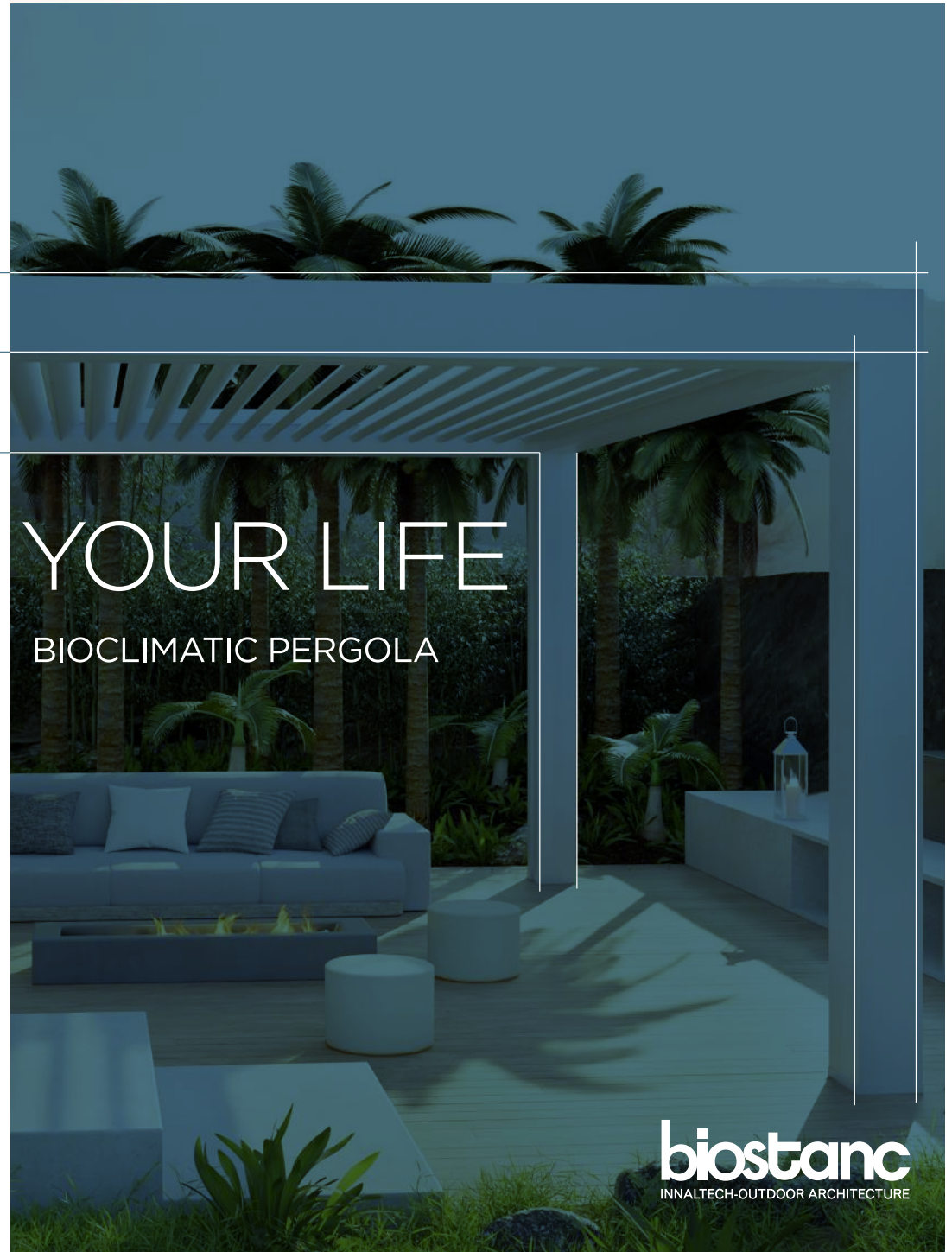


EXPAND YOUR LIFE

NEW BIOSTANC BIOCLIMATIC PERGOLA



CONNECTED TO THE OUTDOORS ALL YEAR ROUND

Design and manufacturing at the source

Innaltech has over 50 years of experience in the industry, making it a benchmark in aluminum profiles for professionals who demand the highest standards in quality and design.

