



Panora-View



WE SUPPLY FLEXIBLE GLASS SOLUTIONS

CRYSTAL CLEAR

ErgoSafe AB is a forward-thinking company that develops, manufactures and sells flexible products made of glass and aluminium. Electrically-operated sliding shutters, ClickitUp® glass rails and vertical sliding partitions are all part of our product range. The company was formed in 1996 and has more than 25 years of experience in putting glass into motion in order to create added value to the customer. Through our continual cooperation with our customers and suppliers, we generate new knowledge and innovative drive that we actively process to transform into better products and processes. We find it to be crystal clear that we must always focus upon the end user!

SWEDISH AND SUSTAINABLE

We are a Swedish company with our own factory in Halmstad, where all of our manufacturing and development takes place. This guarantees that you receive products of the highest quality, manufactured by our own well-trained staff. We work within modern equipped premises and within a top-class working environment. Here we produce sustainable products from fully recyclable materials, taking our natural resources into account. We take responsibility for the environment and for people.

QUALITY AND SAFETY

As a forward-thinking company, we constantly focus on quality and safety. We have a great number of customers who place high demands on us as a supplier. We find it obvious that we should live up to such demands. This requires that our products be tested and verified. The legal requirements and tests required depend on the products being sold and where they are installed. All of our electrically operated sliding shutters are CE-labelled in accordance with the Machinery Directive. We conduct product and life-cycle tests using our own test equipment. For third-party verifications, we collaborate with accredited test institutes, such as RISE.

For more information about us and our products, please go to ergosafe.se





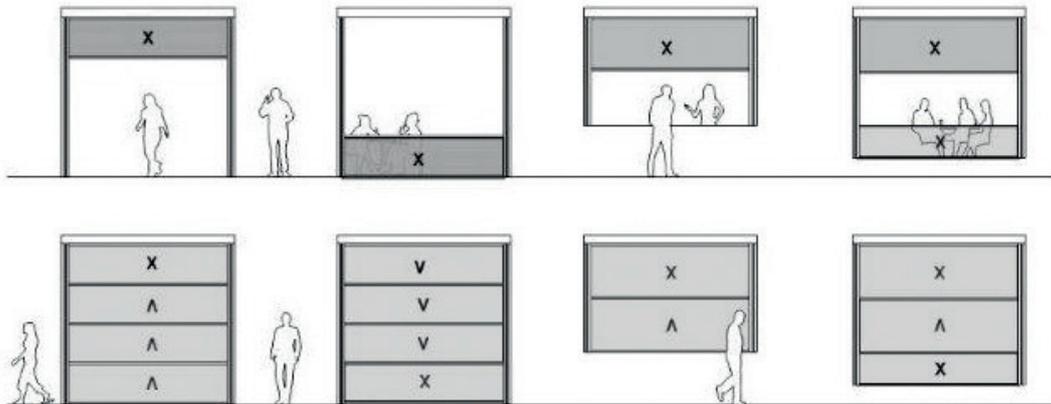
VERTICAL SLIDING PARTITION OPENS UP NEW VIEWS

The Panora-View electrically powered vertical sliding partition creates new possibilities for a room and its floorspace. In just a few minutes, the façade opens up. For restaurants, the vertical sliding partition can offer guests an attractive environment on hot summer days, both inside and out. One option is to create a lounge adjacent to the sliding partition, which would allow for increased occupancy and thus provide what is needed for more satisfied guests. On cold days, the premises can be isolated by the lowered sliding partition.

At arenas, the Panora-View can be used as a boundary to the VIP lounge or to glass-in a press booth. During the match or a concert, the sliding partition is raised so that the guests are able to watch the match/concert together. The glassed-in press booth remains closed when the area is not used, and then it is opened up during broadcast.

Panora-View is available in three different models, (GUL) LIGHT, (GUM) MEDIUM and (GUG) GRAND. All Panora-View models are available for door and window operation, with 8 different configurations and many alternatives.

For more information on Panora-View go to www.ergosafe.se



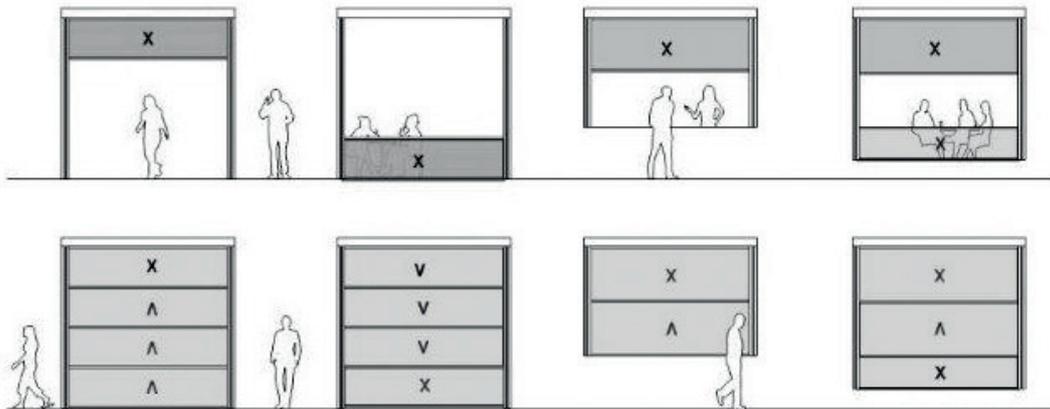
Panora-View (GUL) - LIGHT

- . Available as window and door
- . Economical alternative
- . Single or double glazing
- . Non-thermally insulated frame
- . Pane thickness up to 20 mm
- . Direct-drive 120 mm tubular motor
- . Largest opening area 12 m²
- . Largest operable frame, 140 kg
- . Aesthetic appearance
- . Minimalistic frames 125 mm motor box

