



sunset
Integrated Blinds



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About Us

Sunset, originally founded in 1986 under the name TUNCAY CAM IND. TRADE CO. LTD, has evolved and thrived, now conducting commercial activities under the distinguished SUNSET trademark. With a growing presence in both the Turkish and global markets, SUNSET is committed to delivering unparalleled comfort, enduring quality, and energy efficiency through its integrated Venetian blinds. These blinds enhance the aesthetic appeal of various structures, providing a lasting visual allure while simultaneously addressing issues related to dirt, dust, and operational malfunctions.

SUNSET upholds stringent quality standards, attested by ISO 9001:2000, CE, TÜV CERT, TRADEMARK REGISTRY, and UTILITY MODEL REGISTRY certifications. As an esteemed authorized manufacturer and glass processor, SUNSET collaborates with ŞİŞECAM, the world's fifth-largest and Europe's second-biggest glass company. This strategic partnership ensures that SUNSET remains at the forefront of innovation and excellence in the industry.



References

Worldwide References

- The Davis Residence - Orange Country, Florida, USA
- Linnington Avenue Shops - Los Angeles, California, USA
- Gramatan LLC - Ossining, New York, USA
- Glencoe Avenue - Marina Del Rey, California, USA
- Hilltop Terrace - Cliffside Park, New Jersey, USA
- 24 Richardson St. - Brooklyn, New York, USA
- Merit Royal Casino - KKTC
- Rixos Otel - Borovoe - Almaty
- Erbil Gas Power Station - Erbil, Iraq
- Almaty Business Center - Almaty
- Saudi German Hospital - Dubai, UAE

Governmental Buildings

- Presidential Place of Turkey
- Turkish Republic Presidential Huber Mansion
- Ankara Town Hall
- Ministry of Culture and Tourism
- Ankara Provincial Police District Traffic Branch
- Transport and Communications Ministry of Road
- Inspection Station
- Kadıköy Municipality Wedding Hall
- Teknopark İstanbul
- İstanbul Metropolitan Municipality Building
- İzmir Metropolitan Municipality Building
- General Directorate of Highways
- Mamak Metropolitan Municipality Building
- Roketsan

Hospitals

- Acıbadem Hospital
- Yalova State Hospital
- Memorial Hospital
- Capital Hospital
- Taksim Training and Research Hospital
- Sultanbeyli State Hospital
- Medicana International Izmir Hospital
- High Security Psychiatric Hospital Kayseri

Hotels

- Double Tree By Hilton - İstanbul
- Double Tree By Hilton - İzmir
- Ramada Otel - İstanbul
- Tüyap Otel - İstanbul
- Mercure Otel - İstanbul
- Orange Country Otel - Antalya

