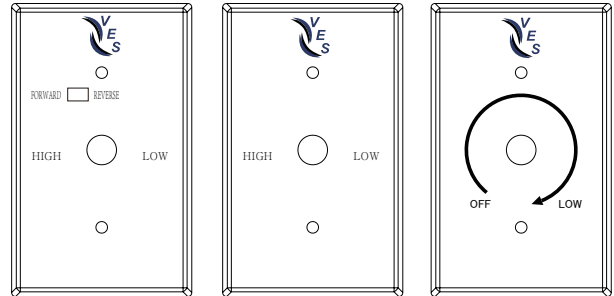


Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

Adjustable Speed Controls

Description

VES solid state Adjustable Speed Controls is engineered and designed specifically for use with VES commercial/industrial ceiling fans. The control provides adjustable speed operation at any point between minimum and maximum fan speeds. Model ICFCFR5 also comes with a forward/reverse slider switch that allows you to run the VES commercial /industrial fans in a forward (downdraft) direction or a reverse (updraft) direction. All models have a hard plastic backing to protect components and circuit board and dial on/off switch.



Specifications

Model	Volts	Max Amps	Max No. Fans Per Control
ICFC2.5	120	2.5	2
ICFC5	120	5.0	3
ICFCFR5	120	5.0	3

General Safety Information

⚠ WARNING Disconnect power supply before wiring connections are made to prevent possible electric shock or damage to equipment.

⚠ WARNING Read and follow instructions carefully failure to comply with instructions could result in fire, electric shock, injury to persons and/or damage to equipment.

1. All wiring should conform to the National Electrical Code in the United States and local regulations.
2. Do not mount in an area which will allow the control to come in contact with moisture.
3. Make certain the entire installation is grounded as a precaution against possible electrical shock.
4. Do not exceed maximum amperage rating of the control as overloading can result in damage to ceiling fan and control.
5. When wiring an electrical appliance or device follow all electrical and safety codes, as well as the most recent United States National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).

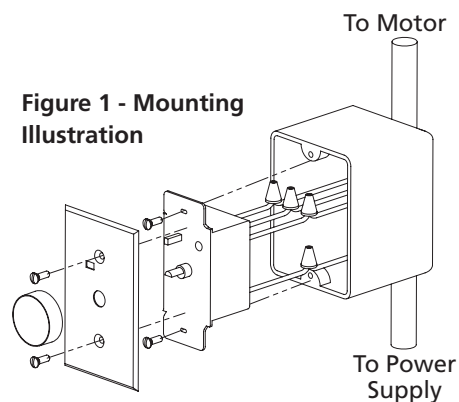
Installation

1. Turn power off at circuit breaker panel or fuse box.
2. Mount control to standard single gang wall box.
3. Run conduit between the wall box, power source and the fan units being controlled. Leave approximately 6" of wire in the box for connections (See Figure 1).
4. Make wiring connections as shown in Figure 2, page 2. Make sure that the wire strands are straight and attach the wire leads of the control to the circuit wires by twisting them together. Twist a wire nut onto each connection.

NOTE: When any solid state speed control is used, a humming noise will be present in the fan on low speed. This hum in no way affects the operation of the fan and is acceptable in most commercial/industrial installations. See ceiling fan instruction sheet for methods to reduce noise.

Operation

To turn control "on", turn knob clockwise until a "click" is heard. To reduce fan speed, continue rotating knob clockwise to desired speed setting. Model ICFCFR5, the forward/reverse slider switch (figure 3, #1 page 2) can be set to determine the direction of the fan.



Operating Instructions & Parts Manual

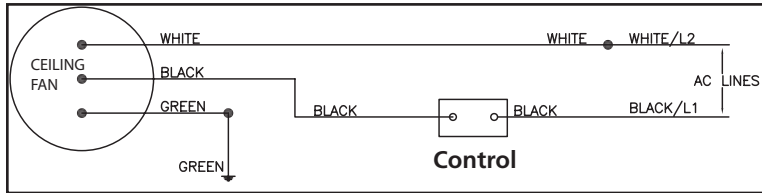
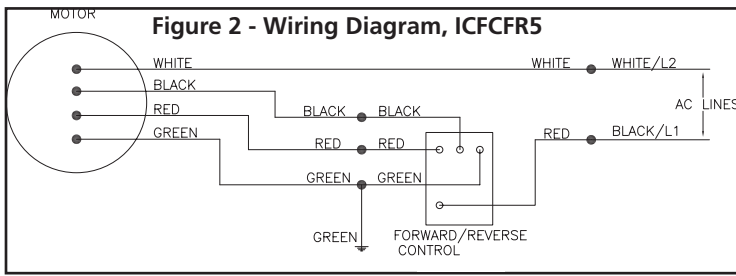


