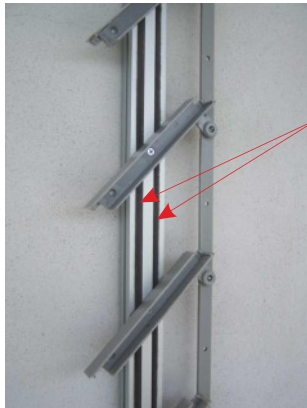


# WINDOW



Double seal brush between upright and plateholder



## TECHNICAL DATA

15mm, white, shock resistant PVC plates

Hermetical sealing outline due to plates's joint shape border (Pic.1)

Plates are inserted in nylon-glass plates holders

Plates-holders pivot on side uprights, rectangular shaped made in PVC or aluminum

Upright joined together by crossbars made in anodized aluminum

Plates-holders are linked between themselves through a nylon connecting rod.

### CENTRAL FULCRUM MODEL

**WINDOW ...BG** (aluminum crossbars + gasket)

**WINDOW ...G** (aluminum "L" shape crossbar + gasket)

**WINDOW ...** (aluminum crossbar no gasket)

### WASISTAS MODEL

**WINDOW ...BGW** (aluminum crossbars + gasket )

**WINDOW ...GW** (aluminum "L" shape crossbar + gasket)

**WINDOW ...W** (aluminum crossbar no gasket)

MODEL	NUMBER OF PLATES	WINDOW'S HEIGHT (cm)
WINDOW 1 BG	1	18
WINDOW 2 BG	2	33
WINDOW 3 BG	3	48
WINDOW 4 BG	4	63
WINDOW 5 BG	5	78
WINDOW 6 BG	6	94
WINDOW 7 BG	7	109
WINDOW 8 BG	8	124
WINDOW 9 BG	9	139
WINDOW 10 BG	10	154
WINDOW 11 BG	11	170
WINDOW 12 BG	12	184
WINDOW 13 BG	13	200
WINDOW 14 BG	14	215

**CONFIGURATION**

**WINDOW** / n° of plates / contact / open

Example:

**WINDOW** / n° of plates / contact / opening

1	8
2	9
3	10
4	11
5	12
6	13
7	14

**BG**  
**G**

**W**

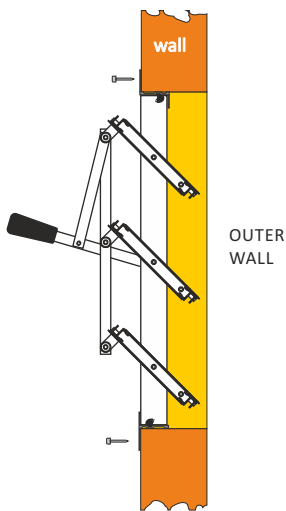
WINDOWS' length size is made according to customer request.

**CONTACT**

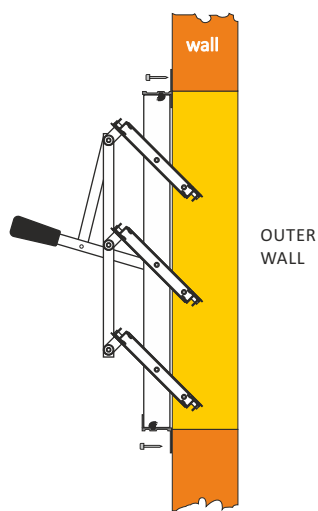
**BG** =Aluminum section bar with lower + upper stroke of 3 cm+ gasket

**G** =aluminum section bar, "L" shape + gasket

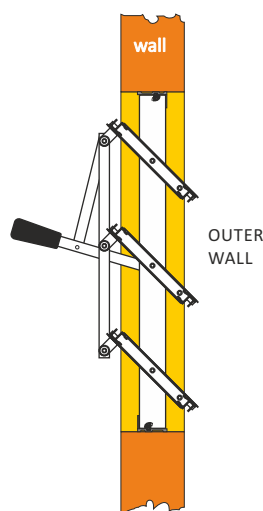
aluminum section bar, "L" shape, no gasket



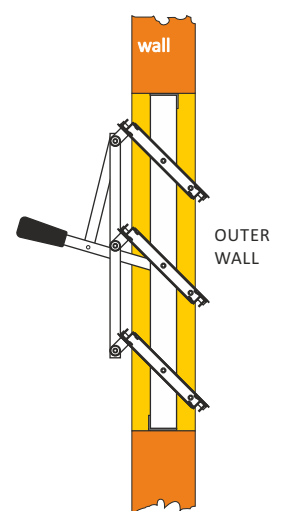
Example 1  
WINDOW 3 BG



Example 2  
WINDOW 3 BG



Example 2  
WINDOW 3G



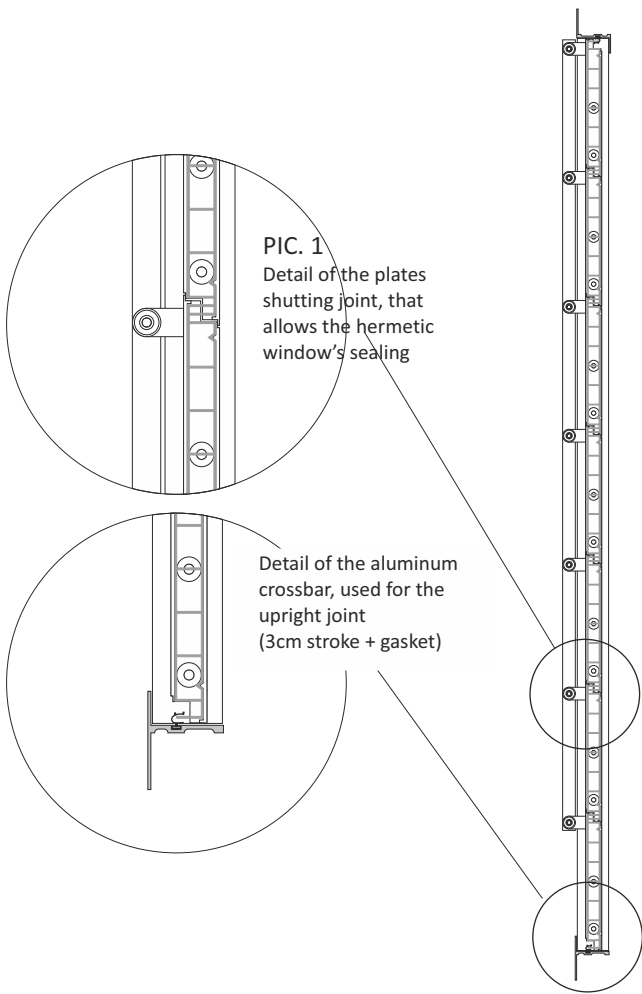
Example 2  
WINDOW 3

The most commonly used methods for windows opening/closing are:

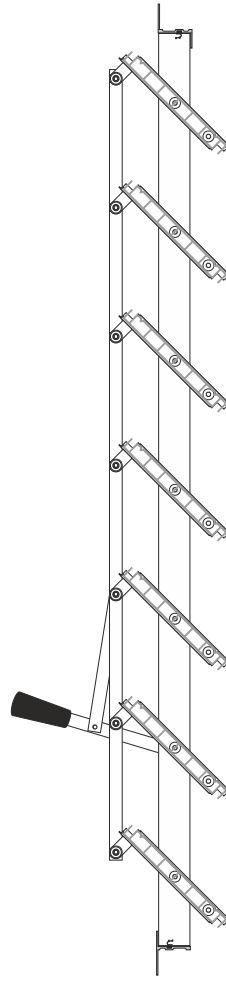
- ⑩ Manually using a handle for all the plates in the window height-wise, or by groups of plates each group with its own handle.
- ⑩ Automatically by means of control units that control reduction gears rotating a shaft equipped with levers that operate the opening/closing of the windows. This shaft features a maximum length of approximately 25 m per reduction gear side.
- ⑩ Automatically by means of control units that control small servomotors. Each servomotor can operate up to 6/7 m<sup>2</sup> of window.