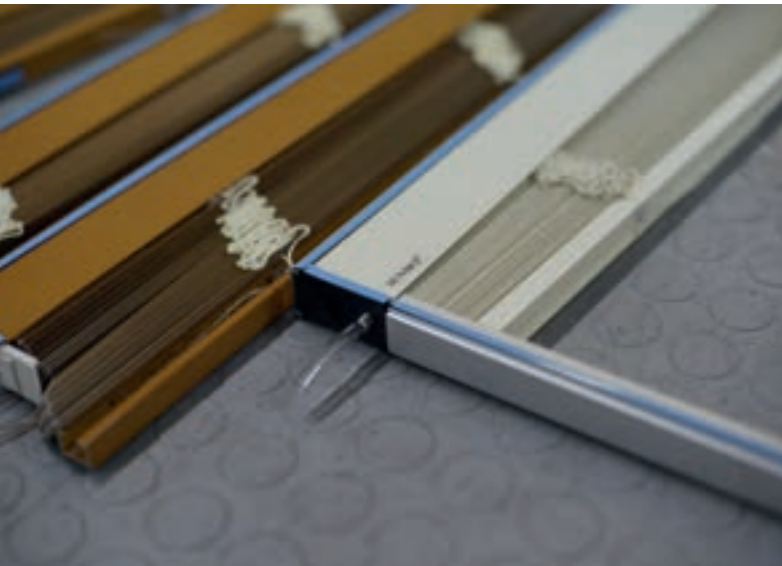
Commercials

- Thrace Industry
- Fenerbahçe Sports Club
- Acun Media
- TMC Production Company
- OPET Petrolcülük A.Ş.
- Petrol Ofisi A.Ş.
- Akkim Chemistry
- Ado Group
- Altunizade Business Center
- Ağaoğlu Group
- Ekşioğlu İnşaat
- Ekşioğlu Yapı
- Sadıkoğlu İnşaat
- Uzunlar İnşaat
- Çolakoğlu İnşaat
- Vogue Business Center
- Vatkalı Tekstil
- Toprak Tourism
- Onka Electrical Materials Company

Schools & Universities

- Üsküdar University
- Marmara University
- Işık University
- Final Schools
- Doğa Schools
- Anafen Private Schools
- Robert College

Our Facilities



Cnc - Glass Processing Center
Packaging & Loading

About Integrated Blinds



What is Integrated Blinds?

Integrated Venetian Blinds are meticulously manufactured through the precision insertion of Venetian blinds and dry air or inert gases within ambient pressure, seamlessly sandwiched between two or more glass panes. SUNSET's integrated blinds systems are available in both Venetian and Pleated blind formats.

SUNSET integrated venetian blinds are ingeniously encapsulated within the cavity of a double-glazed unit, providing an additional layer of protection. The horizontal slats within these blinds afford precise control over the ingress of light into your space, even when fully lowered. This unique feature enables you to strike an optimal balance between privacy and the desired level of natural light by simply adjusting the slats' orientation.



What are the benefits of Integrated Blinds?

Energy Efficiency: Blinds placed between double or triple glazed panes can contribute to the overall energy efficiency of a building. They act as an additional layer of insulation, helping to regulate the temperature inside the space and potentially reducing energy consumption for heating or cooling.

Space Efficiency: Since the blinds are integrated into the window structure, they don't occupy additional space within the room. This can be particularly advantageous in smaller living spaces or areas where maximizing available space is essential.

