



LouvreTec™

OPENING ROOFS // THE COLLECTION

[INTERACTIVE VERSION // MAIN MENU](#)

WELCOME

OPENING ROOFS // THE COLLECTION

Welcome to the Australian, NZ and Pacific Collection of Product Brochures.

All new for 2009, Louvretec now offers the most comprehensive range of all aluminium Opening Roofs and Sun Louvre systems imaginable.

This brochure covers our Opening Roof product range and is number 1 of a Collection of 6 brochures. Please refer to the back cover for details of the full Collection available.

SUSTAINABLE DESIGN

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.

Add to this shelter, privacy, security – along with stylish indoor/outdoor design and living choices and you will see why Louvretec is worth considering on any project.

LOUVRETEC QUALITY

We pride ourselves on the quality and reliability of our modern integrated louvre systems. Our products are available nationally 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.

Thank you for taking the time to consider our products, we hope this brochure provides ideas and inspiration.

Bill Collins DIRECTOR // Louvretec GROUP



DESIGN FOR LIFE

Louvretec's new generation Opening Roofs provide for true indoor – outdoor living. Now with a choice of four distinct systems, all providing operable weatherproof protection to decks, verandahs and outdoor patio areas.

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180 CLASSIC OPENING ROOF

The 180 Classic Opening Roof is an updated version of Louvretec's original roof.

Viewed from below, the elegantly shaped all aluminium concave blades provide for soft graceful lines when closed.

Operated by our unique Spiral Pivot System, the blades rotate through 180 degrees, giving a full no compromise range of shade and shelter options for all seasons.

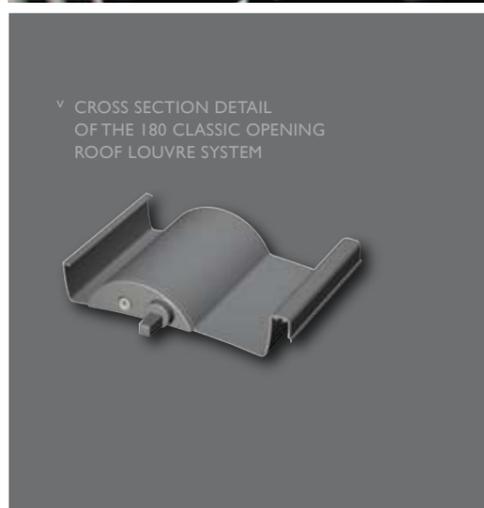
Pivoting off die cast colour matched end caps, each blade closes onto a hidden woolpile closing strip, thus eliminating any metal to metal blade contact.

The 180 Classic and the 180 Linear (see over) Opening Roofs are of identical size, both utilising an identical Spiral Pivot System.

The style of blade is the only difference between these two systems.

[REFER PAGES 12-13 FOR FURTHER TECHNICAL DETAILS.](#)

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1 // INTERNAL COURTYARD 2 // WAIHEKE IS RESTAURANT 3 // AFTERNOON SHADE PATTERNS 4+5 // 180 CLASSIC ROOF OPEN-CLOSED



180 LINEAR OPENING ROOF

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

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, with the blade design being the only difference.

[REFER PAGES 12-13 FOR FURTHER TECHNICAL DETAILS.](#)



// AFTER RENOVATION - MELBOURNE HOUSE



∨ CROSS SECTION DETAIL OF THE 180 LINEAR OPENING ROOF LOUVRE SYSTEM



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PLAN FOR THE SUN

SUSTAINABLE SOLUTIONS

Louvretec products are designed to respond to daily and seasonally changing conditions.

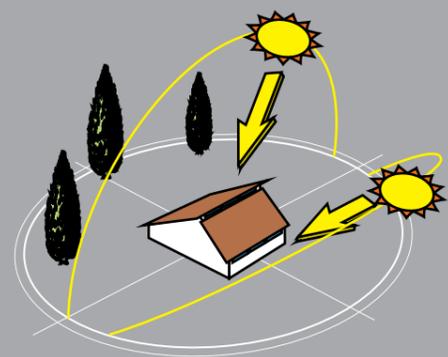
Managing the impact of sun and seasons throughout the year enables the building to respond passively to thermal changes with substantial reductions in energy use.

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.

