

414PR SERIES Retractable pergola

An alternative to other aluminium pergola systems in the WALLIS&OUTDOOR® range, the retractable pergola is the ideal solution for enjoying the outdoors, whatever the weather. Opened completely for a space bathed in sunshine; partially retracted to keep a place in the shade; or completely closed to escape the rain or sun. Adjust the opening to protect or enjoy yourself ! Once retracted, the slats take up only one third of the surface area of the pergola.

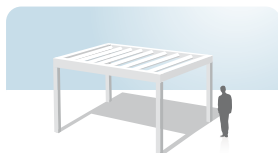
CHARACTERISTICS

- Opens smoothly and silently in only 30 seconds
- Opens up to over 2/3 of the canopy area
- Waterproof*
- Integrated motorised drive
- 3 600 cycle test = 1 opening and closing cycle per day for 10 years
- Thermal comfort
- Excellent finish: invisible fasteners
- Available ready-to-install
- Possibility of mixing the retractable pergola with a veranda roofing, with a roof with fixed louvers or beams, thanks to an intermediate profile
- Available in 6 new colour models from the Wallis&Outdoor® design by Dank Architects collection
- Available in all the exclusive Profils Systèmes colours
- Colour fastness guaranteed for up to 25 years

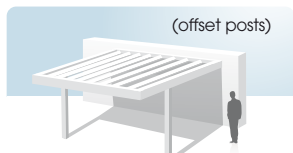
* Waterproof in accordance with the SNFA professional regulations for aluminium-framed pergola systems

CONFIGURATIONS

Self-standing



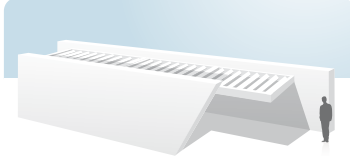
Wall mounted (2 or 3 posts)



Lean-to unit
(2 or 3 posts)



Suspended (without poteaux)



DIMENSIONS

Available up to :
6119 mm (Deep) X 4000 mm (Wide) X 3000 mm (High)

POSTS

- 105x105 mm
- 135x135 mm with cover
- 135x135 mm one-piece
- 30x135 mm (decor posts)
- Offset posts

SLATS

- 193 x 48 mm tubular slats
- 6060 aluminium alloy, 100% recyclable

MOTORISED CONTROL

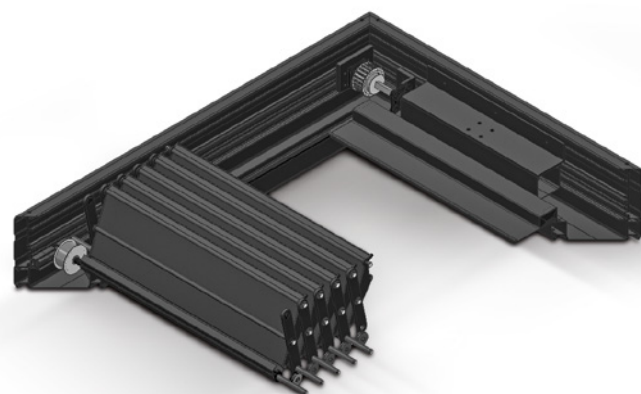
- Controlled by remote control, IO, and Smartphone
- 220 volt motorised drive fastened by a lacquered kit, matching the pergola colour
- IP54 motor, protected by a lacquered aluminium cover, matching the pergola colour
- Motorised drive positioned opposite the retracted apron

OPENING / CLOSING

- **Opening cinematics** : the slats pivot when they retract. No orientation change of the slats without opening
- **Opens/closes in 30 seconds** (for 4m deep pergola)
- **Opens/closes via pantograph** operated by two drive belts
- **Drive belts connected** via a lacquered aluminium piece to the first canopy slat
- **Steel-reinforced PU** drive belts, designed to resist UV and temperature variations
- **Mandatory external temperature sensor** for automatic opening/closing controlled by a Tahoma

OPTIONS

- **Climate management** : wind and rain sensors
- **LED lighting** (except for spots within the slats)
- Heating
- Closures
- Mist Cooler



414P SERIES

OPTIONS

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

CLIMATE MANAGEMENT

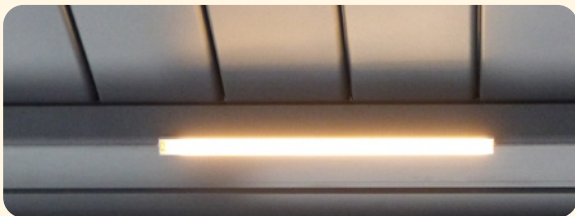
This automated solution optimizes the comfort and the safety of the adjustable sunscreen & patio roof. Several sensors are available :

- 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 cover :

- 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 Guaranteed*



*This guarantee is only available to professional retailers who are clients of Profils Systèmes, see terms and conditions of sale at www.profil-systemes.com

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