

TechnoEVB-S90

Motorized External Venetian Blinds

By TechnoShade



Smart Window Solutions for Sustainable Architecture

TechnoEVB-S90

The External Motorized Venetian Blinds

Description:

TechnoEVB-S90 is the motorized "External Venetian Blind" that has an "S" or "Z" shaped blade to provide Architects with efficient and modern element for external solar shading solutions. The TechnoEVB-S90 blinds are articulated with a 90° rotation and tilting the slats is possible at all heights.

Slat Composition: Slats are made of "pre-enameled" Alu/Mg alloy slats 0.42 mm thick

Lowering & Raising: Through a waterproof tape

Tilting: Through a Slat Ladder support

Guiding: Extruded aluminum side guide or guiding cable

Motor: 220v 50-60Hz square shaped gear motor

Feature:

- 1- Maximum possibility of light regulation
- 2- High level of insulation
- 3- Silent operation of external venetian blinds

Application:

The TechnoEVB-S90 is suitable for both retrofit and new construction projects. It has proven over the years its high efficiency as an Architectural façade element for individual houses, residential buildings and commercial buildings as well as for schools, hospitals and hotels.



View from the outside



View from the inside

Opening Dimensions:

Maximum Dimensions:

Maximum Shutter Height D = 4000 mm

Maximum Shutter Width = 4000 mm

Maximum Shutter Area = 14 m²

Minimum Dimensions:

