



# MORE SKY LESS ROOF™

VISIBLE ELEGANCE  
SUPREME PERFORMANCE

**ATLAS**  
Aluminium



# THE BEST LOOKING ROOFLIGHTS & LANTERNS



Join a rapidly growing number of homeowners across the UK enjoying the beauty, elegance and performance of Atlas Roofing Solutions every day.

## The Ultimate Slim Roof Lantern

Atlas roofs are leading the way in rooflight, lantern and orangery design, giving you the ultimate and unrivalled view from your home and extension with supreme aerial views. This combined with its industry-leading thermal performance ensures you can use your conservatory/orangery/extension 365 days a year.

“

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

”



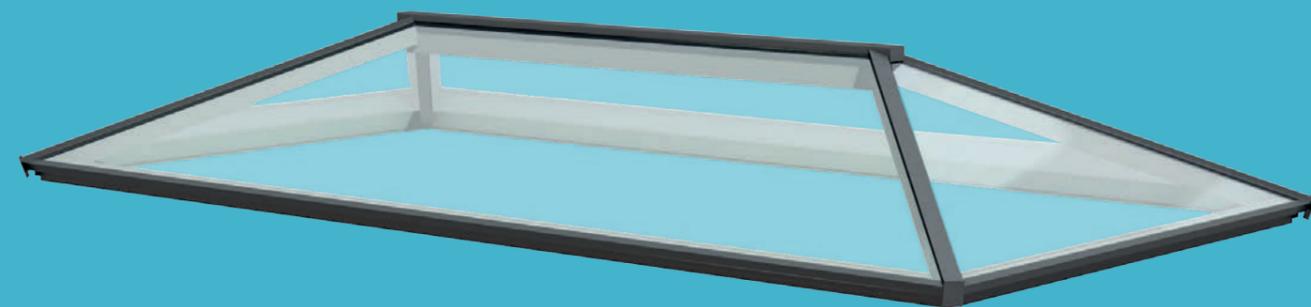
# THINNER STRONGER LIGHTER

## Less is definitely more

No clunky bars or supports cluttering the ridge. No thick, chunky profiles dominating the glazing.

Atlas' unique system design is pure engineering magic. Super strong, light, 40mm aluminium frame rafters create slim, elegant roof profiles with excellent thermal performance. Compared to conventional roofs sold by competitors, Atlas slashes the visible width and sight lines of rafters by **30%** and the main internal feature ridge by **70%**.

This unique design creates a feeling of more sky – less roof™ giving you visible elegance to your roof design and appearance, whether you choose an all aluminium structure or PVCu capping – less is definitely more.



# VISIBLE INTERNAL ELEGANCE



The slim thermally broken aluminium rafter sections have a sleek appearance that brings a stylish ambience and modern finish, while maximising the use of light and space within your home.

# SUBTLE & STYLISH

## Low Sight Lines Externally

From the outside, Atlas' discreet design for rafter external caps and sleek ridge are a world apart from the chunky conventional T-bar caps and ridges used by competitors

