



**LouvreTec™**

**DESIGNTEC // THE COLLECTION**

[INTERACTIVEVERSION // MAIN MENU](#)

## WELCOME

### DESIGNTEC // THE COLLECTION

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

Designtec covers unique specialised Louvretec installations such as gates, fences, chimney cowls, screens, balustrades, pivoting panels – each installation custom made to the highest criteria.

This brochure covers our Designtec products and is number 5 in a Collection of 6 brochures. Please refer to the back cover for details of the full Collection available.

### CUSTOM DESIGN

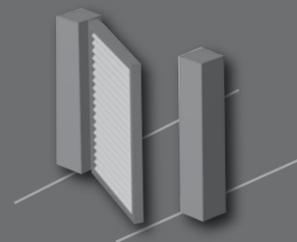
Our wide range of louvre shapes, sizes, fixing systems and operating mechanisms allows for considerable innovation and creativity when considering Designtec products.

We hope this brochure will act both as a guide and a source of fresh new ideas for these types of installations.

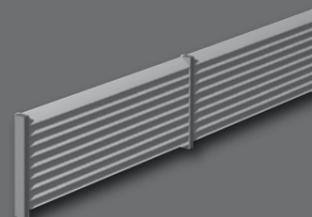
Bill Collins DIRECTOR // LOUVRETEC GROUP

### // CHOOSE FROM 4 TYPES OF LOUVRES

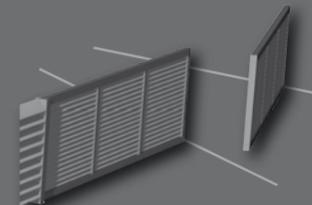
#### ▼ HINGED PEDESTRIAN



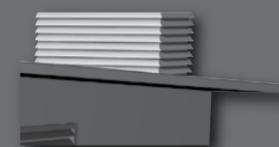
#### ▼ KISS PIVOT ADJUSTABLE FENCE



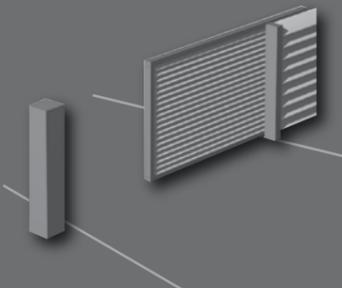
#### ▼ HINGED VEHICLE



#### ▼ CHIMNEY COWLS



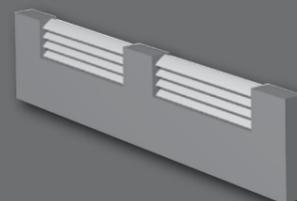
#### ▼ SLIDING GATES



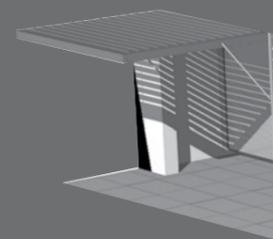
#### ▼ FIXED/ADJUSTABLE BALUSTRADES



#### ▼ FENCE INFILLS



#### ▼ PIVOT PANELS



### INNOVATIVE OPTIONS

A Louvretec gate, chimney cowl or screen infill can often provide that special final touch to your project.

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## HINGED & SLIDING GATES

Louvretec gates have developed a reputation as being the market leading range of aluminium louvred gate systems.

