

Venetian Manual & Electric Blinds

Casstyle® Venetian Blinds offer a wide variety of solutions for daylight control with outward visibility with pleasant indoor comfort.



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A black and white photograph of an office cubicle. The cubicle is furnished with a desk, a laptop, a desktop monitor, a printer, and a telephone. Large windows with Venetian blinds are visible in the background, allowing natural light into the space. The blinds are partially open, showing the view outside.

Venetian Blinds

Solutions for Daylight Control

DESIGN

Casstyle® Venetian Blinds are manufactured with the best materials and paint systems in conjunction with automated assembly methods. With a wide range of design possibilities, perforations, finishes, colours and colour co-ordinated components Casstyle® Venetian Blinds represent the state of the art in daylight regulation.

EASY INSTALLATION

Casstyle® Venetian Blinds can be mounted very easily in a wall or on face of the window and several mounting solutions are available

FUNCTIONALITY

Casstyle® Venetian Blinds hardware systems offer easy installation and operation with durable control mechanism. The systems are developed for optimum daylight and glare regulation with motorisation or manual control. Solutions for special shaped windows, turn and tilt, sloped and double window blinds are also available.

25 mm Petite / 25 mm Mini

25 MM VENETIAN BLIND

Cord operated or motorised 25 mm Venetian Blind with a 25 mm slat, for indoor use.

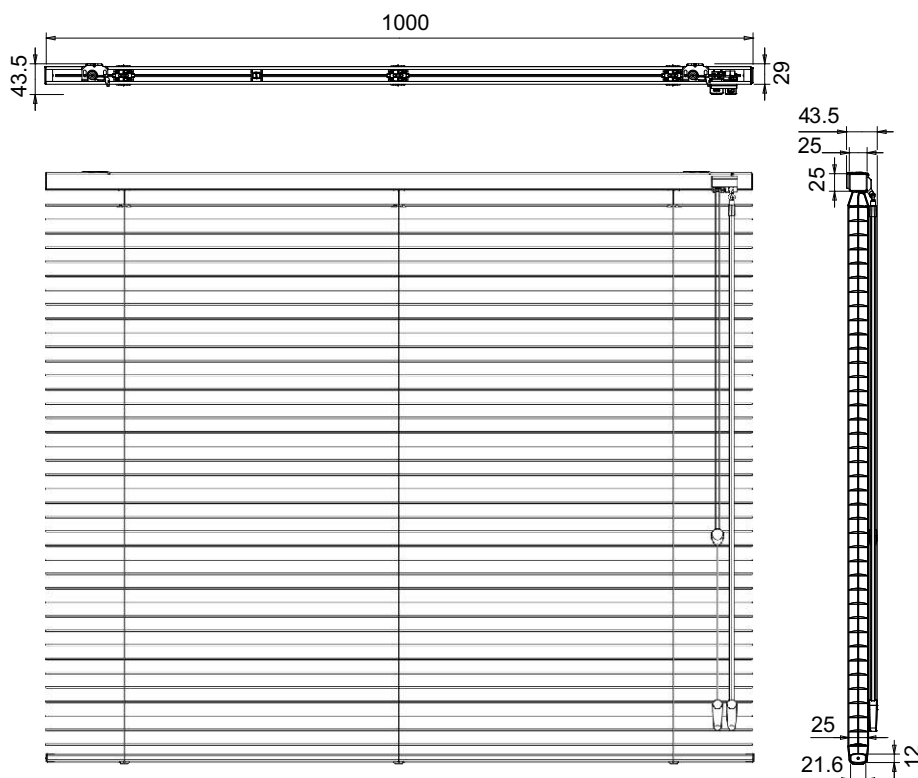
1. PETITE BLIND 25 MM HEADRAIL, 25 MM SLAT

Headrail: A roll-formed steel U section with a dimension of 24.9 x 25.3 mm (w x d) stove-enamelled in colour. The headrail incorporates the tilt and raise mechanism.