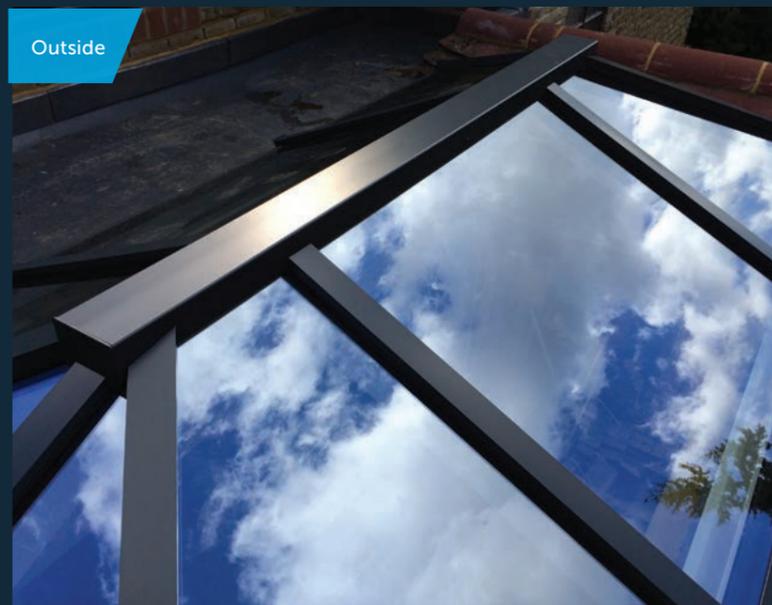
## Quality Finish

By keeping sight lines low and unobtrusive, Atlas ensures even a large glazed roof structure won't over dominate a plot.

All aluminium exterior coloured profiles are quality finished with powder coat paint, which is guaranteed to last. Dual coloured roofs are also available as the exterior colour can be easily changed to achieve the exterior look you desire.



# UNRIVALLED AERIAL VIEWS



Atlas have combined good looks, outstanding strength and intelligent detailing, to create one of the finest looking products available for conservatory and orangery installations.

The versatility of the aluminium rafters and creative design solutions have removed the requirements for outdated bulky hood covers on lantern roofs and Edwardians.

## Key Benefits

- The UK's most thermal efficient aluminium roof system\*
- The UK's strongest roof system\*
- Minimalist modern design with ultra-low sight lines
- Ideal for orangeries and lantern roofs
- Clean low sight lines externally
- Choice of PVCu or aluminium external caps
- Bevelled or flat external caps to suit building design
- Available in all RAL colours

\*Independent tests show that Atlas offers the best strength and performance in the UK domestic conservatory market (excluding the addition of bolster bars).

## COMPETITOR ROOF



70%  
SLIMMER

Competitor  
60mm  
Atlas  
40mm  
INTERNAL  
RAFTER  
COMPARISON

40mm

Clean sight lines internally  
and low sight lines  
externally More sky!

NO  
CHUNKY  
COVERS

INTERNAL  
RIDGE  
SLIMNESS  
Competitor  
150mm  
Atlas  
40mm

TAKE A  
CLOSER  
LOOK

## Sharp lines inside and low sight lines outside

MORE SKY – LESS ROOF™. Whether you're inside looking up, or outside looking enviously in, an Atlas roof puts any property in a class of its own. Step under an Atlas roof and prepare to be amazed. The glass panes simply seem to float in the sky. The clean, sharp lines with minimal intrusion are possible thanks to the super slim 40mm frame. Unless it's a Victorian style, there's even no need for a boss or hood.



# SMARTER DESIGN

HIDDEN TIE BAR

RAFTER TIE BAR

NO TIE BAR

INTERIOR

EXTERIOR



**Discreet tie bars for extra structural rigidity, without detracting from the sense of light and space.**

Three Atlas roof construction options provide the perfect roof for any property or scheme.

Most competitors insist on a rod tie bar at eaves beam level, but not Atlas. A choice of a hidden or rafter tie bar provides the ultimate luxury and flexibility to create the roof you want.

# MAXIMUM IMPACT MINIMAL INTRUSION

## Unrivalled Strength

Extra strong rafters mean the tie bars can be set higher, guaranteeing excellent headroom and no intrusion into the living area. Even in large buildings the roof structure remains remarkably minimal, creating a sense of clear, free space under the eaves.

Increased roof strength means the design aesthetics and clear sight lines achievable using the slim Atlas profiles remains unmatched by any other manufacturer, creating a roof that can suit any dwelling.

# CONTEMPORARY OR TRADITIONAL FEATURES

For a modern finish, flat roof rafter caps are available in PVCu or aluminium. Bevelled external caps create a more traditional look.



An example of a typical competitor's profile.

**1. Aluminium Rafter Flat Cap**  
(example colour RAL 7016 Anthracite Grey)



**2. Aluminium Rafter Decorative Cap**  
(example colour RAL 9005 Black)



**3. Option 1 & 2 are available in all aluminium RAL colours as well as PVCu options (example shows White PVCu)**



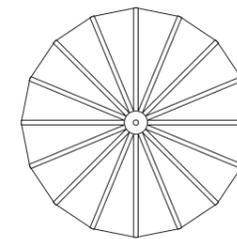
# INNOVATION MEETS ARCHITECTURAL DESIGN

The innovative versatility of an Atlas roof allows you to design a stylish roof to fit perfectly with your home.

