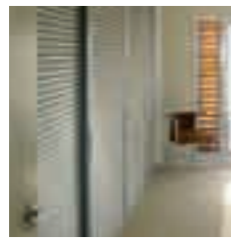




LouvreTec™
OPENING ROOFS • SUN LOUVRES • SHUTTERS



spiral™
PIVOT SYSTEM

kissX™
PIVOT SYSTEM

New generation opening roofs & sun louvre systems

DESIGN FOR THE SUN

Welcome to our modern new range of aluminium louvre systems.

About this brochure

The aim of this brochure is to provide a pictorial overview of the LouvreTec range of Opening Roofs, Sun Louvres and Shutters.

This product range is all new and represents some of the most modern and innovative Opening Roof/Sun Louvre systems available anywhere in the world.

From waterproof opening roofs... adjustable wall panels... louvered shutters... 40mm mini-louvres to 600mm maxi-louvres... louvered gates & fences... there is a wide range of carefully crafted options available.

Many of our systems are multi-functional.

Our award winning Spiral Pivot is used in ten very different louvres. Our hand operated KISS Pivot also has a number of applications in louvre panels and shutters.

Product Catalogue

A new Product Catalogue is also available providing in depth technical details and specifications of the products featured here.

Please contact LouvreTec if you would like a copy. Our product range offers both designers and home owners an opportunity to express both form and function. LouvreTec provides a green building approach and helps to control your environment providing both shade and sun when needed during different cycles of the year. We hope this brochure provides ideas and inspiration.



BILL COLLINS director
LouvreTec Australia Pty Ltd

LouvreTec Australia Pty Ltd



LouvreTecTM
OPENING ROOFS • SUN LOUVRES • SHUTTERS

Phone 1300 MYLOUVRES
admin@louvretec.com.au
www.louvretec.com.au

INTRODUCTION

Design for the sun with the new LouvreTec product range

Introducing

The LouvreTec range of aluminium opening roofs, shutters, mini and maxi louvres, airfoils...

Modern new designs backed up by LouvreTec's award winning Spiral Pivot and Kiss Pivot systems.



Select a Louvre

Opening Roof Systems

There are now three waterproof opening roof options for decks, verandas and patios.



180 Classic Opening Roof



180 Linear Opening Roof



260 Translucent Opening Roof

Opening Panel

The 200 Louvrelite Panel is a new concept in exterior wall panels.



200 Louvrelite
- Rear of
blade pivot



200 Louvrelite
- Centre pivot

Airfoil Louvres

The popular 120mm Airfoil and 180mm Airfoil, incorporate fine aerodynamic lines with the elegant strength of a triple box section.



120mm Airfoil Sun Louvre



180mm Airfoil Sun Louvre

Maxi Louvres

Designed with clean symmetrical lines and fine leading edges, LouvreTec is pleased to introduce a new generation of three Maxi Louvres.



200mm Maxi Sun Louvre



300mm Maxi Sun Louvre



600mm Maxi Sun Louvre

Mini and Midi Louvres

This versatile family of four shutter louvres are operated by LouvreTec's new Kiss Pivot system.



40mm Mini Louvre



70mm Mini Louvre



90mm Midi Louvre



150mm Midi Louvre

Create genuine indoor/outdoor living spaces, privacy, shelter, protection from sun and wind with LouvreTec's stylish new range of ecofriendly louvre systems.

We thank you for taking the time to look at our catalogue, and we hope we can be of service to you.



Multiple opening roofs, motorised sun louvres



Two panel opening roof, 90mm Kiss pivot louvres



Opening roof with stepped blades



Large single panel opening roof in steel cantilevered frames



Opening roofs in cantilevered curved steel frame



Free standing opening roofs



Opening roof in aluminium frame



Twin opening roofs, cantilevered timber beams



On wet days, snug shelter from the rain



Motorised 180 Opening Roof creating a useable outdoor space



Opening roofs within plastered columns



Multi panel opening roof in old timber beams



Louvreline panels closed



Close up of Louvreline panel



Enjoy the view with full privacy from the neighbours

Typical Applications of Louvreline Panel

- The louvres have been designed for external use, but can of course be used internally.
- Ideal as vertical external panels in front of joinery or for closing off decks and verandas.
- Literally they become a snug fitting opening or adjustable wall panel.
- Design around being able to enjoy a wide view looking forward while achieving a high degree of side and rear privacy from neighbours.
- Used horizontally or vertically the defined rectangular lines provide an entirely new range of louvre design options and applications.



