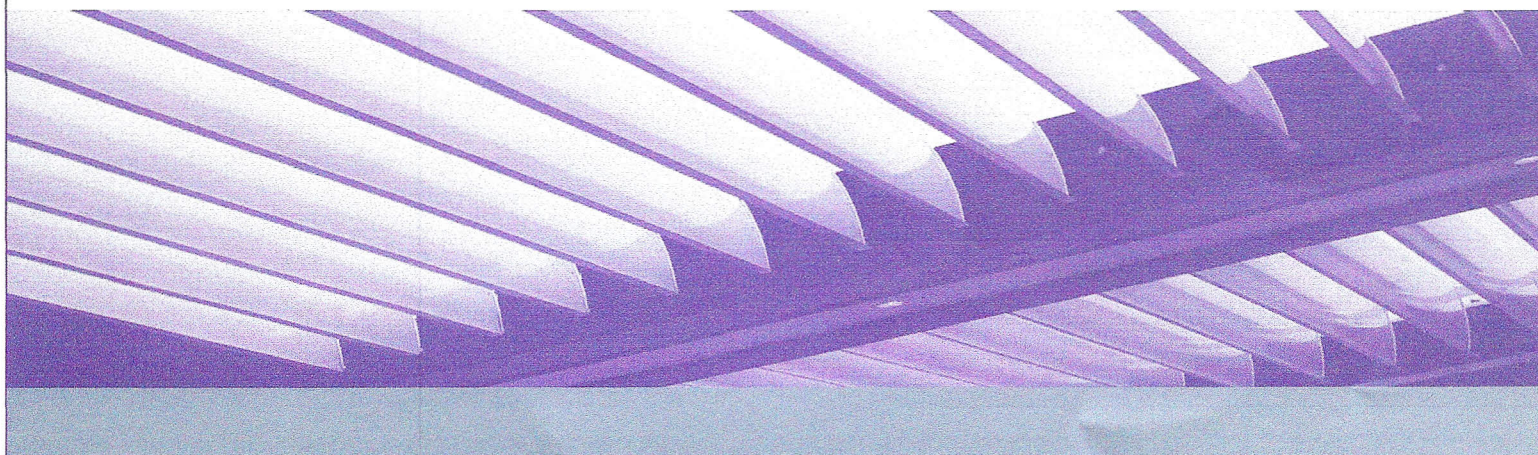




***Vergola***

## *operating manual*



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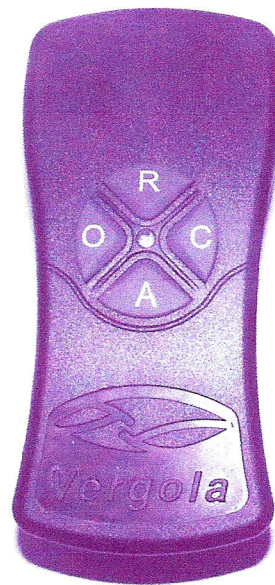
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## *general*

The control system has been installed and tested by qualified Vergola installers.

The system operates from a standard 10 amp 240 Volt power outlet which converts via a transformer to 12 Volt DC.

All Vergola motors are 12 Volt DC which operate in an external environment and pose no danger to the user.



O = Open  
C = Close  
R = Rain  
A = Auto/Step

## *remote control system*

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You have been issued with a wall mounted remote control (Figure 1) or key ring remote control (Figure 2.) The four buttons on the controls correspond to the following:

### **Open**

Press to open and release when in the desired position.

### **Close**

Press to close the roof and release when closed or in the desired position.

### **Rain**

Press to turn off the automatic rain function (the roof will close when rain is detected.) You may only remove this function for 60 minutes, after which the system will automatically turn itself back on to the rain function.

It will only be necessary to remove the rain function when cleaning the rain sensor / Vergola or when rain is required to enter the covered area to water plants etc.

### **Step / Auto**

This button is only used for multi-bank Vergolas. Press the open button and set your first Vergola bank to the desired position. Hold down the Step / Auto button for 3 seconds and release. All remaining Vergola banks will set to the same position as the first bank. On completion of this function control returns to the first bank.

Press the Step button once and it will move to the next bank, allowing you to operate that bank individually. Press Step again and it will move to the next consecutive bank, etc.

The system will always close automatically when rain is detected and re-open, after 60 minutes, to 30 degrees when dry.

(Re-opening can be disabled for regions which have a need for full closure during winter months.)



## *optional extras*

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### Battery Backup

In case of a power failure a battery backup system is available and is connected via a 12 Volt 6.5 amp Gel Cell battery. The battery is kept charged by the system, however all batteries have a life span and we recommend the battery should be replaced every 4 to 5 years.

An in-line 7.5 amp or 10 amp fuse (depending on the model) protects the controller from any battery failure and should be checked if the system fails to operate when the mains power is switched off.

