



 Operating and maintenance instructions
for Pergola SB450

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Pergola SB450 product

The product meets CE safety requirements.

Construction Products Contact Point

<https://punkt-kontaktowy.gunb.gov.pl/>

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Important safety instructions.

WARNING!

**Compliance with this Manual is essential for personal safety.
 Keep this Manual for reference.**

Please read the user manual before using the product.
 If the manual contains unclear phrases or if there are any doubts regarding its interpretation,
 we recommend contacting the manufacturer before installing or using the pergola.

1. INTRODUCTION

All products made by Aluprof are designed in compliance with first-class standards of performance, aesthetic values and operating convenience. The design deliverables from Aluprof engineers are based on the state of the art in design engineering, and the production ownership uses the latest know-how in manufacturing. This ensures safety of operation of Aluprof products.

1.1. Symbols and nomenclature

Manufacturer – means an entity that manufactures and markets a product under its own name or trademark. The product is an outdoor pergola. The manufacturer is Aluprof.

Supplier – means a natural or legal person who makes another manufacturer’s product available on the market. The Supplier may also be the product installer.

Authorised representative of the supplier - means a natural or legal person authorised by the Supplier to represent them in matters related to sales, technical advice or customer service concerning the Product.

Service – means a department or external company authorised by the Manufacturer or Supplier to perform warranty and post-warranty services, repairs, inspections and maintenance of the Product in order to maintain its efficiency and functionality.

Installer - means an entity (natural or legal person) or a group of persons, authorised and qualified, who are responsible for the correct and safe installation of the entire SB450 Pergola in accordance with the Manufacturer’s technical documentation and applicable standards. This may also be the Supplier or an entity authorised by them.

Product user – a person using the installed product.

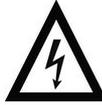
Unqualified person - means a natural person who does not have the appropriate knowledge, training, experience or authorisation required to perform activities related to the installation, maintenance, repair or servicing of the Product, other than its standard use.

Product: SB450 pergola - The SB450 pergola system is made of powder-coated aluminium profiles and steel elements. The roof structure is made of movable aluminium slats. The slats can be adjusted to change the angle of inclination.

Movable roof - The roof consists of slats attached to adjustable crossbeams, which are moved by an electric drive.

Pen - A roof element made of extruded aluminium, designed to drain rainwater, protect against sunlight and withstand snow loads up to a certain limit.

The special information indicated by graphical symbols in this manual requires careful reading and understanding.

Symbol	Meaning	Description
	INFORMATION	This symbol indicates important information to read and understand. It does not relate to any hazardous or harmful conditions of the product or people.
	NOTE	Indicates risks of damage to the product.
	WARNING	Indicates all safety-relevant information non-compliance with which will cause a hazard of injury or death.
	DANGER	Indicates conditions which cause hazards of injury or death by electrical shock.
	INFORMATION	This symbol indicates that the product cannot be disposed of with municipal (household) waste.

1.2. General information

The manufacturer/supplier shall not be liable for any losses resulting from failure to comply with these instructions, except for defects attributable to the manufacturer/supplier.

 The manufacturer/supplier shall not be liable for damage resulting from failure to comply with the guidelines contained in this documentation and reserves the right to make changes to it.

Efforts are constantly being made to improve pergola systems and enhance the quality of service and safety of their use.

 These instructions are intended for the user of the pergola and should be read before the pergola is used for the first time. They contain essential information to ensure safe use and proper maintenance of the pergola. The instructions should be kept for the entire period of use of the pergola. If the pergola is sold, these instructions should be provided with it.

 The owner of the pergola is responsible for informing other users about the information contained in this manual and instructing them on how to use the product in accordance with the recommendations.

- The manufacturer/supplier accepts no liability for damage caused by improper use or poor maintenance.
- No warranty claims for damage caused by force majeure, inclement weather, and normal wear and tear will be accepted.

 The manufacturer accepts no responsibility for any changes or modifications made to the pergola structure or the installation of additional elements not provided for by the manufacturer.

 The operating and maintenance instructions are supplied together with the programming instructions for the automation components.

2. SAFETY REQUIREMENTS

The conditions specified below must be met in order to ensure the safety of users and the operation of the pergola. The conditions refer to the location and manner of use of the pergola.

 The pergola should not be used if damage to the electrical cables is found.

 Extreme safety precautions are required for small children and the disabled. The guardians of children shall be liable for compliance with the safety instructions provided by the product manufacturer.

 Take every precaution to ensure safety within the area of influence of the pergola on other objects or devices.

 In the case of a pergola that can be operated from a location outside the product's field of vision, the user should take appropriate organisational measures within the pergola's surroundings to prevent damage when it is operated.

 Do not touch moving parts while the pergola is in operation, as this poses a health hazard and may cause damage to the product.

 Do not remove the drive unit guards. The guards must be fastened so that their removal requires tools.

 If the pergola is equipped with additional autonomous electrical devices (e.g. wind, sun or rain sensors), follow the instructions provided with the device.

3. PRODUCT OVERVIEW

The product is intended as an external weather protection system (sun, rain, wind), attached to building structures (e.g. building walls, terraces) or as a free-standing structure.

The product is intended for use by individuals and legal entities in the private sector (e.g. single-family homes) and the public sector (e.g. restaurant gardens, hotels, etc.).

The product is not intended for protecting vehicles (carports, garages) or maintaining high temperatures in winter (winter gardens).

