

AUTOMATED PERGOLAS

Gardiun
TECHNO

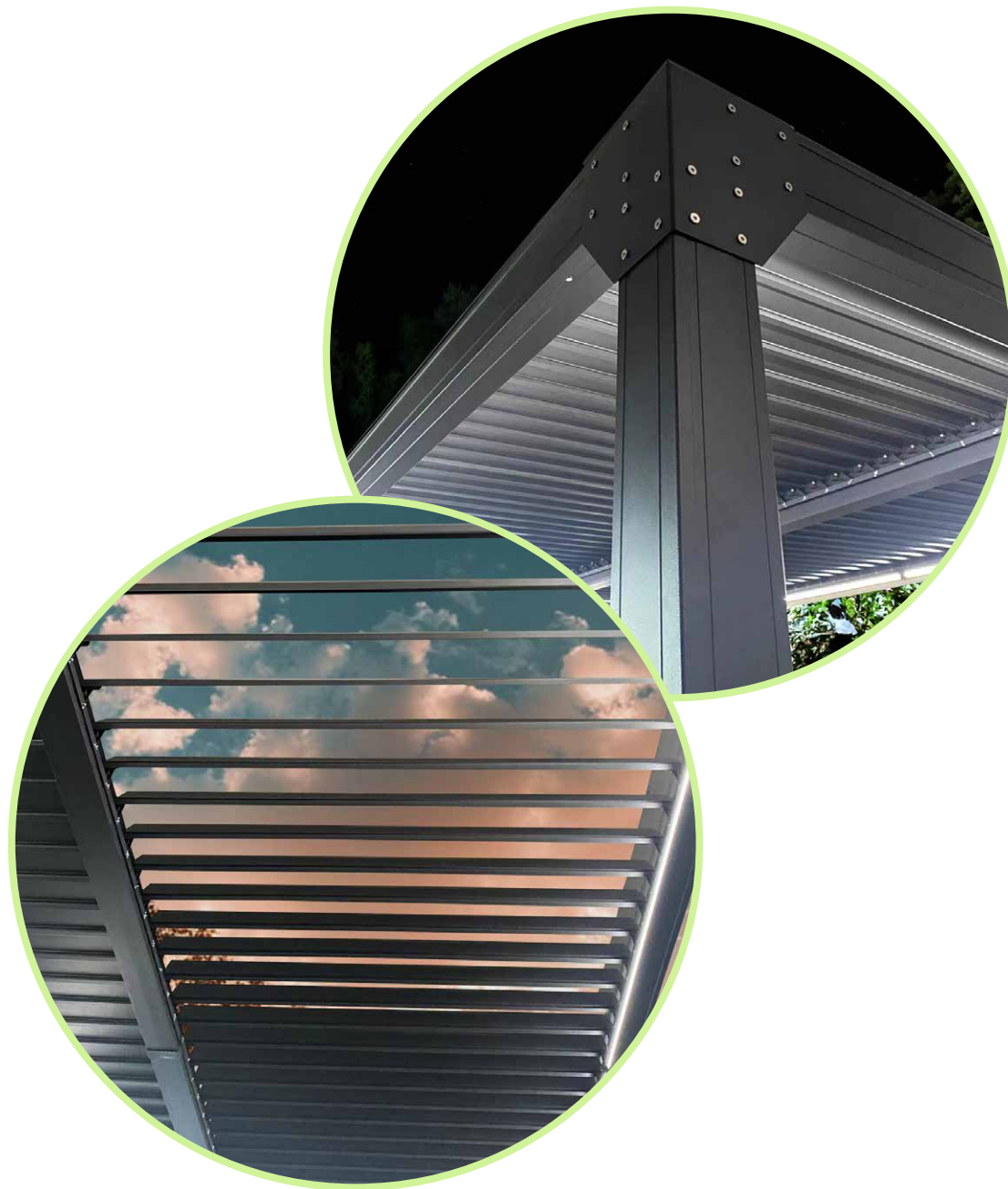


EXPAND AND PROTECT YOUR OUTDOOR SPACE SMARTLY

Automated bioclimatic pergolas are **intelligent outdoor structures** designed for modern homes and businesses.

