



## Installation Guide

**ZOO Fans VS-5A Controller**  
**ZOO Fans VS-10A Controller**





## IMPORTANT SAFETY INFORMATION READ AND SAVE THESE INSTRUCTIONS

**WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS:** Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards.

**CAUTION:** The installation of a ZOO Fan must be in accordance with the requirements specified in this installation manual and with any additional requirements set forth by the national electric code (NEC), ANSI/NFPA 70-1999, and all local codes. If you are unfamiliar with wiring, use a qualified electrician.

**WARNING:** To prevent electrical shock and/or injury disconnect fan from power source before you move or service the fan.

Suitable for use with solid-state speed controls.

**WARNING:** To reduce the risk of fire, electric shock, and injury to persons, ZOO Fans must be installed only with controllers supplied by ZOO Fans. Other parts cannot be substituted.

**CAUTION:** When service or replacement of a component in the fan requires the removal or disconnection of a safety device, the safety device is to be reinstalled or remounted as previously installed.

**WARNING:** Risk of fire, electric shock, or injury to persons during cleaning and user maintenance. Disconnect the fan from the power supply before servicing.

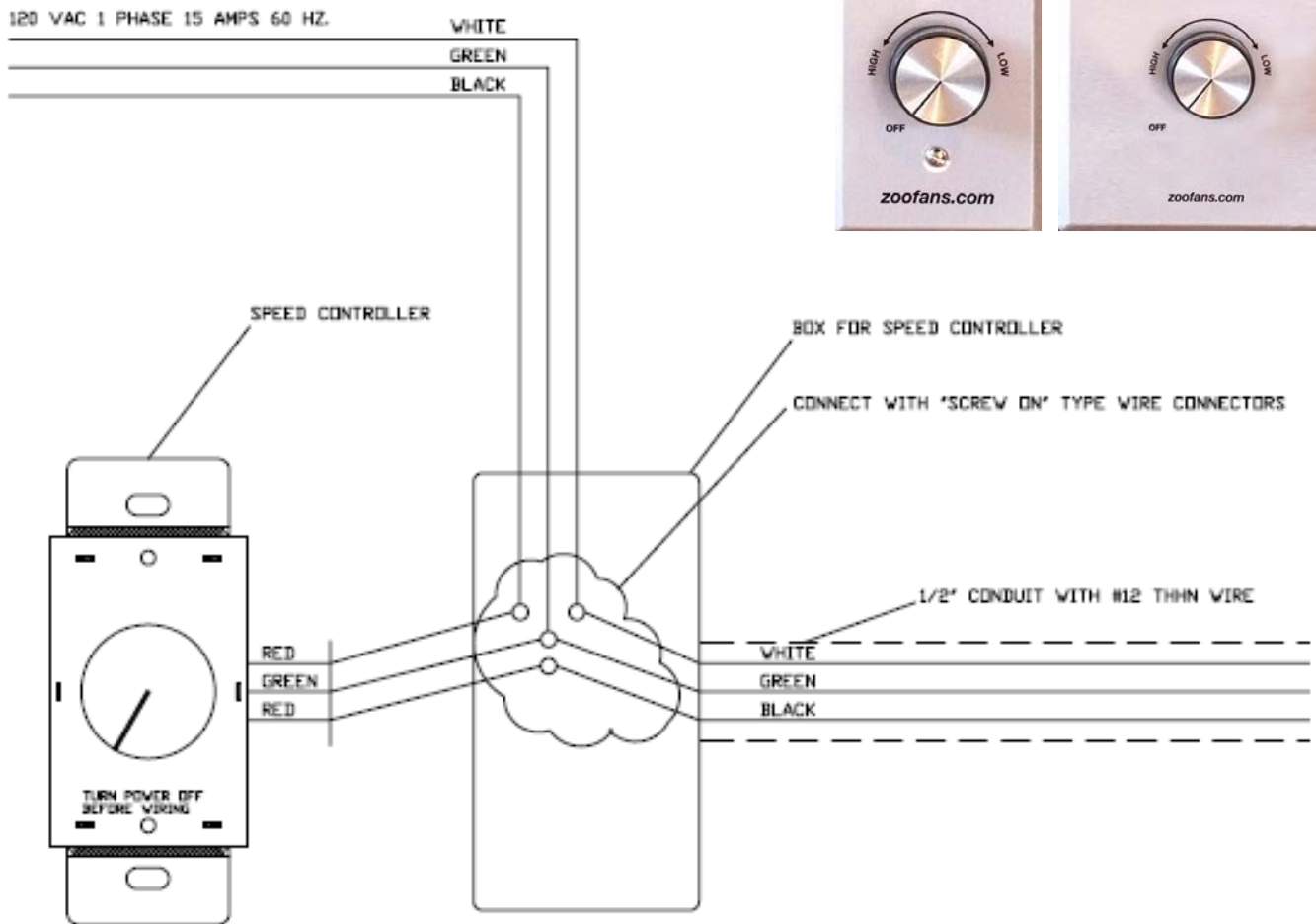
**WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

- a) Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- b) Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

# ZOO FANS CONTROLLER SPECIFICATIONS

Model	Width/Length	Amps	Power Input/Output	Control Input	Description
VS-5A	2" X 4"	5	115V/115V	N/A	Variable Speed 5A Controller Operates up to 9 H30 fans or 4 H60 fans Operates up to 8 IC15-MF or IC15-MF Silent fans Operates up to 4 IC30-MF or IC30-MF Silent fans
VS-10A	2" x 4"	10	115V/115V	N/A	Variable Speed 10A Controller Operates up to 18 H30 fans or 9 H60 fans Operates up to 16 IC15-MF or IC15-MF Silent fans Operates up to 9 IC30-MF or IC30-MF Silent fans

## WIRING THE CONTROLLER



## **WIRING THE CONTROLLER (cont.)**

- Mount in standard 2X4 electrical job box.
- Proper grounding of the controller is required for safety and proper operation.
- Electrical connection should be made according to the wiring diagram (see **Illustration 1.0**, above).
- For supply connections use No. 12 AWG or greater wire.
- Mount the controller so that the fan it controls is visible from the controller.
- To control multiple fans with one controller, please contact ZOO Fans.

**CAUTION:** An incorrectly installed controller can result in component damage or reduction of the fan's life. Wiring or application errors such as under-sizing the controller, incorrect or inadequate AC supply, or excessive ambient temperatures may result in a malfunction of the fan system. Verify correct voltage and phase before beginning installation!

**CAUTION:** For use with ZOO Fans. Not for use with other motors or fans!



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