3.1. SB450 pergola

3.1.1. Structure

- The pergola structure is made of aluminium profiles and load-bearing steel elements.
- The roof is made of aluminium profiles, available in two variants:
 - Type 1 - with Type S slat (K440644X) with the ability to rotate around its axis up to 135 degrees and optional LED strip lighting.
 - Type 2 - with a FLAT type slat (K440825X) with the ability to rotate around its axis up to 110 degrees and optional LED lighting in the form of light points.
 - Type 2 – with FLAT slats (K440959X) with the possibility of rotation around its own axis up to 110 degrees and optional LED strip lighting.
- The shape of the roof slats prevents rainwater from entering and allows it to drain into the drainage channels in the structure.
- Aluminium profiles are powder coated, anodised or covered with decorative wood-like foil.
- The quality of the coatings is confirmed by the Qualicoat certificate.

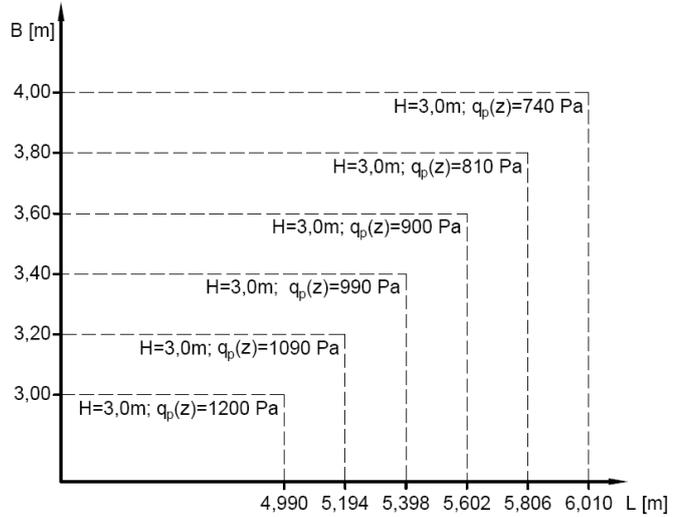
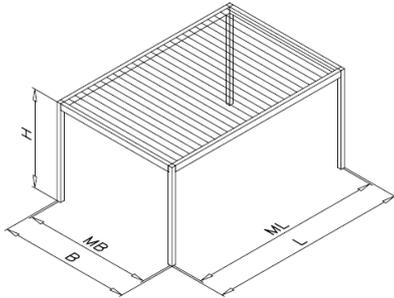
3.1.2. Product characteristics

- Permissible outdoor use of the product in accordance with the product parameters.
- The location, finish, installation method and seals used, as well as severe weather conditions, including heavy rain and/or snow, have a significant impact on the level of rain protection provided by the product.
- A pergola is a structure that protects against sunlight and moderate rainfall. This structure does not protect against heavy rainfall.
- The movable roof slats allow you to adjust the amount of sunlight entering the room.
- Concealed motor and drive mechanism.
- The product motor has an IPX6 enclosure protection rating.
- Noise emission from the electromechanical drive product (associated with the working movement of moving parts, generated by the electric motor, mechanism and blades during operation) is not considered a significant hazard and is a matter of individual comfort.
- The design of the product and the drive allows the slats to be stopped at a selected angle within their operating range.
- The rotation of the slats can be activated using a transmitter or a dedicated application.
- The differences in the closing angle of the movable roof slats can be approximately 2 degrees and are a natural feature of the system due to the tolerances of the components and their adjustment during installation.
- The side compartment of the beams, closed with an inspection hatch, allows for cable distribution.
- The product should be used within the limits of wind class 3 according to EN 13659 and/or maximum snow load.
- At temperatures below 2 °C, the anti-freeze sensor is activated, which tilts the roof slats to 10% of full opening (if the slats are closed) or 66% if there is snowfall at the same time (activation of snow accumulation protection). A prerequisite for the above functionality to work is to have an active dedicated 105HK wired sensor.
This function takes precedence over other movement commands.
- Operating the rotation of the slats during snowfall, icing or when there is snow or ice on the roof, as well as use outside the temperature ranges specified in the manual, is not permitted and may damage the product.
- The product does not emit toxic substances during use.
- The covers of moving parts have been designed and manufactured in such a way as to ensure the safety of operators, assuming that they are used correctly.
- Water vapour may condense on the product, especially on its lower part, and water may run off or drip.
- Water resistance, aesthetic water drainage through integrated gutter and posts with drains.
- Drainage occurs into two gutters and all posts, possible blockage after 1 drain per gutter.
- Maximum drainage capacity drains rain with an intensity of up to 0.04 l/s/m² for a maximum duration of 5 minutes (with 4 drainage holes).
- The pergola is not designed to protect against heavy snowfall. The maximum permissible weight for the maximum dimensions on the roof is 72 kg/m², which corresponds to a 35 cm layer of snow - as an even layer of uniform height.
- It is up to the user to decide whether to open the slats in the event of a high probability of heavy snowfall.
- The permissible wind speed affecting the structure with a closed roof at maximum dimensions is 110 km/h. If wall elements such as screens, glass walls or other sliding screens are added, these values will be further reduced in accordance with the diagram in section 3.1.3.

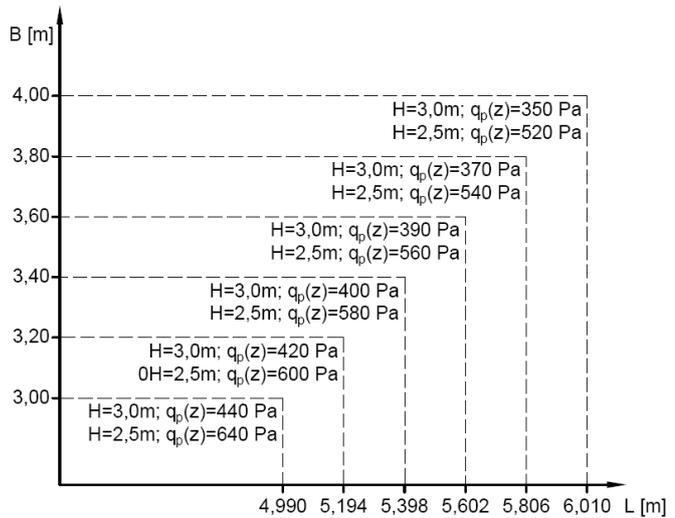
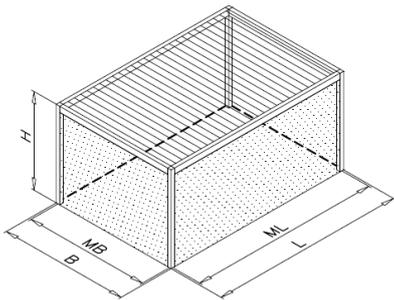
3.1.3. Design variants