Talk to your retailer about the best option for your installation.



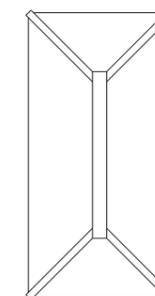
**CIRCULAR**



Maximum size = 4800mm



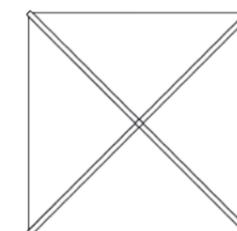
**CONTEMPORARY**



Maximum size = 1500mm x 3000mm



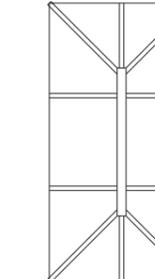
**SQUARE**



Maximum size Contemporary Square lantern as per line drawing above = 2000mm x 2000mm. The Regular Square lantern can go up to larger sizes with additional rafters.



**REGULAR**



Maximum size Regular lantern as per this rafter layout 3000mm x 4000mm – can go up to 5000mm x 10000mm with additional rafters.



**FLAT ROOFLIGHT**



Maximum size 1200mm x 2500mm, 1400mm x 2000mm and 1000mm x 3000mm

Talk to your retailer about larger sizes.

## Over 200 long-lasting colours

Perhaps the most significant benefit for aluminium conservatories when compared with PVCu is the vast colour choice. Aluminium can be coated in any RAL colour using the most up-to-date powder coating processes. This ensures a much tougher finish than conventional spray painting used on timber or PVCu, whilst all powder coated components are colour guaranteed for ten years.



# COOLER IN SUMMER WARMER IN WINTER

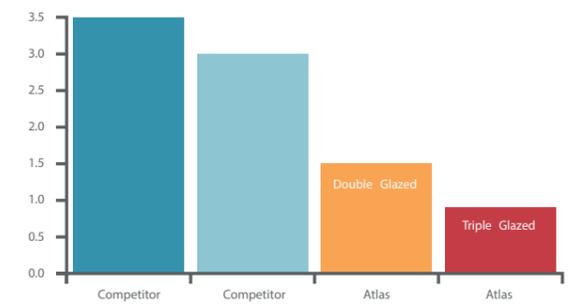
**Why compromise excellent double or triple glazing performance? Choose the best insulated rafters in the industry with Atlas roof profile\*.**

The Atlas rafter is twice as thermally efficient as its nearest competitor. Upgrade to triple glazing to be 3 times as efficient. Overall U Value can be as low as 0.7 when triple glazed or 1.2 when double glazed.

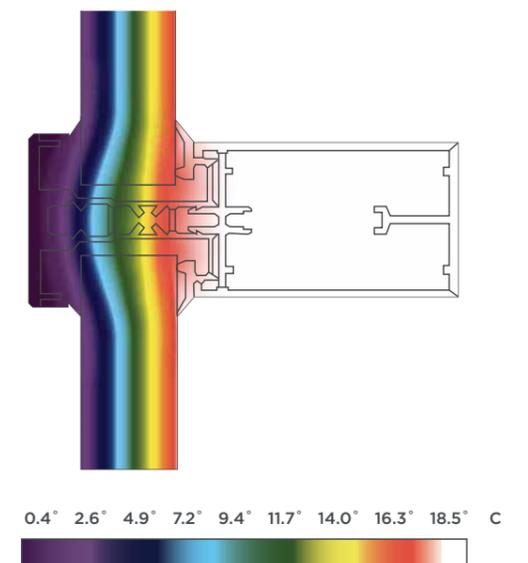
Units incorporate argon gas, a safe and inert gas that improves insulation, and warm edge spacer bar technology that reduces 'cold spots' and condensation, avoiding formation of unsightly mould while improving thermal insulation.

