion into the room – even in large rooms. This, combined with the technology **eliminating the need for boss or hoods** overpowering the ridge, really does give MORE SKY LESS ROOF™.

The unique Atlas system design is created using slim, elegant roof material. Compared to conventional roofs, the Atlas internal ridge width is 70% slimmer and the roof structure is up to 33% stronger.





## CREATING INTERNAL STYLE AND ELEGANCE

“

THE **BEST**  
**VIEW** YOU CAN  
IMAGINE IS  
EXACTLY WHAT  
YOU'LL GET.

”







**MORE SKY**  
**LESS ROOF™**



## REALISTIC FEATURES

An orangery has a number of features which make it more luxurious than a traditional conservatory. The key to the Skyroom's realistic internal look of an orangery is the solid variable depth pelmet. This custom designed internal pelmet instantly changes the appearance of the room, and with spotlights added you can create the perfect evening lighting.



# TRANSFORM YOUR HOME



Whether building a new living space or upgrading an existing conservatory, the Skyroom will transform your home like no other. Due to its superior thermal performance, the Skyroom can be comfortably used 24 hours a day, in all seasons.









# THE UK'S BEST PERFORMING ROOF

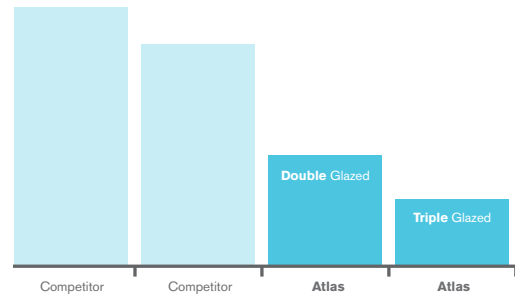
**0.95w/m<sup>2</sup>k**  
RAFTER U VALUE



Independent tests show that the Atlas roof frame is the most thermally efficient in the UK domestic conservatory market.

A U Value is the measure of heat loss from a building structure. A high U Value means thermal insulation is poor whilst a low U Value indicates a good thermal insulation.

The Atlas roof rafter has a U Value of 1.5 which is **twice as thermally efficient** as its nearest competitor. When triple glazed the roof rafter achieves a U value of 0.95. The overall Atlas roof can have a U Value as low as 1.0 dependent on size and style.



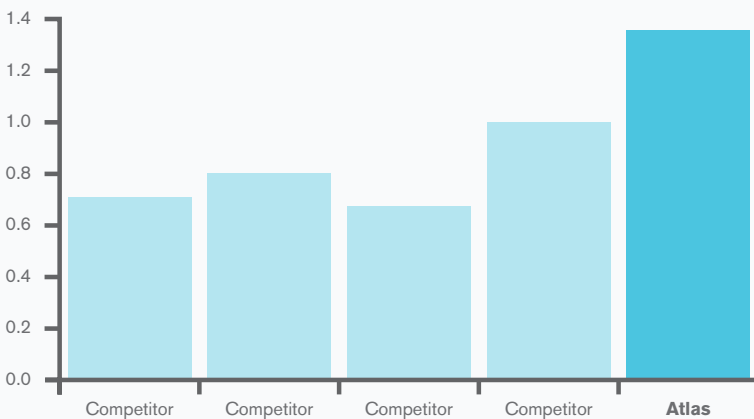
\*Based on triple glazed option.

## SUPREME THERMAL PERFORMANCE

### INDEPENDENT TESTS

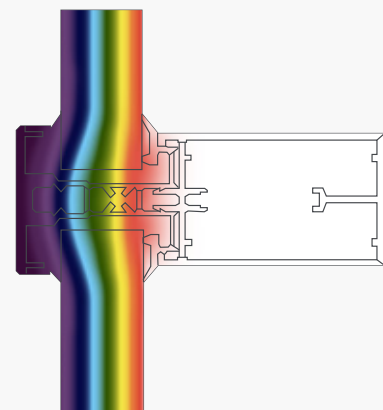
Independent tests show that the Atlas roof is the strongest glazed roofing available in the UK domestic conservatory market. Atlas roofs have been tested to withstand **33% greater live loads** (wind/snow) than other roof manufacturers.