The following design variants are permitted within the scope of the system standard, together with the maximum dimensions and permissible loads depending on the installation:

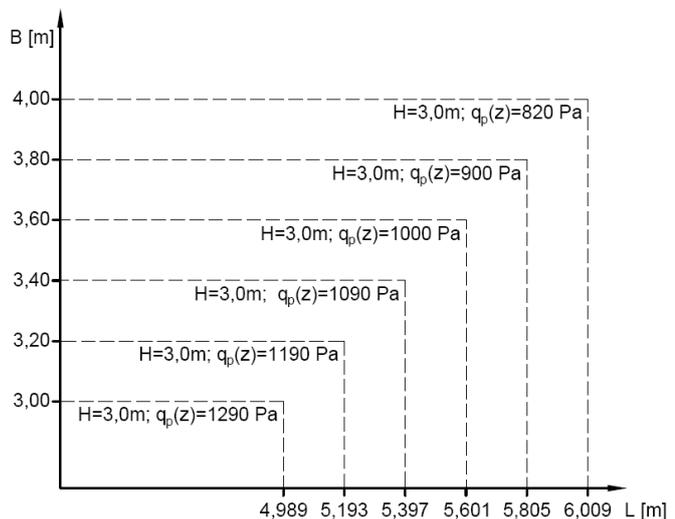
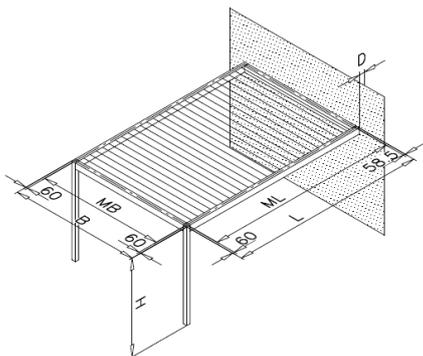
3.1.3.1. Free-standing single-bay pergola without enclosure



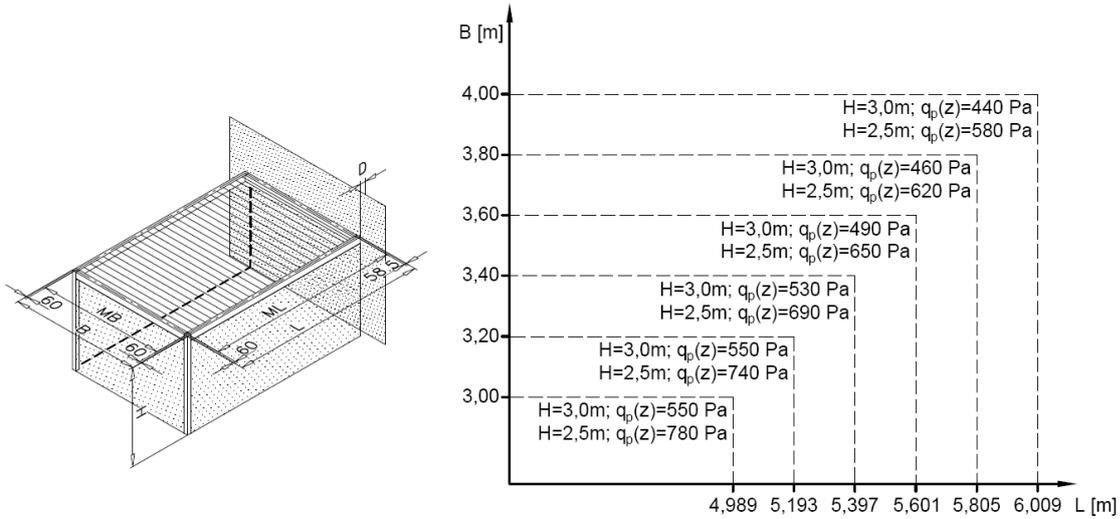
3.1.3.2. Single-bay freestanding pergola with enclosure



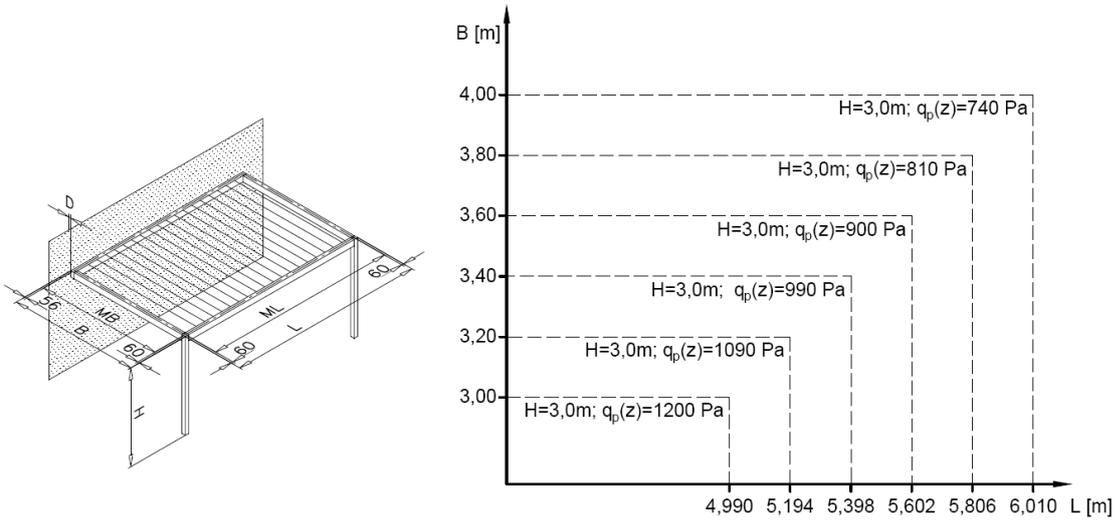
3.1.3.3. Single-bay pergola against a wall TYPE 1 without enclosure