Minimum Width (Manual) = 400 mm

Minimum Width (Motorized) = 600 mm

TechnoS90 Technical Details

Perspective: S90 - External Venetian Blind



Slat : S90 - External Venetian Blind



Front View: S90 External Venetian Blind



TechnoS90 Pictures In Different Positions

TechnoS90 at 0 degrees offering Maximum View



TechnoS90 at 30 degrees offering Less View



TechnoS90 Pictures In Different Positions

TechnoS90 at 45 degrees offering Minimal View

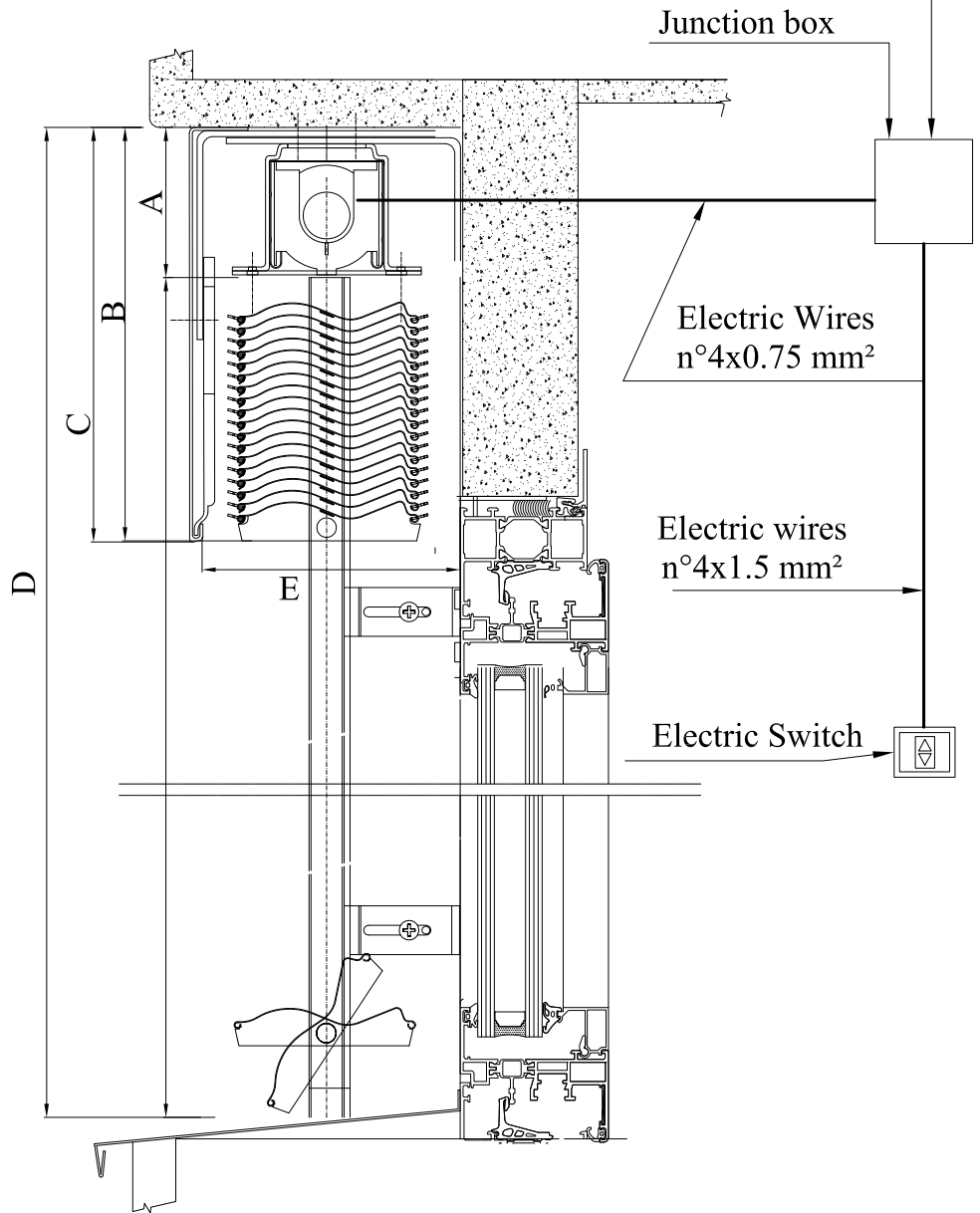


TechnoS90 at 90 degrees in a Closed Position



TechnoS90 Technical Data

230 V 50 Hz 10 A



Descriptions

A =	Distance to the first slat
B =	Height shutter pocket
C =	Height of fascia
D =	Total Height of shutter
E =	Recommended reservation 150 mm minimum

Wind Resistance

Wind Speed (km/h)	Shutter width (mm)	Class
< 90	0-2200	6
< 75	2200 to 4000	5

Table of dimensions (all Dimensions in mm)

D = Total Height (mm)	From	1010	1260	1510	1760	2010	2510	2760	3010	3260	3510	3760
	to	1250	1500	1750	2000	2250	2750	3000	3250	3500	3750	4000
B = Bundle Height (mm)		170	180	200	210	230	240	250	270	280	290	300

Maximum Dimensions

Maximum Shutter Height D =	4000 mm
Maximum Shutter Width =	4000 mm
Maximum Shutter Area =	14 m ²

Minimum Dimensions

Minimum Width (manual) =	400 mm
Minimum Width (motorized) =	600 mm



Through an overall approach to Sustainable Development, combining “**bioclimatic principles**” with both comfort to the occupant and refined Architecture, TechnoShade is a leading company involved in Sustainable Architecture through providing a variety of Smart Window Solutions. Our Automated Roller Shades, our Smart Roller Shutters, our Aesthetic Louvers and our external **illuminated Facade Canopies** are all “**energy-efficient**” Architectural elements dedicated to form a “dynamic façade” and contribute in optimizing the energy performance of a building. Our external **Convertible Umbrellas** and **Pergola Shadings** are dedicated to provide additional living space and comfort.

TechnoShade has a 20-year experienced team following up all the different phases of making a smart building: from preliminary design to execution details followed by implementation and configuration.

TechnoShade has contributed in the realization of many projects in different applications such as residential towers, hospitals, administrative buildings, universities, hotels, among them many are LEED certified.



TechnoShade[®]

Natural Light Management[™]

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