**OPENING**

Section of closed window

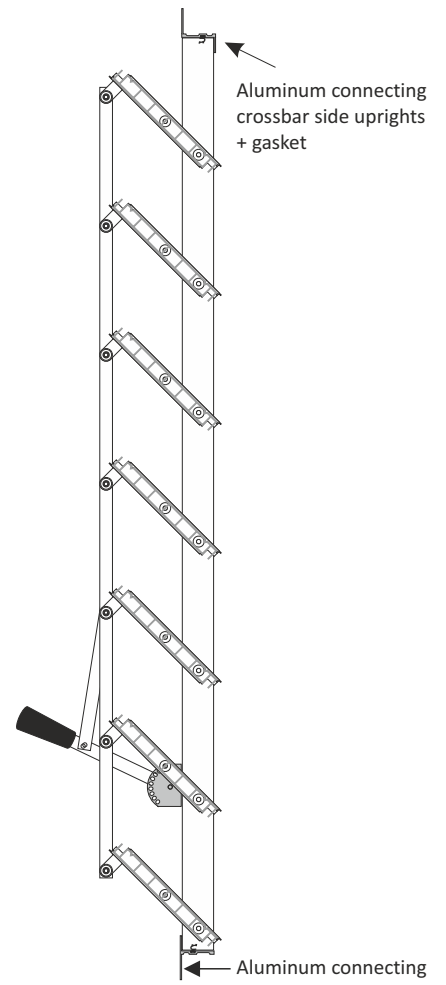


Central fulcrum window



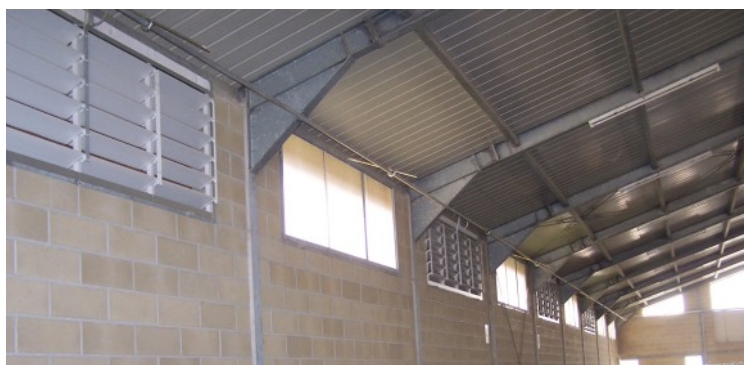
Example WINDOW 7 BG

**W** = Wasistas window



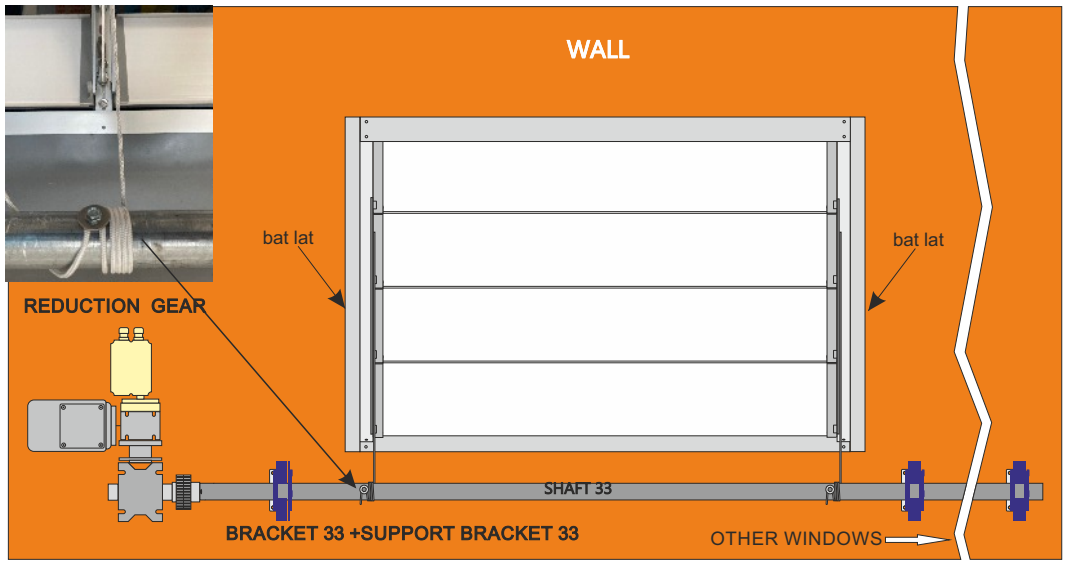
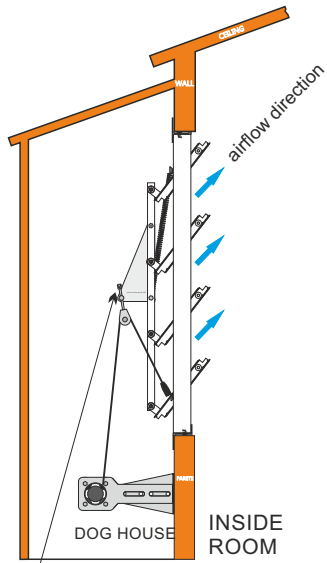
Example WINDOW 7 BGW