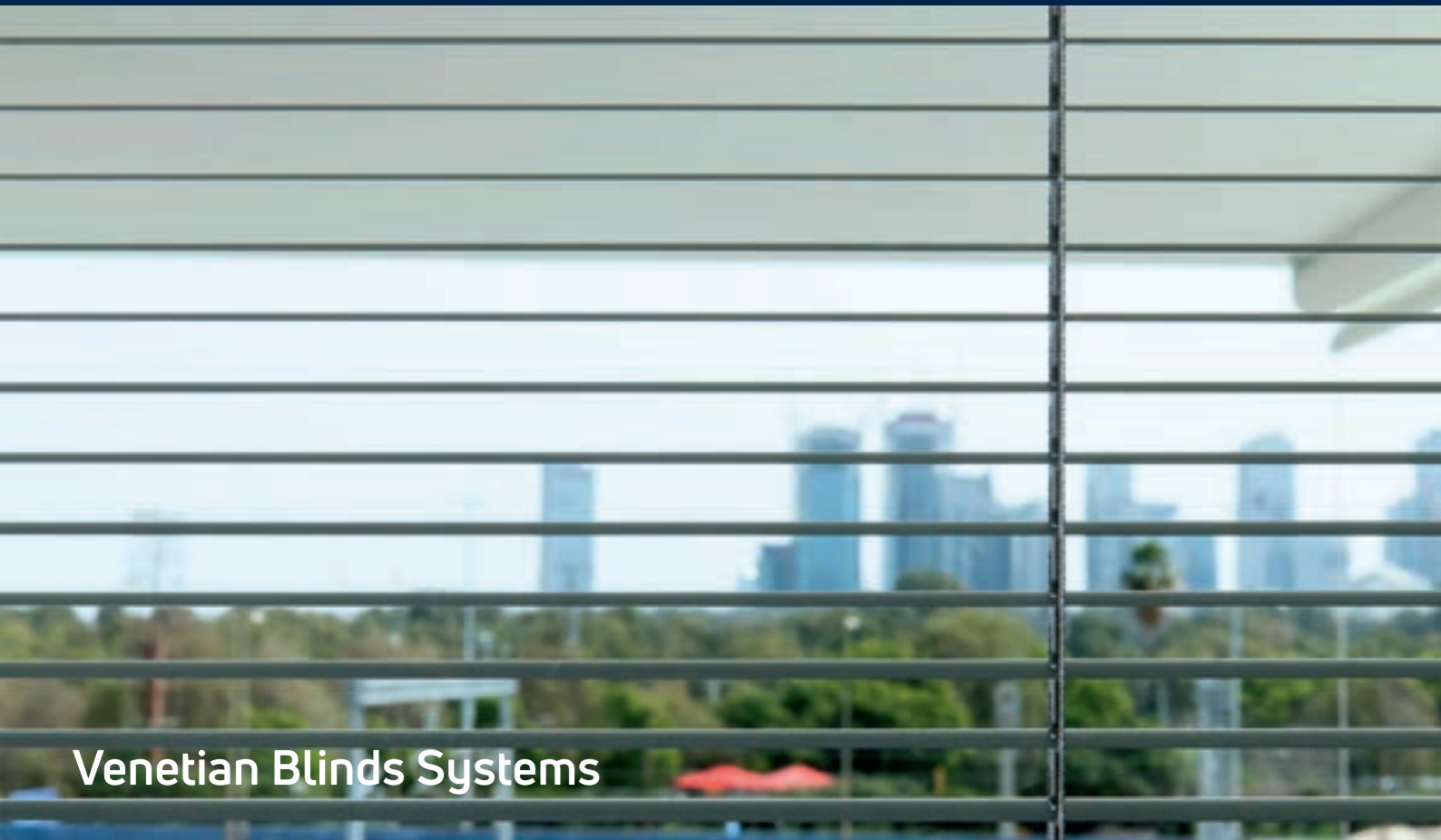
Low Maintenance: One of the significant benefits is the minimal maintenance required. Since the blinds are sealed between the glass panes, they are protected from dust, dirt, and other environmental factors. This eliminates the need for regular cleaning, making them a convenient option for homeowners.

Durability: Being protected within the glazing provides a layer of insulation against wear and tear. This durability ensures that the blinds can maintain their pristine condition for an extended period, contributing to a longer lifespan compared to traditional blinds.

Versatility: The suitability of integral pleated blinds for spaces with condensation or water, such as bathrooms and kitchens, adds to their versatility. This indicates that they are resistant to the moisture present in these environments, making them a functional choice for different areas of the house.

Aesthetic Appeal: The soft diffusion of light described suggests that these blinds can create a visually appealing and comfortable atmosphere. They allow natural light to filter through while maintaining a level of privacy, making them suitable for various rooms in a home.