Panora-View (GUL) - LIGHT window and door	
Glazing	Standard 8 mm tempered clear glass, up to 20 mm glass pack
Thermally broken profiles	No possible
Maximum width	4.0 m, minimum with 1.2 m
Maximum height	3.0 m
Surfacing	Electrostatic powder lacquer
Motor type	220 V AC 50/60 Hz tubular motor 120 Nm direct drive
Control system	Deadman's handle (press and hold)
Uw value	Uw = 2.1
Airtightness EN 12207	Nominal class 4 / Actual class 3
Watertightness EN 12208	Nominal class A7 / Actual class A7
Resistance to wind load EN 12210	Nominal class 3 / Actual class 3c
Maximum frame weight with glass	140 kg



GUL View is our most cost-effective Panora-View system. Ideal for projects where heat insulation is not a priority and where cost is an important factor. The frames are designed for single or double panes up to 20 mm.



Panora-View (GUM) -MEDIUM

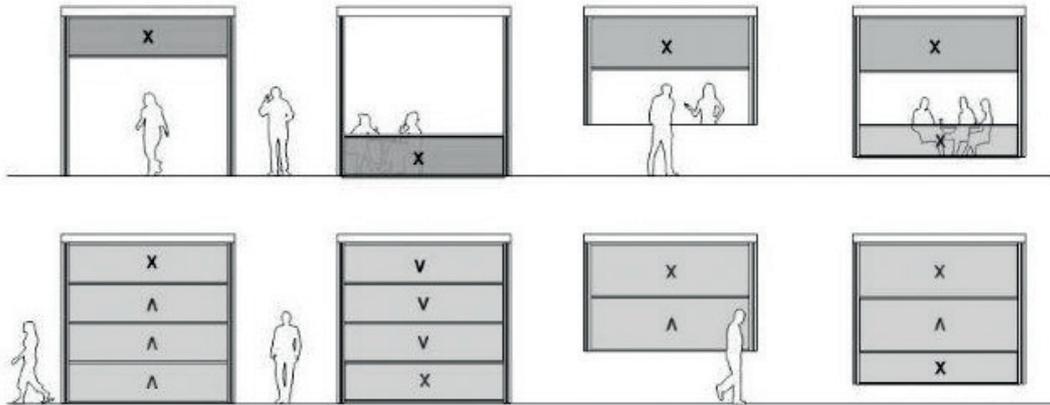
- . Available as windows and doors
- . Best for restaurants, residential and retail projects
- . Thermally broken profiles and frames
- . Excellent heat insulation, $U_w = 1.6$
- . Pane thickness up to 32 mm
- . Gear drive, 120 mm tubular motor
- . Largest opening area 16 m²
- . Largest operable frame, 300 kg
- . Aesthetic appearance
- . Minimalistic frames

Panora-View (GUM) Medium - Window and door

Glazing	Insulating double pane (various options). The total glass thickness may be up to 32 mm.
Thermally broken profiles	All models
Maximum width	4.0 m, minimum with 1.5 m
Maximum height	4.0 m
Surfacing	Electrostatic powder lacquer
Motor type	220 V AC 50/60 Hz tubular motor 120 Nm gear drive
Control system	Deadman's handle (press and hold)
Uw value	$U_w = 1.56$. The total heat transfer coefficient (U_w) can become $U_w = 1.56$ if type Ug 1.1 glass is used.
Airtightness EN 12207	Nominal class 4 / Actual class 3
Watertightness EN 12208	Nominal class A7 / Actual class A7
Resistance to wind load EN 12210	Nominal class 3 / Actual class 3c
Maximum frame weight with glass	300kg



Ideal for projects in which heat insulation is important. GUM systems are made with thermally broken profiles in load-bearing systems, motor boxes and window frames, and they offer excellent insulation. The system gives us a new definition of the architectonic design of façades and walls.



Panora-View (GUG) - GRAND

- . Available as windows and doors
- . Best for restaurants, residential and retail projects
- . Thermally broken profiles and frames
- Excellent heat insulation, $U_w = 1.6$
- . Pane thickness up to 32mm
- . 3-phase 0.55 kVA AC screw operation
- Largest opening area 25 m²
- . Largest operable frame, 600 kg
- . Aesthetic appearance

Glazing

Thermally broken profiles

Maximum width

Maximum height

Surfacing

Motor type

Control system

Uw value

Airtightness EN 12207

Watertightness EN 12208

Resistance to wind load EN 12210

Maximum frame weight with glass

Panora-View (GUG) GRAND - Window and door

Insulating double pane (various options). The total glass thickness may be up to 32 mm.

All models

5.0 m, minimum with 2.0 m

5.0 m

Electrostatic powder lacquer

220 V AC, 3-phase, 0.55 kVA motor, screw operation

Deadman's handle (press and hold)

$U_w = 1.56$ The total heat transfer coefficient (U_w) can become $U_w = 1.56$ if type Ug 1.1 glass is used.

Nominal class 4 / Actual class 3

Nominal class A7 / Actual class A7

Nominal class 3 / Actual class 3c

600 kg



Ideal for projects in which heat insulation is important and large dimensions are required. GUG systems are made with thermally broken profiles in load-bearing systems, motor boxes and window frames, and they offer excellent insulation. The system gives us a new definition of the architectonic design of façades and walls. Opening is done by screw operation offering a high degree of safety.



Electrical Sliding Windows



ClickitUp® Glassbalustrade



Vertical Sliding Windows & Doors

ErgoSafe®
FLEXIBLE GLASS SOLUTIONS

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