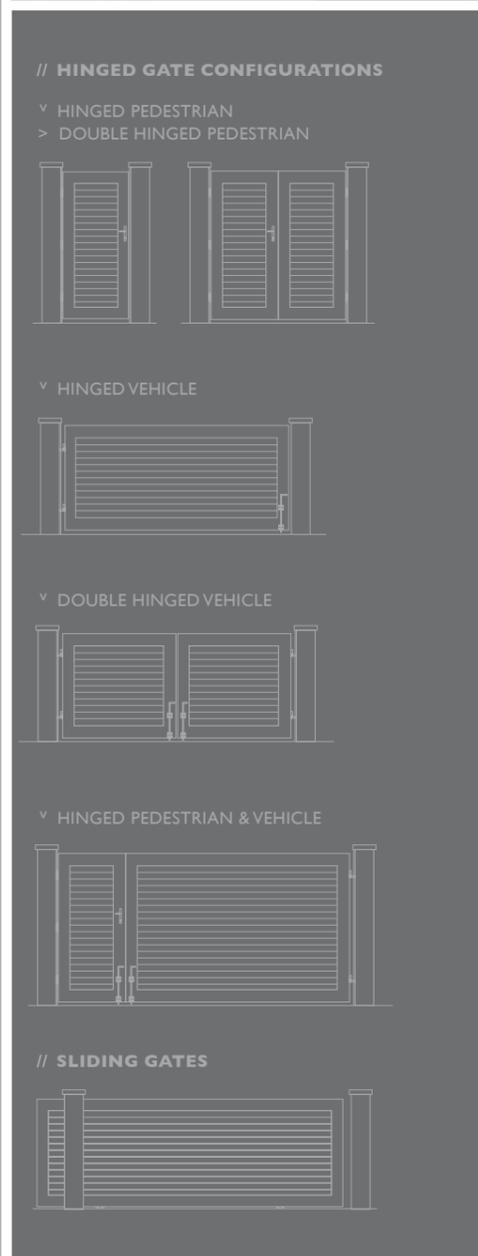
### HINGED GATES

- // All our gates are custom made, each gate specially designed to exactly meet the design and functional requirements of the installation
- // Most of our pedestrian gates, and all of our vehicle gates are superbly finished with 'secret welded' aluminium outer frames, powder coated to a high spec finish
- // All butt hinges and custom-made pivot hinges are manufactured from marine grade stainless steel
- // All hinged gates can be motorised with full security options
- // Louvretec does not undertake gate motorisation but works with a number of specialists in this field.

### SLIDING GATES

- // Louvretec sliding gates are built to the same high standards as our hinged gates
- // Sliding gates can span up to 5.5m as a single panel unit running on two wheels
- // Contact Louvretec for non standard installations
- // All sliding gates can be motorised with full security options.

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1 // 120MM AIRFOIL SLIDING GATE    2 // 180MM AIRFOIL HINGED GATE, WOODGRAIN FINISH    3 // HINGED 120MM AIRFOIL GATE FOR SLOPING DRIVE  
4 // KISS 90MM ADJUSTABLE GATE    5 // DOUBLE HINGED 120MM AIRFOIL GATE    6 // 120MM AIRFOIL SLIDING GATE  
7 // 90MM MISTI PEDESTRIAN AND VEHICLE GATE

## FENCES & FENCE INFILLS

To compliment Louvretec Hinged and Sliding Gates a range of fixed and adjustable fence and fence infills are available.

### TYPES OF FENCES

#### 1 END FIXED BLADES BETWEEN POSTS

// Posts can be timber, aluminium, steel, block work, hebel, plastered etc

// Blades can be any pitch or centre

// Frames to 2 or 4 sides

#### 2 BRACKET FIXED LOUVRE FENCE

// Posts as above, blades continuous at any centre

#### 3 KISS PIVOT ADJUSTABLE FENCE

// Posts as above, choice of 70mm, 90mm or 150mm blades

// Blades hand adjustable

#### 4 SPIRAL PIVOT ADJUSTABLE FENCE

// Posts as above, choice of 120mm, 150mm, 180mm and 200mm blades

// Blades hand adjustable or motorised

## OPERABLE BALUSTRADES

### SPIRAL

Louvretec has extended it's range of operable balustrade systems with the introduction of the Spiral Pivot 120mm Louvrelines, 120mm Flush Panel and the 125mm Weatherboard Panel.

Used vertically the louvres provide full privacy and shelter when closed and rotate through 180 degrees when opened, offering the best of both worlds.

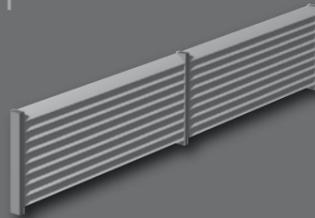
### KISS

Both the 70mm and 90mm Kiss Pivot Louvre system may be used as a hand operable balustrade with the blades running vertically. To meet compliance the blades must be installed within an approved balustrade frame and post system of 1m in height.