VISUALISING SUN CONTROL

Louvretec employ state-of-the-art Ecotect solar analysis to design the best solutions for all year round sun control on your residential or commercial property.

ecotect
the complete environmental design tool



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1 // DOUBLE LINEAR OPENING ROOFS 2 // CLASSIC LOUNGE EXTENSION 3 // TRIPLE CLASSIC OPENING ROOFS & MOTORISED SUN LOUVRES
4 // SERIES OF CLASSIC ROOFS 5 // LINEAR ROOFS WITH END SUN LOUVRES 6 // LINEAR OPENING ROOF 7 // LINEAR ROOFS CLOSED FOR THE EVENING
8 // BAY OF PLENTY TOWN HOUSES

260 TRANSLUCENT OPENING ROOF

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

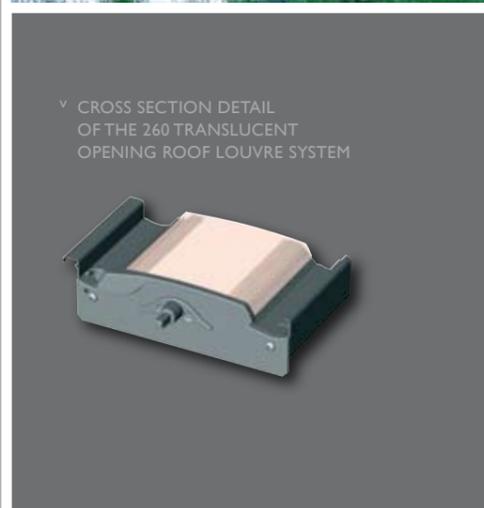
The all aluminium box section blades feature an infill panel of UV treated Naturelite.

The "Champagne" colour of the Naturelite produces a soft filtered light when the roof is closed.

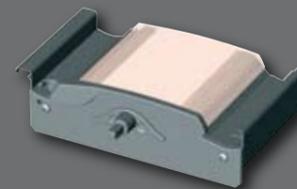
The blades are spaced at 256mm apart resulting in wide open spaces when the blades are open.

This roof has also been upgraded to operate using the Spiral Pivot System, allowing for 180 degree opening and a fully hidden pivot mechanism.

[REFER PAGES 12-13 FOR FURTHER TECHNICAL DETAILS.](#)



CROSS SECTION DETAIL OF THE 260 TRANSLUCENT OPENING ROOF LOUVRE SYSTEM



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1 // TRANSLUCENT ROOF IN TIMBER FRAME – FIJI 2 // BLADES OPEN VIEWED FROM INSIDE 3 // SOFT FILTERED LIGHT WHEN THE ROOF IS CLOSED
4+5 // PITCHED ROOF WITH BLADES CLOSED, INSIDE AND OUTSIDE VIEW 6 // CLUB INSTALLATION – WELLINGTON
7 // RESIDENTIAL HOUSE, BLADES CLOSED

200 DIRECT DRIVE OPENING ROOF

Designed with economy in mind the new 200 Direct Drive Opening Roof incorporates state of the art design with a simple Direct Drive Pivot System.

Combining all the advantages of a modern Opening Roof system the gracefully curved 200mm wide convex blades provide outstanding spanning ability with a fresh clean look.

Blades open 125 degrees.

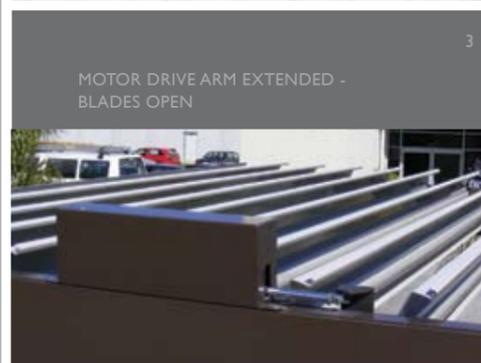
Fully sealed ends, powder coated die cast end caps with built in drip edge.

Each blade incorporates a hidden woolpile closing strip ensuring silent closing and rattle free operation.

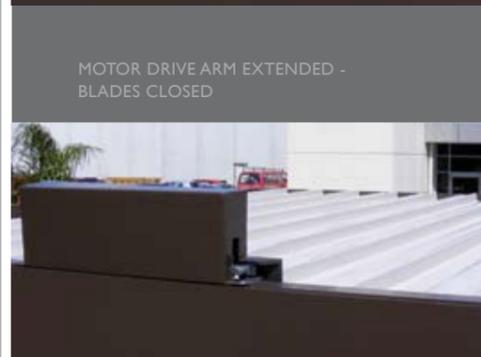
Powered by the new Somfy Rodeo Rod Actuator motors, available in both 24v and 240v options.

[REFER PAGES 12-13 FOR FURTHER TECHNICAL DETAILS.](#)

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MOTOR DRIVE ARM EXTENDED -
BLADES OPEN



MOTOR DRIVE ARM EXTENDED -
BLADES CLOSED



CROSS SECTION DETAIL
OF THE 200 DIRECT DRIVE
OPENING ROOF LOUVRE SYSTEM



1 // ROOF IN ALL ALUMINIUM FRAME 2 // FULLY OPEN VIEWED FROM UNDERNEATH 3 // DIRECT DRIVE CLOSE-UP, OPENED AND CLOSED
4+5 // 200 DIRECT DRIVE ROOF OPEN - CLOSED 6 // ECO200 ROOF WITH 150MM VERTICAL SUN LOUVRES 7 // FREE STANDING ALUMINIUM FRAMED ROOF

