



OPENING ROOFS // ARCHITECTURAL SERIES

LouvreTec™
OPENING ROOFS / SUN LOUVRES / SHUTTERS

welcome

OPENING ROOFS // ARCHITECTURAL SERIES

Welcome to Louvretec's updated second edition Architectural Series range of Opening Roof systems. Our existing product range, with its proven functionality and innovative design has already established our Architectural Series Opening Roofs and motorised Sun Louvres as world leaders in their field.

This range is now further enhanced with the introduction of our outstanding new Super Roof systems, along with a further upgrade to our award winning Spiral Pivot operating system.

Tried and proven, our Spiral Pivot has now got even better. Custom built to our own exacting design and specifications, this is now the complete operating system with all moving parts, bearings, motor and gearbox completely hidden out of sight further enhancing the already clean, uncluttered lines of our Architectural Series Opening Roofs.

NEW - LOUVRETEC OUTDOOR BLIND SYSTEMS

Louvretec Outdoor Blinds are custom fitted, clear PVC or Mesh Shade blinds that can be fully integrated with your Louvretec Opening Roof, further enhancing year round usability of your indoor-outdoor space.

SUSTAINABLE DESIGN - TRUE INDOOR OUTDOOR LIVING

For both new projects and renovations passive solar design is a cornerstone element of today's sustainable house or commercial building. Our versatile louvre systems allow you to control your environment, making the most of the sun, both protecting in summer and enjoying in winter.

LOUVRETEC QUALITY

We pride ourselves on the quality and reliability of our modern integrated louvre systems. Our products are now available worldwide through a network of Authorised Louvretec Dealers. All our systems are fully engineered and warranted - we look forward to being of assistance with design and product recommendations from concept to completion.

Bill Collins DIRECTOR // Louvretec GROUP



design for life TRUE INDOOR-OUTDOOR LIVING

// 200 SUPER ROOF	PAGE 02-03
// 200 SUPER ROOF LITE	PAGE 04-05
// 180 LINEAR OPENING ROOF	PAGE 06-07
// 180 CLASSIC OPENING ROOF	PAGE 08-09
// 260 TRANSLUCENT OPENING ROOF	PAGE 10-11
// STRUCTURAL & WARRANTY	PAGE 12
// FINISHING TOUCHES	PAGE 13
// SUBURBAN DIRECT OPENING ROOF	PAGE 13
// OUTDOOR BLINDS	PAGE 13

200 SUPER ROOF

CLEAN LINES AND WIDE SPANS

Designed as our flagship Opening Roof system the newly designed 200 Super Roof more than lives up to its name.

First and foremost are its super spanning capabilities. Overall blade spans are determined by wind zones – typically spans are shorter in highly exposed coastal areas when compared with more densely populated urban spaces.

With spanning capabilities of over 4500mm in lower wind zone regions, the 200 Super Roof provides approximately an extra metre of span over product currently available.

Apart from offering a wider protected deck space to enjoy, in many instances the extra span eliminates the need for double roofs with mid-beams as is currently required to achieve the same covered area.

To compliment the 200 Super Roof we have also upgraded our award winning Spiral Pivot operating mechanism. Using our new 'Down-under' gearbox now not only is the pivot operating mechanism hidden from sight so too is the tubular motor and gear box.

Spiral pivot enables full 180° blade rotation, you literally control the amount of sun or shade at all times. Pivoting off die cast colour matched end caps, each blade closes on to a hidden woolpile closing strip which eliminates any metal to metal blade contact.

Combined with the super spanning capabilities of the blade, the flush, uncluttered lines of the pivot system greatly enhances the overall appearance and aesthetics of the design.

A bigger roof may require a bigger gutter, 200 Super Roofs are now available with a new 185mm extra wide custom designed gutter system.



200 SUPER ROOF LITE

LIGHTER TOUCH, SEAMLESS LOOK

To complement the 200 Super Roof we are pleased to also introduce the new 200 Super Roof Lite. This blade can be used alongside multi-panel 200 Super Roof installations where larger spans are not required on all the panels.