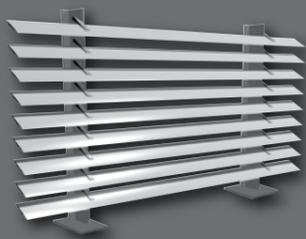
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### // FENCES & FENCE INFILLS

v 1



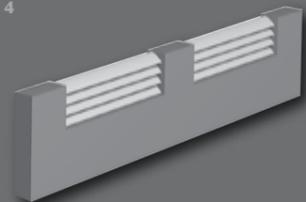
v 2



v 3



v 4



### // OPERABLE BALUSTRADES



1-4 // REFER TYPES OF FENCES 5 // 180MM AIRFOIL FENCE SCREEN 6 // 120MM OPERABLE FENCE 7 // 180MM AIRFOIL FENCE SCREEN 8 // END FIXED 120MM AIRFOIL INFILLS 9+10 // HAND OPERABLE SPIRAL PIVOT 120MM AIRFOILS OPEN-CLOSE 11 // MOTORISED SPIRAL PIVOT 120MM AIRFOILS

## CHIMNEY COWLS

There are many options available when designing louvred chimney cowls and the actual shape or footprint of the cowl is largely dictated by the chimney itself.

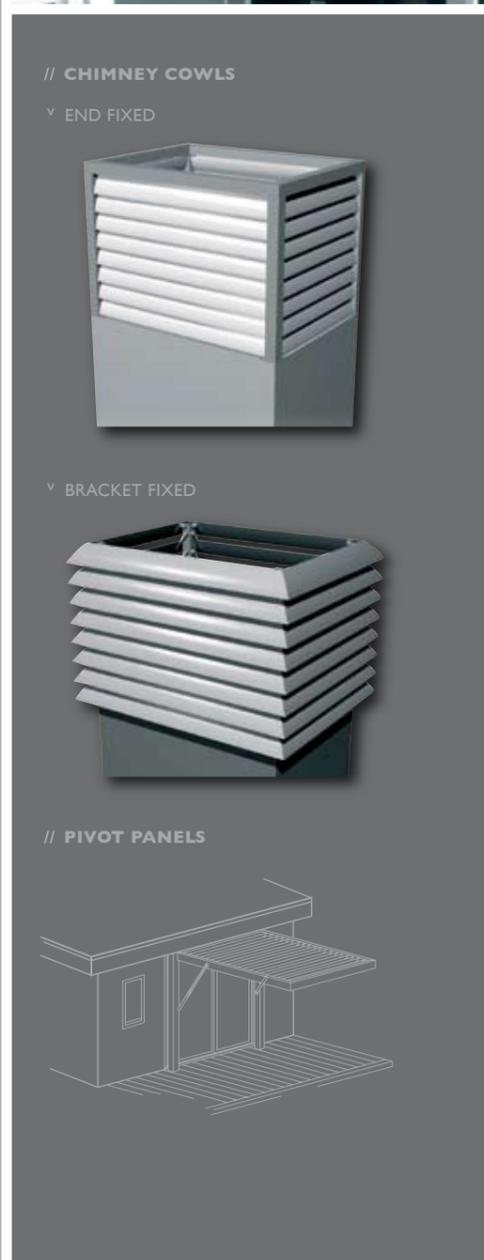
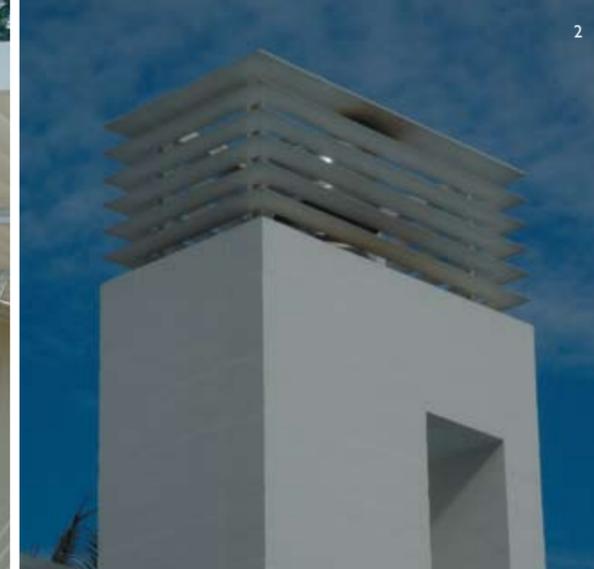
- // Discuss how to achieve the maximum advantage of the extra venting provided by the louvres with your fireplace or wood fire supplier
- // Determine what size of louvre blade will be best suited, both aesthetically and functionally
- // Blades can be end or bracket fixed.