The pergolas represent an evolution of our services, featuring the widest range of profiles and accessories to design and manufacture the pergola that best suits your needs.

Design your pergola with Innaltech.



CLOSED BRISE PERGOLAS



A PERGOLA WITH A MULTITUDE OF SOLUTIONS

Closed Brise allows different pergola configurations to be combined at the same time.

Side panels can be made with tubes and slats, and it is possible to build the roof with glass or solar panels. All this can be done with maximum ease, minimal workshop effort, and excellent results for the end customer.

Fixed and sliding slats and lattices.

Pergolas are an extension of the home into the outdoors, whether for a large garden or a terrace-solarium. Aluminum slats and tubes are among the most common and versatile systems, allowing for solar protection on the top and sides, with an endless variety of models and profiles, including the Delta Opacity or Shadow Sun systems.

Solar protection and privacy.

Pergolas with slatted structures, screens, or glass panels, both on the sides and on the roof.



PHOTOVOLTAIC PERGOLAS

PERGOLAS IN HARMONY WITH THE ENVIRONMENT

Roofs made of architecturally integrated solar modules.

Create a new outdoor space with solar protection and privacy, while at the same time generating clean electrical energy. Solar energy contributes to reducing overall household consumption and increasing social energy efficiency.

Eco – Autonomy and energy efficiency at home

With the same construction solution, we can build pergolas that support solar panels on the roof. These pergolas can combine panels, screens, or glass enclosures on the sides, with either a fully integrated photovoltaic panel roof or a combination roof with a section of fixed solar panels and another section with fixed or movable slats (Bioclimatic).



BIOCLIMATIC PERGOLAS

PATENTED INNOVATION AND MAXIMUM PERFORMANCE

BIOSTANC by Innaltech is the new bioclimatic pergola with a patented dual-axis slat orientation system that ensures maximum comfort and well-being at all times and in any weather condition—whether it's a summer storm, cold winter nights, or long, hot summer lunches.

365 days, day and night.

Thanks to its motorized mechanisms and accessories, the BIOSTANC bioclimatic pergola can become the perfect place to enjoy all year round, in any weather.

No splashes or annoying water leaks.

DESIGNED FOR
ARCHITECTS AND
DEMANDING
HOMEOWNERS

PHOTOVOLTAIC PANELS

SOLAR PROTECTION

SCREENS

GLAZING

HOME
AUTOMATION

**Manufactured by and for high-performance
aluminum professionals**

Thanks to its motorized mechanisms and accessories, the BIOSTANC bioclimatic pergola can become the perfect place to enjoy all year round, in any weather condition.

LIGHTING - HEATING - MOTORIZATION - MUSIC & MULTIMEDIA





SCREENS

Customized Protection.



SOLAR PROTECTION

Sliding panels, one of the most effective options.



GLAZING

They provide a magnificent panoramic view with maximum comfort.



HOME AUTOMATION

Motorized with the latest technology.



BioSlide®

FRESH AND COMFORTABLE

SOLAR PROTECTION

Patented Dual-Axis BioSlide® System



BIOSTANC by Innaltech is the new bioclimatic pergola featuring a patented dual-axis slat orientation system that ensures maximum comfort and well-being at all times and in any weather condition—whether it's a summer storm, cold winter nights, or long, hot summer lunches.

VENTILATION

Adjustable slats from 0° to 115°



The slats can be optimally adjusted from 0° to 115°, allowing the ideal amount of light and ventilation at any time of day. The pergola should be one of the best spaces in the entire home throughout the year, offering pleasant natural light and efficient airflow to ventilate and refresh the interior.



BioSTANC®

AISLANTE Y ACOGEDORA

INSULATED AND COZY

Protection from rain and wind



The BIOSTANC pergola can be fully customized, as it is designed and manufactured in our facilities, including any type of enclosure, whether for greater solar control with slats or side panels, fixed or movable. Or to achieve a fully insulated space, with different versions of fixed, sliding, and accordion glass, which will guarantee thermal and/or acoustic insulation inside.

100% AIRTIGHT

No splashes or annoying water ingress.



Structure with double-axis slat system and high-flow channel, with rubber seals to ensure 100% airtight closure and proper water drainage in the event of rain or storms. *Option to incorporate a channeled drainage system for water reuse.*



HEATED AGAINST THE COLD

WARM

With HeatScope radiant heaters.



