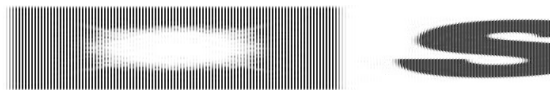




SPACE-RAY SR Ceiling Fan Controller Instructions

[Home](#) » [SPACE-RAY](#) » SPACE-RAY SR Ceiling Fan Controller Instructions 



Contents

- [1 SPACE-RAY SR Ceiling Fan Controller Instructions](#)
- [2 Installation and Maintenance Instructions.](#)
- [3 Description](#)
- [4 Installation](#)
- [5 Wiring](#)
- [6 Minimum Speed Control Setting](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)

SPACE-RAY SR Ceiling Fan Controller Instructions



Installation and Maintenance Instructions.

These instructions **MUST** be read carefully before commencing installation.

Owner/Installer: The life of this apparatus and its efficiency will be increased if its use and maintenance is carried out in accordance with these instructions and current statutory requirements. The installation and initial adjustments should be consulted before substituting or fitting parts from another manufacturer. It is the responsibility of the installer to verify that the installation is in accordance with the following standards and the owner is given the current users manual.

Any modifications to the controller or its installation, even the smallest modification, change or elimination of security components or pieces that influence the efficiency or loss of ventilation, will result in the CE Certification and warranty becoming void.

Description

Reversible electronic speed controller suitable for use with up to 5 No SR ceiling fans.

Power Supply	Max Peak Current	Dimensions H x W x Depth mm	IP Rating
230V/1Ph/50Hz	1.7A	108 x 108 x 60	IP51

Installation

1. All electrical installations must be carried out by suitably qualified and competent personnel in accordance with all current statutory requirements.
2. Check the details on the motor rating plate to ensure that the correct power supply (voltage, frequency and phase) is available. An incorrect power supply will lead to permanent damage to the unit.
3. Check that the number, size and speed of the fan(s) can be safely controlled by the unit supplied.
4. Connections are provided for one fan outlet. If more than one fan is to be controlled then a correctly wired external junction box should be used.
5. The controller is only suitable for surface mounting and must not be recess mounted. Install in a dry sheltered position. Do not install in close proximity to a heat source or in areas of high humidity. The maximum ambient temperature for the controller must not exceed 40OC (104OF).

WARNING: The controller must be isolated from the power supply during installation and maintenance.

6. Remove the front cover of the controller by unscrewing the cover fixing screws. This provides access to mounting holes and electrical terminals.
7. The controller must be connected to a suitably rated fused spur.

Wiring

Select the correct wiring diagram for the fan and controller supplied (see ceiling fan manual). All wiring and control equipment must comply with the latest IEE regulations, in particular 552-01-02/03.

Minimum Speed Control Setting

On certain fan types the factory set minimum speed might require adjustment. To adjust the minimum speed rotate the control knob on the front fully anti-clockwise. This is the current minimum speed position. Turn the minimum speed potentiometer inside the unit anti-clockwise to increase the minimum speed setting and turn clockwise to decrease the minimum speed setting. The fan will not fall below this pre-set speed during operation regardless of the front panel control knob setting. The minimum setting should not be less than 120V to ensure the motor starts.

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References

- [Space-Ray Heating Solutions - Space-Ray](#)
- [User Manual](#)

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