



**JOHNSON  
& COUZINS**

THE NAME IN SHADE SINCE 1866

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60 Treffers Rd, Christchurch

Retractable awnings for sun and rain protection



## Plaza Awnings

Free standing retractable sun and rain protection.

Designed for Restaurants and outside entertainment areas in any commercial or residential setting.

The Plaza can be installed between walls although normally it is located on metal posts concreted into the ground to provide a strong and stable structure.

Sizes:

Maximum:

Width 4.5m

Extension 5.0m

Minimum:

Width 3m

Extension 3m

Contact us to find out more.

[www.johnsonandcouzins.co.nz](http://www.johnsonandcouzins.co.nz)

## **Components:**

The components are all manufactured to Franciaflex's high specifications, mounted on a 40mm duragalve powder coated back bar, we have found this construction method to be superior to others. The awning has a 78mm galvanised steel roller, 1mm thick, which fits into specially made brackets that are welded to the duragalve posts. One end of the tube is equipped with the operating system and the other mounted with the round shaft and self lubricating plastic bearing.

The folding arms are made of extruded aluminium profiles connected by a central cast aluminium hinge. One or two tension springs (depending on model requested) are integrated into the back arm to ensure the automatic extension of the arm and the perfect tension of the fabric in all positions.

Different arm dimensions are available according to the area of shade coverage required (the distance between the front bars of the awning with the awning in the horizontal position is between 3m to 5m). The slope of the arms can be adjusted between 45 and 90 degrees, 90 degrees being the horizontal position.

## **Operation:**

The operation can be by means of gearbox and winding handle or a fully automated tubular motor. The motor is usually controlled by two non-latching PDL bell switches (PDL1101), these fit into a standard PDL flush mounted switch, which the electrician provides. Remote controlled motors are an alternative option but are slightly more expensive. Wind sensors allow the awning to put itself away safely when the wind picks up. They are recommended in windy locations, and/or in situations when the awning will be left out for periods when no one is home.

## **Fabric:**

Awnings covered in premium imported acrylic canvas (any colour of your choice), which is water resistant, or Soltis 86 (any colour of your choice), a mesh fabric that absorbs up to 86% of the sun's rays. Both fabrics carry 5 year U.V. guarantee's.

## **Fixing:**

In most locations we will concrete duragalve posts into the ground at the desired width then the hardware is mounted between them. Alternatively we can fix the awning between two buildings providing they provide enough strength. If conditions are different from the above our engineer can manufacture special brackets for maximum strength.