

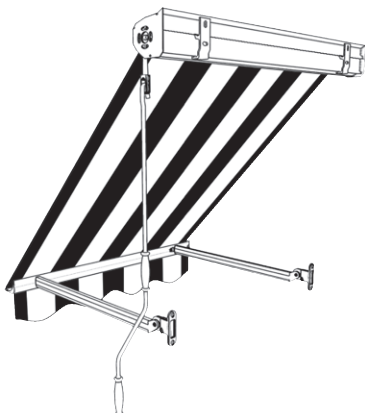
Italia Box Radial Arm Awning

Specifications

Italia Box

Compact radial arm awning

- a popular product for small, medium and large windows



Italia Box is a strong and reliable, fully cassetted radial arm awning suitable for wind speeds up to 35 km/h. Italia Box can be easily controlled from outside and is suitable for private houses, and commercial premises.

The awning has adjustable springs on the radial arms to ensure the best fabric tension for widths up to 4.5m. A stylish aluminium cassette cover and curved front rail enhances the appearance and protects the awning from wind and rain. Italia Box is quick and easy to install on the wall, the top of the window or into a recess. The optimized design and materials of Italia Box ensure a long product life and low maintenance.

Operation

Italia Box can be operated manually by a gear crank drive or by motorization controls. Crank handle lengths are available in 1m, 1.5m or 1.8m, 2.2m to suit the location requirements for manual operation.

Installation

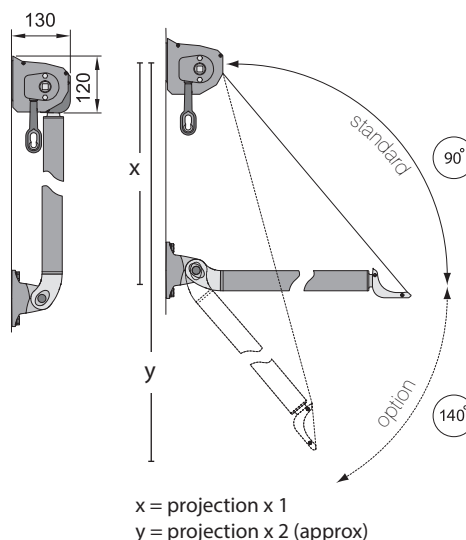
Italia Box awnings can easily be installed directly onto the window architrave, the wall, or under the eaves. We recommend two brackets for awnings up to 2m wide and one additional bracket for every 1.5m in width thereafter.

Radial Arms

Aluminium drop arms with adjustable springs ensure excellent fabric tension.



Installation Dimensions



Components

Manufactured from a selection of anti-corrosive, highly durable materials allows us to offer a comprehensive three year warranty. For installations near coastal areas we recommend washing components and rails with fresh water 3 or 4 times a year.

Dimensions

Standard projection (m): 1.0m and 1.4m
Special projections (less than 1.4m) are available on request (minimum projection is 0.6m).
Minimum width: 1.0m per unit
Maximum width: 4.5m per unit