### Fire Alarms

All controllers carry the ability to be connected to a fire alarm system. (The fire alarm must be connected to a 240V system.) When the alarm is activated the Vergola will open to 90 degrees and lock.

If activation is a false alarm or test the Rain button may be depressed for 10 seconds, which will return the Vergola system to normal, unless the alarms are still enabled.

### Cyclone Release

Controllers may be coupled to a wind detector which will open the Vergola to 90 degrees and lock out in that position once a wind speed has been recorded above the norm for that region.

Alternatively a manual switch may be installed and when cyclone warnings are received the user may close the switch causing the Vergola to open to 90 degrees and lock out. The Vergola may be returned to normal operation by holding down the rain button for 10 seconds once the cyclone has abated.

## *troubleshooting*

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- |                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. There is no power to my Vergola.</p> <ul style="list-style-type: none"> <li>- Check power is turned on and plug has not been pulled out.</li> <li>- Check in-line fuse has not blown between transformer and control box.</li> <li>- Check that cut-off switch is not off (if installed.)</li> </ul> | <p>3. Vergola does not open or close.</p> <ul style="list-style-type: none"> <li>- Replace battery in remote controller.</li> <li>- Ensure power is switched on to transformer.</li> <li>- Consult Vergola agent.</li> </ul>                                                                                                                                                                                                                       | <p>5. When operating continually on auto banks get out of sequence.</p> <ul style="list-style-type: none"> <li>- Fully close all banks by stepping from one bank to the other and resume auto mode. Banks will resynchronise.</li> </ul> |
| <p>2. My Vergola opens and closes constantly for no reason (ie. no rain has been detected.)</p> <ul style="list-style-type: none"> <li>- Clean the rain sensor with warm soapy water and ensure the fingers are not touching.</li> </ul>                                                                   | <p>4. Mains power has been interrupted after my Vergola has closed on rain (ie. during a storm and remains closed.)</p> <ul style="list-style-type: none"> <li>- This is a normal function to protect the Vergola control system and prevent it from re-opening while raining. When the rain is over and the sensor dries the Vergola will automatically re-open to 30 degrees (providing it has not been closed manually by the user.)</li> </ul> | <p>All other faults please contact your nearest Vergola distributor.</p>                                                                                                                                                                 |

## *maintenance*

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1. Under no circumstances should anyone attempt to walk on, or stand on the moveable louvre blades.

Should it be necessary to work above the roof, a 50mm thick builders plank must be placed across the framework.

It should then be tested to ensure that it will not touch any blades when walked on.

On long spans the plank can be supported in the centre by setting the blades in the open position and propping the plank from below.

In most cases, such as cleaning the blades, retrieving children's balls, removing small tree branches etc., the answer is to simply open the Vergola.

2. The louvres may be set to any setting up to 170 degrees (150 degrees for Panasonic

models - check with your local distributor.)

As a guide, watch the shadows on the ground and press the open button until these are at a minimum (for maximum sun,) or adjust until the sun on the ground just disappears, for shade with maximum ventilation.

3. Whilst the moving parts require no maintenance, it is advisable to keep the top of the Vergola and gutters clear of leaves and twigs. If the unit has been closed for a long period, clear the gutters by hand from underneath and then open the louvre blades to tip out leaves etc. Bring the blades to their maximum open position and hose out the gutters from underneath. An alternative is to hose the leaves into the gutter from above and clear by hand from below.

4. All units are fitted with rain sensing and must have the sensor cleaned at least every six months. Clean with a small amount of soap and water. Debris, leaves and pests must be kept away from the sensor panel.

Prior to cleaning press the rain button once to deactivate. Failure to do so may cause injury. (Caution: the unit will automatically return to rain function after 1 hour, and automatically close.)

5. If the unit is fitted with a battery backup system the batteries should be checked every 12 months by disconnecting the 240 V power plug to the transformer and testing the system as follows:

- a) Open bank 1 and press Auto, all units should move to the position of bank 1.
- b) Touch the rain button and touch rain sensor. All units should close, wait 10 - 15 minutes and all units will re-open to 30 degrees.
- c) Reconnect 240 V power
- d) Test completed

Should you require a new battery, the battery is a 6.5 amp 12 V Gel Cell and is obtainable from your Vergola agent or most larger battery outlets.

If you live within 1km of salt marine or severe industrial locations, BHP Ltd, the manufacturer of Colorbond, recommend you wash down the louvres and gutters with water and mild detergent to remove any buildup of corrosive deposits no less than every 12 weeks.

Under no circumstances spray pesticides onto the Colorbond material. This action will severely damage the Colorbond and void your warranty.

Should you have any problems please do not hesitate to contact Vergola.



***Vergola***

Your local Vergola distributor: