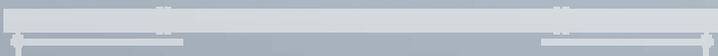


Voilà



SURFACE-MOUNTED
OPERATOR FOR
SWING-LEAF
BLINDS AND SHUTTERS



CAME

Voilà

The pleasure of opening and closing blinds.

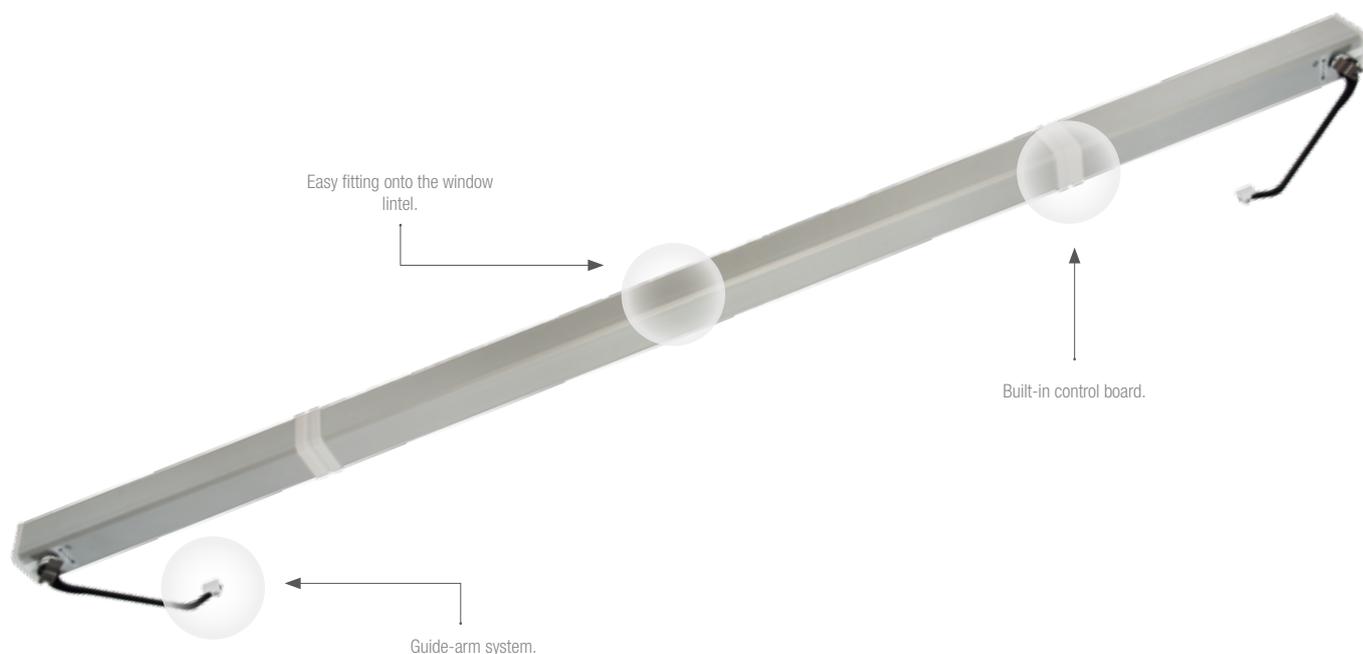
Voilà is the Came solution for powering the opening and closing of blinds and shutters with one or two swing leaves - without you having to lean out of windows. A simple click from the wall-mounted selector, or while walking around, by using the radio transmitter, and your blinds and shutters start moving smoothly and silently. The operator is easily fitted to the window lintel, on either new or already installed windows, and so needs no costly set up jobs. The 24 V DC motor is ideal for residential settings that need a safer and efficient operator, that even works during power outages, thanks to the supplied emergency batteries. Among the available features there is the partial opening of the leaves and the burglar-proof blocking system for when the leaves are closed.



