

ISOLETTE® Blind

+ Digital Drive & Digital Controller

- Excellent thermal properties
- ▲ Remains clean - dust free
- Stable - damage free
- Durable - commercial quality
- ▲ Excellent energy performance



ISOLETTE® is an insulated window with built-in Venetian blind, fitted within a hermetically sealed space between two glass panes. The unique system offers excellent solar control and energy performance properties all year round, reducing the impact of additional heating and cooling costs. Both standard systems and roof-systems for slanted glazing are available.

Motorised Control



ISOLETTE® blinds are controlled by raising, lowering and tilting the Venetian blind slats to allow as much or as little light as desired. Motorised blinds can be controlled at various levels of sophistication, from wall switch, remote control or BMS system integration. i.e. KNX, LON IoT connected blind control.

- KNX & BMS network integration
- ▲ Solar path timed control
- ◆ IoT digital motors
- Future proof software
- ▲ Fail Proof Installation

Motor Features



- Parallel wiring LL-21 = 8 motors, SMI = 16 motors)
- ▲ One motor for all automation systems
- ◆ Speed regulated motors for slow start/stop
- Applications up to 85°
- ▲ Cycle counter implemented in motor

Control Solutions

LL-21 Controller



- Parallel wiring of up to 8 motors
- ▲ LL-21 Controller with plugs
- ◆ LL-21 Controller housing flush mounted, boxed or on DIN-Rail
- Tilt-only function accessible via dip-switch
- ▲ Different angle accessible via potentiometer

Control Solutions

SMI Controllers



- Online feedback on motor position
- ▲ Online feedback on motor temperature
- ◆ Parallel wiring of up to 16 motors
- Seamless KNX, LON, RS 485 integration

Specifications

Product Details

Product Name:	Vasatec ISOLETTE® I-06 Mod. 1 (Encoder) / Mod. 4 (Tilting)
Shading System:	Venetian Blind Insulating Glass System
Motor:	Vestamatic + CRE LL21 LoVo 24VDC SMI

Dimensions

Glass Space 27 mm

Glass Space 32 mm

Max Width:	2600 mm
Max Height:	2200 mm
Max Area:	4.0 sqm




Max Width:	2600 mm
Max Height:	3000 mm
Max Area:	6.5 sqm

Minimum glass thickness:
Inside pane 6 mm Low-E / outside pane 6 mm tempered

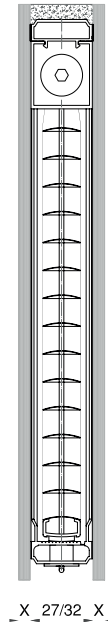
Systems

I-06 Model 1:	Motor drive for lifting, lowering and turning
I-06 Model 4:	Motor drive for turning
I 06 Model KH:	Motor drive for turning - only for heights >3m
I DACH:	Motor drive for turning (horizontal glazing)

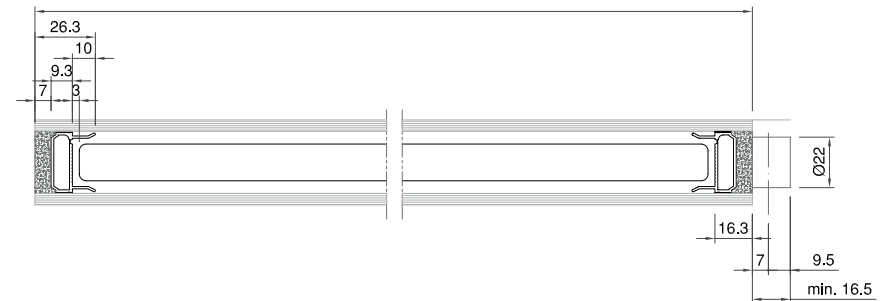
Slat Colors

			
Aluminum 16.035	White RAL 9016	Silver RAL 9006	Bronze Grey RAL 7048

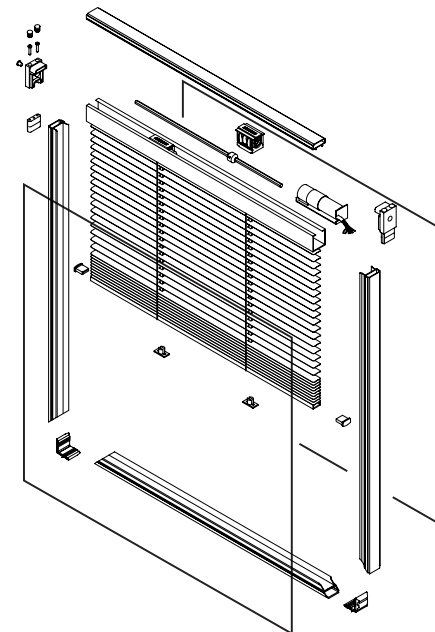
Side Profile



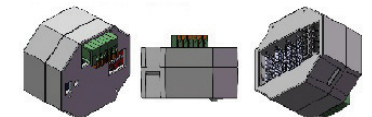
Top Profile



Section



LL21 Controller



Product Information



isolette.de/produkte/isolette

Installation

Isolette® blinds paired with convenient control solutions are available for small, medium to large scale projects for standard and angled glazing applications.



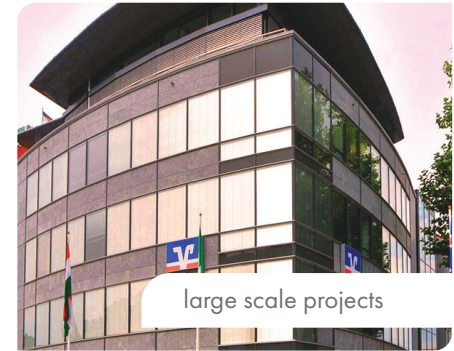
Standard System



Angled glazing System



Small to medium projects



large scale projects



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Vasatec Solution Cards for more information on shading systems, control and integration options.

System

Automation

Motor & Connection

vasatec-contractshading.com/solution-cards