A combination of low emissivity inner glass and argon gas filling means the Atlas solar control glass gives twice the insulation of ordinary double glazing, which reduces energy costs and keeps your conservatory warmer in winter.

## Twice as Efficient



## Superior Thermal Performance



## Choose an Atlas Roof and Benefit From Supreme Strength:

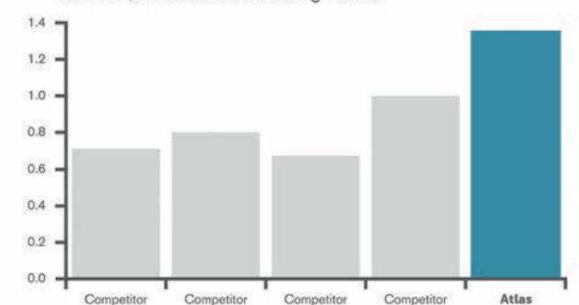
- Ability to withstand 33% greater 'live loads' such as snow or wind than other roofs
- Larger span roofs are reinforced internally meaning no unsightly 'bolster bars'
- Peace of mind with the investment in a roof you can admire for many years

## Key Benefits

With thermal insulation performance that's twice as good as the competition, you can enjoy:

- Comfortable, year-round room use
- Reduced risk of condensation
- Lower heating and air conditioning bills

**Kn/m2 (Wind and Snowloading Values)**



*\*Independent tests show that Atlas offers the best thermal and strength performance available in the UK domestic conservatory market.*

# MORE SKY LESS ROOF™



**We can create anything you desire  
with the versatile Atlas roof.**

The combination of good design and precision engineering means that Atlas roofs can be fitted in almost every conceivable setting.



# IT'S ALL IN THE DETAIL

## ROOF VENTS

### Designed to Integrate.

Single bay roof vents have been designed to match the roof's slim appearance and are ideally positioned for ventilation.

To retain thermal efficiency and reduce condensation, Atlas roof vents are made up of an aluminium outer frame and PVCu inner frame as standard.

A fully aluminium roof vent is also available.

Double roof vents are more commonly seen on older traditional conservatories. The roof vent is capable of spanning up to 1600mm wide.

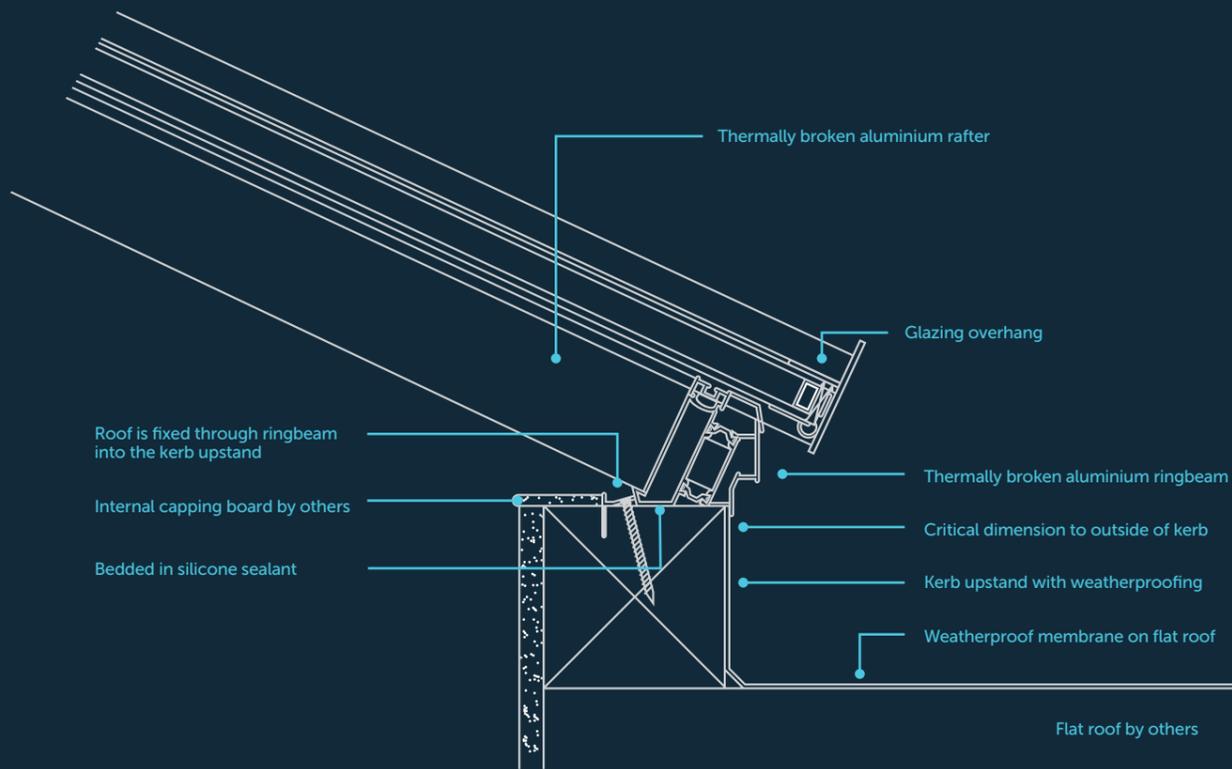
Choose either a manual or electronic opening roof vent.