DETAILS AT A GLANCE // LOUVRETEC OPENING ROOFS

SPIRAL PIVOT SYSTEM

180 CLASSIC OPENING ROOF



180 LINEAR OPENING ROOF



260 TRANSLUCENT OPENING ROOF



Spiral PIVOT SYSTEM

MOTORISED



motor

HAND OPENING



somfy

DIRECT DRIVE PIVOT SYSTEM

200 DIRECT DRIVE OPENING ROOF



MOTORISED ONLY

HAND OPENING NOT AVAILABLE

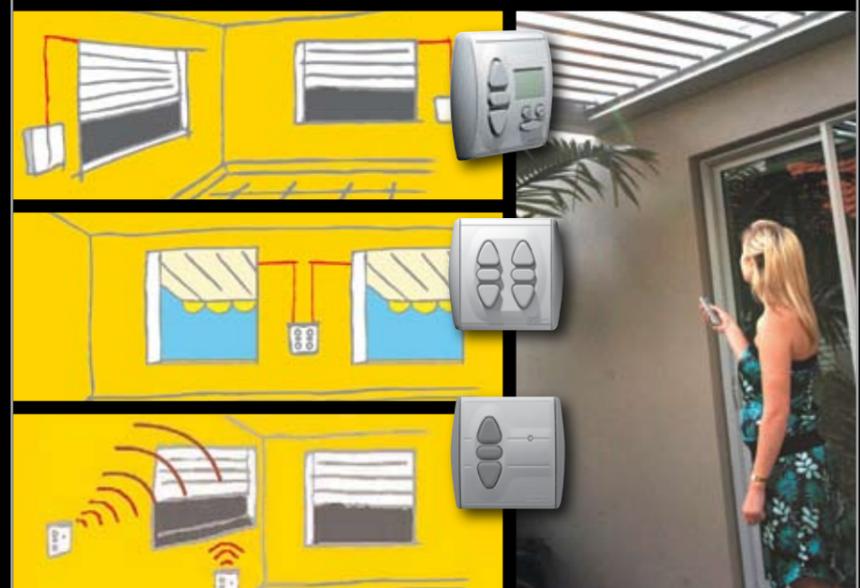


DirectDrive DD PIVOT SYSTEM

MOTORISATION & AUTOMATION

CONTROLS

WALL MOUNTED CONTROLS A range of wall mounted controls available



REMOTE CONTROLS

Four options available



SENSOR CONTROLS

Rain Sensor



Sun and wind sensors



Sun Sensor



WARRANTY

Somfy products are synonymous with innovation, excellent quality, safety and durability. Extensively tested to international standards all motors, controls and sensors carry a 5 year warranty.



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.



PRODUCT WARRANTY

All Louvretec workmanship, materials, surface finishing and componentry is covered by a comprehensive warranty. Refer to Louvretec for details.

product warranty

LOUVRETEC OPENING ROOFS, SUN LOUVRES & SHUTTERS STANDARD WARRANTY DETAILS

- All products installed by Louvretec or an Authorised Louvretec Installer carry a two year workmanship warranty from date of install.
- All aluminium frames and accessories used in Louvretec systems are manufactured to an ISO9001 quality standard in accordance with EN10204 & EN10206 standards.
- Plastic grade TPO material used to seal the frame rails with positive seal componentry being standard.
- Plastic support bracket componentry is of UPV material.
- Louvretec exclusively uses Somfy motors, switches and electronics. Somfy offer a 3 year warranty on all Somfy motors and electronics.
- Roofline cover finishes - a wide range of powder powder coat finishes are available.
- Roofline or equivalent to the standard finish supplied unless stated otherwise and provides excellent resistance to weather and salt spray. This service provides a maintenance free life of 20 years. Also available in 10 years and colour change of 7 years.
- Roofline finish - The current specification is anodised aluminium range from 12 to 20 micron depth. The greater the micron the better the protection. This range offers a maintenance free life of 20 years. Also available in 10 years and colour change of 7 years.
- Cleaning - Regular cleaning is essential to remove dirt, pollen and environmental salt deposits from both powder coated and anodised surfaces. These steps for cleaning are:
 - Use a soft non-abrasive brush with a mild detergent.
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 - Use a soft non-abrasive brush with a mild detergent.
- Warranty - Refer to the warranty details for more information.
- The above systems are designed to conform to New Zealand and Australian standards with suitable for engineering details available on request.





YOUR LOCAL DEALER :

LOUVRETEC FULL BROCHURE RANGE :

- // Opening Roof Brochure
- // Louvrelite Brochure
- // Sun Louvres Brochure
- // Shutters Brochure
- // Designtec Brochure
- // Range Overview Brochure
- // Product Catalogue (For Architects and Specifiers)

LouvreTecTM
OPENING ROOFS / SUN LOUVRES / SHUTTERS

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www.louvretec.com.au

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