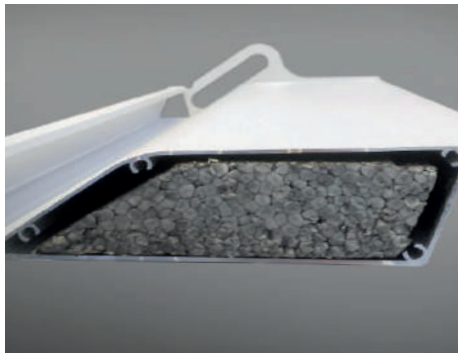
IOSTANC pergolas can be fitted with the HEAT-SCOPE range of radiant heaters, which incorporate two carbon fiber coils with power ratings of up to 2800W, reaching maximum performance in 20 seconds. You can control their use via the app or directly from your pergola's remote control. They comply with the 2009/125/EC Ecodesign Directive. Infrared heaters not only consume less energy per hour, but also produce no CO2.



SILENT

ACOUSTIC INSULATION

Polystyrene acoustic insulation panel.



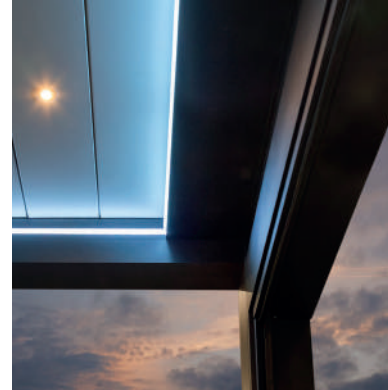
We also offer the option of incorporating expanded polystyrene insulation filling into the slats of our BioSTANC pergola. This extra feature increases thermal insulation, but above all reduces the noise of rain hitting the slats. It provides added comfort and peace of mind, which we recommend if the pergola is installed very close to another home or in a community, to avoid possible complaints from neighbors about noise on days of heavy rain.



ELEGANT AND EXCLUSIVE

LIGHTING

One pergola, endless possibilities.



All our pergolas include pre-installation profiles* for double-sided diffuser LEDs. As an option, we can install 3,000K LED spotlights in the slats. You choose how many and where you want to place the spotlights in the slats. Complete and elegant lighting that can be fully customized.

**If the user decides to install the lighting at a later date, only the lights will need to be installed, reducing costs and installation time.*

MOTORIZED

with the latest technology.



Installed with synchronized 2500 N electric linear motors. A design and electrical installation that is completely isolated from water, ensuring greater protection outdoors, with an IP 66 rating on all components to reinforce maximum safety and durability of the product. *It can be controlled via mobile devices such as smartphones or tablets.*

FEATURES

PATENTED INNOVATION AND MAXIMUM PERFORMANCE

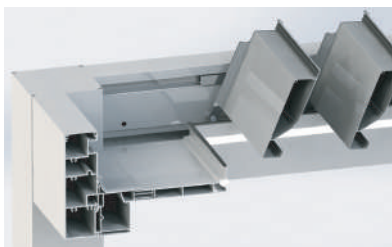
BIO-CLIMATIC

With the latest technology



It allows for optimal slat orientation from 0° to 115°, achieving the most suitable light and ventilation at any time of day.

The pergola should be one of the best spaces in the whole house, all year round, with pleasant natural light and efficient airflow to ventilate and cool the interior.



MAXIMUM QUALITY, CERTIFIED AND GUARANTEED

The BioSTANC pergola has passed the most demanding tests and we have the highest certifications. AW-6063 T5 aluminum structure, wind, snow, and water resistance, lacquer guarantee, and all electronic components guaranteed.

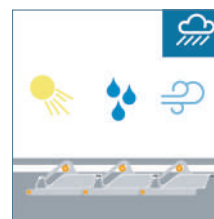


Total width:

Designed for quick and easy installation, with a compensator system that provides unprecedented robustness and simplicity. Structure for designing pergolas up to 32m² (6800x4700mm). In the Duplex model, up to 49m².