Shorter spanning roofs do not require the heavy duty capabilities of a 200 Super Roof, hence the 200 Lite version which provides an economic option in these instances.

With spanning characteristics equivalent or better than current Opening Roof systems, the 200 Super Roof Lite is also a very good 'stand alone' option to consider when thinking Opening Roofs.

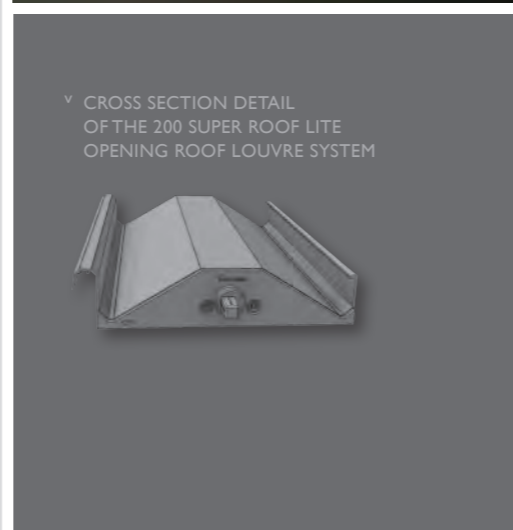
Both versions of Super Roof feature a modern 200mm wide, flat bottomed, angular top design that looks fantastic, functions superbly and will enhance any indoor-outdoor area.

LOUVRETEC STRUCTURAL

All Louvretec Opening Roofs can fit within a wide variety of structural frames or openings. One of the most popular and practical options is a Louvretec Structural all aluminium frame and post option.

Designed and developed by Louvretec, our Structural aluminium frames are fully certified and compliant with current engineering standards.

Custom designed to your exact requirements, please contact your nearest Louvretec Dealer for further details.



180 LINEAR OPENING ROOF

CLEAN LINES, CRISP EDGES

The 180 Linear Opening Roof design captures and compliments the look of today's modern architecture.

Operated by our upgraded award winning Spiral Pivot mechanism featuring our new 'Down-under' motor and gearbox system. Now not only is the pivot operating mechanism hidden from sight, so too is the tubular motor and gearbox.

The flat blades feature bold angular lines and sharp cleanly defined edges.

The edges of each blade are chamfered at 45 degrees, giving a "tongue and grooved" effect when the roof is closed.

The 180 Linear shares all the features of the 180 Classic Opening Roof including the upgraded Spiral Pivot 'Down-under' operating system, with the blade design being the only difference.



180 CLASSIC OPENING ROOF

SHADE OR SUN AND EVERYTHING INBETWEEN

Welcome to the updated version of our original Opening Roof design – the 180 Classic. The timeless look of the elegantly shaped concave 180mm wide aluminium blades has now been further enhanced with the upgrade to the new Spiral Pivot 'Down-under' motor and gearbox system.

Now not only is the pivot operating mechanism hidden from sight, so too is the tubular motor and gearbox system. The blades rotate through 180 degrees giving a full no compromise range of shade and shelter options for all seasons.

Pivoting off die cast colour matched end caps, each blade closes onto a hidden woolpile closing strip thus eliminating any metal to metal blade contact.

The 180 Classic and the 180 Linear (see over) Opening Roofs are of identical size, both using an identical Spiral Pivot system. The style of blade is the only difference between these two systems.



260 TRANSLUCENT OPENING ROOF

LET THERE BE LIGHT

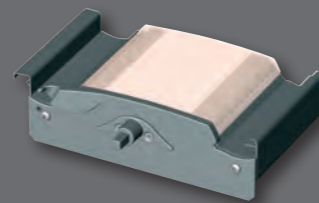
If loss of light is an issue when the Opening Roof is closed then the unique 260 Translucent is the answer.