**Kn/m<sup>2</sup>** (Wind and Snowloading Values)



### WARMER IN WINTER COOLER IN SUMMER

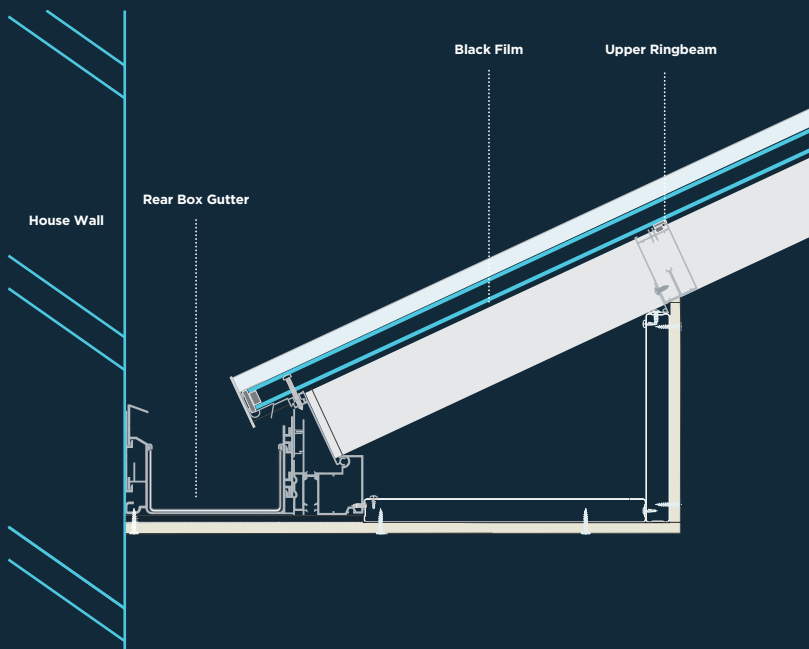
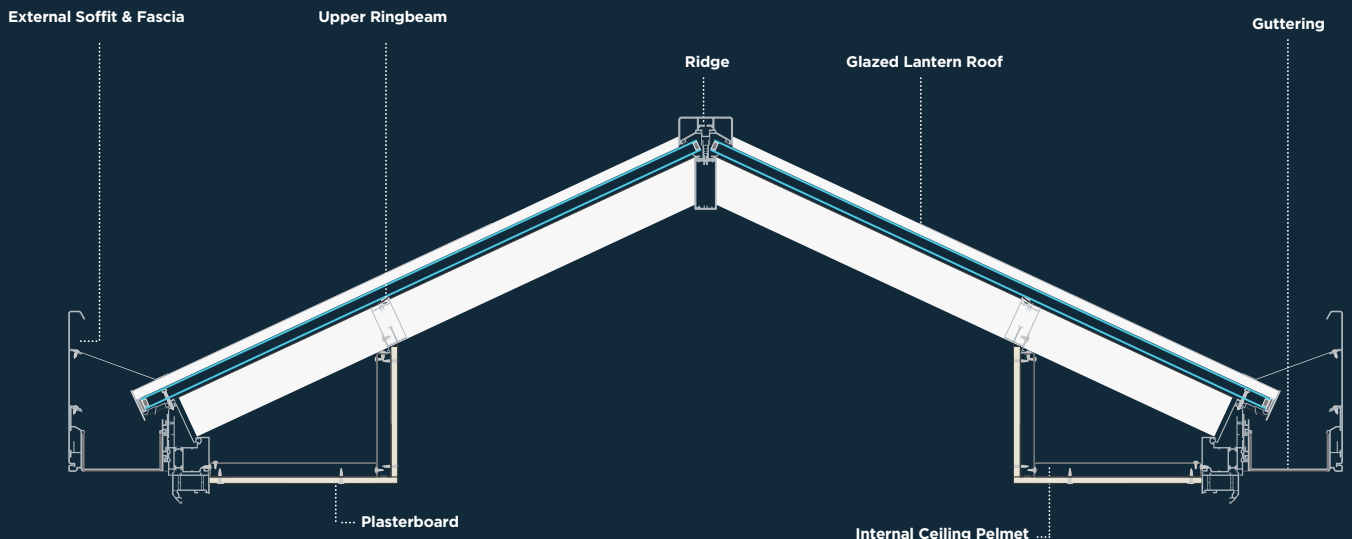
This heat chart demonstrates the superior thermal efficiency of an Atlas roof rafter. When temperatures are cold outside, the Atlas roof retains the heat.



0.4° 2.6° 4.9° 7.2° 9.4° 11.7° 14.0° 16.3° 18.5° C



# SKYROOM STRUCTURE



## KEY BENEFITS OF THE SKYROOM

- Fully thermally broken aluminium roof system
- Minimalist modern design with sharp sightlines
- Ultra low sightlines externally
- No bulky hood covers
- Solar control black film to hide internal pelmet
- Hidden tie bars/box tie bars
- Internal pelmet for spotlights
- Unique box section rafter and fascia
- No structural steel or timber roof beams required
- Reinforced ringbeam for bi-folding doors
- Contemporary mock orangery appearance
- Bevelled or flat external caps available
- All Atlas ultra-slim aluminium roof sections are powder coated to a RAL colour of your choice and are guaranteed to last.

Section drawings are for illustration only

## UNIQUE GLAZING SYSTEM







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