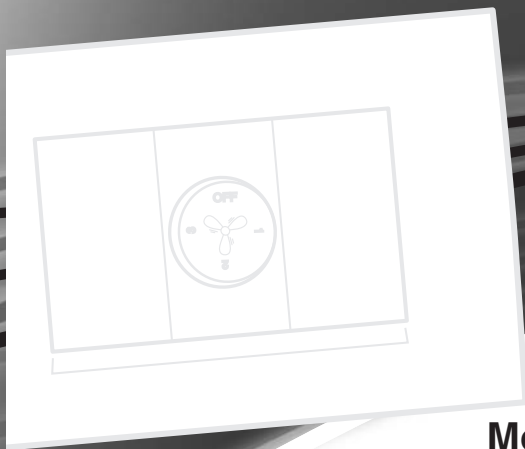


**CLIPSAL**<sup>®</sup>

by **Schneider Electric**



# Modena/Strato Three Speed Capacitive Fan Controller

**8000**  
Series



Installation Instructions

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## 1.0 Product Range

M8081VF3CSF Fan Speed Controller, 220-240V a.c., 50Hz, 75VA (Modena Series)

S8081VF3CSF Fan Speed Controller, 220-240V a.c., 50Hz, 75VA (Strato Series)

*\*Please note that these products are also available in other configurations and in a wide range of colours. For further information, please contact your nearest Clipsal Sales Representative.*

## 2.0 Description

The Clipsal 8000 Series Three Speed Fan Controller is designed to provide discreet, linear speed control over small motor loads, including Clipsal's extensive range of Airflow Ceiling Sweep Fans.

The fan controller unit incorporates a three position rotary switch mechanism and a multi-tap capacitor block. This method of control overcomes the motor 'growl' (or buzzing noises) often emitted from fans controlled by other electronic (phase control) speed setters and ensures quiet operation of the fan motor.

The 8000 Series Fan Controller is suitable for use in any new installation, but can also be retrofitted and may be used to replace an existing controller standard switch in any existing installation. This includes many older style 'choke controllers'.

## 3.0 Features

- Three Speed Rotary Fan Controller
- Multi-tap capacitive attenuation block
- Three linear speed settings (lo, med, hi)
- 75VA rating
- Horizontal or vertical mounting options
- Suitable for use with ceiling sweep fans (split-phase induction motors)
- Suitable for use with exhaust fans (shaded pole induction motors)
- Complies with Australian and International EMC Standards.

SWITCH POSITION	1	2	3
SPEED SETTING	Lo	Med	Hi

## 4.0 Load Compatibility

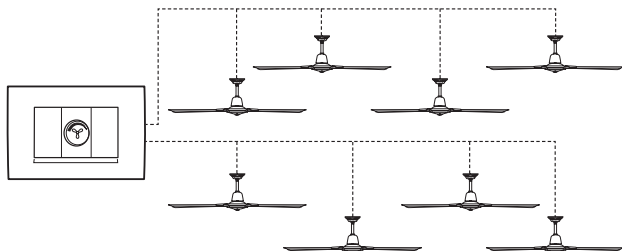
### 4.1 Controlling a Single Fan

The 8000 Series Three Speed Fan Controller may be used to operate a single Airflow Ceiling Sweep Fan.



### 4.2 Multiple Fans on a Single Controller

Where multiple fans are required to be operated from a single speed controller, a Clipsal C-Thru® Universal Dimmer (sold separately) must be used.



You can control up to eight Airflow Ceiling Sweep Fans using a Clipsal C-Thru® Universal Dimmer.

**Note:**

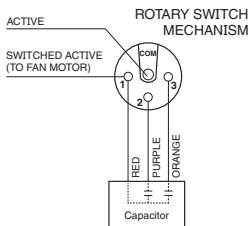
The Three Speed Fan Controller supplied with each fan is not suitable for controlling multiple fans. Failure to comply with this instruction will void any warranty associated with the product.

## 5.0 Important Warning

It is illegal for persons other than an appropriately licensed electrical contractor or other persons authorised by legislation to work on the fixed wiring of any electrical installation. Penalties for conviction are severe.