SINGLE PANEL



JOINTED PANEL



Limits to use

Model	Max leaf weight (kg)	Type of blinds	Overall dimensions operators beam height (mm)	Overall dimensions operator beam width (mm)
Voilà	35	Single panel Jointed panel	71.5	78.5
Minimum depth between door and frame (mm)	Minimum dimension single leaf (mm)	Minimum dimensions double leaf (mm)	Maximum dimensions single leaf (mm)	Maximum dimension double leaf (mm)
90 with curved arm 110 with batteries and curved arm 130 with adjustable curved arm 160 with adjustable curved arm VLR09 165 with adjustable curved arm VLR10	500 750 with battery	720 with VLR07 and VLR10 820 with VLR08 900 with VLR09 970 with batteries	1050	2100

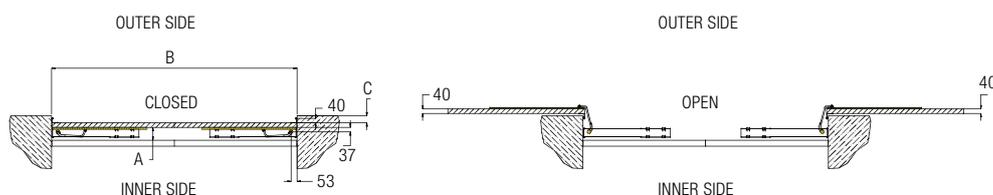
**Voilà
fits perfectly
onto any blinds
or shutters.**



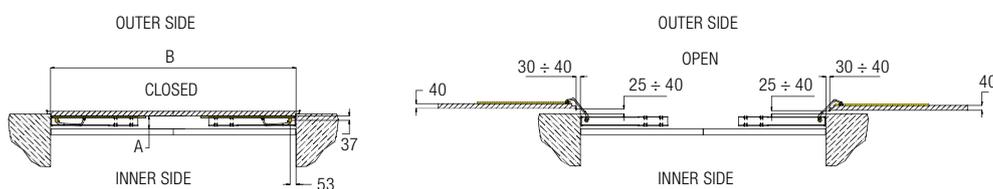
Guide to fitting two swing-leaf blinds

Two swing-leaf blinds, single panels with 001VLR07XX curved transmission arms.

1 Panels back with respect to the wall.



2 Wall-flush panels.



RECESS MEASUREMENTS FOR PROPER FITTING (mm)

A - min. without batteries	90	90
A - min. with batteries	110	110
B - min. without batteries (001VLR02)	720 ÷ 2100 max.	720 ÷ 2100 max.
B - with batteries (001VLR02)	970 ÷ 2100 max.	970 ÷ 2100 max.
B - min without batteries (mm) (001VLR01XX)	500 ÷ 1050 max.	500 ÷ 1050 max.
B - with batteries (mm) (001VLR01XX)	750 ÷ 1050 max	750 ÷ 1050 max
S	60	0

The art of living comfort and control.

The accessories of the **ART** line stand out immediately for their essential and high-tech content design.

The Vivaldi range of hand-held timers and transmitters feature a unique squared outline and exclusive blue LED frame. Whereas it's the smooth, elegant lines and ergonomic keys that make the difference on the Wagner radio transmitters.

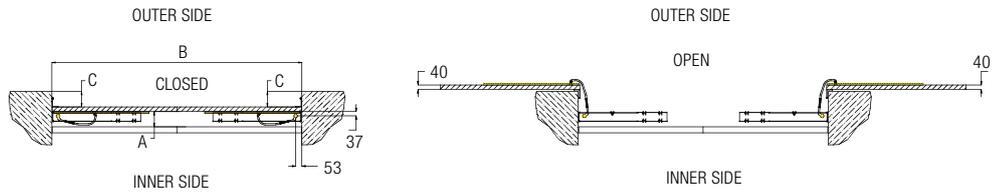


Wagner.

- Up to five configurable channels.
- Ergonomic keys.
- Red LED to show battery state.
- Compatible with Came TAM and TOP protocols.
- Wall mounted support.
- Wagner 5 with self-learning feature.

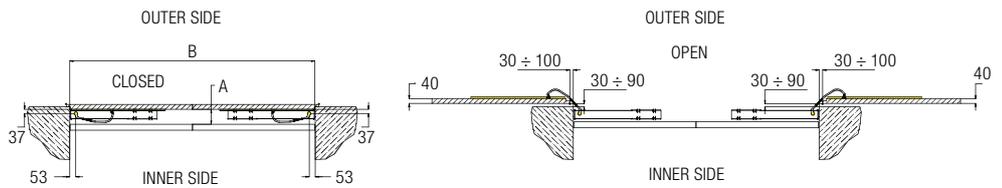


Two swing-leaf blinds, single panels with 001VLR08XX curved adjustable transmission arms.



RECESS MEASUREMENTS FOR PROPER FITTING (mm)

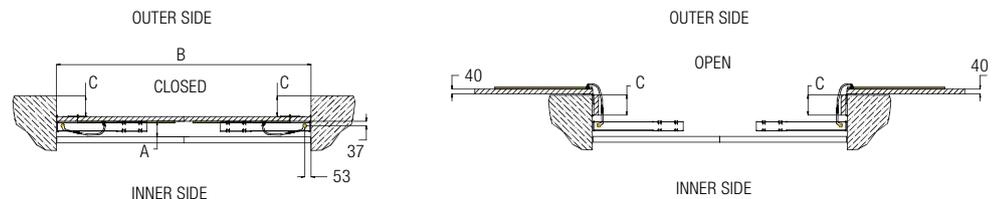
T - min	130
B - min without batteries (mm) (001VLR02)	820 ÷ 2100 max
B - min with batteries (mm) (001VLR02)	1070 ÷ 2100 max
B - min without batteries (mm) (001VLR01XX)	500 ÷ 1050 max
B - min with batteries (mm) (001VLR01XX)	750 ÷ 1050 max
S - min	130 ÷ 170 max



RECESS MEASUREMENTS FOR PROPER FITTING (mm)

T - min	130
B - min without batteries (mm) (001VLR02)	820 ÷ 2100 max
B - min with batteries (mm) (001VLR02)	1070 ÷ 2100 max
B - min without batteries (mm) (001VLR01XX)	500 ÷ 1050 max
B - min with batteries (mm) (001VLR01XX)	750 ÷ 1050 max

Two jointed swing-leaf blinds, single panels with 001VLR08XX curved adjustable transmission arms.



RECESS MEASUREMENTS FOR PROPER FITTING (mm)

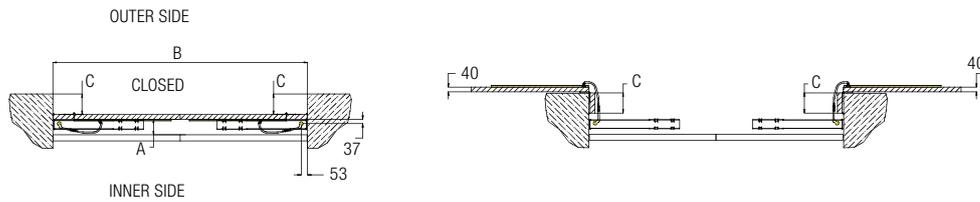
T - min	130
B - min without batteries (mm) (001VLR02)	820 ÷ 2100 max
B - min with batteries (mm) (001VLR02)	1070 ÷ 2100 max
B - min without batteries (mm) (001VLR01XX)	500 ÷ 1050 max
B - min with batteries (mm) (001VLR01XX)	750 ÷ 1050 max
C - min	140 ÷ 170 max

Vivaldi Monotouch.

Vivaldi Monotouch is a one-channel hand-held transmitter with a standard issue wall-holder. 433.92 Mhz, 24 bit, 4,194,304 combinations. It can control either one or a group of different operators. Featuring a luminous LED crown it turns on while TRANSMITTING. Compatible with the CAME TAM protocol.



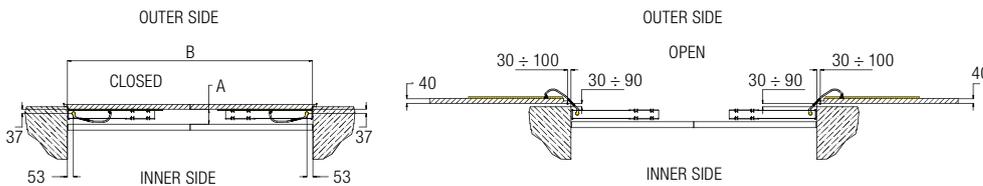
Jointed swing-leaf panel blinds with 001VLR09XX curved transmission arms.



RECESS MEASUREMENTS FOR PROPER FITTING (mm)

T - min	160
B - min without batteries (mm) (001VLR02)	900 ÷ 2100 max
B - min with batteries (mm) (001VLR02)	1150 ÷ 2100 max
B - min without batteries (mm) (001VLR01XX)	500 ÷ 1050 max
B - min with batteries (mm) (001VLR01XX)	750 ÷ 1050 max
C - min	170 ÷ 240 max

Single panel swing-leaf blinds with 001VLR010XX curved transmission arms.



RECESS MEASUREMENTS FOR PROPER FITTING (mm)

A - min	165
B - min without batteries (mm) (001VLR02)	720 ÷ 2100 max
B - min with batteries (mm) (001VLR02)	1070 ÷ 2100 max
B - min without batteries (mm) (001VLR01XX)	500 ÷ 1050 max
B - min with batteries (mm) (001VLR01XX)	750 ÷ 1050 max
S - min	flush with wall

Home automation & Voilà: control and comfort to live well.

Voilà perfectly integrates with the hej home **automation** system, by adding the corresponding modules. This lets you centrally manage and coordinate each device fitted indoors and outdoors of your home, including blinds, shutters, awnings and rolling shutters, thanks to the touch display of the hejTouch series as well as away from home via smartphone, tablet or PC that are connected to the internet through a dedicated application.



Benefits become solutions

FOR THE FITTER. UTMOST SIMPLICITY, SPEED, ADAPTABILITY

- Encoder-based movement control.
- Programmable options, maintained actions, adjustable maneuvering and slow-down speed; sensitivity adjusting, slowed down start and closing and immediate closing in case of power outages.
- Quick and easy fitting: all you need is a few quick tasks to get your operator working.
- Takes up very little space, and can be fitted even with mosquito screens.
- A wide range of radio controls compatible with: Top, Tam, Twin, Atomo, Top 862.35 Mhz, Vivaldi and Wagner.
- Compatible with the Came home automation system, by using the RSE interface.
- Works during blackouts thanks to the emergency batteries.

FOR THE USER, USER-FRIENDLY, SAFE, ENERGY-SAVING

- Burglar-proof system boosted by the safe anti-blocking system, if the leaves are closed.
- During power outages, the battery-operated emergency system kicks in so the leaf can perform up to ten complete movements.
- No heat loss, remarkable energy savings.
- The Voilà operator is designed to fit in discreetly while completely respecting the aesthetics of your home.
- Openings control with a single transmitter of the Came range.
- Smooth silent movement.
- If there are any obstructions, maximum safety is ensured thanks to the immediate inversion of movement.



EN TESTED safety

An electromechanical EN TESTED branded system always ensures safe controlled operation of moving doors, in compliance with current legislative standards in terms of impact forces.



Guaranteed by 24 Volts

Systems running at 24 Volts are super safe to use and very reliable under intense working conditions, such as those found at residential apartment complexes and industrial facilities. Moreover, 24 Volt systems work even during power outages, thanks to the optional batteries.



Read up at came.com on the entire range of Came products!

Came is a leading home automation, industrial and special plant technology projects manufacturing company.

A full range of household solutions: from operators for gates and garage doors, to shutter and awning winding motors, and even home automation control, to burglar proof and video entry systems. Technology and reliability to serve your business, thanks to solutions designed for powering large industrial doors, automatic doors, street barriers, turnstiles, access controls and parking facilities.