Bottom rail: A roll-formed closed, tubular steel section with a dimension of 21.6 x 12 mm stove-enamelled finish. The end caps are durable transparent nylon. The steel bottom rail will not sag or bend and the weight of the bottom rail facilitates a smooth lowering of the blind.

Headrail and bottom rail are colour coordinated with slat colours.

MANUAL CONTROL



Petite Venetian blind, 25 mm headrail with 25 mm slats

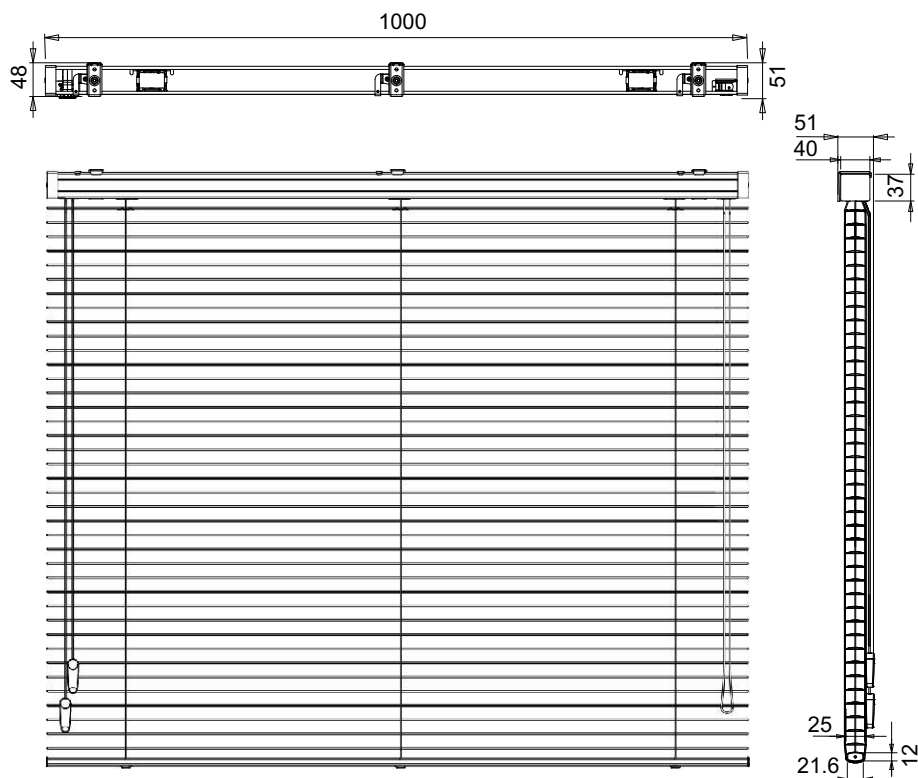
2. MINI BLIND 25 MM SLAT, 35 MM HEADRAIL

Headrail: A roll-formed steel U section with a dimension of 40 x 37 mm (w x d), stove enameled in colour.

Bottom rail: A roll-formed closed tubular steel section with a dimension of 21.6 x 12 mm. Stove-enamelled finish. The width and curvature correspond to the slats. The bottom rail is rigid enough to effectively prevent bending when the blind is raised.

Headrail and bottom rail are colour coordinated with slat colours.

MANUAL CONTROL



Mini Venetian blind, 35 mm headrail with 25 mm slats

MOUNTING MATERIALS

Swivel brackets for either on -or- in recess mounting. Material: steel, zinc plated, thickness 1.25 mm

Installation and intermediate brackets. Material: steel, zinc plated

25 mm Petite / 25 mm Mini

SYSTEM

A strong steel tilt shaft in the headrail ensures a uniform tilting action and holds the slats in the required position. Tilt operation by a polyester rod for blinds, equipped with crystal wand gear. The moving parts require no lubrication throughout their lifetime. The self-locking worm gear ensures positive slat tilting so that the position of the slats cannot be changed unintentionally.