WATERPROOF

Patented BioSlide® double shaft

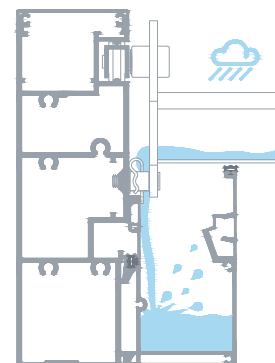


Waterproof and 100% airtight, thanks to our innovative patented double shaft slat system. The BIOSTANC pergola has been designed to guarantee year-round enjoyment. Total waterproofing and peace of mind, unlike traditional central shaft systems.

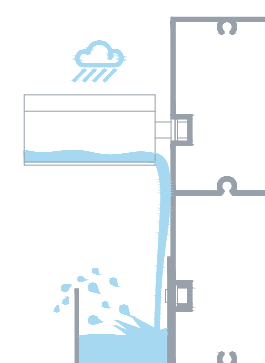
No splashes or annoying water ingress

Structure with double-axis slat system and high-flow channel, with sealing rubbers to guarantee 100% airtight closure and proper water drainage in the event of rain or storms.

BIOSTANC Pergola

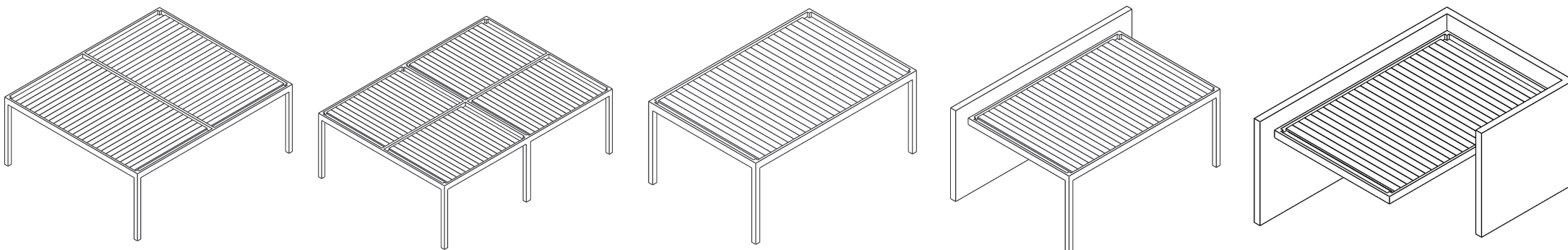


NO BIOSTANC pergola



VS

SETTINGS

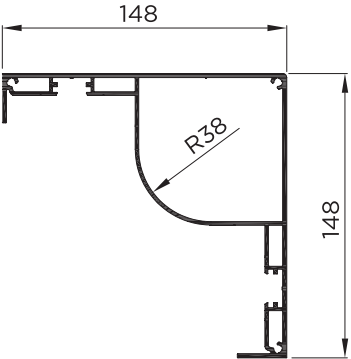


- Frame height: 223 mm.
- Pillar dimensions: 150x150 mm.
- Slat section: 210 mm.
- Slat insulation: Polystyrene (optional).
- Motors: 2 units of 2500 N.
- Slat orientation: 0-115°.
- Maximum dimension 1 module: 6,800x4,700 mm.
- Maximum slat length: 4,700 mm.
- Maximum height: 3,200 mm.
- Slat lighting: 3,000K LED spotlight.
- Perimeter lighting: LED/RGB double diffuser 3,000K.
- Materials: 6063 T5 aluminum.
- Fasteners: Stainless steel.
- Bearings: Needle bearings with high-strength resins.
- Lacquer: QUALICOAT.
- Home automation: Daysy and T-Mate by Teleco.
- Side enclosures: GLASSTECH glazing. Roller screen.
- Sun protection side enclosures: OPACITY movable and fixed slats.