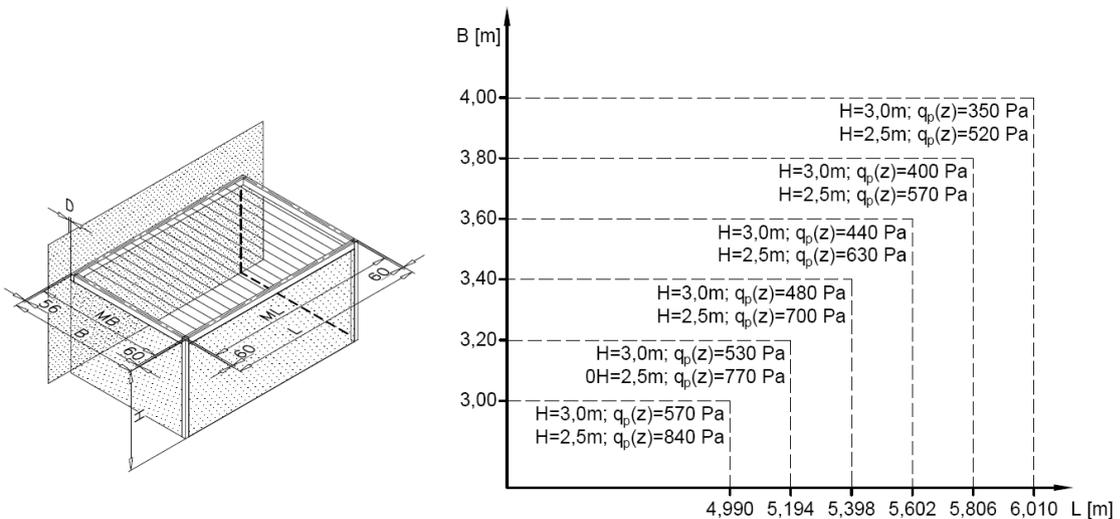
3.1.3.4. Single-bay pergola against a wall TYPE 1 with enclosure



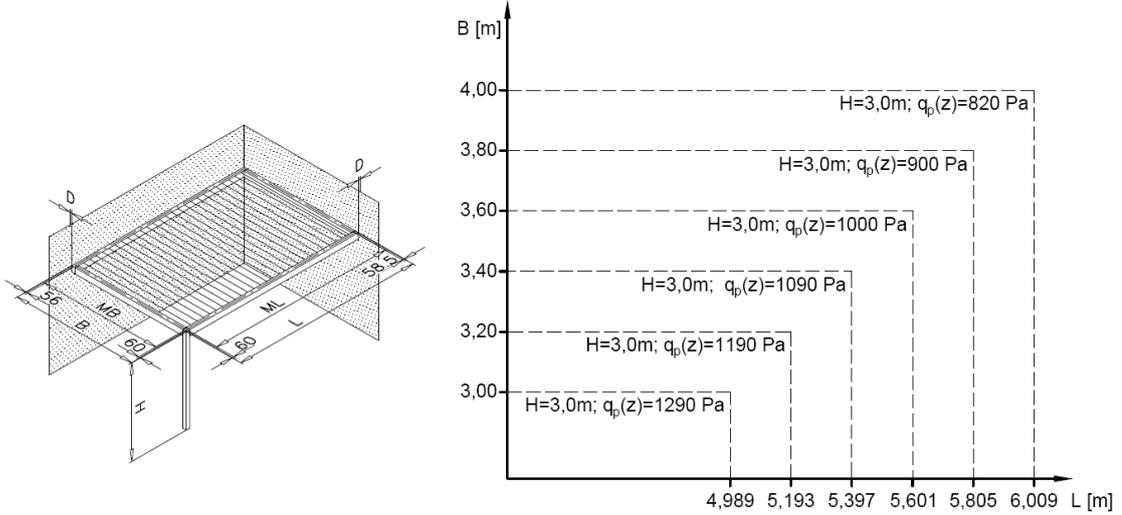
3.1.3.5. Single-bay pergola against a wall TYPE 2 without enclosure