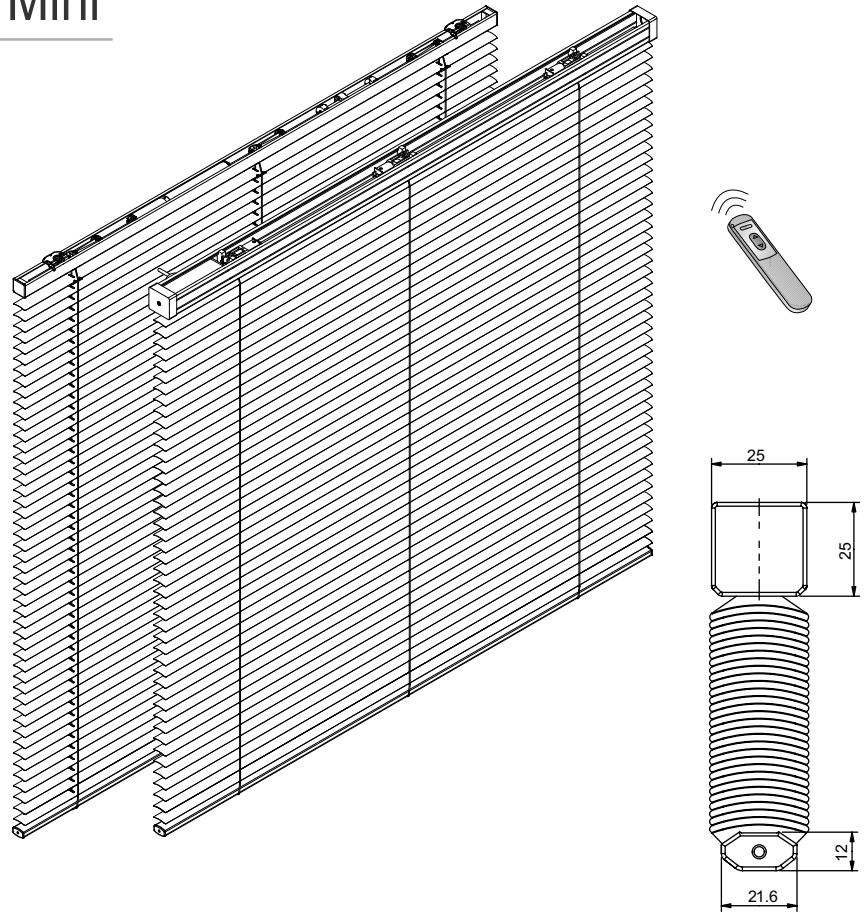
SLATS

Aluminium slats made with a special corrosion resistant aluminium alloy 6011, 25 mm wide, curved and stove-enamelled. The baked enamel finish will not blister or chalk and will make the slats resistant to abrasion, peeling, scratching, dulling, discolouration and corrosion. The unique 'bounce-back' quality will guarantee a longer product life.

OPERATION

Manual operated

The mechanism of the snap-in type spool is entirely enclosed within the headrail and made of plastic to ensure silent operation. Metal parts have been protected against corrosion. Lift operation of the Mini blind is by means of polyester cords via a strong cord lock provided with smooth plain metal dogs for longer cord life. The dogs are actuated and released with cords in vertical position.



Motorised operated

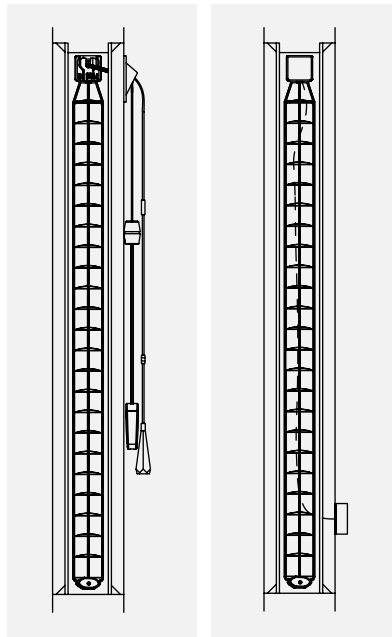
The motorised blind can be operated by a 240V or DC low volt motor. Controlled by switch, remote, group control or BMS.