With the panels closed no other window treatment required



Blades open through 180° allowing total control of light & privacy

LOUVRE PANEL

A new concept in louvre panels - 200 Louvreline Panel



Features and benefits

- Choose from two points of pivot – Rear of blade or Centre of blade.
- Blades turn through 180 degrees and can be motorised or hand operated.
- The latest European switching and control options compliment the design and greatly enhance the practical function of the system.
- The slim line 200mm wide panels are only 27mm deep allowing over 165mm clear space when opened.
- Incredibly strong, the elegant all aluminium triple box section design can span up to 3m vertically or horizontally.



Centre of blade pivot can be used horizontally



Rear of blade pivot for vertical use only

- The panels overlap when closed, shutting silently onto a hidden woolpile closing strip eliminating any metal to metal contact.
- Due to a minimal light space of around 3mm between louvre panel and pivot frame Louvreline 200 Panels are in many instances suitable as the only window treatment necessary – no curtains required.
- Full range of powder coat or anodised finishes available.



90mm Door & Window Shutters



Adjustable and fixed 70mm panels



90mm Kiss Adjustable Louvre Blades



Adjustable privacy and wind screen



External 90mm louvre panel



Adjustable 90mm Kiss louvre panels



Close up detail of Kiss pivot system



Adjustable 70mm louvre panel



70mm Kiss pivot louvre panels



90mm Kiss pivot panel



Louvre panels end fixed either side of entry door



150mm Kiss pivot close up

DESIGN FOR THE SUN

Shading is a key passive design element in eco-friendly architecture. This catalogue outlines the comprehensive shading options offered by the LouvreTec range of opening roofs, sun louvres and shutter systems.

The options on offer far exceed the benefits gained by shading alone. Shelter, protection, privacy – the creation of genuine year round usable outdoor spaces are all benefits to be gained.

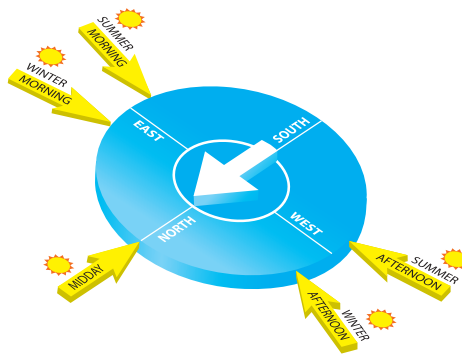
Customise your project

LouvreTec will work with you to optimise individual needs for solar, shelter and privacy design issues in your project.

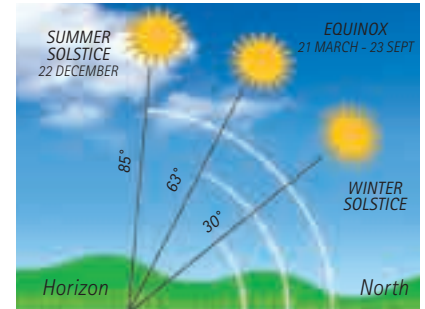
LouvreTec uses the latest architectural software packages such as AutoCAD and Ecotect to customise projects by designing to allow maximum solar benefits in winter, while filtering out excessive solar heat gains in summer.

Ensuring our customers can enjoy a well designed final product and comfortable spaces.

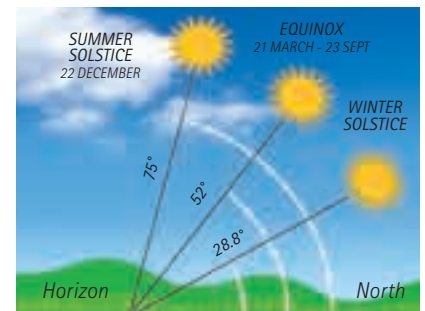
LouvreTec can now offer modern multi-functional systems suitable for and adaptable to most sun control applications.