Aluminium Roof Vent



PVCu Roof Vent



# GLASS

## Making your room an all-year-round living space

As standard, your Atlas roof glass will be specified to combine heat reflection and thermal insulation with reduced rainfall and traffic noise.

Low-E and Solar control combination coating, with an argon filled cavity, controls the amount of visible light, UV and heat that passes through the glazed unit. Destructive UV rays are reduced by up to 91%, thus offering protection for furniture and fabrics from sun damage.

With self-cleaning technology as standard, your glass will require less maintenance.

### Solar control glass

This intelligent glass reflects over 54% of the sun's solar energy, so your new conservatory won't become unbearably hot in summer. Solar glare is reduced too, creating a beautifully ambient environment.

A combination of low emissivity inner glass and argon gas filling means the Atlas solar control glass gives twice the insulation of ordinary double glazing, which reduces energy costs and keeps your conservatory warmer in winter.

Available in neutral, blue and green.

### Self-cleaning glass

You'll appreciate the special self-clean coating with a microscopic film which helps daylight and rainwater break-down and wash away dirt and grime.

The self-cleaning technology uses both rain and UV light from the sun to efficiently combat dirt and grime that accumulates on the outside of the window. Therefore resulting in the need for manual cleaning being significantly reduced, providing the ideal solution to cleaning those hard to reach or dangerous areas, leaving you with more time to relax and enjoy your conservatory.

## Sunshield Blue

### The ultimate in performance glass

Sunshield Blue brings the best performance glazing you can get for your roof. With its blue tint and premium abilities, Sunshield Blue is our ultimate performance glazing.

## Technical Specification

### High technology solutions for today's roofs

All Atlas roof double glazed units incorporate toughened safety glass and are manufactured to the highest British and European Standards, accredited to BS EN 1279 parts 2 & 3 and BS EN 12150.

	Sunshield Blue Double Glazing	Blue Solar Triple Glazing	Blue Solar Double Glazing
U Value	1.0	0.6	1.2
Solar Factor	18%	40%	46%
Visible Light Transmission	24%	51%	56%
Heat Reflection	82%	60%	54%
UV Protection	91%	88%	80%
Easy Clean Coating	Inc	Inc	Inc
Cavity Fill	Argon	Argon	Argon
Blue Tint	Inc	Inc	Inc

Additional glass options are available on request e.g. acoustic glass and privacy glass



# FLAT ROOFLIGHT



**Bring style to your home -**

**Give your home extension more light with the Atlas Flat Rooflight.**

### Minimal Sightlines

The minimalistic contemporary external design with flush glazing gives a sleek, modern appearance and is a stunning addition to any home extension.