Please ask for motor and automation specifications.

PARTITION WALLS

An esthetic fusion of design and function. Inside the building there can be many circumstances to integrate Venetian Blinds into glass partitioning: daylight transfer in public areas like bank buildings, schools, libraries or improved privacy in office landscapes, restaurants, hotels, police offices or for high hygienic reasons.

All operation options are available, from a robust rotation knob for tilting only, up to fully motorised operation.



Double window
Lift & Tilt sideview

Double window
Tilt only sideview

OPERATION

Manual Tilt only operation in a totally closed gear housing

- Tilting by a knob cable tilter

Manual Lift & Tilt operation

- Cord to lift the blind
- Flexible tilt rod to tilt the blind

Motorised

- By a low volt DC motor controlled by switch, remote, group control, or BMS

Please ask for motor and automation specifications.

35 mm Aluminium

35 MM VENETIAN BLIND SYSTEM

Cord operated or motorised 35 mm Venetian Blind with a 35 mm slat, for indoor use.

Headrail

A roll-formed steel U section with a dimension of 40 x 37 mm (w x d), stove enamelled in colour. A strong steel tilt shaft in the headrail ensures a uniform tilting action and holds the slats in the required position. Tilt operation by a polyester cord. The moving parts require no lubrication throughout their lifetime. The self-locking worm gear ensures positive slat tilting so that the position of the slats cannot be changed unintentionally.

Bottom rail

A roll-formed closed tubular steel section with double lining on front and backside with a dimension of 34 x 14 mm. Stove enamelled finish. The width and curvature correspond to the slats. The bottom rail is rigid enough to effectively prevent bending when the blind is raised.

Headrail and bottom rail are colour coordinated with slat colours.

SLATS

Aluminium slats made with a special corrosion resistant aluminium alloy 6011, 35 mm wide, curved and stove-enamelled. The baked enamel finish will not blister or chalk and will make the slats resistant to abrasion, peeling, scratching, dulling, discolouration and corrosion. The unique 'bounce-back' quality will guarantee a longer product life.

MOUNTING MATERIALS

Swivel brackets for either on -or- in recess mounting. Material: steel, zinc plated, thickness 1.5 mm.

Installation and intermediate brackets. Material: steel, zinc plated.

OPERATION

Manual operated

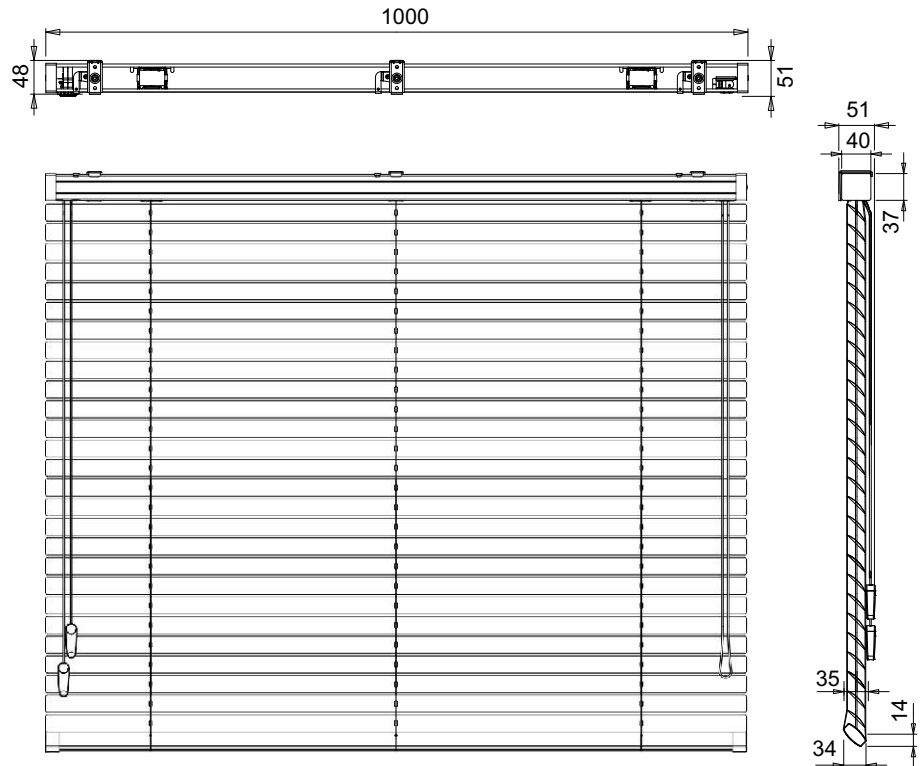
The mechanism of the snap-in type spool is entirely enclosed within the headrail and made of plastic to ensure silent operation. Metal parts have been protected against corrosion. Lift operation is by means of 2.2 mm polyester cords via a strong cord lock provided with smooth plain metal dogs for longer cord life. The dogs are actuated and released with cords in vertical position.