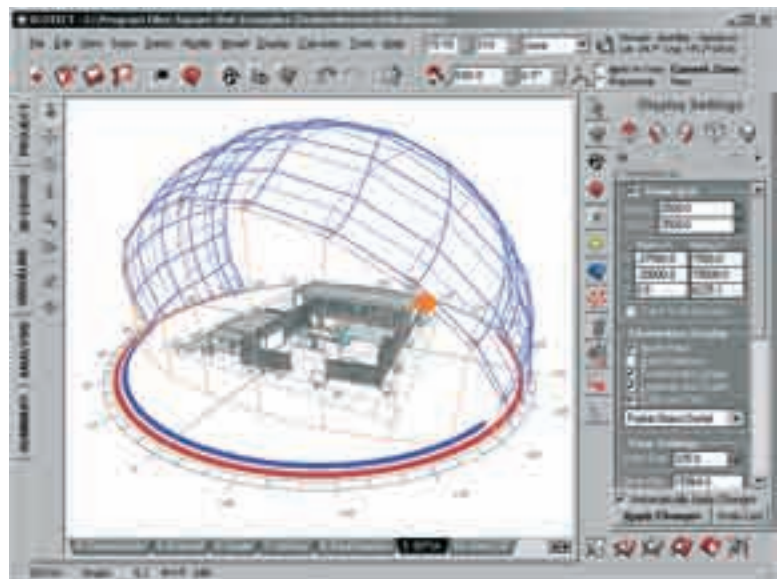
Seasonal variation summer and winter sun rises and sun sets