Optional Extras

Crank Handle



Motion Sensor



Wind Sensor



Sun Sensor



Rain Sensor



Motorisation



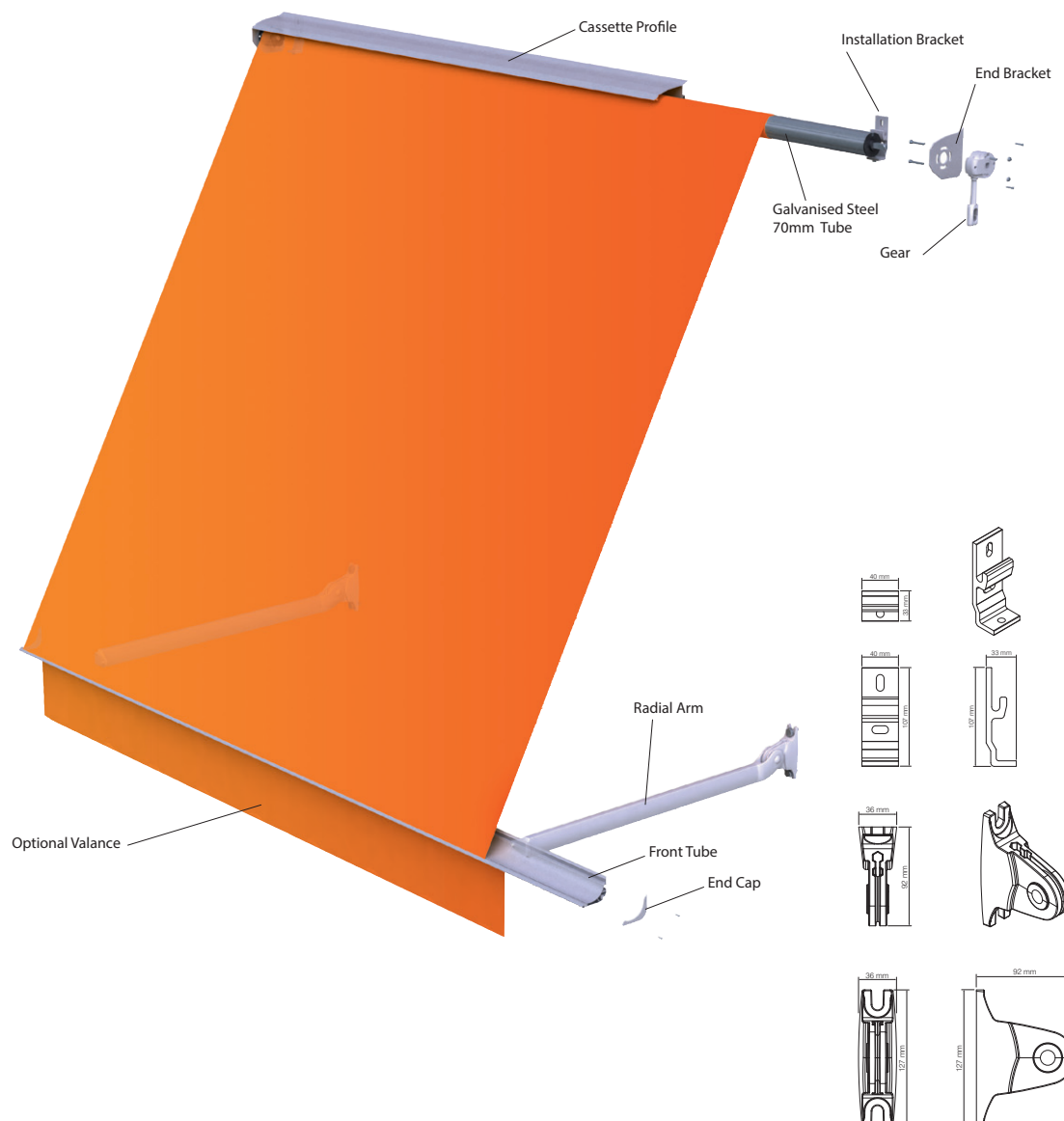
Valance



Italia Box Radial Arm Awning

Specifications continued...

Italia Box Specifications



Description

Range of Application

Italia Box is a compact, fully cassetted radial arm awning suitable for most buildings such as villas, town houses, offices, shops, schools and hospitals.

Operation

External operation with manual gear crank drive or motor. The motor can be completed with automatic controls for example sun and wind sensors.

Installation

The awning can easily be installed directly onto the window architrave, the wall, or under the eaves.

Drop Arms

The arm profiles are manufactured with extruded aluminium. Radial arms incorporate adjustable springs for excellent fabric tension. Drop arms can be lowered up to 140° (Standard angle of 90° pictured above).

Components

Cassette and brackets are manufactured of Aluminium. The removable steel crank handle is powder coated. End caps for front tube are manufactured of Aluminium. Fasteners are manufactured of stainless steel.

Tube

Roller tube (70mm) is manufactured of Galvanised Steel.

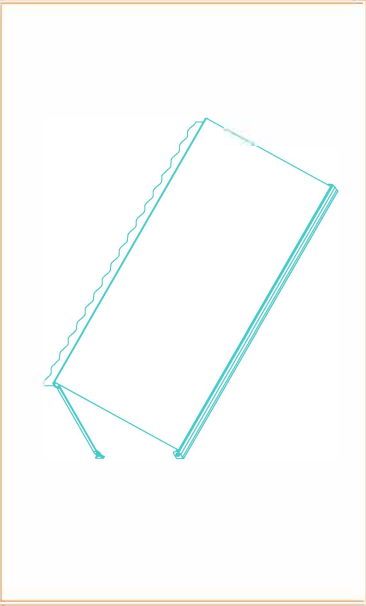
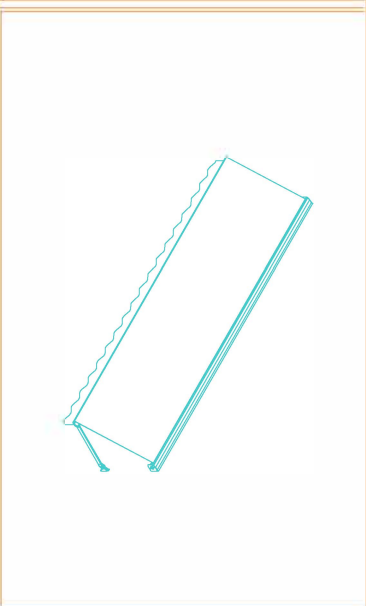
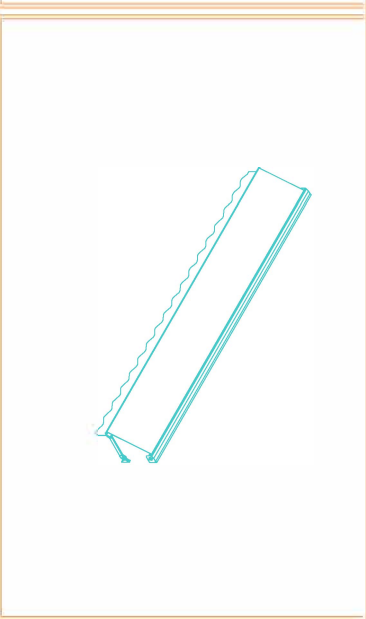