Motorised operated

The motorised blind can be operated by a 240V motor. Controlled by switch, remote, group control or BMS.

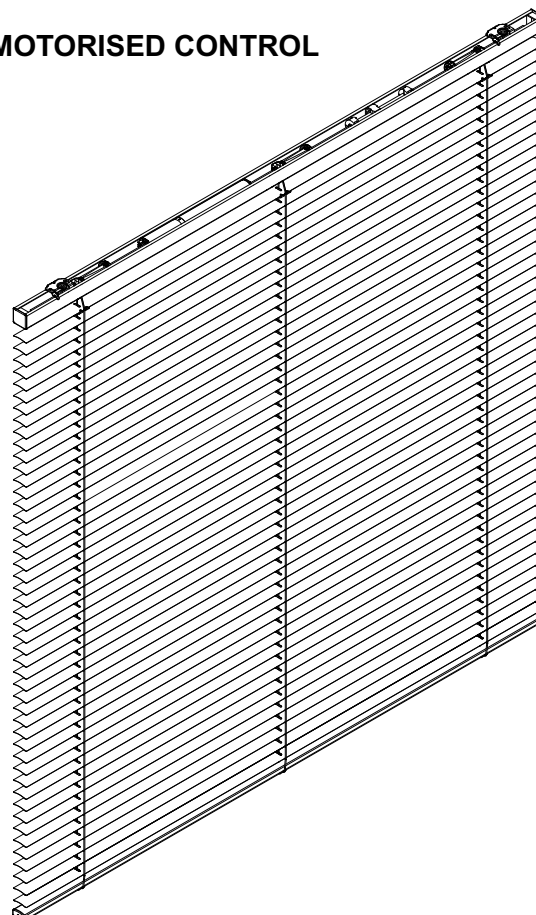
Please ask for motor and automation specifications.

DIMENSIONS



Horizontal Venetian Blind, 35 mm headrail with 35 mm slats

MOTORISED CONTROL



Motorised Blind, 35 mm headrail with 35 mm slats

50 MM VENETIAN BLIND

50 MM VENETIAN BLIND SYSTEM

Cord operated or motorised 50 mm Venetian Blind with a 50 mm slat, for indoor use.

Headrail

A roll-formed steel U section with a dimension of 51 x 57 mm (w x d), stove enamelled in colour. A strong steel tilt shaft ensures a uniform tilting action and holds the slats in the required position. Tilt operation by a polyester cord. The moving parts require no lubrication throughout their lifetime. The self-locking worm gear ensures positive slat tilting so that the position of the slats cannot be changed unintentionally.

Bottom rail

A roll formed closed tubular steel section with dimension of 50 x 20 mm. Stove enamelled finish. The width and curvature correspond to the slats. The bottom rail is rigid enough to effectively prevent bending when the blind is raised.

Headrail and bottom rail are colour co-ordinated with slat colours.