The all aluminium box section blades feature an infill panel of UV treated Naturelite. The "Champagne" colour of the Naturelite produces a soft filtered light when the roof is closed. The blades are spaced at 256mm apart resulting in wide open spaces when the blades are open.

This unique roof has also been upgraded to operate using the new Spiral Pivot 'Down-under' operating system, allowing for 180 degree opening and a fully hidden tubular motor, gearbox and pivot operating mechanism.



▼ CROSS SECTION DETAIL
OF THE 260 TRANSLUCENT
OPENING ROOF LOUVRE SYSTEM



DESIGNED BY US, MADE TO GO THE DISTANCE

AWARD WINNING PRECISION ENGINEERED COMPONENTRY

All our operating/motorised systems have been designed, developed and tested in-house by us and are only available on genuine Louvretec Opening Roofs and Sun Louvre systems.

Our award winning systems and componentry are fully engineered and manufactured to the highest engineering standards and backed of course by our Louvretec Product Warranty (see below).

With our new 'Down-under' Spiral Pivot system all our drive systems, motors and gearboxes are fully hidden, out of sight out of mind – we believe they are the unsung heroes of our product range.

LOUVRETEC STRUCTURAL

All Louvretec Opening Roofs can be installed incorporating our own proprietary 'Louvretec Structural' frames, beams and post systems. Fully engineered to joint Australian/NZ standards and incorporating the recently introduced very high wind zone (VHWZ), Louvretec Structural ensures total piece of mind for any Opening Roof installation.

Opening Roofs must fit with a suitably designed frame or suitably prepared opening. Please discuss frame or Opening options with us at an early stage of your enquiry.



OPENING ROOF WITH MESH SHADE OUTDOOR BLIND



OPENING ROOF WITH CLEAR PVC OUTDOOR BLIND

FINISHING TOUCHES

FULLY WARRANTED MOTORISATION

All Louvretec Opening Roof systems are powered by leading brand Tubular motors with motors and controls supported with 5 year to 7 year warranties.

REMOTE CONTROLS

Hand Held - Four options available



Wall Mounted

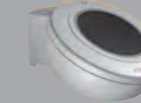


WALL MOUNTED CONTROLS



SENSOR CONTROLS

Rain sensor:



HAND OPERABLE FREE STANDING OPENING ROOFS

No power required, enjoy the advantages of a free standing hand operated opening roof system anywhere in your garden.

Outdoor Blinds

NEW - LOUVRETEC OUTDOOR BLIND SYSTEMS

Custom fitted outdoor blinds can now be fully integrated with your Louvretec Opening Roof. Available in clear PVC or a coloured range of Mesh Shade Blinds. Outdoor Blinds can be raised manually, operated by a gearbox or fully motorised. Contact your local Louvretec Dealership for your copy of the Outdoor Blinds brochure.

Suburban Direct

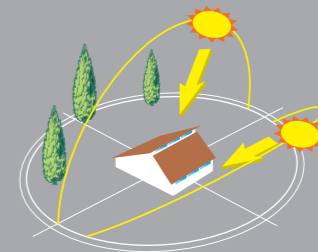
OPENING ROOF - DESIGNED WITH ECONOMY IN MIND

Louvretec's new Suburban Direct Opening Roof has been designed with quality and economy in mind. Our beautifully designed 200mm blades provide excellent wide spanning capabilities and use only the highest grade aluminium or marine grade stainless steel. Contact your local Louvretec dealership for your copy of the Suburban Direct Opening Roof brochure.

PLAN FOR THE SUN SUSTAINABLE SOLUTIONS

Louvretec products are designed to respond to daily and seasonally changing conditions. Managing the impact of sun and seasons throughout the year enables the building to respond passively to thermal changes with substantial reductions in energy use.

Careful sun path analysis ensures louvres are pitched to achieve optimum inside environments all year round. This will block intense sun and glare in summer yet allow maximum sun penetration in winter.