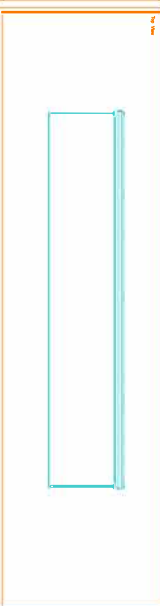
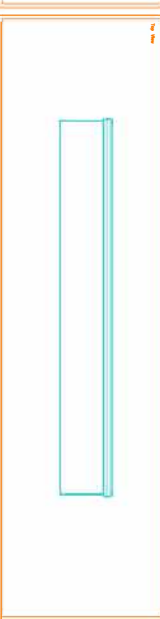
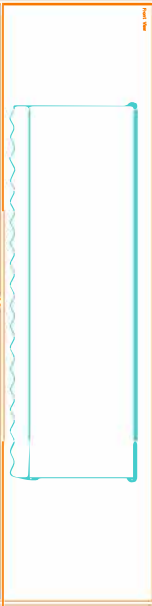
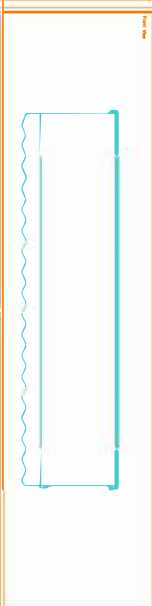
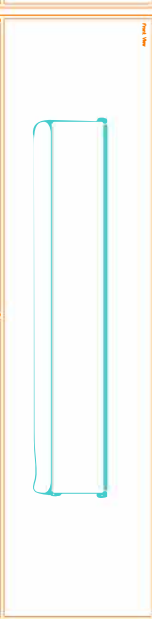
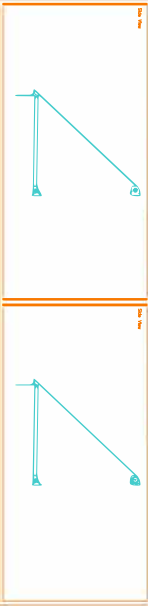
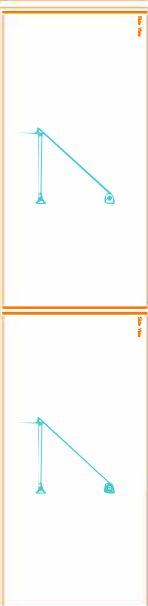
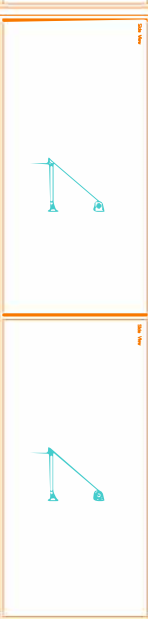

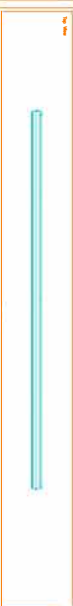

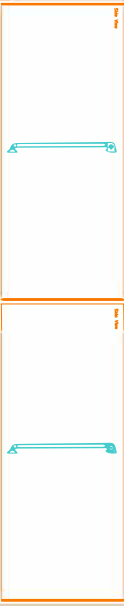
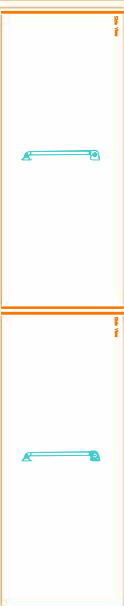