SLATS

Aluminium slats made with a special corrosion resistant aluminium alloy 6011, 50 mm curved and stove enamelled. The baked enamel finish will not blister or chalk and will make the slats resistant to abrasion, peeling, scratching, dulling, discoloration and corrosion. The unique 'bounce-back' quality will guarantee a longer product life.

MOUNTING MATERIALS

Swivel brackets for either on -or- in recess mounting. Material: steel, zinc plated, thickness 1.5 mm

Installation and intermediate brackets. Material: steel, zinc plated.

OPERATION

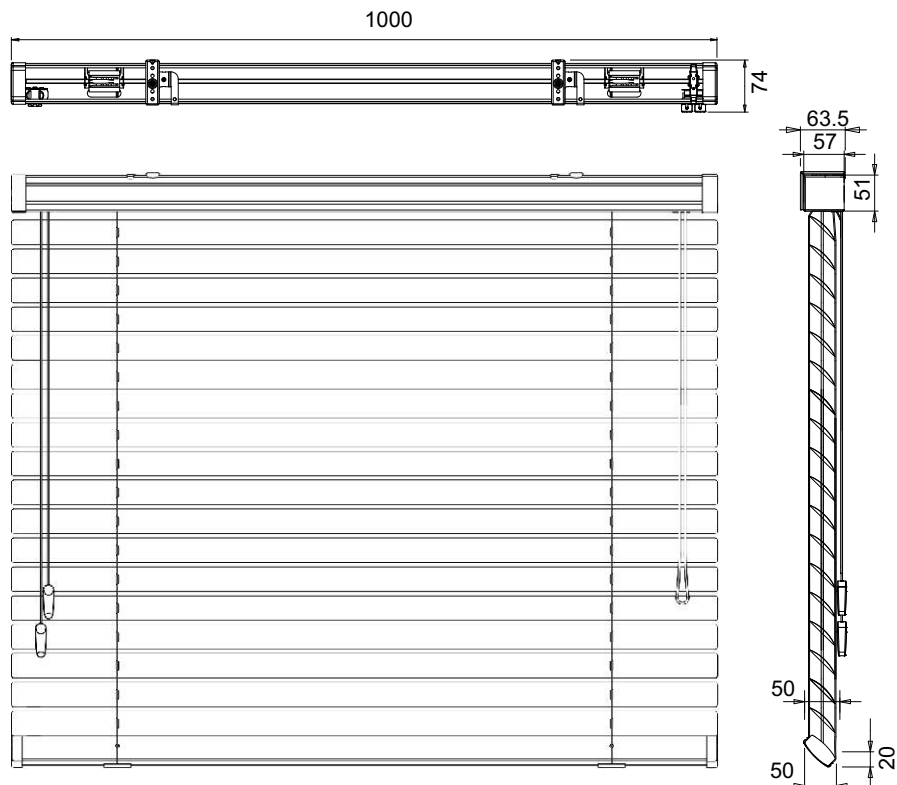
Manual operated

The spool mechanism is entirely enclosed within the headrail and made of plastic to ensure silent operation. Metal parts have been protected against corrosion. Lift operation is by means of 3 mm polyester cords via a strong cord lock provided with smooth plain metal dogs for longer cord life. The dogs are actuated and released with cords in vertical position.