Brisbane at solar noon

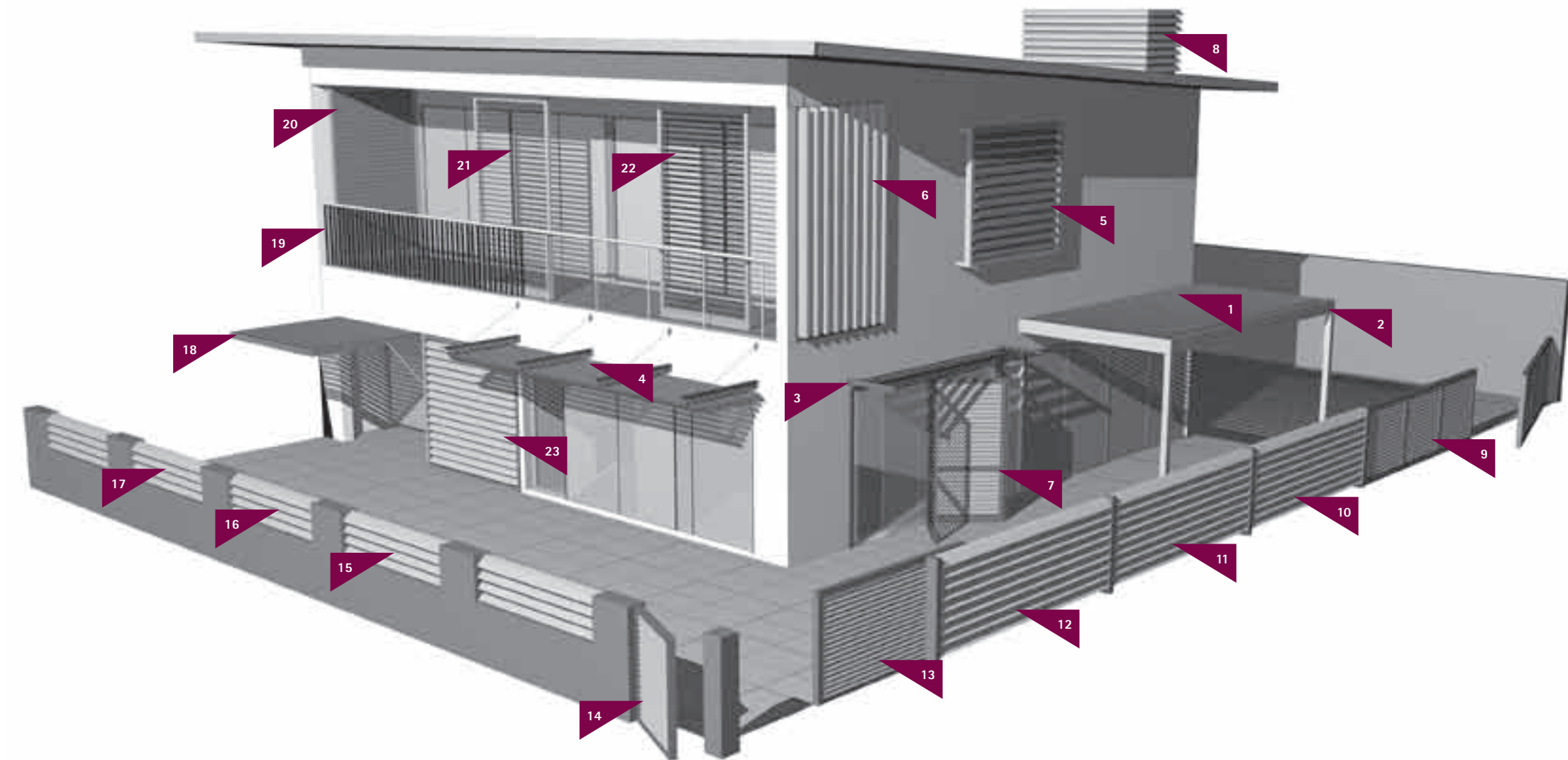


Melbourne at solar noon



PRODUCT RANGE RESIDENTIAL

Looks Et function at a glance



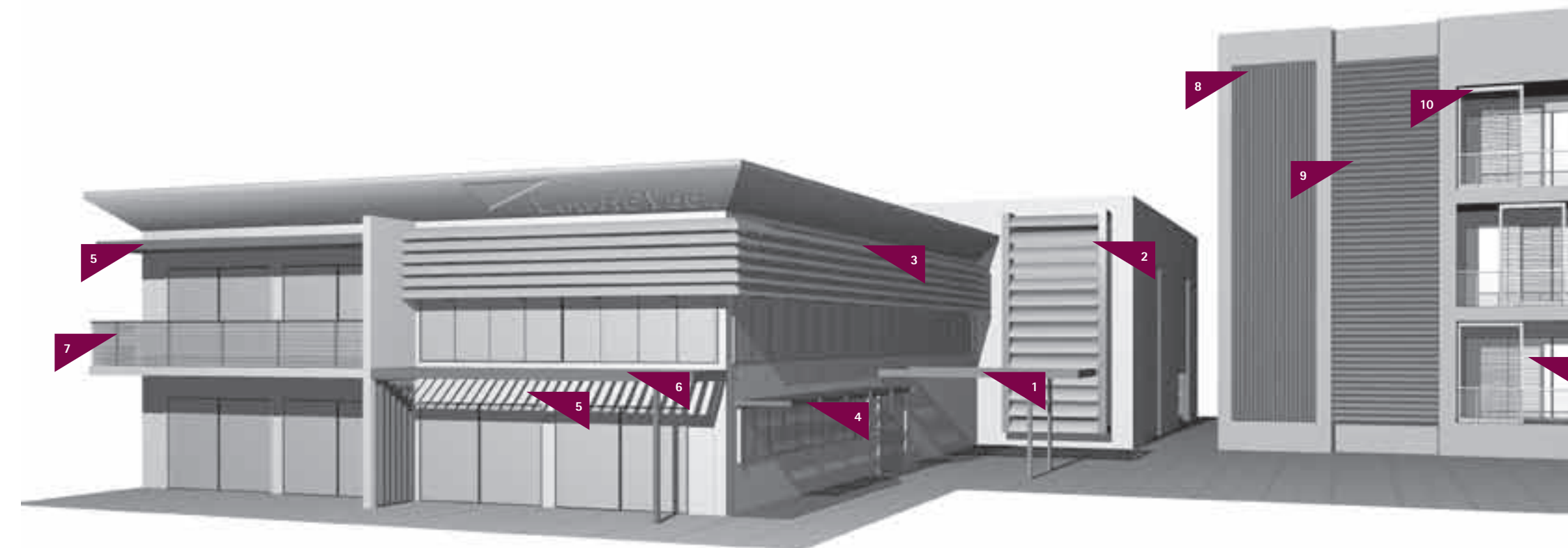
Section numbers relate to 2006 Product Catalogue