**AUTOMATION**



**AUTOMATION WITH SPRING - TOWING WITH ROTATING TUBE OUTSIDE THE WINDOWS BGW ROOM**

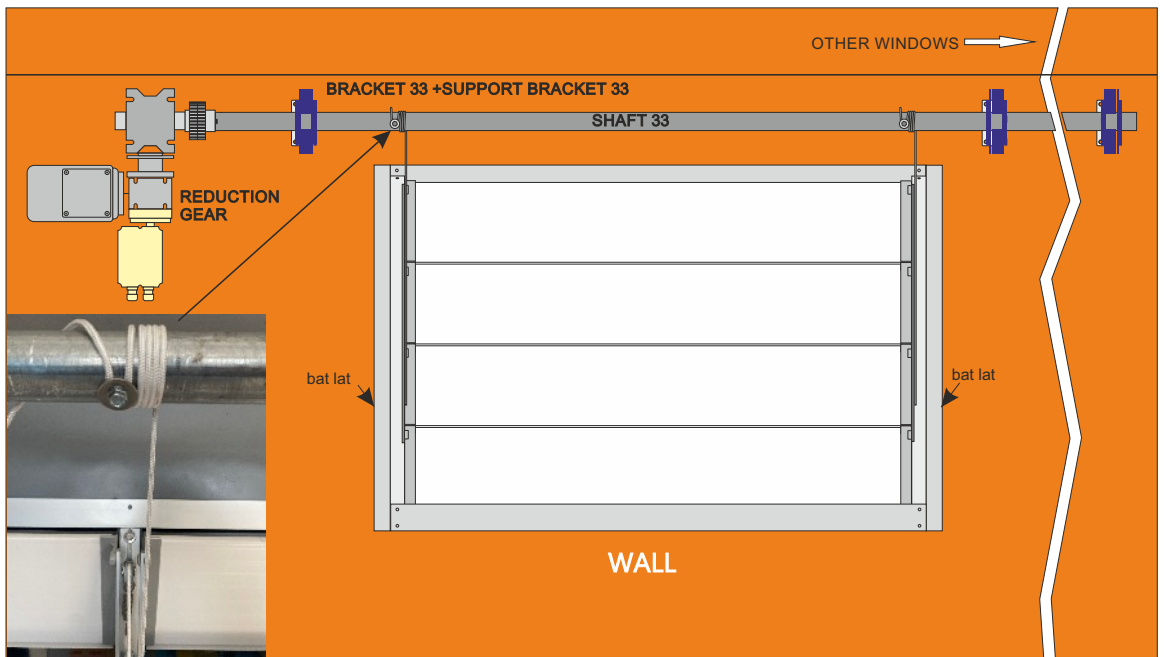
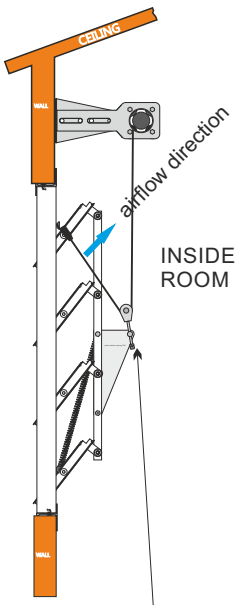
**WINDOW 4 INSTALLATION EXAMPLE**



adjustment pulley for optimal window closing

**AUTOMATION WITH SPRING - TOWING WITH ROTATING TUBE INSIDE THE WINDOWS BGW ROOM**

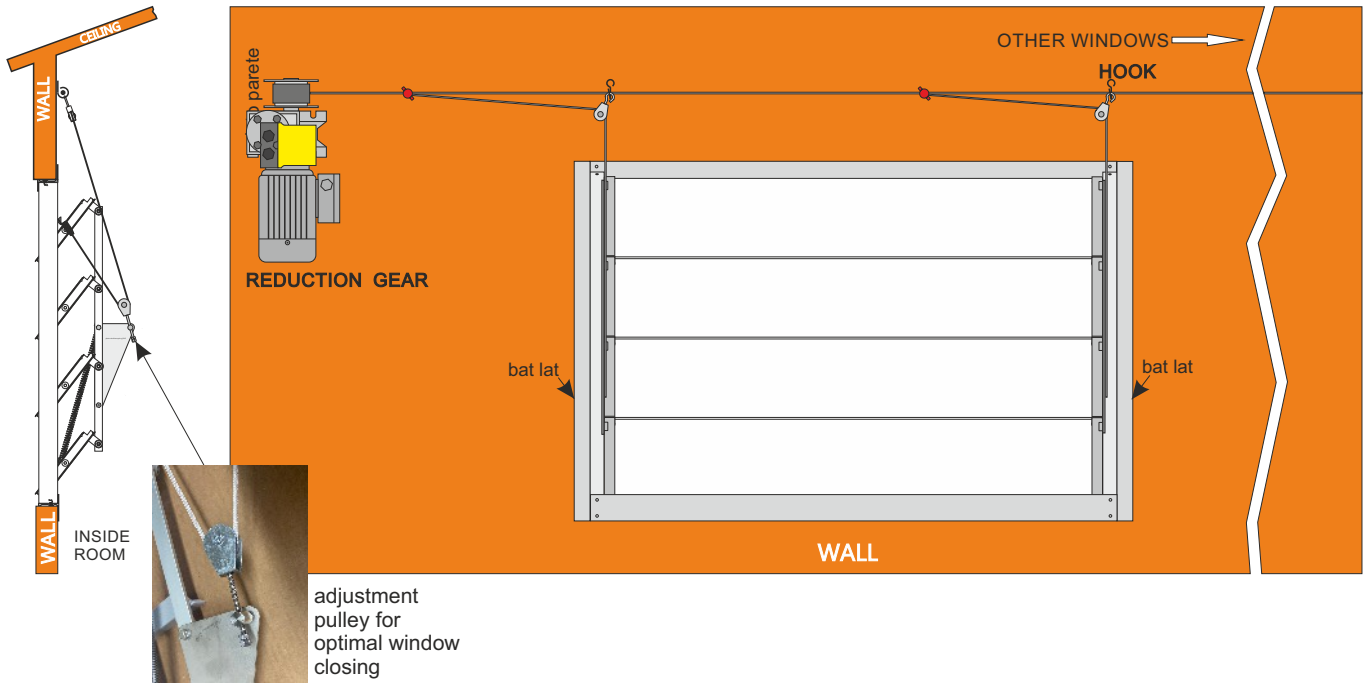
**WINDOW 4 INSTALLATION EXAMPLE**



adjustment pulley for optimal window closing

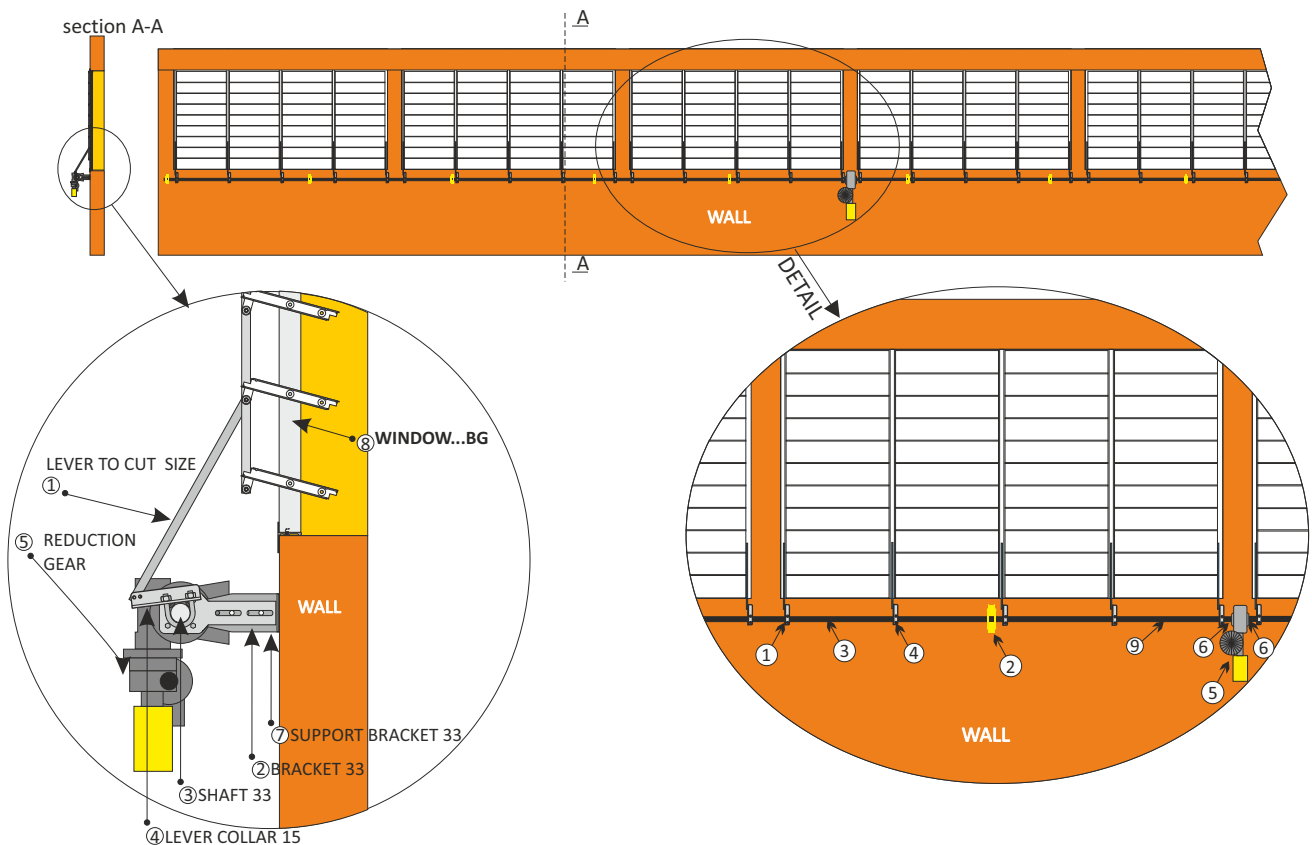
SPRING - TOWING WITH CABLE INSIDE THE WINDOWS BGW ROOM