Standard Colours

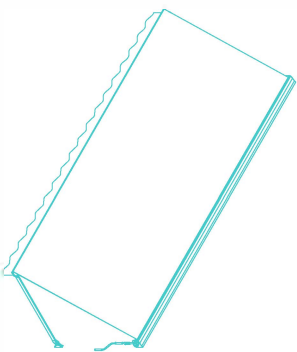
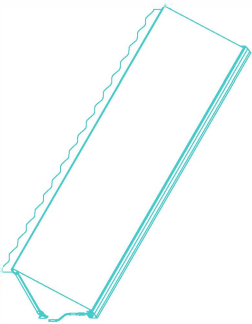
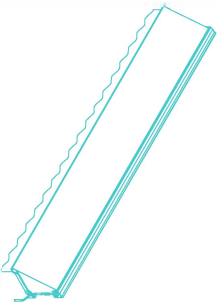



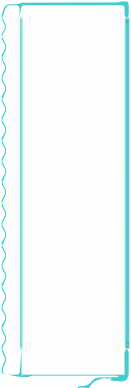


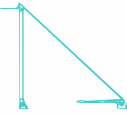
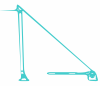

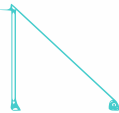
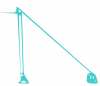



















The following parts are available in our Standard Perla powder coating: cassette profile, front tube, arms, end caps, crank handle.

Special Colours

On request, special colours are available on a limited selection of parts including front tube, cassette profile and brackets. Radial arms are only available in Perla.

Sec. : Awnings
Date : Oct 24

ITALIA BOX Motorised		ITALIA BOX Motorised		ITALIA BOX Motorised	
1400 Projection		1000 Projection		700 Projection	
					
					
					
					
RETRACTED POSITION 1400		RETRACTED POSITION 1000		RETRACTED POSITION 700	
					
					
BRACKETS		BRACKETS		BRACKETS	
					

ITALIA BOX Manual Crank		ITALIA BOX Manual Crank		ITALIA BOX Manual Crank	
1400 Projection		1000 Projection		700 Projection	
					
					
					
					
					
RETRACTED POSITION 1400		RETRACTED POSITION 1000		RETRACTED POSITION 700	
					
					
					
BRACKETS		BRACKETS		BRACKETS	
  		  		  	

Motorisation - Italia Box Radial Arm Awning

Motorisation



Window Treatments' motorised awnings are surprisingly simple and inexpensive. All awning systems can be automated using Somfy's range of motors. These robust motors set the standard for awning automation. Somfy's wide range of weather sensor options include sun, wind and rain control.

An automated awning is capable of extending or retracting automatically when it is needed. The benefits of this include protecting your awning from wind damage, making the building appear occupied, and maintaining a comfortable indoor temperature which can reduce cooling costs. A variety of control options are available to suit different automation requirements such as individual control, multiple control, group control, master control or automatic control using weather sensors.

Window Treatments NZ Ltd is an Authorised Somfy Automation Expert. For further information on how a Somfy Automated solution can enhance your design, please contact motorisation@window-treatments.co.nz

Italia Box Motorisation (optional)

Italia Box uses six different types of motors for automation depending on the size of the awning installation. Refer to Motor selection chart.

Motor Selection		Width <2.5m	Width >2.5m	4 Arms
Italia Box	RTS	Altus 10/17	Altus 25/17	Altus 40/17
	WT	Jet 10/17	Gemini 25/17	Mariner 40/17

KEY:
 WT = Mechanical switch hardwired to the motor.
 RTS = Remote control (handheld or wallmounted)
 Maximum Width: 4.5m
 Maximum Projection: 1.4m

Performances	Altus 10/17	Jet 10/17	Altus 25/17	Gemini 25/17	Altus 40/17	Mariner 40/17
Torque	10 Nm	10 Nm	25 Nm	25 Nm	40 Nm	40 Nm
Nominal Voltage	230v	230v	230v	230v	230v	230v
Rated Current	0.5 A	0.5 A	0.8 A	0.8 A	1.2 A	1.2 A
Rated Power	120W	120W	170W	170W	270W	270W
Speed	17 RPM	17 RPM	17 RPM	17 RPM	17 RPM	17 RPM
Thermal Protection	4 Min	4 Min	4 Min	4 Min	4 Min	4 Min
Radio Frequency	433.42	433.42	433.42	433.42	433.42	433.42
Sound Level (DB)	47	47	56	56	57	57
Cable Length	3000mm	2500mm	3000mm	2500mm	3000mm	2500mm
IP Rating	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44
Insulation Class	I	I	I	I	I	I

Somfy Sensors

Weather Sensors can be used for automatic control. These include rain, wind and sun sensors. Rain and wind sensors will retract your awning when it is raining, or if wind speeds exceed 35 km/h. The sun sensor works on light level and can be programmed to a specific light level.

Sunis Wirefree RTS Sun Sensor



Wind Sensor



Ondeis Rain Sensor



Remote Control



Hard Wire Switch



Motion Sensor



Sec. : Awnings
 Date : Jun 2021



SPECIFICATIONS