- | | | | |
|--|--|---|--|
| 1 Opening Roof – section 4 | 4 Bracket Fixed eyebrows – section 8 | 7 Bi-fold louvre door Fixed or Adjustable – section 7 | 10 End Fixed louvre fence – section 9 |
| 2 Aluminium beams Et posts – section 4 | 5 Build out frame over window Motorised or End Fixed – section 8 | 8 Chimney cowl – section 9 | 11 Kiss Pivot louvre fence – section 9 |
| 3 Eyebrow louvres Motorised or End Fixed – sections 6 Et 8 | 6 Louvreline 200 Panel – section 5 | 9 Double hinged vehicle gate – section 9 | 12 Spiral Pivot louvre fence – section 9 |

- 13 Sliding gate – section 9
- 14 Pedestrian gate – section 9
- 15 Fence infill End Fixed – section 9
- 16 Fence infill Kiss Pivot – section 9
- 17 Fence infill Spiral Pivot – section 9
- 18 Pivot panel – section 9
- 19 Louvre balustrade Adjustable or Fixed – section 9
- 20 Kiss Pivot louvre panel – section 6
- 21 Sliding louvre shutter Kiss Pivot – section 7
- 22 Sliding louvre shutter End Fixed – section 7
- 23 Motorised or End fixed louvre panel – section 8

PRODUCT RANGE COMMERCIAL

Looks Et function at a glance



Section numbers relate to 2006 Product Catalogue

- | | |
|---|--|
| 1 Louvered entry – section 8 | 4 Eyebrow louvres Motorised or End Fixed – section 8 |
| 2 Louvre panel in Motorised or End Fixed – section 8 | 5 Opening Roof x 2 off – section 4 |
| 3 Bracket Fixed louvres with corner mitre – section 8 | 6 Aluminium beams Et posts – section 4 |
| | 7 Louvre balustrade – section 9 |
| | 8 Bracket Fixed vertical louvres – section 8 |
| | 9 Bracket Fixed horizontal louvres – section 8 |
| | 10 Sliding louvre shutter End Fixed – section 7 |
| | 11 Sliding louvre shutter Kiss Pivot – section 7 |

Louvres not only look good, they provide solutions to a wide range of applications.

Here, at a glance shows the range and versatility of some typical

LouvreTec Opening Roofs, Sun Louvre and Shutter applications. All LouvreTec louvres are specifically designed and custom made for each and every application.

Multi-functional design combined with a wide range of styles and sizes ensures a high degree of individuality to every application. Design for the sun wind and rain

with style and confidence.

Shown here are commercial applications, residential overleaf.

Refer to the appropriate Section as indicated for more specific details.

SHADING

The practical application

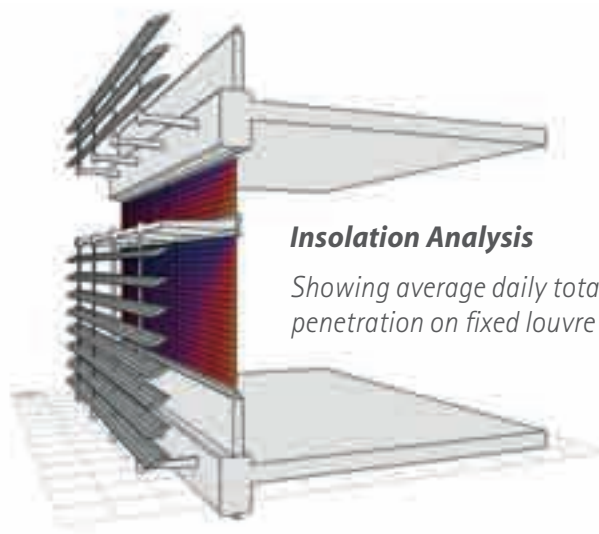
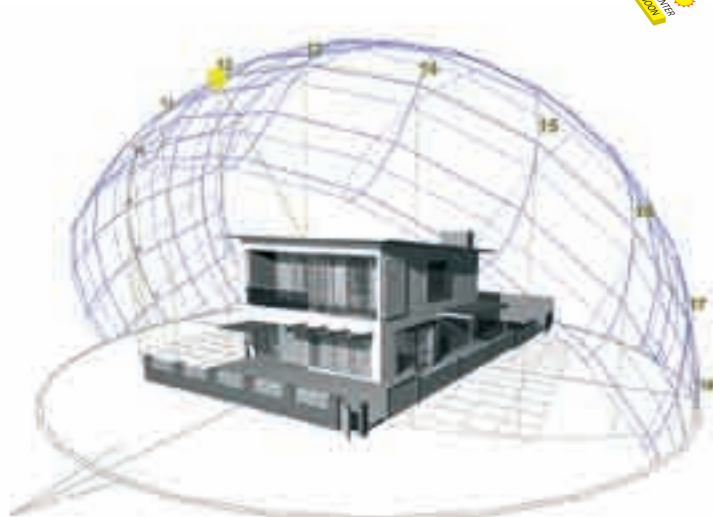
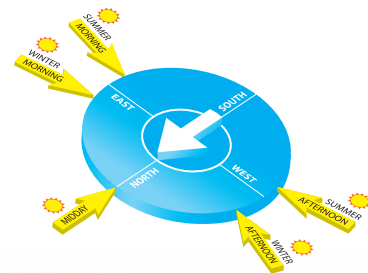
- Good sun control is a cornerstone element of modern eco-friendly architecture.
- Buildings must be pleasant to live and work in all year round.
- Spiralling energy costs combined with issues of renewable resources underline the need to maximise solar benefits.
- Energy costs in heating / cooling buildings designed with little or no thought towards sun control is ongoing and enormous.
- The "one-off" cost of a well designed louvre system will work with zero(fixed blades) or minimal (adjustable blades) ongoing costs every day of the year for the life of the building.
- Modern multi-purpose louvre systems such as presented in this catalogue will not only function efficiently but also enhance any style or period of architecture.