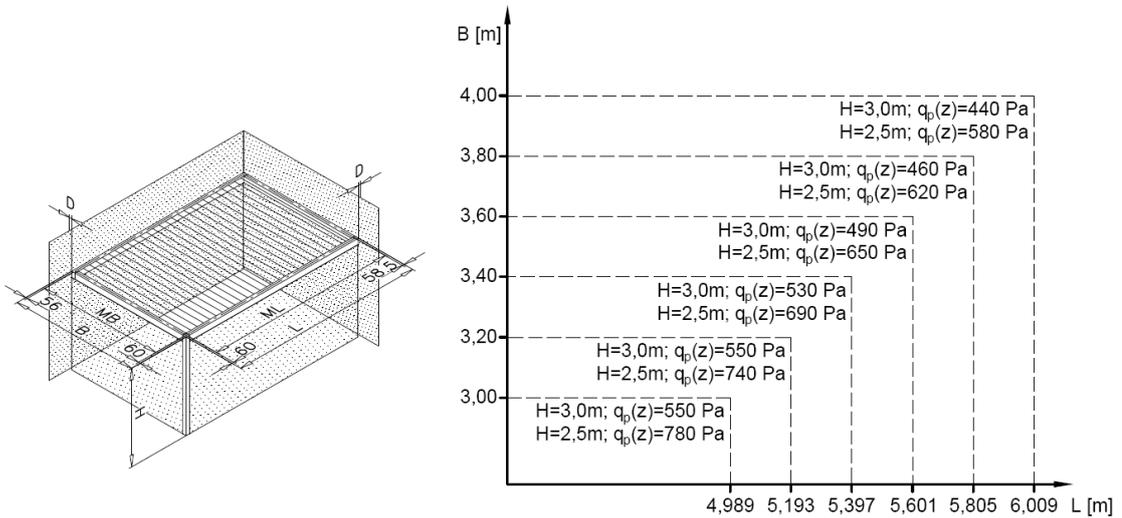
3.1.3.6. Single-bay pergola against a wall TYPE 2 with enclosure



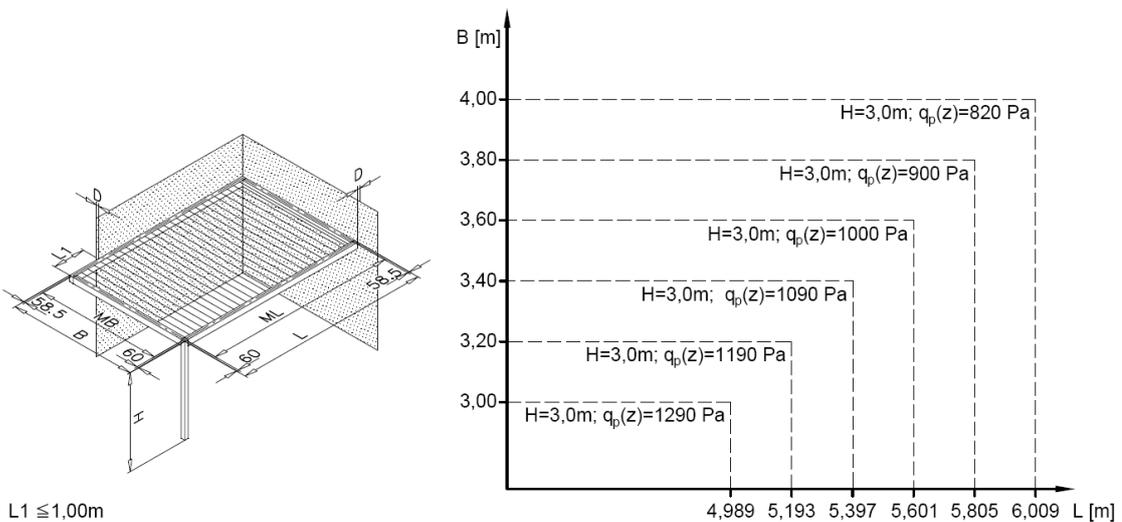
3.1.3.7. Single-bay pergola against the wall TYPE 3 without enclosure



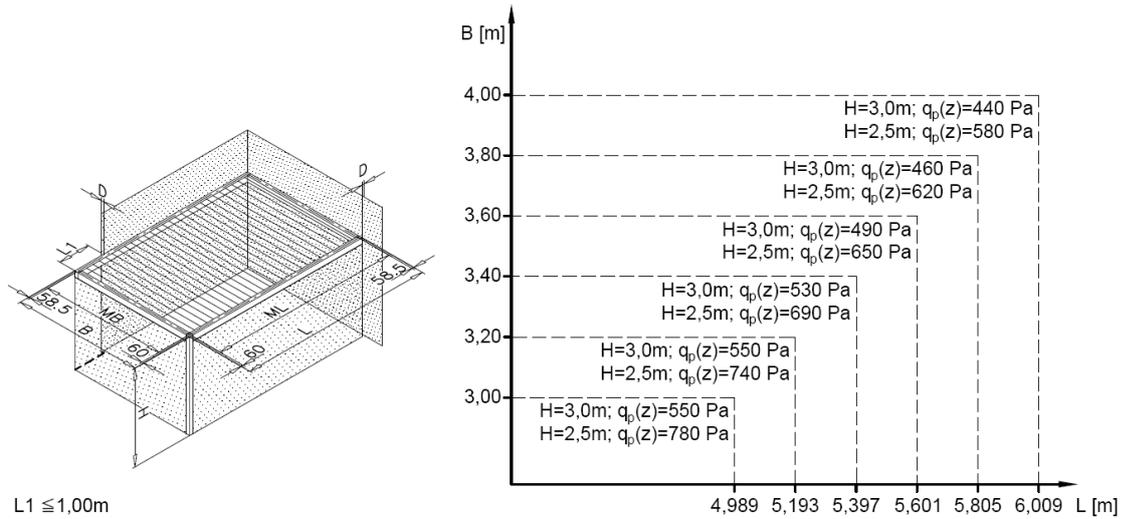
3.1.3.8. Single-bay pergola against the wall TYPE 3 with enclosure



3.1.3.9. Single-bay pergola against a wall TYPE 4 without enclosure



3.1.3.10. Single-bay pergola against the wall TYPE 4 with enclosure



3.1.4. Control specifications

Technical parameters of the LINAK LA23 drive			
Total length of the drive	341 – 541 [mm]	Power consumption	55 [W]
Torque	1500 [Nm]	Drive supply voltage	24 [V DC]
Number of turns	6,4 - 5,5 [mm/s]	Operating temperature	-30 ÷ + 50 [°C]
Maximum continuous operating time	2 [min.]	Protection degree	IPX6
Drive unit rated current	0,4 ÷ 1,7 [A], 8,7 [A]*		

* value for starting current

Technical parameters of the IOALL868 control unit			
Radio frequency	868 [MHz]*	Maximum output	240 [W]
Input voltage	200 - 240 [V AC]	Operating temperature	-20 ÷ + 45 [°C]
Output voltage	24 [V DC]	Protection degree	IP44

* Compatible with the Somfy io radio protocol.