### Ultimate Performance

Thermal performance is at the forefront of homeowners minds. Using only 1.0 W/m<sup>2</sup>k U value double glazing the rooflight can achieve overall U values of 1.4 W/m<sup>2</sup>k outperforming many of its rivals.

### Maximum Light

The unique all aluminium system with thermal breaks make the Atlas flat rooflight the ultimate glazed flat rooflight.

Sitting flush with the internal plaster line, the fixed flat rooflight appears frameless from the interior of the home, creating the illusion of an open roof space.



“

NO CHUNKY  
HOODS OR LOW  
SUPPORT BARS  
- SHEER GENIUS

”



# CONSERVATORIES

## Less Is More

Atlas conservatory roofs offer an ultra slim frame, minimalist internal design and superb thermal performance, making Atlas an unrivalled choice for all homes.

Manufactured to your exact specifications the Atlas conservatory roof will change the way you look at conservatory roofs.

Unlike traditional conservatory roofs which can be cluttered by low hanging bars, oversized ridges and obtrusive ridge ends, and poor thermal efficiency,

the Atlas roof benefits from a 70% slimmer ridge with the hidden or subtle bars – more glass, less roof and unrivalled thermal efficiency.

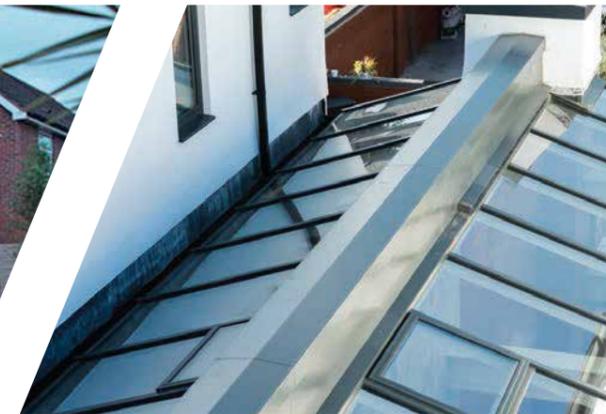
Your retailer will have the knowledge and expertise to help you decide which style and specification will suit your home and budget.

By offering MORE SKY – LESS ROOF™ with a thinner, lighter, and stronger structure, the Atlas roof is a fantastic solution for upgrading your conservatory.





# LEAN-TO



“

## A MODERN TAKE ON THE CONSERVATORY

”

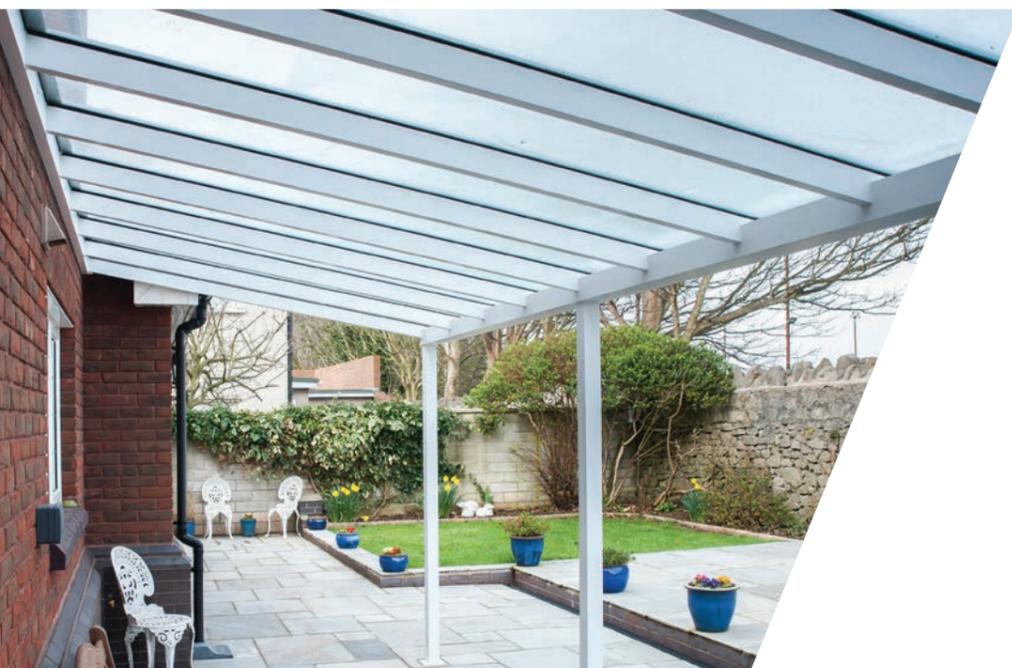
### Changing the shape of conservatories

A lean-to is an ideal alternative to a traditional conservatory and adds a sleek and modern design to any home.