Motorised operated

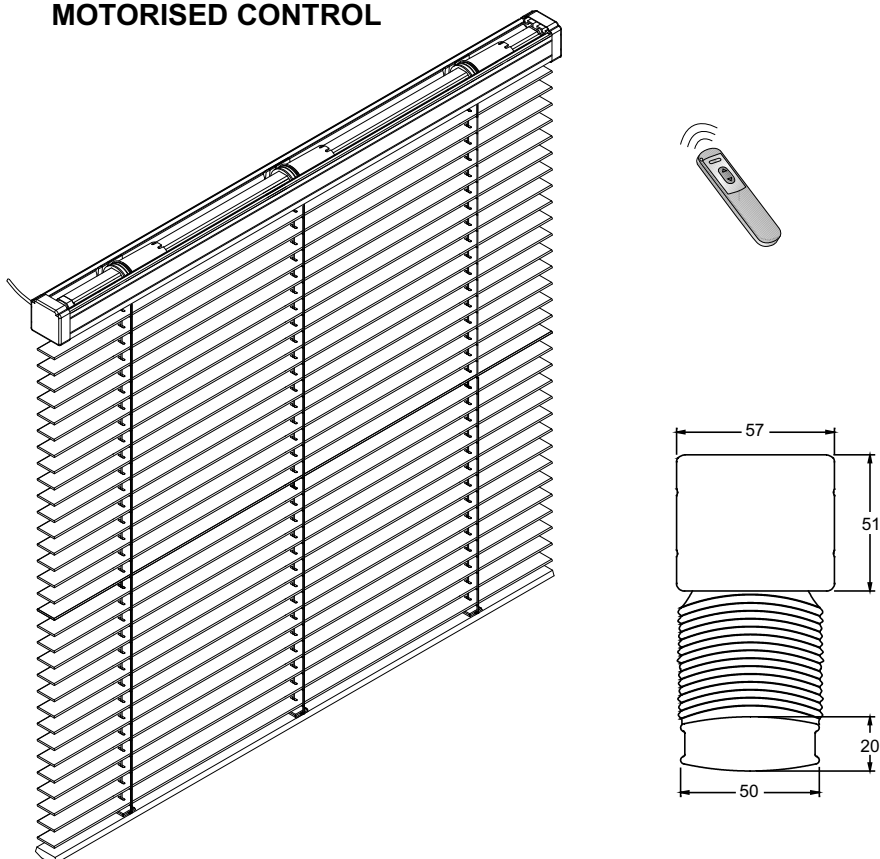
The motorised blind can be operated by a 240V motor. Controlled by switch, remote, group control or BMS.

Please ask for motor and automation specifications.



Horizontal Venetian Blind, 50 mm headrail with 50 mm slats

MOTORISED CONTROL



Motorised Blind, 50mm headrail with 50 mm slats

Indoor Environmental Quality & Productivity

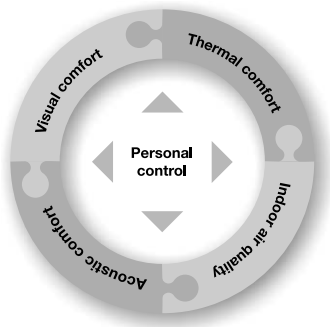
PRODUCTIVITY

Energy saving strategies and natural resources like daylight, can create a comfortable and productive environment for occupants. Smart, sustainable design that provides good indoor environmental quality is a proven and profitable investment. Seemingly small increases of as little as 1% in productivity could result in a much higher payback than the reduced cost of energy.

COMFORT

Comfort can be described as 'the state of mind that expresses satisfaction with the surrounding environment'. Indoor environmental quality has essentially four dimensions:

1. Thermal comfort;
2. Visual comfort;
3. Acoustic comfort;
4. Indoor air quality.



It is an accepted fact that people prefer to experience daylight through visual contact with the outside world. This is therefore, generally recognised as an important factor in influencing people's positive emotional state.

Situations that cause visual discomfort can frequently arise. The light, glare or reflection levels are just too bright and contrasts too large for optimal working conditions.

Workspaces which are comfortable, naturally lit and allow occupants to connect with outdoor space can improve productivity and reduce absenteeism. Research on the relationship between day lighting and productivity shows that the use of daylight without glare resulted in productivity gains in the order of 4%. To fully optimise the benefits of daylight, control systems can be integrated in the sun control solution.

SUSTAINABILITY & INDOOR ENVIRONMENTAL QUALITY

The environmental footprint of a building includes such factors as the use of energy, water, materials and resources. Casstyle® Sun Control Systems and Window Covering products can play an excellent role in reducing the environmental footprint, whilst at the same time enhancing the thermal and visual dimensions of indoor environmental quality.