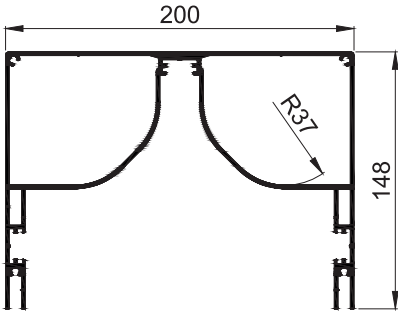


PROFILES

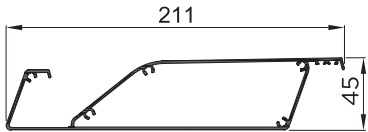
PILLAR



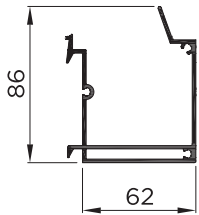
DOUBLE PILLAR



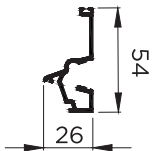
LAMA



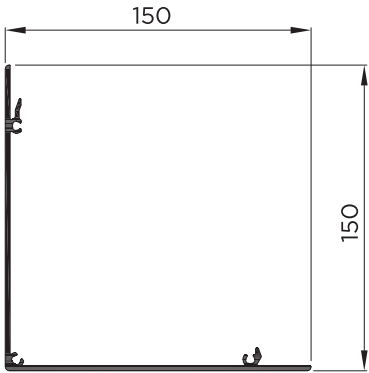
CHANNEL



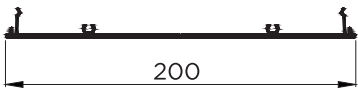
JUNQUILLO



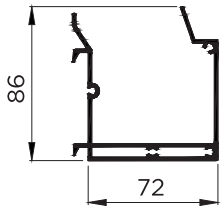
PILLAR COVER



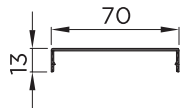
DOUBLE PILLAR COVER



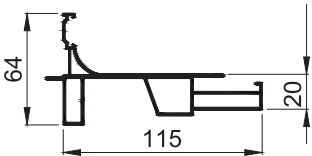
DOUBLE PILAR CHANNEL



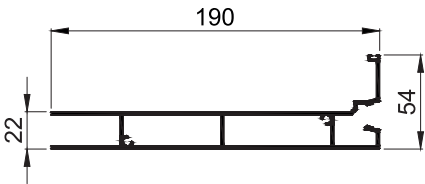
UPRIGHT COVER



COMPENSATOR 2



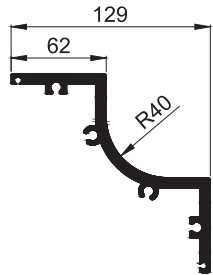
COMPENSATOR 1



DOUBLE CHANNEL

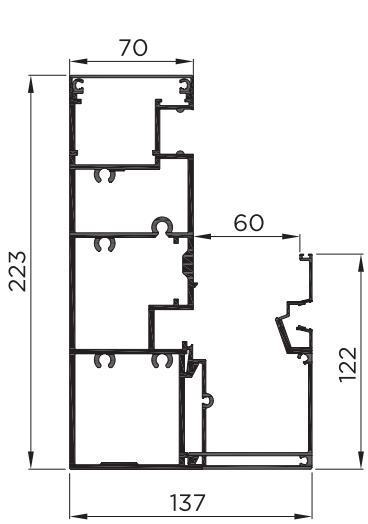


ANGULAR REINFORCEMENT

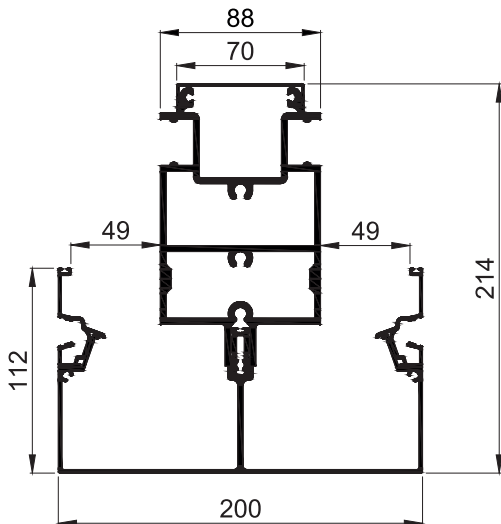


PROFILES

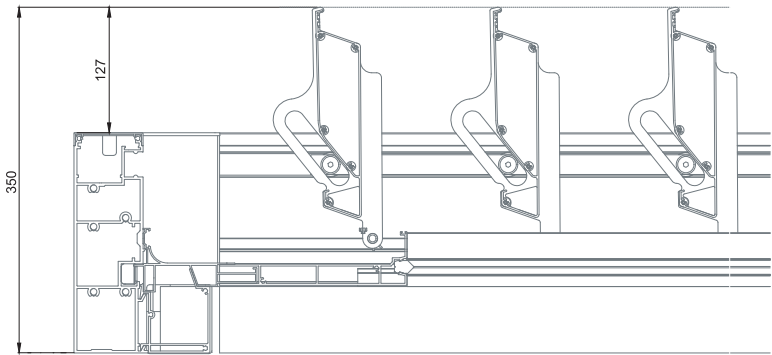
SET
CHANNEL ASSEMBLY



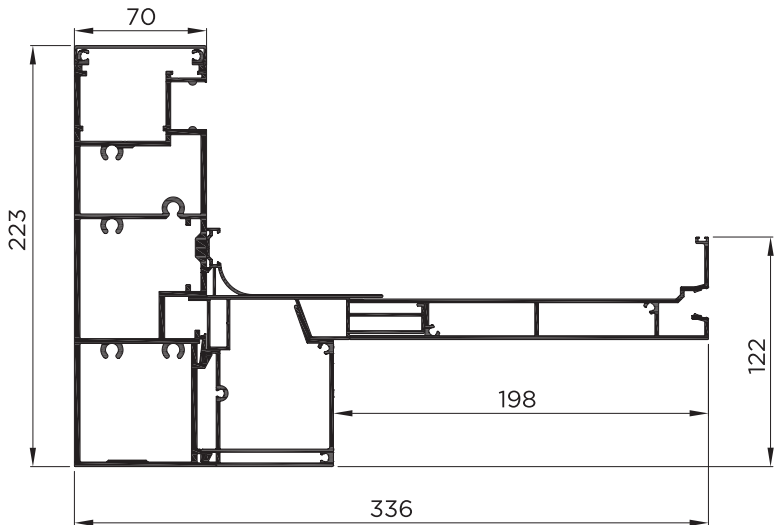
SET
CENTRAL CHANNEL ASSEMBLY



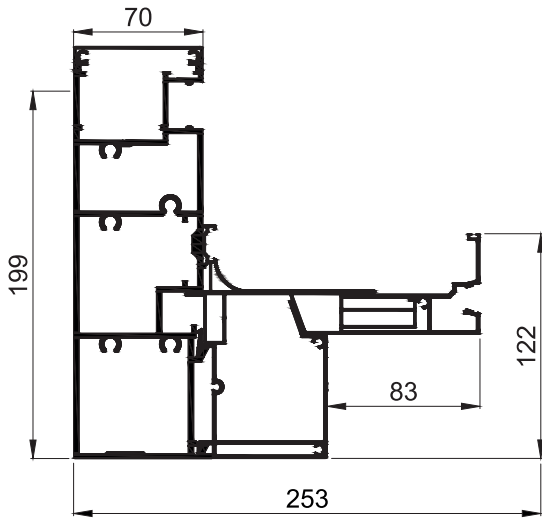
MAXIMUM BLADE HEIGHT



SET
COMPENSATOR ASSEMBLY



UPRIGHT-COMPENSATOR ASSEMBLY
WITH REDUCTION





INTEGRATED INDUSTRIAL SOLUTIONS

Innaltech is a company with more than 50 years of experience, specializing in exterior enclosures. We contribute our technological knowledge to new developments in current and future architecture and construction.

We have proven experience based on a firm and solid foundation, being an industrial partner, highly technological and with total productive freedom.

Design and manufacture by Innaltech.

ALUMINUM WINDOWS AND BALCONY DOORS

Countless architectural possibilities and combinations and the impeccable design that gives Innaltech its character.

ALUMINUM SLIDING DOORS

Ideal system for maximizing usable space.
Practical and economical for large-scale projects.

SUN PROTECTION

Smooth line designs, in keeping with Innaltech's aesthetic formulation, which add character to any façade. Fixed and movable panels for homes, buildings, and public or private facilities.

OUTDOOR-CLOSED FENCES AND GATES

A systematic solution for all existing garden fencing needs, as well as other construction applications.

OUTDOOR AND INDOOR RAILINGS AND PARTITIONS

The wide range of systems, applications, and solutions allows you to find the combination that best suits your needs.

WALL CURTAIN

Solution that allows for all types of facades thanks to the large number of profiles available.



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