The EcoTect programme not only assists in determining shading requirements, but will also calculate optimum overhead or vertical louvre panel sizes.

Please refer Design Dept. LouvreTec Products.

"...that one can control the sun on the four cardinal points of an edifice and that one can play with it even in a torrid country and obtain lower temperatures..."

Le Corbusier circa 1951



Insolation Analysis

Showing average daily total heat penetration on fixed louvre layout.



70mm Kiss pivot, three panel sliders to deck



Face fixed (upper) & recessed (lower) sliding panels



Three panel sliders as viewed from outside



Single panel external sliding door, 70mm Kiss louvres



Three panel cavity sliding door with end fixed 120 Airfoil



Single panel door viewed from inside with opening roof over



Fixed 70mm bifolding louvre panels



Three panel stacking sliders, end fixed 120 Airfoils



Two panel sliding deck shutters, 70mm Kiss louvres



Bifolding 90mm Louvre Panels



Three panel sliders as viewed from outside



Sliding 90mm Kiss pivot, fixed raking panel above



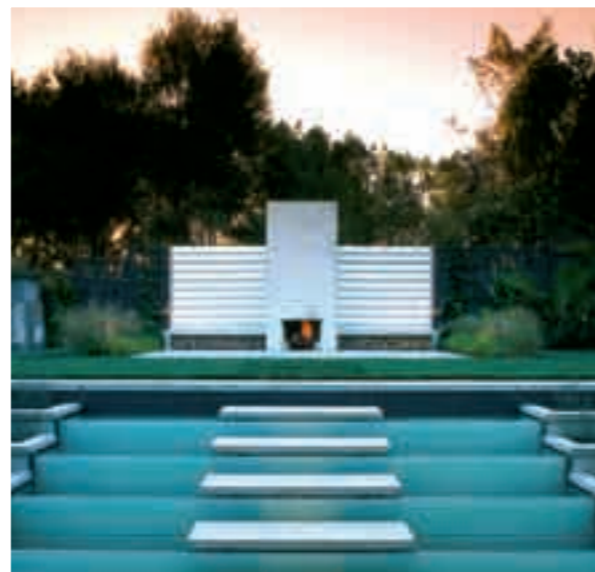
Twelve stories of 180 Airfoils



180 Spiral pivot shutter screen



300 Maxi Louvres, end fixed vertically



Outdoor fireplace screening



Corner mitred maxi louvres



Motorised panels, 120 Airfoils



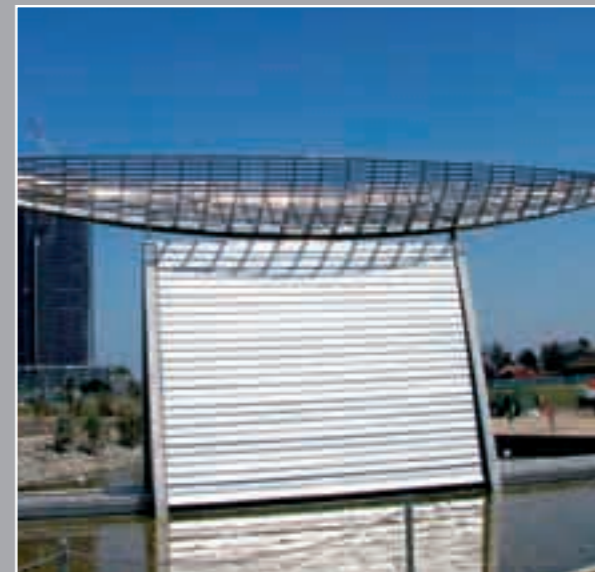
End fixed, corner mitred 300 Maxi louvres



External vertical 180 Spiral pivot privacy to bathroom



Spiral pivot 180 Airfoil, full sun protection



180 Airfoil louvres - Reed Vessel 2002-04 Virginia King, Melbourne



Hand openable 180 Spiral pivot louvres for privacy



End fixed louvres, transforming the renovation



120 Airfoil louvres in pivoting panels - open position



Sliding 180 Airfoil louvre panel, opening roof over



120 Airfoil louvres pedestrian gate



Pivoting panels of 120 Airfoils over deck, fixed triangular top panels



180 Airfoil louvre screens



Pedestrian and vehicle gate on sloping driveway



Two panel adjustable 90mm Kiss pivot gate



Sliding 120 louvre gate with matching motorised wall panel



Sliding gates, chimney cowl, opening roof, deck louvres & motorised louvre panel



Sliding louvre shutters, translucent opening roof over