Their **adjustable slats regulate ambient heat**, air flow, and the amount of light entering the space.

At night, they light up thanks to their **energy-efficient LED lighting system** with adjustable light temperature, enhancing the beauty of your garden while **helping you reduce your electricity bill**.





HOW DO THEY WORK?

These pergolas are equipped with **an automatic control system** that you can operate from a switch integrated into their structure. From the same control point, you can adjust the slats in the pergola's roof to any angle **between 0 and 100 degrees**.

When the slats are positioned 100% horizontally, they form a seamless roof, acting as a shield **against rain, snow, and wind** during the winter months. In the summer, they block out intense heat, creating a pleasant, shaded space.

As you can see, **bioclimatic pergolas** are designed to adapt to various and unpredictable weather changes. It's a new concept for outdoor spaces, **making them enjoyable year-round**.

WHAT ADVANTAGES DO THEY HAVE OVER TRADITIONAL PERGOLAS?

Automated bioclimatic pergolas have several important advantages over traditional pergolas:



Instant climate control: Bioclimatic pergolas can regulate temperature and create a comfortable space year-round, whereas traditional pergolas lack this dynamic adjustment capability.



Weather protection: The slats of bioclimatic pergolas can fully close, creating a sealed effect that provides protection from rain, wind, and intense sunlight. In contrast, traditional pergolas offer limited protection and often require additional awnings or fixed roofs.



Energy efficiency: Our bioclimatic pergolas are made from an aluminum alloy that can be recycled at the end of its life cycle, supporting the circular economy. Additionally, they come equipped with an LED lighting system that reduces energy consumption and helps lower your electricity bill.



Automation: Since they are automated, these pergolas can be controlled through a switch built into their structure. In contrast, traditional pergolas require manual adjustments, such as cranks or the removal of awnings.



Cutting-Edge Aesthetics: Our bioclimatic pergolas feature a contemporary, minimalist design. Their clean lines fit seamlessly into any environment, and they include “tech” finishes like integrated LED lighting.



Durability and Low Maintenance: Made from durable materials like aluminum, bioclimatic pergolas require less maintenance than traditional wooden or fabric pergolas, which tend to deteriorate more quickly over time.

In summary, **automated bioclimatic pergolas offer greater durability, control, and energy efficiency than traditional options.**

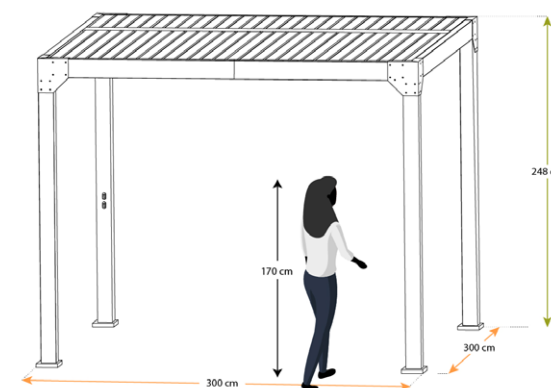
BIOCLIMATIC PERGOLA

SOMERSET 3X3



TECHNICAL SHEET

SOMERSET WHITE PERGOLA 3X3M (9M²)



The “**Somerset 3x3**” model is an automated bioclimatic gazebo-style pergola, made from a corrosion-resistant aluminum alloy.

This structure features **adjustable slats that can tilt from 0 to 100 degrees**. You can make the most of daylight while controlling ventilation, or close the slats completely to seal the space, **protecting it from rain, snow, and wind** in winter or from intense sun in summer.

The slat inclination is controlled by an **automatic system**, allowing you to create the perfect atmosphere at any time.

When night falls, light it up. The pergola is equipped with **energy-efficient automatic LED lights**, helping you save on your electricity bill. It also features an adjustable light temperature selector for both cool and warm lighting.

Its 9m² surface allows you to enjoy your outdoor space year-round.