COLOUR OPTIONS - THE CHOICE IS YOURS

In addition to traditional anodised finishes all Louvretec Architectural Series Opening Roofs are available in a wide array of hi tech powdercoat finishes. Contact your Louvretec Dealer for current colour charts and swatches.



LouvreCare

LOUVRETEC - GOLD STANDARD TOTAL CARE PACKAGE

A comprehensive cleaning, preventative maintenance and valet package is available. Contact your nearest Louvretec Dealer for full details.



product warranty

LOUVRETEC OPENING ROOFS, SUN LOUVRES & SHUTTERS STANDARD WARRANTY DETAILS

- // All product installed by Louvretec or an Authorised Louvretec Installer carry a 2 year workmanship warranty from date of invoice.
- // All aluminium louvres and extrusions used in Louvretec's systems are manufactured in an ISO9002 quality assured environment to AS1866 & AS3902 standards.
- // Marine grade T316 stainless steel is used for the drive axles, with stainless steel componentry fixings being standard.
- // Plastic injected moulded componentry is all UV stabilised.
- // All Louvretec motorised systems are powered by leading brand Tubular motors with motors and controls supported with 5 year to 7 year warranties depending on motor type.
- // Powdercoat finishes - A wide range of exterior powdercoat finishes is available.
- // Duralloy or equivalent is the standard finish supplied unless stated otherwise and provides excellent resistance to weather and salt spray. This carries warranties of a maintainable service life of 25 years, film integrity of 10 years and colour integrity of 7 years.
- // Anodised finishes - The current specifications re anodised aluminium range from 12-20-25 microns depth. The greater the microns the better the protection. With regular cleaning anodised material will retain its original integrity for no less than 10 years.
- // Cleaning - Periodic cleaning is essential to remove dirt, grime and accumulated salt deposits from both powdercoated and anodised surfaces. Three steps for cleaning are:
 - 1 Carefully remove any loose deposits with a wet sponge.
 - 2 Use a soft non abrasive brush and a mild household detergent solution to remove dust, salt and other deposits.
 - 3 Rinse off with clean water.
- // The louvre systems are designed to conform to New Zealand and Australian standards wind loadings. Full engineering details available on request.

This warranty will not apply if the product is repaired by a person not authorised by Louvretec to do such repairs, or if the product is used in a manner other than for the purpose for which it was intended. All warranty claims must be authorised by Louvretec before any remedial work is undertaken.



OPENING ROOFS



OUTDOOR BLINDS



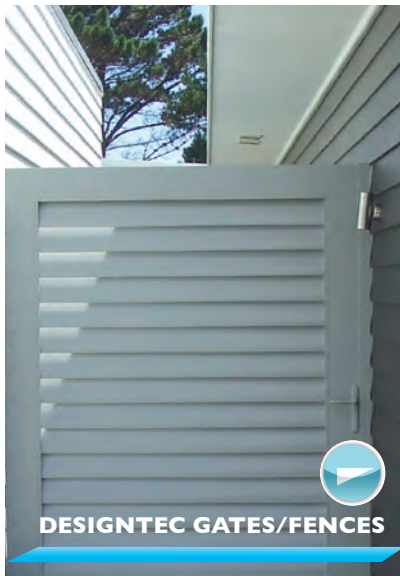
LOUVRELINE PANELS



SUN LOUVRE SYSTEMS



SHUTTERS



DESIGNTEC GATES/FENCES



COMMERCIAL

YOUR LOCAL DEALER :

VIEW OUR RANGE ONLINE AT www.louvretec.co.nz or www.louvretec.com.au

LOUVRETEC FULL BROCHURE RANGE :

- // Opening Roof Brochure
- // Louvreline Panel Brochure
- // Sun Louvres Brochure
- // Shutters Brochure
- // Designtec Brochure
- // Suburban Direct Brochure
- // Range Overview Brochure
- // Look Book Brochure
- // Product Catalogue (for Architects and Specifiers)