Figure 3 - Low Speed Adjustment

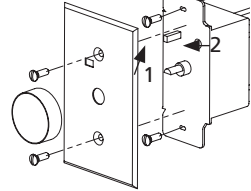
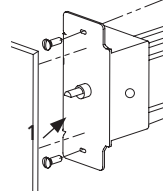


Figure 4 - Low Speed Adjustment



NOTE: Factory preset low speed setting is normally acceptable in most installations. In the event slower speed is desired, read the following additional instructions:

1. To change the minimum speed setting, set the control on low setting and remove the knob and cover plate.
2. Adjust the trim setting through the access opening in the front of the control (Model ICFCFR5 and ICFC5 See Figure 3, #2, Model ICFC2.5 See Figure 4, #1) using a small insulated flat tipped screwdriver. With fans running on low speed setting, trim the adjustment screw slightly counter clockwise to further reduce speed.
3. Allow time for fans to slow (approximately one minute) before proceeding with further adjustment.

NOTE: Please note the minimum speed setting for forward may not be the ideal setting for reverse. You may have to re-adjust the minimum setting when changing between forward and reverse. In industrial/commercial applications there may be power fluctuations that when the minimum setting is too low may cause the fan to stop running. If you find the fans stop running on their own you have set the minimum setting too low and you need to increase it.

4. After final setting, replace cover plate and knob.

CAUTION Do not allow fans to stall when setting the minimum speed adjustment.

LIMITED WARRANTY

VES ONE-YEAR LIMITED WARRANTY.

VES Adjustable Speed Controls, Models covered in this manual, are warranted by VES Environmental Solutions, LLC. (VES) to the original user against defects in workmanship or materials under normal use for one year after date of purchase. Any part which is determined to be defective in material or workmanship and returned to an authorized service location, as VES designates, shipping costs prepaid, will be, as the exclusive remedy, repaired or replaced at VES's option. For limited warranty claim procedures, see PROMPT DISPOSITION below. This limited warranty gives purchasers specific legal rights which vary from jurisdiction to jurisdiction.

LIMITATION OF LIABILITY. To the extent allowable under applicable law, VES's liability for consequential and incidental damages is expressly disclaimed. VES's liability in all events is limited to and shall not exceed the purchase price paid.

WARRANTY DISCLAIMER. VES has made a diligent effort to provide product information and illustrate the products in this literature accurately; however, such information and illustrations are for the sole purpose of identification, and do

not express or imply a warranty that the products are MERCHANTABLE, or FIT FOR A PARTICULAR PURPOSE, or that the products will necessarily conform to the illustrations or descriptions. Except as provided below, no warranty or affirmation of fact, expressed or implied, other than as stated in the "LIMITED WARRANTY" above is made or authorized by VES.

PRODUCT SUITABILITY. Many jurisdictions have codes and regulations governing sales, construction, installation, and/or use of products for certain purposes, which may vary from those in neighboring areas. While VES attempts to assure that its products comply with such codes, it cannot guarantee compliance, and cannot be responsible for how the product is installed or used. Before purchase and use of a product, review the product applications, and all applicable national and local codes and regulations, and be sure that the product, installation, and use will comply with them.

Certain aspects of disclaimers are not applicable to consumer products; e.g., (a) some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you; (b) also, some jurisdictions do not

allow a limitation on how long an implied warranty lasts, consequentially the above limitation may not apply to you; and (c) by law, during the period of this Limited Warranty, any implied warranties of implied merchantability or fitness for a particular purpose applicable to consumer products purchased by consumers, may not be excluded or otherwise disclaimed.

PROMPT DISPOSITION. VES will make a good faith effort for prompt correction or other adjustment with respect to any product which proves to be defective within limited warranty. For any product believed to be defective within limited warranty, first write or call dealer from whom the product was purchased. Dealer will give additional directions. If unable to resolve satisfactorily, write to VES at address below, giving dealer's name, address, date, and number of dealer's invoice, and describing the nature of the defect. Title and risk of loss pass to buyer on delivery to common carrier. If product was damaged in transit to you, file claim with carrier.