## 6.0 Installation Instructions

### 6.1 Connecting the Speed Controller



#### Fan Only

1. Remove the switch surround.
2. Terminate cables as shown; connect:
  - active feed to common terminal
  - switched Active/Fan to terminal 1.
3. Fix capacitor block to grid plate.
4. Fix controller to wallbox or bracket.
5. Replace switch surround.
6. Apply power to circuit.
7. Test fan operation.

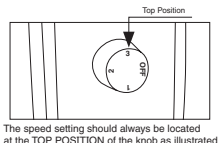
#### Mounting Orientation

The arrangement of the controller as shipped suits vertical installation. To mount the controller in a horizontal position:

1. lever the knob from the shaft
2. prise mech out of aperture and rotate 90°
3. clip mechanism into new position and replace knob.

#### Unit Operation

Turn the knob to speed 3 (high). This will start the fan spinning. Once the fan is spinning then you can select a lower speed if desired.



The speed setting should always be located at the TOP POSITION of the knob as illustrated.

## 7.0 Compatible Airflow Ceiling Sweep Fans

All Airflow Ceiling Sweep Fans are compatible with the 8000 Series Three Speed Fan Controller, including:

- 3HS Series** 3 Blade Ceiling Sweep Fan - Hang Sure
- 4HS Series** 4 Blade Ceiling Sweep Fan - Hang Sure
- 3JH series** 3 Blade Ceiling Sweep Fan - J Hook
- 4JH series** 4 Blade Ceiling Sweep Fan - J Hook


## 8.0 Fan Installation Checklist

The below guidelines should be followed to ensure quiet operation:

1. Ensure all bolts and screws are properly tightened when assembling fan.
2. Check fit of support hook to rubber support insulator. If loose, fit rubber sheathing provided to ensure neat fit.
3. Place supplied rubber washers between support insulator and support insulator brackets for tight fit.
4. Prevent loose split pins from rattling by covering with small piece of insulation tape or other suitable method.
5. Ensure top and bottom cowls are securely fixed and slightly clear of ceiling and fan motor.

*\* A few minutes spent checking the above will in most cases ensure silent operation of the fan.*

## 9.0 Electrical Specifications

Parameter	Value	
Nominal Operating Voltage	220 - 240V a.c.	
Nominal Operating Frequency	50 Hz	
Maximum Load	75VA (Limit ONE Ceiling Sweep Fan only per Controller)	
Speed Control Technique	Capacitive Attenuation	
Compatible Loads		Ceiling fans (split-phase induction motors) Exhaust fans (shaded pole induction motors)
Operating Temperature Range	0 to 40°C	
Operating Humidity Range	10 to 90% R.H.	
Mounting Centres	84mm	Australian Pattern Plate
EMC Emission Compliance	AS/NZS CISPR 15	
Specifications Typical @ 25°C ± 5°C		
No User Serviceable Parts Inside		

## 10.0 Warranty

1. The benefits conferred herein are in addition to, and in no way shall be deemed to derogate, either expressly or by implication, any or all other rights and remedies in respect to Clipsal by Schneider Electric, which the consumer has under the Commonwealth Trade Practices Act or any other similar State or Territory Laws.
2. The warrantor is Schneider Electric (Australia) Pty Ltd with offices world wide.
3. This Clipsal by Schneider Electric product is guaranteed against faulty workmanship and materials for a period of two (2) years from the date of installation.
4. Schneider Electric (Australia) Pty Ltd reserves the right, at its discretion, to either repair free of parts and labour charges, replace or offer refund in respect to any article found to be faulty due to materials, parts or workmanship.
5. This warranty is expressly subject to the Clipsal by Schneider Electric product being installed, wired, tested, operated and used in accordance with the manufacturer's instructions.
6. All costs of a claim shall be met by Schneider Electric (Australia) Pty Ltd, however should the product that is the subject of the claim be found to be in good working order, all such costs shall be met by the claimant.
7. When making a claim, the consumer shall forward the Clipsal by Schneider Electric product to the nearest office of Clipsal by Schneider Electric with adequate particulars of the defect within twenty eight (28) days of the fault occurring. The product should be returned securely packed, complete with details of the date and place of purchase, description of load, and circumstances of malfunction.

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**Schneider Electric (Australia) Pty Limited**

**clipsal.com**

Contact us: [clipsal.com/feedback](http://clipsal.com/feedback)

**National Customer Care Enquiries:**

**Tel 1300 2025 25**

**Fax 1300 2025 56**

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