## PIVOT PANELS

Louvretec pivoting panel frames are manufactured from heavy walled aluminium box section providing light weight strength. As there are considerable stresses on a pivoting frame the louvres can only be end fixed. End fixed louvres add to the strength and rigidity of the pivot frame by acting as a bracing panel.

- // The combination of strength and rigidity allows for frame sizes of up to 2400mm wide by 2750mm deep to be achieved
- // The panels are operated in the same manner as opening a station wagon rear door
- // Pivot panels provide for clear, open and uncluttered deck space
- // Give full security when closed, overhead sun protection when open with spectacular effect at all times.

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1 // 120MM AIRFOIL PIVOT PANEL    2 // BRACKET FIXED CHIMNEY COWL    3+4 // END FIXED 120MM AIRFOIL CHIMNEY COWL  
5 // END FIXED 90MM CHIMNEY COWL    6+7 // 120MM AIRFOIL PIVOT PANELS

## SCREENING & VENTILATION

Louvretec can supply a wide range of screening and ventilation grills and louvres. These can range from traditional extruded shapes to more custom designed panels using our architectural louvres.

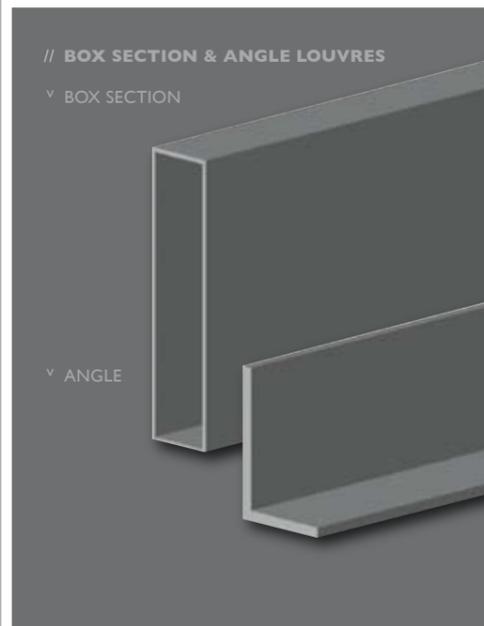
- // Light, airflow, privacy, screening and security can all be controlled with well designed grills and louvres
- // Vermin, bird or insect screening can be incorporated with any of the louvre systems
- // Typical applications are to provide screening to cooling towers, ventilation to plant rooms, car park spaces, basement areas, privacy from neighbours and the like.

## BOX SECTION & ANGLE LOUVRES

Rectangular aluminium box sections provide an alternative to conventional airfoil sun louvres.

- // Box sections are available in a wide range of sizes and can be readily adapted to a variety of installation options
- // Fixing options include end fixing or cantilevering the blades, Louvretec provides custom fitted end caps for both installation options
- // Motorisation is possible adapting the Spiral Pivot system for box sections up to 200mm.

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1 // 300MMX50MM BOX LOUVRES    2 // 120MM CAR PARK VENTILATION    3 // 120MM AIRFOIL VENTS    4 // 65MMX25MM BOX LOUVRES  
5 // 75MMX25MM BOX LOUVRES    6 // 180MM AIRFOIL SCREEN    7 // VENTILATION LOUVRES    8 // 75MMX50MM ANGLE LOUVRES  
9 // 180MM AIRFOIL VENT LOUVRES



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

**LouvreTec**<sup>™</sup>  
OPENING ROOFS / SUN LOUVRES / SHUTTERS

**NEED MORE INFO?** NEW ZEALAND  
P : 0800 LOUVRES (0800 568 873)  
E : [info@louvretec.co.nz](mailto:info@louvretec.co.nz)  
[www.louvretec.co.nz](http://www.louvretec.co.nz)

AUSTRALIA  
P : 1300 MY LOUVRES (1300 695 688)  
E : [info@louvretec.com.au](mailto:info@louvretec.com.au)  
[www.louvretec.com.au](http://www.louvretec.com.au)

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