Perfect for creating additional space, the single sloped Atlas lean-to can be any width and can project into your garden for up to about four metres. The Atlas lean-to can be installed just about anywhere.

It is the perfect style for bi-fold doors so you can dramatically open up your home to your garden. The variable roof pitch gives you a huge choice of looks, from fitting it under the first floor window ledges or right up to the eaves. Clean lines and minimal fuss.

# VERANDAS



“  
OPEN UP  
YOUR **LIVING  
SPACE** INTO  
THE GARDEN  
WITH AN ATLAS  
VERANDA

”

## Outdoor Lifestyle & Luxury

Add a whole new living space that transforms the outside of your property and, combined with bi-folding or sliding doors, extends your living space into your garden area with a stylish Atlas veranda.

This versatile covered space allows you to enjoy the outdoors all year round, bringing al fresco living to your lifestyle and adding value to your home.

- A flexible outdoor living space
- A permanent cover for your patio area
- Perfect for al fresco dining and entertaining
- Custom built to your specification

# SKYROOM



## The Next Generation - Orangery Living

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

The look of an orangery with no imitation features to detract from its good looks and its ultra-slim roof allows you to see MORE SKY – LESS ROOF™.



# SKYROOM

“ COMBINING LUXURIOUS STYLE AND UNIQUE MODERN AESTHETICS WITH SUPERIOR AERIAL VIEWS. ”

**The experienced engineers at Atlas have cleverly created a roof which acts as a traditional conservatory but looks like an opulent orangery**

An orangery has a number of features which make it more luxurious than a traditional conservatory. The secret to the Skyroom’s realistic internal appearance is the solid internal pelmet which instantly changes the look of the room, and with spotlights added you can create the perfect evening lighting. Second to this is the appearance of the roof sitting on the pelmet (much like a lantern roof on an orangery).

The accurate orangery features make the Skyroom the ultimate choice in modern living. Its 300mm high aluminium contemporary fascia gives the

Skyroom the realistic appearance of a contemporary ultra slim orangery lantern both inside and out. With no unsightly low rod bars or bulky joint covers cluttering the roof, the Skyroom guarantees excellent headroom and no intrusion into the room. Thanks to a Atlas’s signature 70% slimmer ridge and 30% slimmer rafter, the Skyroom blends design aesthetics, outstanding strength and unrivalled thermal performance – all under one orangery style roof. The Skyroom is a unique product and nothing else on the market looks quite like it.



**MORE SKY  
LESS ROOF™**

The information provided in this publication is provided "as is" on July 2022. Atlas Roofing may modify and change the information and specifications from time to time for a variety of reasons, without prior notice and updates will not be issued automatically. Due to the limitations of the processes of printing or digital display of colours, no liability can be accepted for the accuracy, they are intended as guidance only. This information is not intended to have any legal effect, whether by the way of advice, representation or warranty (express or implied). All rights reserved. Copyright in this publication belongs to Atlas Roofing and all such copyright may not be used, sold, copied or reproduced in whole or part in any manner in any media to any person without prior consent. Copyright © 2022 Atlas Roofing. All rights reserved.

# ATLAS

Aluminium



01453 826884

[sales@atlas-aluminium.co.uk](mailto:sales@atlas-aluminium.co.uk)

Atlas Aluminium

Newton Centre, Brunel Way,

Stroudwater Business Park,

Stonehouse, GL10 3SW

[atlas-aluminium.co.uk](http://atlas-aluminium.co.uk)