



Pergotenda®  
**Arko**



A completely unique wood system that creates an unobstructed view. The Arko is the only Pergotenda® design that mounts to a wall without any pillar support.

Time to fly



Limitless



## PERGOTENDA® ARKO



**Arko** is a wall mounted retractable cover system custom made to protect against sun and rain. It consists of a laminated wood structure and a folding canvas. The fabric is supported by intermediate supporting tubes (1.6"x2") and terminal bars (3.2"x2") set parallel to one another every 24" approximately on pitched version and every 20" approximately on flat version. The canvas moves by sliding on the runners (2"x3.5") on runners with 6 asymmetrical wheels with a capacity of about 1000 lbs each. The toothed transmission belt has stainless steel cables and resists a saline environment; the tensile strength is of 2000 lbs at break; the transmission belt is inserted in each runner, controlled by the drive pulley and a single drive shaft that guarantees the smooth movement of the canvas. The Arko system is operated by a radio-controlled Dunker D839 motor. The structure, in autoclave treated Scandinavian pine wood (class 3 - UNI EN 335-3), is available in 1.8"x6", 3.5"x4.8" sections. The aluminum runners are concealed in the wood rafters. Hardware and accessories are 304 stainless steel. While Corradi USA possesses a great deal of data related to engineering for the Pergotenda product line that is related to wind ratings and load data that has been developed through specific product tests, case studies and IBC testing. It is understood that when required and due to the custom nature of our projects, engineering must be project specific and adhere to the rules and regulations at the local level where such a project shall be planned and installed.

### FEATURES

**ANTIDRIP SYSTEM** Weldable PVC profile on the upper part of the canvas for lateral rainwater retention. This PVC profile is welded to each far side of a pitched roof canopy to prevent water from dripping over the sides and forces the water to shed into the gutter system.

**ANTISPRAY PROFILE** PVC profile inserted on the lateral side of the runner for retention of rainwater spray. Always in addition to the ANTIDRIP SYSTEM. The AntiSpray prevents water from a heavy downpour from "splashing" over the AntiDrip profile and dripping over the sides.

**MOTORIZATION** All Pergotenda® are motorized, giving you complete control at the touch of a button.

**HOOD** The Protective Hood Cover is an aluminum corrugated standing seam cover that is positioned where the unit mounts to the wall or at the back of the unit on a Freestanding model for the purpose of protecting the Roof Canopy Swags that created when the roof retracts and to prevent any water or debris from collecting in the swags. The Protective Hood Cover is powder coated for longevity.

**WALL MOUNT ONLY** Mounted to a wall installation.

### OPTIONS

**ADD-ON INTERMEDIATE SUPPORT TUBE** Used to reduce the height of the canopy swag when the roof unit is retracted, usually for purposes of clearing a door opening or a window. Only two (2) tubes total may be added to any single roof canopy.

**ADD-ON RUNNER** The mechanical Runner is the equivalent of roof truss or rafter and is what the roof canopy is attached to. Adding a Runner is considered when the roof pitch angle needs to be reduced to properly shed water and manage it into the gutter systems. Adding a runner may also be considered to reduce the pitch of the roof for design purposes as well.

**LIGHTING** The Pergotenda® lighting system is a custom designed system that seamlessly integrates into the Pergotenda® intermediate tubes.

**FIXED GUTTER (pitched versions only)** Extruded aluminum profile for rainwater collection fixed to the end support tube. Down pipes and accessories included.

**FAUX CEILING** A unique option that hangs a colorful fabric beneath the roofing material to add warmth and atmosphere to the room. The Faux Ceiling fabric can provide for an excellent opportunity to blend other colors or materials that are part of furnishings or cushions. The softer fabric material may also be a benefit in reducing noise or providing other minimal acoustic properties to dampen surrounding noise. This option will depend on the type of fabric. The Faux Ceiling fabric generally must be from the Corradi USA collection or an approved alternate.

**RETRACTABLE GUTTER** Extruded aluminum profile for rainwater collection fixed to the end support tube. One drainage per runner.

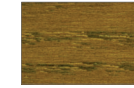
### FRAME COLORS

#### WOOD STAIN\*

Scandinavian laminar pine wood used for wood Pergotenda® is structurally composed of layers glued together with adhesives that resist humidity. Pressure treated with mineral salts in an autoclave significantly increasing resistance to biological degradation. The support tubes come in: White Quartz, Glacier, & Beach Sand to match with the Eclissi fabric.



CHESTNUT



NATURAL



WALNUT



ANTHRACITE



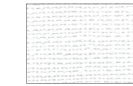
WHITE

\*CUSTOM COLOR PAINTING IS ALSO AVAILABLE  
Due to print variation these finish images should not be used for final production specifications.

### FABRICS

#### ECLISSI BLACKOUT FABRIC

Eclissi fabric is exclusively used by Corradi USA for Pergotenda® structures. It is a High tenacity 1100 Dtex Polyester base fabric with PVC laminate. The embossed finish on the inner side gives a textile appearance and a dynamic weft effect on the viewable surface. The outer side has an anti-dust acrylic lacquer. This unique 4-ply material has a blackout layer that also acts as a radiant barrier, providing superior heat resistance and heat gain as compared to other textiles used in these types of applications. It is available in 3 colors:



ECLISSI WHITE



ECLISSI GREY



ECLISSI IVORY

### OTHER RETRACTABLE ROOF FABRICS AVAILABLE

#### SERGE FERRARI SOLTIS PROOF W96

See Fabrics section pg. 155 for more information on this fabric.

#### SERGE FERRARI SOLTIS PROOF 502

See Fabrics section pg. 155 for more information on this fabric.

#### SERGE FERRARI SOLTIS PERFORM 92

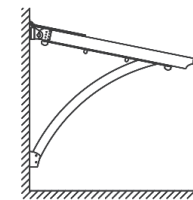
See Fabrics section pg. 155 for more information on this fabric.

#### SERGE FERRARI SOLTIS HORIZON 86

See Fabrics section pg. 155 for more information on this fabric.

### MOTORS

#### RADIO CONTROLLED DUNKER D839



#### PITCHED (only) MAX DIMENSIONS

	Width	Projection
2 runner	157"	157"
3 runner	315"	157"
4 runner	472"	157"

\*Note: When 4 runners, the Arko will require 2 motors.  
The Arko is only available in pitched.  
5 runner is not available with the Arko.