4. OPERATION AND USE

The pergola and its components have been designed so that no part of it is permanently deformed during normal use (subject to the assumptions made in the static calculations).

Check the visual condition of the pergola regularly. If any irregularities are found, do not operate the pergola. In such a situation, we recommend contacting the supplier or their authorised representative.



Using a damaged or incomplete pergola and carrying out unauthorised repairs may pose a risk to health and life and may void the warranty.



The pergola is operated by an electric drive, so it cannot be opened or closed without power. Therefore, especially in areas with frequent power outages, it is recommended to have an additional power supply backup.



It is prohibited to use the product connected to the electrical system without valid and required inspections and measurements.



If smoke appears during use of the pergola, immediately switch off the power supply and contact the supplier or an authorised representative.

4.1. Use

When using the pergola, please observe the following recommendations, as failure to do so may result in damage:

- The product is safe to use provided that the recommendations contained in the documentation are followed and it is installed correctly.
- The product should only be used for its intended purpose.
- This pergola may only be used at ambient temperatures between -10°C and +45°C. Using the pergola outside the permitted temperature range may cause permanent damage.
- Before using the product, the end user should carry out an individual risk assessment, with particular emphasis on the safety of children and disabled persons.
- It is forbidden to use a faulty or incomplete product, as well as to make temporary repairs; the use of such a product may cause its destruction, pose a threat to the health and life of the user and may result in the loss of the warranty.
- It is forbidden to modify or interfere with the structural parts of the pergola. Any modifications will result in the loss of the warranty for the strength and stability of the entire product.
- The structure must be installed by a qualified installation team trained by Aluprof.
- No movement of the structure is permitted during operation of the drive. If this occurs, move to a safe distance and notify the service department of the incident.
- It is forbidden to use the product for purposes other than those intended by the manufacturer. The pergola structure is primarily designed to provide protection from the sun and rain.
- In case of snowfall, pay special attention to the height of the snow cover on the roof or open the roof at a 90-degree angle.
- It is forbidden to touch the roof structure or insert objects between the roof slats, especially when opening or closing the roof. Failure to comply with this provision may result in personal injury or damage to the actuator mechanism.
- If the roof slats do not close properly or there are other undesirable movements of the roof, report this to the service department or installation team. Do not attempt to adjust or repair the roof or structure yourself.
- The manufacturer is not liable for changes in mains voltage and any consequential damage to the product's electrical system.
- The manufacturer allows a maximum wind speed for unfolded pergola side covers of 45 km/h.
- In the absence of a wind sensor, when the wind exceeds the permissible values for a given size, the user is obliged to open the roof slats to an angle of 90 degrees and also to open the side screens.
- The pergola has been tested for water drainage efficiency. The maximum amount of water that the structure can drain is 57 litres/min (using 4 drainage points). However, in the event of very heavy rainfall (storms), it is possible for the gutter to overflow into the centre of the structure.
- In the event of hail or a high probability of hail, it is recommended to open the roof slats to an angle of 90 degrees in order to minimise possible damage to the roof's paint surface.
- In the event of regular heavy snowfall or a high risk of snowfall, set the „anti-freeze“ sensor to the specified temperature, which will cause the roof slats to open to 66% of their full opening.
- If the „anti-freeze“ sensor is not activated, the user is responsible for monitoring the maximum permissible snow load on the pergola roof. If the maximum load capacity is exceeded, the roof structure may be irreversibly deformed. Any claims in this regard will not be accepted.
- If you wish to operate the roof opening/closing mechanism in low temperatures, check that the roof slats are not frozen together. Operating the mechanism in such a situation may cause damage.
- Do not stay under the pergola during violent or intense weather conditions (e.g. heavy rain, heavy snowfall, storm, hailstorm, strong wind, etc.).
- Due to water vapour condensation, moisture may form in the roof slats and inside the structure.
- During expected snowfall or severe frost, it is recommended to switch off the automatic control system.
- When closing the pergola, make sure that there are no objects in the path of the slats. The working area of the slats should be free of any objects (e.g. cables, twigs, leaves), as their presence may damage the mechanism or prevent the roof from closing properly.
- It is forbidden to stand, climb, load or hang people or objects on the pergola structure (in particular on the roof slats).
- It is forbidden to install any objects on the product without the express written consent of the manufacturer.
- The product should be installed at a height that prevents free access to the blades and mechanisms, and in the event of partial free access to these elements, other safety measures should be taken to prevent such access.
- Do not allow children to use the roof control device. Keep the remote control device away from children.

- It is essential to ensure that children or other persons do not insert their fingers into the moving parts of the roof or the openings in the profiles. Do not allow children to play near the moving parts of the roof.
- Heat sources such as barbecues, heaters, stoves, chimneys, open fires, etc. must not be placed under the pergola, as this may damage the product.
- It is essential to pay attention to any signs of wear or damage to the Product's electrical cables. If such signs are noticed, the product must be immediately disconnected from the power supply and the fault rectified without delay.
- If the motor or other components are very noisy, switch off the power immediately and have the fault inspected and repaired if necessary.

4.2. Operation

The pergola can be operated using an electric actuator installed in the product.

When using time control, it is recommended to use full weather automation.

 The pergola structure allows the slats to be stopped at a selected angle within their operating range. They stop automatically at the end points.

 The limit positions of the drive unit are configured by the OEM. If they require adjustment, perform it in compliance with the supplied programming guide.