LOGISTICS - N°. OF PACKAGES: 4



P1

Measures:
150 x 30 x 17 cm
Weight:
18,5 kg



P2

Measures:
190 x 30 x 29 cm
Weight:
33 kg



P3

Measures:
235 x 31 x 27 cm
Weight:
35 kg



P4

Measures:
150 x 31 x 20 cm
Weight:
32 kg

STRUCTURAL FEATURES

Structure Material:	Aluminum
Color:	White
Product Dimensions:	300 x 300 x 248 cm
Total Product Weight:	106 kg
Total Area:	9 m ²
Slat Material:	Aluminum
Lighting:	LED Lights
Automation:	Lights and slats
Control:	Pergola switch
Adjustable Slats:	0-100°

OTHER FEATURES:	UV Protection
	Water Drainage System

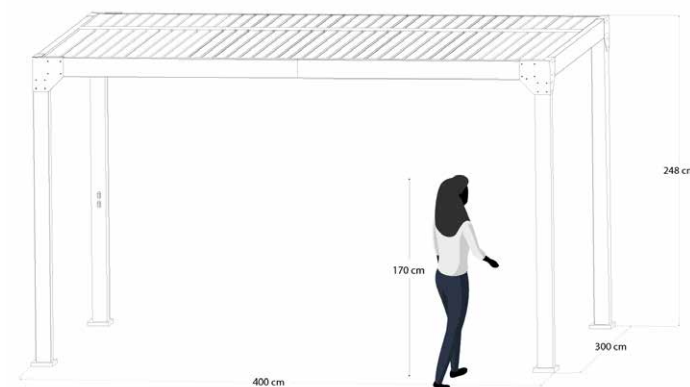
BIOCLIMATIC PERGOLA

SOMERSET 3X4



TECHNICAL SHEET

SOMERSET WHITE PERGOLA 3X4M (12M²)



The “**Somerset 3x4**” model is an **automated bioclimatic pergola** made from a corrosion-resistant aluminum alloy.

It features an **automatic control system** integrated into its structure, allowing you to adjust the **slats from 0 to 100 degrees**. When fully closed, it acts as **a shield against rain, snow, wind**, and intense sunlight.

The pergola is equipped with **an automated lighting system** that includes energy-efficient LED lights, with a **selector for cool and warm light temperatures**. This will not only make your garden look stunning but also help you save on your electricity bill.

With its **12m² area**, you'll enjoy more outdoor living space throughout all seasons of the year.

LOGISTICS - N°. OF PACKAGES: 4



P1

Measures:
150 x 30 x 17 cm
Weight:
18,5 kg



P2

Measures:
235 x 30 x 29 cm
Weight:
39 kg



P3

Measures:
235 x 31 x 27 cm
Weight:
35 kg



P4

Measures:
150 x 38 x 22 cm
Weight:
38 kg

STRUCTURAL FEATURES

Structure Material:	Aluminum
Color:	White
Product Dimensions:	300 x 400 x 248 cm
Total Product Weight:	115 kg
Total Area:	12 m ²
Slat Material:	Aluminum
Lighting:	LED Lights
Automation:	Lights and slats
Control:	Pergola switch
Adjustable Slats:	0-100°

OTHER FEATURES:	UV Protection
	Water Drainage System

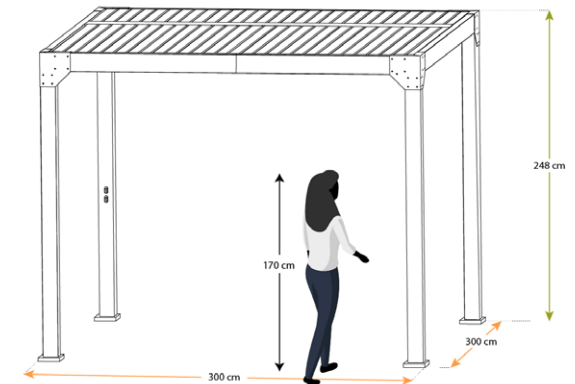
BIOCLIMATIC PERGOLA

SOMERSET 3X3



TECHNICAL SHEET

SOMERSET ANTHRACITE GRAY PERGOLA 3X3M (9M²)



The “**Somerset 3x3**” outdoor pergola is an automated gazebo made from an aluminum alloy. Its adjustable slats allow precise control of sunlight and ventilation, and they can close completely to **protect the space from rain, snow, wind, and intense summer sun**. The slats are adjusted through an **automatic control system**.