Shading Systems

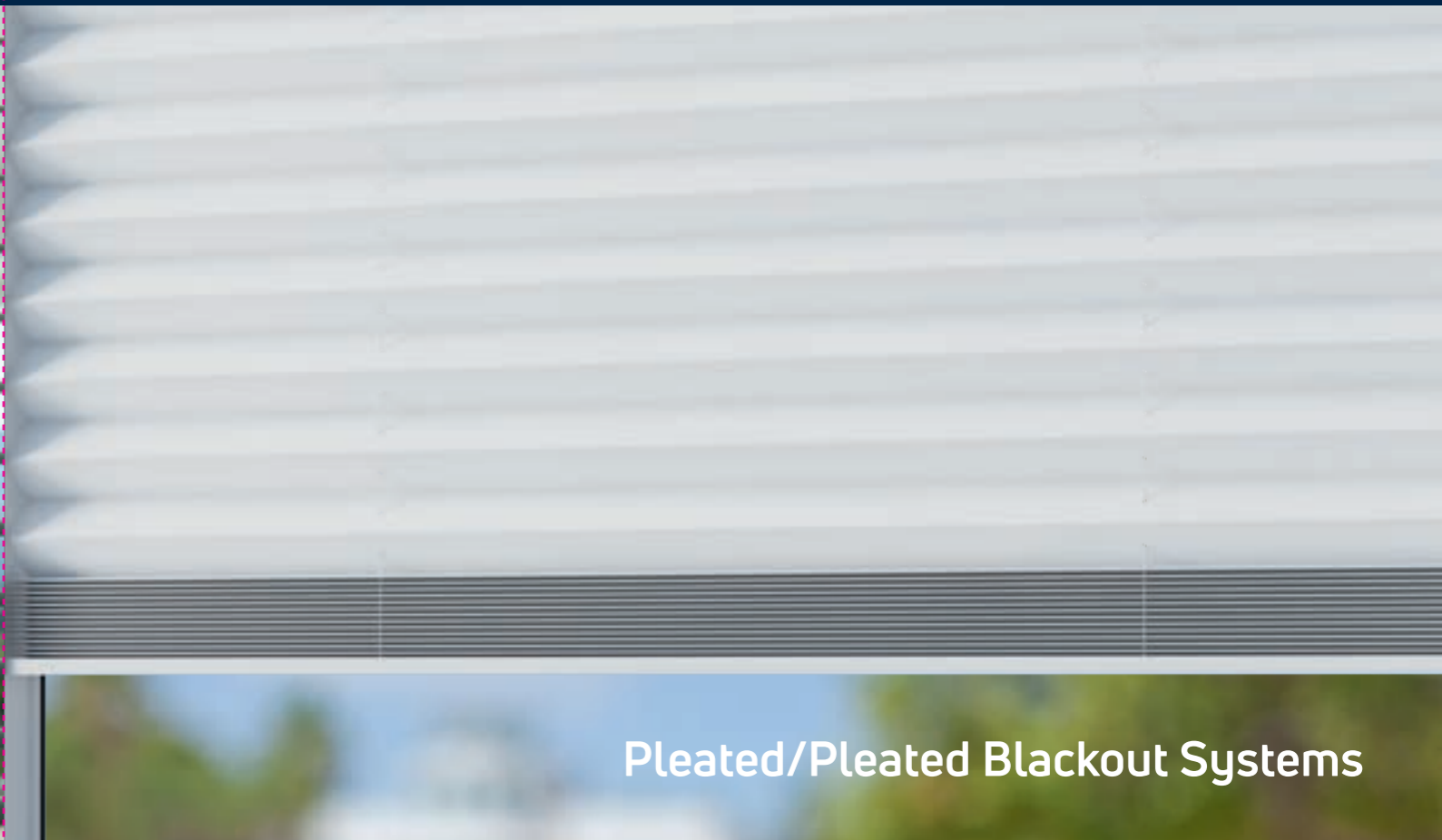


Venetian Blinds Systems

Venetian blinds, characterized by their horizontal slats, provide the flexibility to control the amount of light entering your room even when fully lowered. These blinds offer a perfect balance between privacy and natural light, as you can easily adjust the direction of the slats to either enhance privacy or allow light to flow in as desired. Offering unparalleled protection against the sun's heat and glare. While providing unique protection against the warmth and glare of the sun, venetian blinds do not have disadvantages such as deformation. Additionally, they are suitable for triple-glazed sealed units.