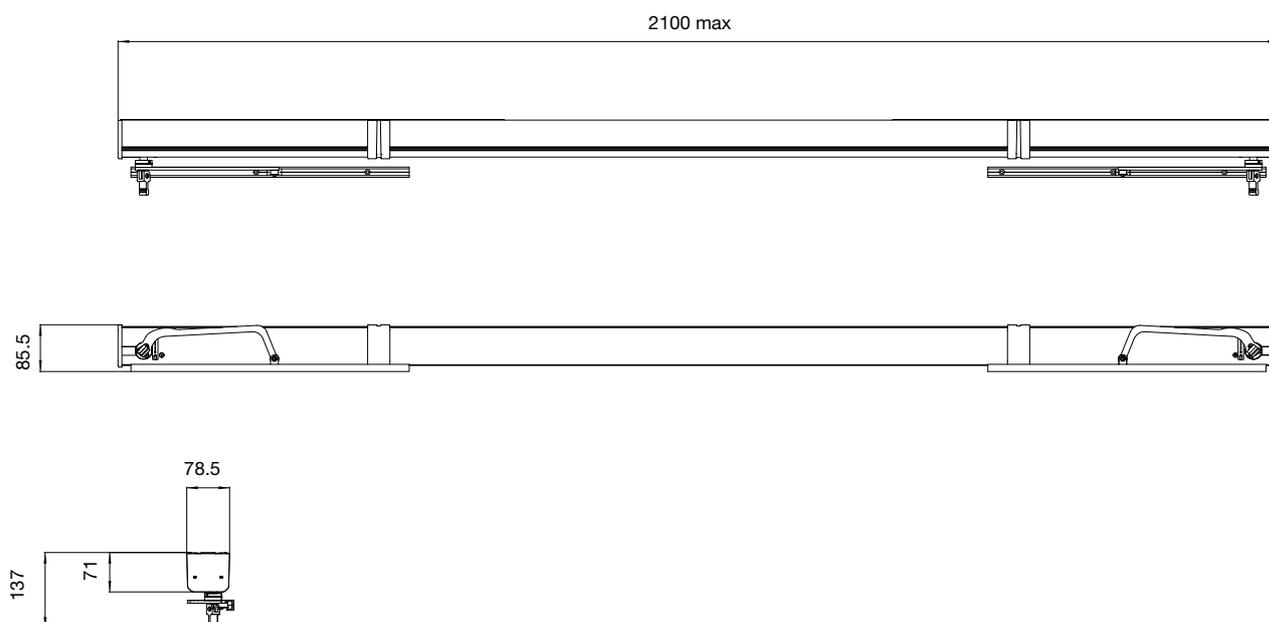


Optional colors

It fits in perfectly with your windows thanks to the color choice available for the cover casing.



Dimensions (mm)



Technical characteristics

Type	VLR02	VLR01DX - VLR01SX
IP protection rating	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC
Motor power supply (V)	24 DC	24 DC
Draw (A)	6 max	3 max
Power (W)	150	75
Opening time at 180° (s)	ADJUSTABLE	ADJUSTABLE
Duty cycle (%)	INTENSIVE USE	INTENSIVE USE
Torque (Nm)	2x33	33
Working temperature (°C / °F)	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131



Open and close, always.

Voilà is safe because it is low-voltage powered (24 V DC) and, during power outages, provides manual control of your blinds or shutters that can easily be released and locked into place in any position.



GARANZIA QUALITÀ ORIGINALE

Came products are entirely designed and made in ITALY



Came S.p.A. is Quality and Environmentally certified by UNI EN ISO 9001 UNI EN ISO 14001

Complete operators tested according to the EN 12453 – EN 12445 regulations.