External sliding 180mm Spiral pivot louvres



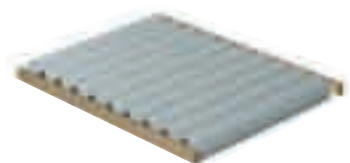
Louvre gate and chimney cowl

OPERABLE LOUVRES

There are two operating systems for LouvreTec Opening Roofs and Sun Louvres.

1. Spiral Pivot System

- Our award winning Spiral Pivot represents a new generation in motorised and hand operated louvre systems.
- There is no visual operating mechanism anywhere to be seen.



- Looks and durability are greatly enhanced as the spiral pivot mechanism fits within a composite 75x50 aluminium box section.
- The system can be hand operated as shown, or
- Motorised using 240v Tubular motors.
- These European motors offer a wide range of installation and control options and are fully compatible with all of today's electrical requirements.

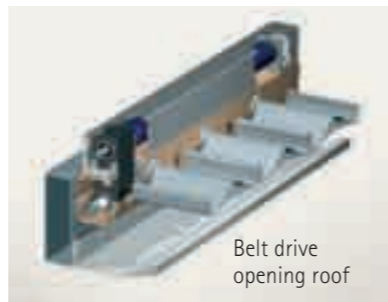
- All blades turn through 180 degrees.



- There are many additional features available – such as Dual Drive Bearings allowing the combination of up to 4 panels on one motor.



- Used on the Opening Roof systems, 150 midi louvre, airfoils, 200 & 300 maxi louvres.



2. KISS Pivot System

- Sealed with a KISS – we are pleased to introduce a new range of internal and external aluminium louvre panels and shutters.
- The louvres are designed around an elegant, simple to operate hand opening pivot system – the KISS Pivot.
- KISS Pivots can be installed in stand alone situations for shelter, privacy protection etc, or as sliding hinged or bi-folding shutters.

- The louvres are simple and easy to use with double drive arms providing finger tip control.
- Each blade closes quietly onto a woolpile closing strip.
- A six point Slidelock holds the blades in the open positions and provides security when blades are closed.
- Used on 70 mini louvre, 90 & 150 midi.



FIXED LOUVRES

There are two methods of fixing LouvreTec Sun Louvres.

1. End Fixed

- All LouvreTec Sun Louvres have internal screw fixing ports.
- This enables the manufacture of panels of End Fixed louvres using a pre drilled Fixing Channel.
- The blades are invisibly fixed and can be set to any angle or to any pitch.
- As illustrated blades can sit within or outside of the frame.
- Used on all mini, midi, airfoil and maxi sun louvres.