Compatible Systems:

- Chain Operated System
- Slider System
- Button System
- Magnetic Button System
- Motorised System
- Battery System



Pleated/Pleated Blackout Systems

The Pleated Blind is a shading solution made of horizontally pleated fabric. Comprising foldable fabric strips, the Pleated Blind is positioned between the glass panels, providing effective shading even when in a semi-open position. The integration of the Pleated Blind into this system preserves the insulation properties of the glass units while offering advantages such as controlling sunlight, ensuring privacy, and achieving an aesthetic appearance.

The Pleated Blind collection enhances interior design seamlessly with a variety of colors in both translucent and blackout fabrics. Moreover, it is suitable for triple-glazed sealed units.

Compatible Systems:

- Chain Operated System
- Slider System
- Motorised System
- Battery System



Chain Operated System

The Chain Operated System is a patented, manually-operated magnetic system that features a manual raising and tilting function for venetian blinds. This system is integrated within a 16mm or 20mm cavity of double glazing units. An external magnetic device is attached to the glass using strong adhesive tape. This device includes a cord loop and a magnet that fits into the magnetic joint of the internal mechanism. The internal mechanism is housed within the head rail. By manipulating the cord, the magnets rotate, causing the blind to move. A unique cord tensioner on the glass maintains tension in the cord. Chain Operated System is particularly suited for residential use although there are actually no limits to its application. It ensures with time the insulating properties of the double glazing unit, notably protection from dirt and weather conditions. This integrated unit can be installed into the window frame, similar to standard insulated glass.

Usage Detail



Technical Specifications

- Portable detachable exterior mechanism.
- Aluminium head rails and spacer bars painted the same color as the slats.
- Argon gas is injected into all of the blind units, which enhances sound and thermal insulation.
- Reduces solar heat gain by 40%
- Reduces heat loss by 50%
- Low-E coated exterior glass and insulated glass unit filled with argon gas, EN 673 U Value W/m^2K 1.1
- Solar Energy EN 410 Total Transmittance 44%
- Suitable for use in exterior facade glass.



Color Options



Slider System

The Slider System is a patented, manually-operated magnetic system that features a manual raising and tilting function for venetian blinds. This system is integrated within a 20mm cavity of double glazing units. It operates through magnetic slider devices positioned on the right and left edges of the glass. A narrow adhesive transparent profile facilitates the linear movement of the sliders. The blinds are raised or lowered by moving the slider device up or down, and tilting is achieved by slightly lifting or lowering the slider device on the opposite side. Slider System is particularly suited for residential use although there are actually no limits to its application. It ensures with time the insulating properties of the double glazing unit, notably protection from dirt and weather conditions. The integrated unit can be fitted into the window frame like standard insulated glass.

Usage Detail



Technical Specifications

- Portable detachable exterior mechanism.
- Aluminium head rails and spacer bars painted the same color as the slats.
- Argon gas is injected into all of the blind units, which enhances sound and thermal insulation.
- Reduces solar heat gain by 40%
- Reduces heat loss by 50%
- Low-E coated exterior glass and insulated glass unit filled with argon gas, EN 673 U Value W/m²K 1.1
- Solar Energy EN 410 Total Transmittance 44%
- Suitable for use in exterior facade glass.



Color Options



Button System

Button System is designed for manual operation, enabling the tilt-only function of blinds using an external button securely attached to the window frame, for Venetian blinds incorporated within 16mm or 20mm insulating glass units.

The internal system device responsible for transmitting motion from the knob to the blind is completely concealed and sealed within the window frame. This not only guarantees the long-term insulation properties of the double glazing unit but also provides protection against dirt and weather conditions.

These features make the Button System an ideal choice for public places such as hospitals or government offices, where a user-friendly yet highly secure system is required to accommodate a diverse range of users



White

Brown

Anodized

Button Color Options

Technical Specifications

- Portable detachable exterior mechanism.
- Aluminium head rails and spacer bars painted the same color as the slats.
- Argon gas is injected into all of the blind units, which enhances sound and thermal insulation.
- Reduces solar heat gain by 40%
- Reduces heat loss by 50%
- Low-E coated exterior glass and insulated glass unit filled with argon gas, EN 673 U Value W/m^2K 1.1
- Solar Energy EN 410 Total Transmittance 44%
- Suitable for use in exterior facade glass.