001VLR01DX	Irreversible right-hand operator with control board, encoder-based movement controlling and obstruction detecting device for one swing leaf of up to 1.05 m.
001VLR01SX	Irreversible left-hand operator with control board, encoder-based movement controlling and obstruction detecting device for one swing leaf of up to 1.05 m.
001VLR02	Operator composed of: one right-hand irreversible operator with control board, encoder-based movement control and obstacle detection, one left-hand irreversible gearmotor, cable connecting the two gearmotors, for two swing leaves up to 2.10 m.

Obligatory accessories

001VLR07DX	Right-hand curved transmission arm for single-panel leaf.
001VLR07SX	Left-hand curved transmission arm for single-panel leaf.
001VLR08DX	Right-hand curved adjustable transmission arm for two-jointed-panel leaf with shoulder of up to 170 mm or for single panel leaf with hinges not flush with shoulder.
001VLR08SX	Left-hand curved adjustable transmission arm for two-jointed-panel leaf with shoulder of up to 170 mm or for single panel leaf with hinges not flush with shoulder.
001VLR09DX	Right-hand curved adjustable transmission arm for two-jointed-panel leaf with shoulder from 170 mm to 240 mm.
001VLR09SX	Left-hand curved adjustable transmission arm for two-jointed-panel leaf with 170 mm to 240 mm shoulder.
001VLR10DX	Right-hand curved transmission arm for single-panel leaf.
001VLR10SX	Left-hand curved transmission arm for single-panel leaf.
001VLR04	Covering beam for openings of up to 1100 mm.
001VLR05	Card of functioning during power outages and for recharging batteries complete with casing. Two 12 V - 0.8 Ah batteries.

Complete systems

001UV01	Complete system for two single-panel swing leaves composed by: one right-hand irreversible operator with control board, encoder-based movement control and obstruction detection device; one left-hand irreversible gearmotor; one cable connecting the two gearmotors; one VLR07DX right-hand curved transmission arm; one VLR07SX left-hand curved transmission arm; one AF43S 433.92MHz radiofrequency card; one Vivaldi TX1 transmitter.
001UV02	Complete system for two two-jointed panel swing leaves composed by: one right-hand irreversible operator with control board, encoder-based movement control and obstruction detection device; one left-hand irreversible gearmotor; one cable connecting the two gearmotors; one VLR08DX right-hand curved adjustable transmission arm; one VLR08SX left-hand curved adjustable transmission arm; one AF43S 433.92MHz radiofrequency card; one Vivaldi TX1 transmitter.
001UV03	Complete system for one right-hand swing leaf composed by: one right-hand irreversible operator with control board, encoder-based movement control and obstruction detection device; one left-hand irreversible gearmotor; one cable connecting the two gearmotors; one VLR07DX right-hand curved transmission arm; one AF43S 433.92MHz radiofrequency card; one Vivaldi TX1 transmitter.
001UV04	Complete system for one left-hand swing leaf composed by: one left-hand irreversible operator with control board, encoder-based movement control and obstruction detection device; one left-hand irreversible gearmotor; one cable connecting the two gearmotors; one VLR07SX left-hand curved transmission arm; one AF43S 433.92MHz radiofrequency card; one Vivaldi TX1 transmitter.
001UV05	Complete system for one two-jointed panel swing leaf composed by: one right-hand irreversible operator with control board, encoder-based movement control and obstruction detection device; one VLR08DX right-hand curved adjustable transmission arm; one AF43S 433.92MHz radiofrequency card; one Vivaldi TX1 transmitter.
001UV06	Complete system for one two-jointed panel swing leaf composed by: one left-hand irreversible operator with control board, encoder-based movement control and obstruction detection device; one VLR08SX left-hand curved adjustable transmission arm; one AF43S 433.92MHz radiofrequency card; one Vivaldi TX1 transmitter.



© CAME SPA - KDEP#CENA3A3S114 - JAN_2014 - EN

Even partial reproduction is prohibited • CAME reserves the right to make changes to this document at any time



Came S.p.A.

Via Martiri della Libertà, 15
Dosson di Casier
Treviso - Italy

www.came.com

Came is a company of
CAMEGROUP