



This publication contains installation, operation and maintenance instructions for the standard *Vari-Flow® Remote Speed Controller*.



Carefully read this publication prior to any installation or maintenance procedure.

Any additional publications can be obtained from Loren Cook Company through any of the following:

- lorencook.com
- info@lorencook.com
- 417-869-6474 ext. 166

For information and instructions on special equipment, contact Loren Cook Company Customer Service Department at 417-869-6474.

Storage

If the controller is stored for any length of time prior to installation, store controller in the original packaging inside from the weather and keep temperature between -22°F to 122°F (-30°C to 50°C).

Installation

The VFRSC can be mounted in a electrical box with the two screws provided. This device requires a 24VAC/DC power supply. VFRSC is UL Listed when mounted in UL Listed enclosure. Minimum transformer output of 1VA.

Location and Maintenance

Consider the following points while choosing a location for the Vari-Flow Remote Speed Controller.

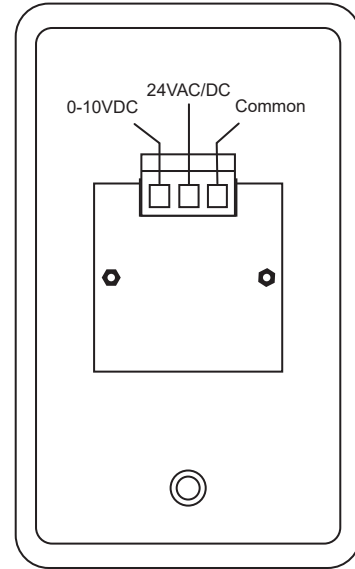
- Less than 100 feet of wiring to motor or to VFABK.
- Install the controller indoors.
- Do not place the controller on the floor.
- Maintain a temperature between 30°F to 110°F (-1°C to 43°C). A temperature beyond this range may cause condensation and sweating of metal parts.
- Maintain a low humidity, dry, and clean atmosphere. Ensure that the controller is not in the path of blowing dust, rain, or snow.

Operation

This device outputs a 0-10v signal voltage. The dial does not indicate voltage, but a range of available voltage from max to min. Vari-Flow motors operate on a 2-10V signal. Below 2V, the motor stops but is still powered.

Wiring

All wiring should be in accordance with local ordinances and the National Electrical Code, NFPA 70. Ensure the power supply (voltage, frequency, and current carrying capacity of wires) is in accordance with the motor nameplate. When paired with Air Balance Kit (VFABK), see Air Balance Kit supplemental installation instructions for wiring.



Remote Speed Controller

Limited Warranty

Loren Cook Company warrants that your Loren Cook fan was manufactured free of defects in materials and workmanship, to the extent stated herein. For a period of one (1) year after date of shipment, we will replace any parts found to be defective without charge, except for shipping costs which will be paid by you. This warranty is granted only to the original purchaser placing the fan in service. This warranty is void if the fan or any part thereof has been altered or modified from its original design or has been abused, misused, damaged or is in worn condition or if the fan has been used other than for the uses described in the company manual. This warranty does not cover defects resulting from normal wear and tear. To make a warranty claim, notify Loren Cook Company, General Offices, 2015 East Dale Street, Springfield, Missouri 65803-4637, explaining in writing, in detail, your complaint and referring to the specific model and serial numbers of your fan. Upon receipt by Loren Cook Company of your written complaint, you will be notified, within thirty (30) days of our receipt of your complaint, in writing, as to the manner in which your claim will be handled. If you are entitled to warranty relief, a warranty adjustment will be completed within sixty (60) business days of the receipt of your written complaint by Loren Cook Company. This warranty gives only the original purchaser placing the fan in service specifically the right. You may have other legal rights which vary from state to state.



LOREN COOK COMPANY

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