Magnetic Button System

The Magnetic Button System is a patented, manually-operated magnetic system designed exclusively for the tilting function of venetian blinds. This system is seamlessly integrated within a 20mm cavity of double glazing units. Its operation relies on a magnetic slider device positioned on either the right or left-hand edge of the glass. The linear movement of the slider is facilitated by a narrow adhesive transparent profile. The blinds can be tilted by moving the slider device up or down.

Magnetic Button System is particularly suited for residential use although there are actually no limits to its application. It ensures with time the insulating properties of the double glazing unit, notably protection from dirt and weather conditions. The integrated unit can be fitted into the window frame like standard insulated glass..



Technical Specifications

- Portable detachable exterior mechanism.
- Aluminium head rails and spacer bars painted the same color as the slats.
- Argon gas is injected into all of the blind units, which enhances sound and thermal insulation.
- Reduces solar heat gain by 40%
- Reduces heat loss by 50%
- Low-E coated exterior glass and insulated glass unit filled with argon gas, EN 673 U Value W/m^2K 1.1
- Solar Energy EN 410 Total Transmittance 44%
- Suitable for use in exterior facade glass.



Color Options



Motorised System

Motorized system is an automatic system with raising and tilting function for blinds incorporated within 20 mm insulating glass units. The blind is raised or lowered via a device consisting of a brushless motor which is powered by Johnson Electric, controlled by a wide range of control units (remote control, manual wall buttons, mobile app on wifi), which allows the simultaneous and synchronized operation of several blinds and the accurate tilting of the slats. The motor and the entire electronic blind management system are positioned within the head rail, on a specially designed slide that will reduce vibrations, thus making the system very silent. No other control device is applied on glass or window frames, since the motor is activated by means of wall-mounted push buttons or remote control (options). The purity of the aesthetic appearance and the high technical performances of the system make it particularly suited to prestigious projects.

99 Channel Remote Control

The group control option allows simultaneous control of all blinds.



- Change the channel
- Raising
- Stop
- Lowering

Technical Specifications

- Aluminum head rails and spacer bars painted as same color as slats.
- Argon gas is injected into all of the blind units, which enhances sound and thermal insulation.
- 24V DC adapter.
- Motorized system allows raising and tilting functions by remote control or wireless wall-mounted push buttons.
- Integrated blind units feature sound and thermal insulation.
- U: 1.1 W/m² K (20mm interspace-Argon gas-4mm Low-E glass)
- Solar energy total permeability is 0.44 W/m² K



Battery System

Battery System is an automatic system with raising and tilting function for blinds incorporated within 20 mm insulating glass units. Experience all the benefits of a motorized system without the need for extensive electrical adaptations. The internal motor of the blind is directly powered by the battery module, eliminating the requirement for wall modifications, floor alterations, or the hassle of pulling electric wires. With a straight forward installation of the window, the Sunset experience is readily available for use.

The blinds are equipped with a rechargeable battery module, which can be conveniently placed on the glass or window frame. This module is energetically self-sufficient and can be recharged using C-type charger.



Technical Specifications

- Portable detachable exterior mechanism.
- Aluminium head rails and spacer bars painted the same color as the slats.
- Argon gas is injected into all of the blind units, which enhances sound and thermal insulation.
- 12V DC adapter.
- Motorized system allows raising and tilting functions by remote control or wireless wall-mounted push buttons.
- U: 1.1 W/m² K (20mm interspace-Argon gas-4mm Low-E glass)
- Solar energy total permeability is 0.44 W/m² K



Color Options



Applications



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