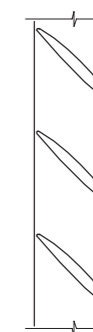


Louvre blades in relation to frame

- 1) Louvres fit outside of frame, End Caps required



- 2) Louvres fit within frame, No End Caps required

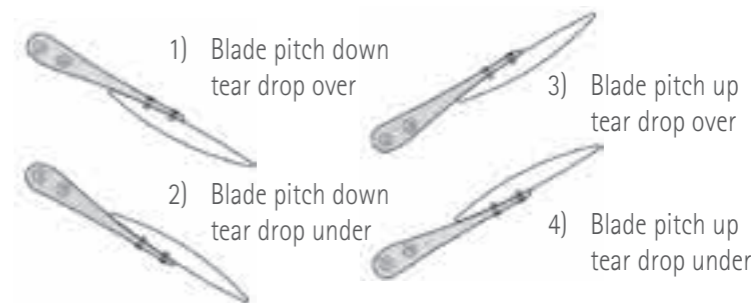


2. Bracket Fixed

- Bracket Fixing provides for continuous runs of louvre blades.
- Blades can be set to any angle and to any centre.
- Blades are fixed to an extruded bracket arm (tear drop) and can be set in four configurations.
- The tear drops are typically fixed to an angle, flat or Tee section – the blades can be vertical or horizontal.
- Used on 70mm mini, all midi, airfoil and maxi sun louvres.

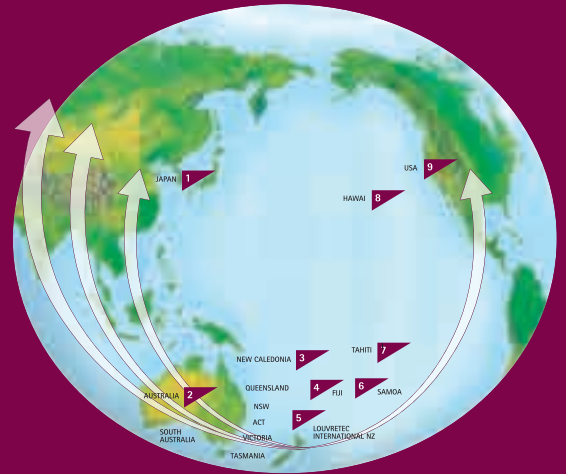


- There are 4 combinations of louvre blade to extruded bracket arm (tear drop) to consider:

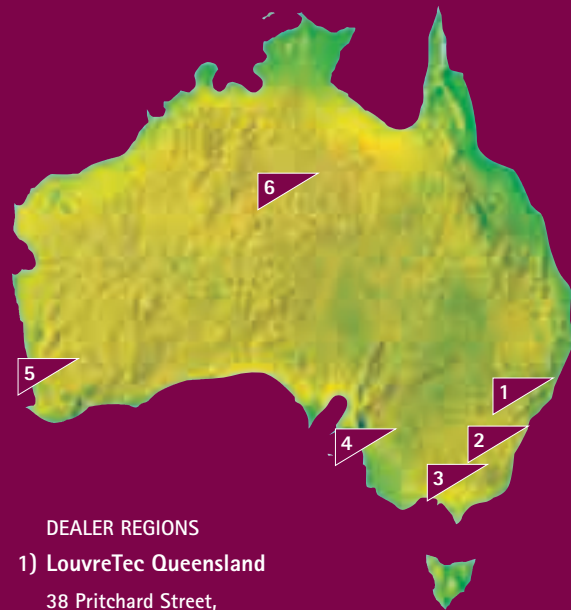




AVAILABLE WORLDWIDE



AVAILABLE NATIONWIDE



DEALER REGIONS

1) LouvreTec Queensland

38 Pritchard Street,
Lytton, Brisbane 4178

T: 07 3893 2333

F: 07 3893 2120

2) LouvreTec Sydney

T: 02 9548 2480 or
0438 448 534

3) LouvreTec Melbourne

30 Frankston Gardens Dr,
Carrum Downs, Mel 3201

T: 03 9770 4184 or
1300 MYLOUVRES

F: 03 9770 4198

4,5,6) LouvreTec South Australia, Western Australia & Northern Territory

For all enquiries regarding
South Australia, Western
Australia and Northern
Territory please contact
LouvreTec in New Zealand

T: 0064 9 415 49 49

F: 0064 9 415 4990

awaylaughting0709037