

## 414P SERIES

### Aluminium Bioclimatic Patio pergola

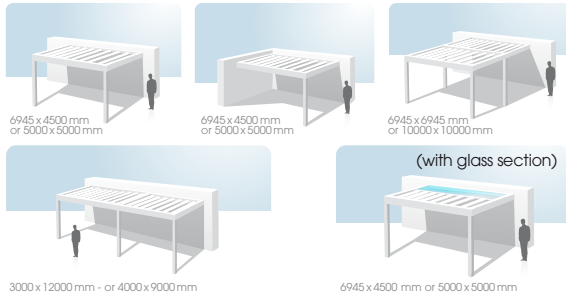
From the creator of stylish outdoor living spaces... Designed for the home (house, apartment block) and professional markets, Wallis&Outdoor® **bioclimatic patio pergola** protect from the sun in summer and allow the sun's light and warmth through in winter. The air circulation between slats provides natural ventilation. Wallis&Outdoor® bioclimatic patio pergola **blend in perfectly with any architectural style, modern, contemporary, or classical. They expand and optimize your outdoor spaces**, combining comfort with great looks while enhancing the main building. Profils Systèmes® is indeed the first company to obtain **CSTB accreditation** for its WALLIS & OUTDOOR® bioclimatic patio pergola.

#### CHARACTERISTICS

- **First bioclimatic patio pergola** to receive French accreditation CSTB (building technical office) approval No.101-01-P01
- **High durability** product
- **Elegant, low-key** design
- **Trophy Archi Design Club 2013** award
- Numerous **configurations**
- Numerous **options & customization** features
- **Thermal comfort** : adjustable angle slats giving relief from the harsh sun in summer and optimum solar gain in winter
- **Watertight** when closed\*
- **Integrated drive** tested for 14,000 cycles
- Rainwater run-off with downpipe in any chosen corner
- **Smart lean finish** with concealed screws
- **Ready to fit**
- Available in all Profils Systèmes' exclusive colours : Terra Cigala®, Profils Color®, Terre de Matières®
- Colour shades guaranteed up to 25 years\*

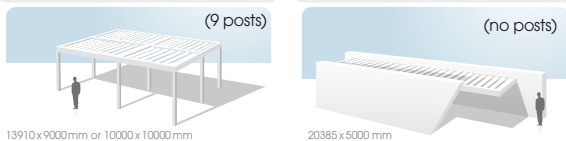
#### CONFIGURATIONS

Examples of lean-to units (2 posts)



Example of self standing unit

Example of suspended unit



Example of corner fitting

Example of offset posts



#### DIMENSIONS

Large sizes :

- Up to 6945x4500mm with simple slats (2 posts)
- Up to 5000x5000mm with hollow section slats (3 posts)
- Up to 12000x3000mm with simple slats (3 posts)
- Max height 3000mm
- Trapezoid shapes

\* per requirements of SNFA professional rules for aluminium patio pergola



#### POSTS

- 135x135mm alu posts invisible fixtures or one-piece hollow section
- 105x105mm alu posts (AAS and patio roofs of lean-to)
- Offset posts
- 30 x 135 mm (decor posts)

#### SLATS

- Orientable extruded slats made from, 100% recyclable 6060 aluminium alloy
- Slats can be tilted up to 125° to fine tune the solar protection and ventilation

#### WEATHER PROOFING

- Weatherproof in closed position
- Water run-off via edge gutter with rainwater downpipe in any chosen corner
- Floor plate or embedded fastening
- Maximum snow load : 90 kg/m<sup>2</sup>

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### OPTIONS

A host of options are available to increase the comfort of a WALLIS& OUTDOOR® patio pergola even further.

### CLIMATE MANAGEMENT

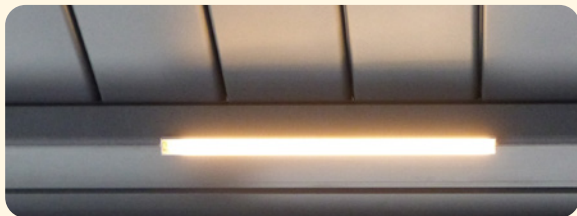
This automated solution optimizes the comfort and the safety of the adjustable sunscreen & patio roof. Several sensors are available :

- Rain detector
- Wind sensor for anti lift-off in strong winds
- Temperature sensor in the central control unit to protect against snow and ice
- Sunlight sensor

### LED LIGHTING

Three LED lighting systems with dimmer are available. The central control unit allows several of lighting to be controlled, with a dimmer\*.

#### LED RAIL



#### LED STRIP WHITE OR RGB



#### LED SPOTLIGHT\*



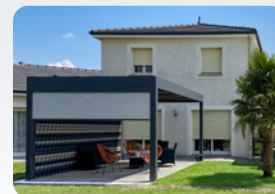
\*No variation for spots with IO control unit

### BLINDS



Sections and profiles are specifically adapted to integrate blinds and shutters. The blinds can be operated from a distance via the remote handset and the central climate control system. The blind housing features the same sleek design as the patio pergola :

- Glazed or opaque doors, fixed or sliding
- ZipSCREEN solar protection
- Cristal Fabric



### HEATING



An infrared heating system with no visible red light is available. Its elegant, discreet design makes this infrared heating the ideal heating solution for café exteriors, winter gardens, smoking areas. With its sophisticated technique and its wireless, battery-less remote control option, this system ushers in a new generation of infrared heating.



### MIST COOLER



The high pressure mist is generated by pumps delivering 70 bar pressure in near-silence. The water is sprayed through fine nozzles to form a delicate veil of mist. The mist spray has other uses too :

- diffusing various atmospheric products (perfume, disinfectant, insecticide)
- maintaining a virtually constant temperature and humidity

### WALLIS & OUTDOOR

design by  
DANK ARCHITECTES

WALLIS&OUTDOOR® Design by Dank Architectes is the first pergola concept directly inspired by nature for the hotel, community and residential markets!



The collection comes in 6 chromatic versions : SAND, SUNNY, FOREST, CELEST, HAVANE, PURE, and is available for the full Profils Systèmes range of pergolas : retractable pergola, pergola with orientable slats (motorised or manually operated) or even fixed... Ideas are infinite to provide you with the modular space you want, letting you play with light and shade to create luminous ambiances all year round.

Powdercoating Garantéed\*



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