

Suncourt VS200

Suncourt Variable Speed Fan Controller SCP User Manual

1. INTRODUCTION

The Suncourt Variable Speed Fan Controller SCP is a plug-in solid-state device designed to regulate the speed of Suncourt corded in-line duct fans. This controller allows users to adjust the fan's output, providing flexibility in ventilation and airflow management.

2. SAFETY INFORMATION

- Read all instructions before use.
- Ensure the power supply matches the controller's specifications (120-Volt, 2.5 Amp, 50/60 Hz).
- Do not exceed the maximum output of 2.5 FLA or 300-Watt.
- Use only with compatible Suncourt corded in-line duct fans.
- Avoid operating in environments exceeding 140°F (60°C).
- Do not immerse the controller in water or expose it to excessive moisture.
- Unplug the controller from the power source before cleaning or performing any maintenance.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

The Suncourt Variable Speed Fan Controller features a simple design for ease of use. It includes a rotary dial for speed adjustment and an integrated outlet for connecting your fan.



Figure 1: Suncourt Variable Speed Fan Controller. This image displays the Suncourt Variable Speed Fan Controller. It features a prominent rotary dial for speed adjustment, labeled 'OFF' and with an arrow pointing towards 'LOW'. Below the dial, the text 'DIAL-A-TEMP' is visible. At the bottom, a standard electrical outlet is integrated for connecting a fan.

- **Rotary Dial:** Used to turn the fan on/off and adjust its speed from low to high.
- **Power Outlet:** Where the corded in-line duct fan is plugged in.

4. SETUP

1. Ensure the Suncourt Variable Speed Fan Controller is in the "OFF" position by rotating the dial counter-clockwise until it clicks.
2. Plug your Suncourt corded in-line duct fan into the power outlet located at the bottom of the controller.
3. Plug the Suncourt Variable Speed Fan Controller into a standard 120-Volt electrical wall outlet.

5. OPERATING INSTRUCTIONS

To operate the fan controller:

1. With the fan plugged into the controller and the controller plugged into a wall outlet, rotate the dial clockwise from the "OFF" position.
2. Continue rotating the dial clockwise to increase the fan speed. The fan speed will increase as you turn the dial towards the "HIGH" setting (implied by "LOW" marking).
3. Rotate the dial counter-clockwise to decrease the fan speed.
4. To turn the fan off, rotate the dial fully counter-clockwise until it clicks into the "OFF" position.

Note: Some fans may produce a buzzing sound at lower speeds. This is a characteristic of some motor types when used with solid-state speed controllers and does not necessarily indicate a malfunction of the controller.

6. MAINTENANCE

- Ensure the controller is unplugged from the wall outlet before cleaning.
- Wipe the exterior of the controller with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Do not allow liquids to enter the controller's housing or outlet.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not turn on.	Controller is in "OFF" position. Controller not plugged in. Fan not plugged into controller. Power outage.	Rotate dial clockwise. Plug controller into a live outlet. Ensure fan is securely plugged into controller. Check household circuit breaker.
Fan speed does not change.	Dial not rotated sufficiently. Incompatible fan.	Rotate dial further. Ensure fan is a compatible Suncourt corded in-line duct fan.
Fan motor buzzes at low speeds.	Normal characteristic with some fan motors and solid-state controllers.	This is often normal. If buzzing is excessive or accompanied by overheating, discontinue use and consult Suncourt support.

8. SPECIFICATIONS

- **Max Input:** 120-Volt, 2.5 Amp, 50/60 Hz
- **Max Output:** 120-Volt, 2.5 FLA, 300-Watt
- **Type:** Solid State
- **Max Ambient Temperature:** 140°F (60°C)
- **Product Dimensions:** 3 x 4 x 5 inches
- **Item Weight:** 4.8 ounces
- **Model Number:** VS200
- **ASIN:** B006L87LKW

9. WARRANTY AND SUPPORT

For warranty information or technical assistance, please contact Suncourt customer support. Refer to the

official Suncourt website or product packaging for contact details.

Manufacturer: Suncourt