WINDOW 4 INSTALLATION EXAMPLE



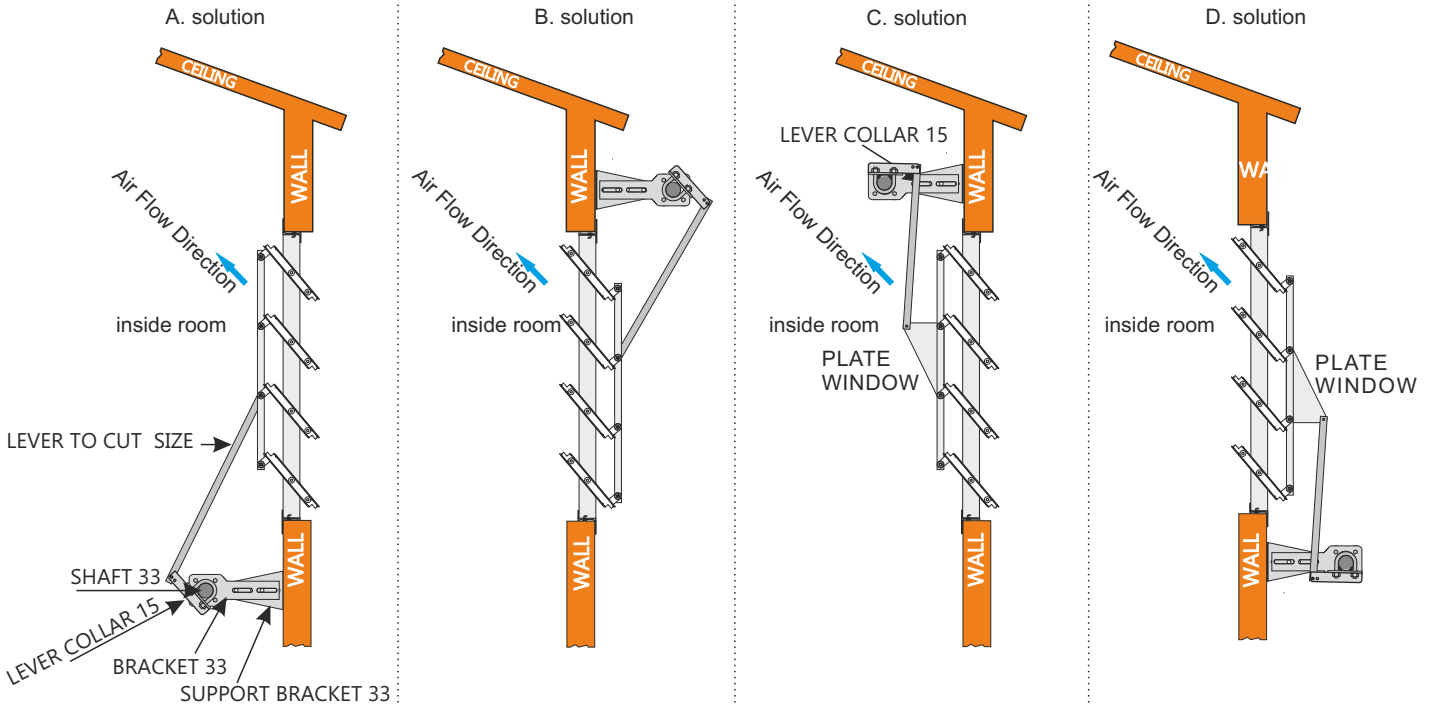
AUTOMATION WITH BRACKETS

MODEL INSTALLATION

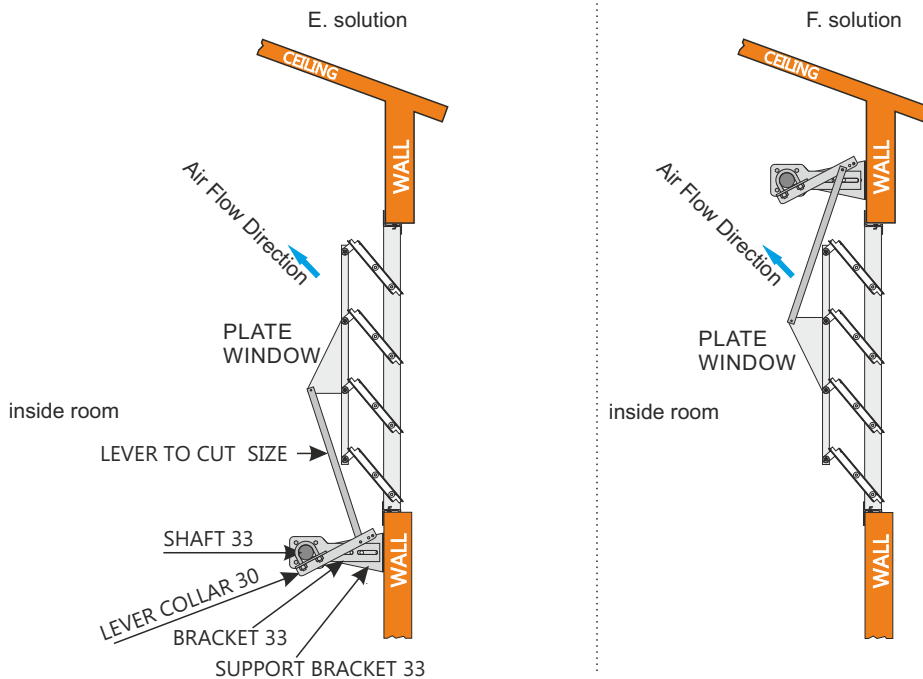


**AUTOMATION WITH BRACKETS**

**CENTRAL FULCRUM POSITIONING SOLUTIONS**

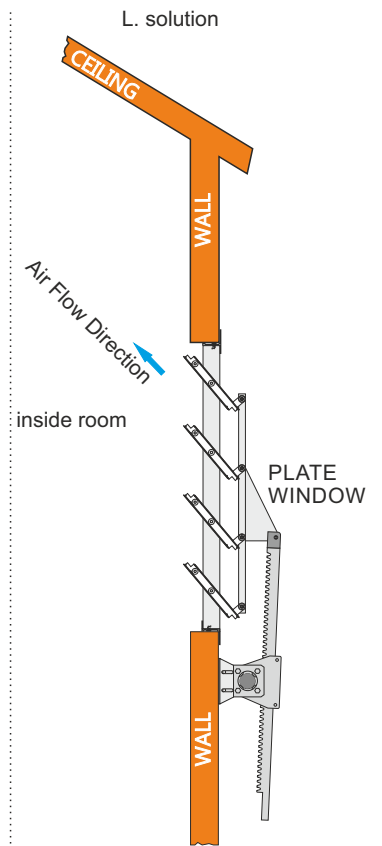
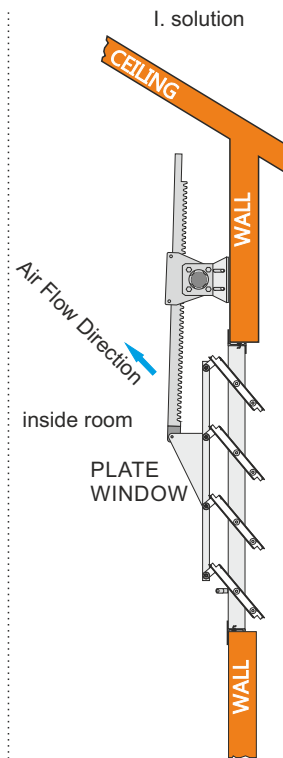
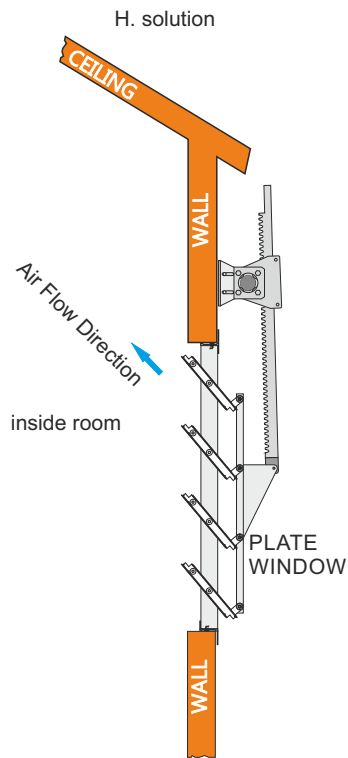
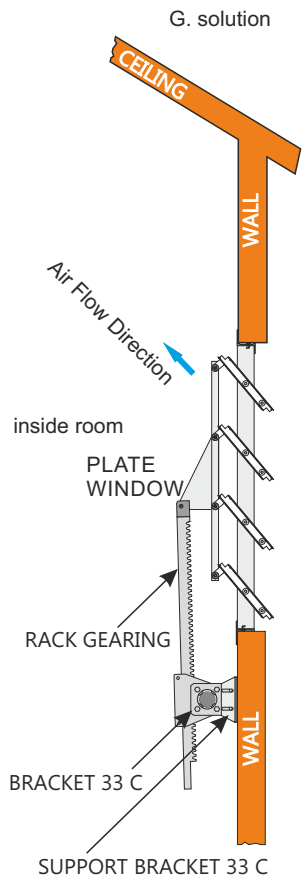


**WASISTAS FULCRUM POSITIONING SOLUTIONS**

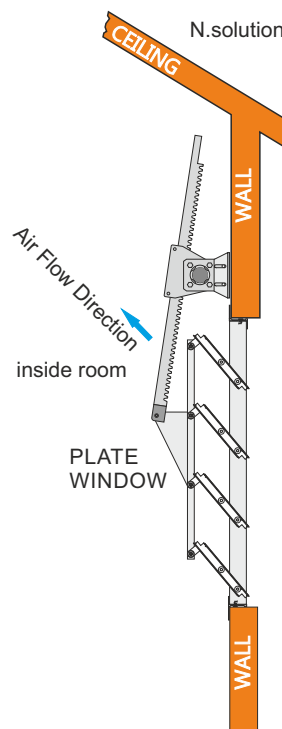
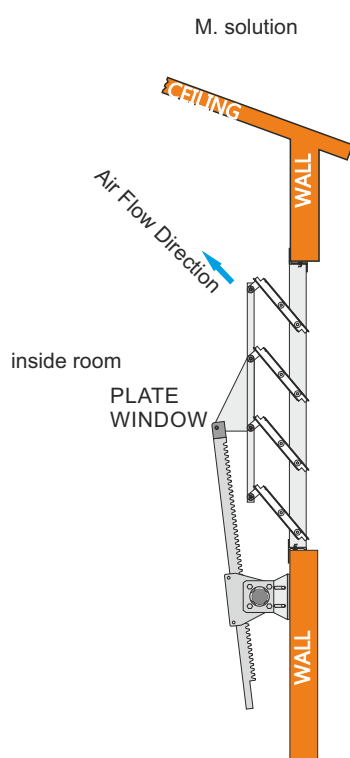


**AUTOMATION WITH RACK**

**CENTRAL FULCRUM POSITIONING SOLUTIONS**



**WASISTAS FULCRUM POSITIONING SOLUTIONS**



ARTICLES AND ACCESSORIES

 ⑧	<b>WINDOW... BG</b> (Vedi misura a pag.1)	This article includes: pvc or aluminium profile uprights with hinged slat holders connected by nylon or aluminium rods. Shockproof honeycomb pvc slats. Upper and lower aluminium section bars with gasket. Handles and screws required for handling and assembly.
	<b>MASTER FP....</b>	Window control unit with one, two or three zones depending on the model. (see price list). Controls REDUCTION GEAR geared motors with or without potentiometer.
 ⑤	<b>R.G.3000</b>	Three-phase or single-phase gearmotor with adjustable limit switches without potentiometer or with potentiometer (P series), including wall mounting bracket.
 ⑥	<b>JOINT 33</b>	Shaft coupling (SHAFT 33 P) to geared motor.
 ⑨	<b>SHAFT 33 P</b>	Rotating galvanised shaft with pinion for connection to the geared motor via (JOINT 33)
 ③	<b>SHAFT 33</b>	Galvanised rotating shaft connected to the gearmotor, 6m long and drilled at both ends for joining to subsequent shafts via SHAFT 33 JOINT.
	<b>SHAFT 33 joint</b>	SHAFT connecting joint 33
 ②	<b>BRACKET 33</b>	Support bracket with shaft bearing (SHAFT 33)
 ⑦	<b>SUPPORT BRACKET 33</b>	BRACKET 33. wall-mounted support bracket
	<b>BRACKET 33 C</b>	Short support bracket with shaft bearing (SHAFT 33)
	<b>SUPPORT BRACKET 33 C</b>	BRACKET 33 C wall-mounted support bracket
 ④	<b>LEVER COLLAR 15</b>	Stainless steel lever with fully threaded collar for fixing on the SHAFT shaft 33
	<b>LEVER COLLAR 30</b>	Stainless steel lever with fully threaded collar for fixing on the SHAFT shaft 33
 ①	<b>LEVER TO CUT SIZE</b>	Aluminium connecting lever between LEVER COLLAR and window L=500mm to be cut to size according to the position of the shaft according to the positioning of the SHAFT shaft 33
	<b>PLATE WINDOW</b>	Stainless steel plate anchored to window for automation
	<b>RACK GEARING</b>	Gear rack with toothed rod of various lengths + input + cap + compensator
	<b>BAT LAT</b>	Pair of anodised aluminium L-shaped side stops, suitable for framing side openings in the wall. in the wall
	<b>GASKET</b>	Optional adhesive seal between the slats



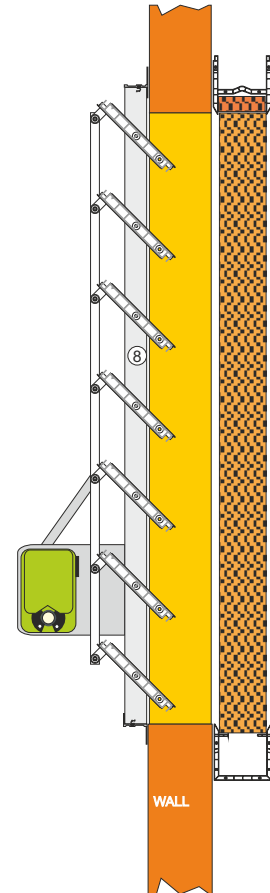
**AUTOMATION WITH SERVOMOTORS**

For windows up to 2 meters long, a servomotor is used, positioned in the central upright (picture 3). For windows with length included between 2 and 5 meters, a JOV... servomotor is used; through SHAFT 22, this servomotor transmits the rotation for the opening/closing to the slat sectors that are farther away (picture 1).

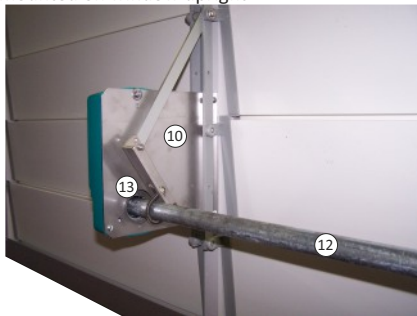


Pic. 1

Example of wall section with WINDOW 7 BG with COOLING panel on the outside



Detail of servomotor JOV.24V. mounted on window upright



WINDOW 7 BG with 24Vac servomotor



Pic. 3

**ARTICLES AND ACCESSORIES**

	<b>JOV...</b>	Servomotors 220V.or 24V. With limit switches. With or without signal position.
	<b>BRACKET JOV</b>	Servomotors 220V.or 24V. With limit switches. With or without signal position.
	<b>BRACKET 22</b>	Stainless steel support bracket with shaft bearing (SHAFT 22).
	<b>SHAFT 22</b>	Rotating zinc-plated shaft connected to the servomotor.
	<b>LEVER COLLAR 15/22</b>	Stainless steel collar lever for the opening/closing of window secured to the shaft (SHAFT 22).