- The pergola is controlled using a wireless transmitter and/or a dedicated application.
- Functions: opening the slats / smooth angle adjustment / closing the slats.

Optional control devices:

- Weather sensors, e.g. wind, rain or sunlight, automatically change the position of the pergola in response to weather changes.
- Control clocks - programmed to open and close the pergola at a specified time.
- Controlling the pergola using a smart building system – the ability to manage devices in a given system from any mobile device connected to the internet – a tablet or smartphone.

 If the pergola is equipped with additional autonomous electrical devices (e.g. wind, sun or rain sensors), follow the instructions provided with the devices.

 Pergolas equipped with automatic control start up automatically, so care must be taken to prevent any dangerous situations.

 If, during operation of the pergola, the slats stop rotating and the actuator continues to operate, immediately switch off the actuator by pressing the appropriate button on the remote control.

5. MAINTENANCE AND REPAIRS

The product is considered dirty when it has visible and persistent marks that may be the result of the gradual accumulation of small particles (e.g. pollen, dust) carried by atmospheric factors such as wind, rain, snow or seeping or dripping water.

 If the dirt is not removed quickly enough, the stain may be difficult or impossible to remove due to the penetration of some of the dirt into the top coat of paint, therefore it is recommended to remove the dirt immediately.

Substances and methods that must not be used under any circumstances when caring for the product are:

- Any abrasive agents in powder, paste or liquid form, abrasive sponges, hard bristle brushes, etc.
- Pressure steam generators, high-pressure washers.
- Organic chemical products: acetone, petrol, benzene, ketones, fuel oil, kerosene, perchloroethylene, turpentine, toluene, trichloroethylene, crude oil, tetrahydrofuran (THF), ethyl acetate, hydrogen peroxide, etc.
- Inorganic chemical products: ammonia, nitric acid, sulphuric acid, acetic acid, hydrochloric acid, soda, caustic soda lye, caustic soda, bleach, etc.
- Homemade cleaning products prepared at home.

Difficult-to-remove stains, such as tar, resin, grease, pollen, bird droppings, rust, etc., may cause permanent stains. Persistent cleaning, especially with unauthorised agents or methods, may damage the product. It is recommended to determine the appropriateness of cleaning before starting work.

 Do not mix cleaning agents, as they can have a negative effect and damage the paint surface, although each agent is safe on its own.

5.1. Maintenance

 Do not attempt to alter or modify the product without authorisation; otherwise your product warranty will be void and the product may become a hazard of injury or death. Have all repairs done by a qualified technical service provider of the vendor or its authorised reseller.

 Isolate the mains power from the product before servicing! Hazard of death! Lock out the product against inadvertent reconnection of the supply voltage!

 Regularly check all visible parts of the pergola for blockages or other damage. If you detect any damage or malfunction, do not repair the pergola yourself, but call a service technician.

- The product should only be maintained and repaired by persons with the appropriate authorisation and qualifications (trained). Persons entrusted with activities related to the current use, hygiene and maintenance of the product are required to read the operating instructions and comply with them in full.
- When operating, caring for and maintaining the product, observe the regulations on occupational health and safety and environmental protection.
- Simple maintenance tasks can be performed by the pergola user on their own and do not require any special skills. These tasks include checking the correct operation of the roof and limit switches. They also include routine visual inspection of the technical condition.
- If signs of wear or damage to electrical cables are noticed, disconnect the product from the power supply and repair the fault.
- Electrical and control installations should be carried out and checked by an authorised person.
- In order to ensure long-term durability, it is recommended to clean the surface of the pergola regularly. Cleaning should be carried out using mild detergents (use the protective equipment required by the manufacturer of the chemicals) and always with the power supply to the structure switched off.
- The structure should be cleaned periodically (at least twice a year) and dirt should be removed from the roof and drainage system (leaves, needles, etc.). Failure to clean the structure may result in a blocked drainage system, which will cause water to overflow into the structure.
- Do not use sharp or hard materials for cleaning. Microfibre or cotton cloths are acceptable.
- Check the thickness of the snow cover on the roof. It is forbidden to exceed the permissible snow load.
- Moving or rotating parts of the product should be lubricated annually with silicone spray.
- Any foreign objects and dirt found in the pergola gutters should be removed regularly.
- The use of sharp objects on the product may damage the paint coating.
- Do not keep any sharp objects or protruding parts near the moving parts of the roof, as they may catch on its components and damage them.
- Roofing in urban and coastal environments is exposed to pollution (smoke, smog, acid rain, salt water), which causes the paint coating to become dirty. The product should be cleaned regularly, at least twice a year, and more often in conditions of increased pollution and in coastal environments.
- When working on the façade of the building to which the product is anchored, disconnect it from the power supply.
- The product should be inspected on an ongoing basis and debris such as branches, leaves, birds' nests and other objects should be removed on an ongoing basis; When removing these contaminants, exercise caution, bearing in mind that these objects may fall on a person standing near the product or on objects located under the product.
- When cleaning the product, take special care due to moving parts and the possibility of injury; disconnect the power supply, mark the work area appropriately and secure it; before cleaning the product, remove loose dirt with a vacuum cleaner with a soft brush or broom, then clean with water and mild detergents using a soft cotton cloth; after cleaning, always rinse the surface of the slats with water (use cleaning agents in accordance with the manufacturer's instructions).

- It is forbidden to use abrasive agents or pressure washers, which may damage the paint coating.
- During the first heavy rainfall, it is recommended to inspect the contact points for leaks and, if any leaks are found, to replenish the seals.

5.2. Repairs

 Do not carry out any repairs or modifications to the mechanisms and structure of the pergola yourself. In the event of a product malfunction or the need to replace parts or make any changes to its structure, contact the supplier or their authorised representative, as this work may only be carried out by an authorised installer.