At night, the **energy-efficient LED lighting system** enhances the space’s beauty while optimizing energy use, and it also includes a temperature **selector to switch between cool and warm light**. With 9 m² of minimalist design and clean lines, it adds both elegance and functionality to your outdoor area, allowing you to enjoy it year-round.

LOGISTICS - Nº. OF PACKAGES: 4



P1

Measures:
150 x 30 x 17 cm
Weight:
18,5 kg



P2

Measures:
190 x 30 x 29 cm
Weight:
33 kg



P3

Measures:
235 x 31 x 27 cm
Weight:
35 kg



P4

Measures:
150 x 31 x 20 cm
Weight:
32 kg

STRUCTURAL FEATURES

Structure Material:	Aluminum
Color:	Anthracite gray
Product Dimensions:	300 x 300 x 248 cm
Total Product Weight:	106 kg
Total Area:	9 m ²
Slat Material:	Aluminum
Lighting:	LED Lights
Automation:	Lights and slats
Control:	Pergola switch
Adjustable Slats:	0-100°

OTHER FEATURES:	UV Protection
	Water Drainage System

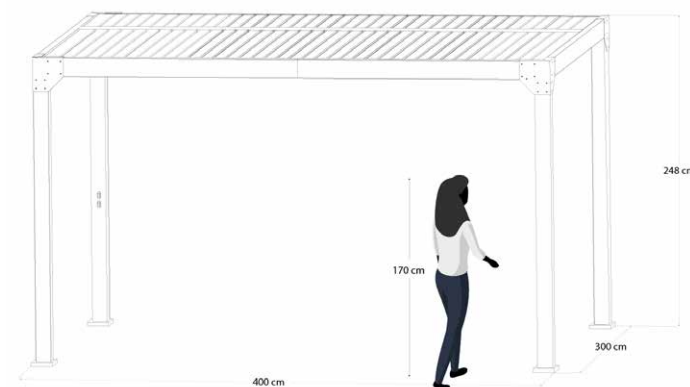
BIOCLIMATIC PERGOLA

SOMERSET 3X4



TECHNICAL SHEET

SOMERSET ANTHRACITE GRAY PERGOLA 3X4M (12M²)



This **automated outdoor pergola** is built from an **aluminum alloy**. Its adjustable slats provide optimal control over light and ventilation, and they **can be fully closed to create a shield** against rain, snow, and wind during the colder months, or against intense summer sun. The slats are adjusted via **an automatic system**.

For evenings, it features **energy-efficient automatic LED lighting** with a temperature selector for **cool and warm light**, enhancing the space while also **conserving energy**.

Its **clean, minimalist design elevates** any outdoor area, giving you a space to enjoy year-round.

LOGISTICS - N°. OF PACKAGES: 4



P1

Measures:
150 x 30 x 17 cm
Weight:
18,5 kg



P2

Measures:
235 x 30 x 29 cm
Weight:
39 kg



P3

Measures:
235 x 31 x 27 cm
Weight:
35 kg



P4

Measures:
150 x 38 x 22 cm
Weight:
38 kg

STRUCTURAL FEATURES

Structure Material:	Aluminum
Color:	Anthracite gray
Product Dimensions:	300 x 400 x 248 cm
Total Product Weight:	115 kg
Total Area:	12 m ²
Slat Material:	Aluminum
Lighting:	LED Lights
Automation:	Lights and slats
Control:	Pergola switch
Adjustable Slats:	0-100°

OTHER FEATURES:	UV Protection
	Water Drainage System

Gardiun TECHNO

Do you need help, do you want more information? Contact us...



Official Gardiun® distributor

www.kovyx.com