The manufacturer will not be liable for:

- attempts to repair or modify the product yourself,
- loss of aesthetic value due to dirt, damage from chemicals, etc.,
- damage to the movement system due to overloading,
- installation not in accordance with the intended use, e.g. near heat sources,
- modifications and repairs carried out by the customer, resulting in damage to the pergola,
- cratching of the finish coating of the product caused during unpacking,
- other types of damage caused by:
 - incorrect use of the product,
 - careless storage of the product and/or its overloading;
 - failure to comply with the OEM's installation manual;
 - random events such as: the impact of animals, the effects of strong wind, rain, frost or snow.

5.3. Technical inspection and repairs

In order to maintain full functionality and correct operation of the pergola, it is recommended to carry out periodic (at least once a year) technical inspections. Their main task is to check the correct operation of the product and to check the completeness, condition and effectiveness of structural elements and electrical, control and safety devices, to adjust mechanisms and, if necessary, to replace parts worn out as a result of natural wear and tear.

 Do not perform any technical inspections on the product yourself, as this may void the warranty and pose a risk to health or life and proper operation. Servicing should be carried out by a qualified service technician from the supplier or their authorised representative. The user of the pergola is only authorised to carry out simple maintenance work as described in the maintenance section and to carry out regular visual checks of the technical condition.

 Regular inspections of the pergola can help to prevent possible failure.

 If an automatic weather sensor (wind/sun) is used, it should be switched to manual mode during the following periods: when the product cannot be used (e.g. due to low temperature, suspected malfunction, during inspections and maintenance, when the installer is working on the product's feathers and mechanisms); it is also recommended to switch off this sensor and open the roof in case of prolonged absence.

The products should be maintained fully operational and clean to ensure that their operation remains safe to the health and life of the users and compliant with the intended use.

Technical inspection steps:

- Check the durability and quality of the product mounting.
- Assessment of the correct operation of moving roof parts, including checking the correct operation of limit switches.
- Checking the durability and quality of screw and rivet connections.
- Check the actuator mounting.
- Inspect the moving parts of the product and check their technical condition.
- Adjust and correct the foregoing parts and components if required;
- Replace all worn components/parts.
- Technical inspection of the pergola's electrical cables and checking their connection to the electrical system.
- Risk of head injury when standing in the area of moving roof blades. It is prohibited to stand in the area where the blades and mechanisms are operating. If the drive arms are disconnected from the drive blades, the blades will close rapidly and spontaneously – risk of cutting and crushing.
- Check the condition of the silicone seals regularly, at intervals of no more than 6 months, and fill in any gaps (after degreasing and removing the damaged or leaking section of the seals). If leaks or dripping are noticed, immediate action should be taken to repair the leak.

 Use genuine spare parts only. Do not use non-approved spare parts!

6. HAZARDS

The Aluprof pergola is a product which, under normal or other reasonably foreseeable conditions of use, does not pose any risk or poses a negligible risk that is compatible with its normal use, taking into account the high level of requirements for the protection of human safety, life and health.

- It is prohibited to:
- Use of a damaged pergola
 - Activation of the pergola and storage of the remote control in a place easily accessible to persons requiring adult supervision.
 - Let non-qualified personnel attempt any electrical servicing, retrofitting or removal;

7. DISASSEMBLY AND DISPOSAL OF THE PRODUCT

-  The pergola may only be dismantled when the power supply is switched off.

The removal procedure is the reverse of the installation procedure (refer to the Installation Manual).

In order to dispose of the product after it has reached the end of its useful life, it must be dismantled and the individual components sorted in accordance with the Regulation of the Minister of the Environment of 2 January 2020 on the waste catalogue – Journal of Laws of 2020, item 10, as amended.



In accordance with the provisions of Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE), it is prohibited to place used equipment together with other waste, marked with a crossed-out wheeled bin symbol. Users are obliged to transfer their used equipment to a designated collection point for proper processing. The marking means, at the same time, that the equipment was put on the market after 13 August 2005. These legal obligations have been introduced to reduce the amount of waste generated from waste electrical and electronic equipment and to ensure an appropriate level of collection, recovery and recycling. The equipment does not contain any dangerous components, which would have any particularly negative impact on the environment and human health.

Pursuant to the Polish Electrical Battery Act of 24 April 2009, "Article 44: The end user shall hand over waste portable rechargeable and non-rechargeable batteries (which may include spent portable rechargeable and non-rechargeable batteries no longer being viable sources of electrical power) to a collector or collection point for waste rechargeable and non-rechargeable batteries". Moreover: „Article 12: It is forbidden to dispose of waste rechargeable and non-rechargeable batteries in the same waste container with other waste."

Moreover: „Article 12: It is forbidden to dispose of waste rechargeable and non-rechargeable batteries in the same waste container with other waste."

-  Prevent hazards to human and animal health and environmental pollution hazards by disposing of waste rechargeable and non-rechargeable batteries in dedicated containers at designated waste collection points.

Detailed specifications for handling WEEE and waste rechargeable and non-rechargeable batteries are regulated by Polish and EU environmental protection laws.

8. PRODUCT LABELLING

The pergola has a product label in a visible place.

The label includes, among other things, the manufacturer's details, the type number, the harmonised product standard number and the product characteristics.

The CE marking on the label indicates that the product complies with all directives applicable to the product.

It is recommended to leave the product label undamaged so that it can be read in the future.

SB450 pergola

The product meets CE safety requirements.

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Original instructions.

This document is part of the instructions within the meaning of the Regulation of the Minister of Economy of 21 October 2008 on the essential requirements for machinery.

The operating and maintenance instructions, installation instructions and product manufacturing documentation together constitute the entire set of instructions and are available from the manufacturer.

SB450 pergola

We reserve the right to any technical change.
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