1 Application
   a) Motor type - shaded pole, P.S.C, and universal.
   b) Required load - fans, blowers and speed dependent loads.

2 Wiring
   Warning! Power must be turned off before wiring. Connect control in series with motor and line voltage; never connect control across line.
   Connect black lead from control to black lead of incoming 120 VAC power.
   Connect white lead from control to black lead of fan.
   Ground - Be sure fan is electrically grounded.
   (See wiring diagram for details.)

3 Minimum Speed Adjustment (Located on side of black control box)
   REASONABLE AIRFLOW MUST BE MAINTAINED TO PROVIDE SUFFICIENT COOLING OF THE MOTOR. WHEN USING WITH SUNCOURT CENTRAX CENTRIFUGAL FANS, THIS CAN BE ACHIEVED BY ENSURING THAT THE MINIMUM SPEED ADJUSTMENT IS NOT LESS THAN 1200 RPM.

   This control was designed to operate on motors used in diverse applications. A minimum speed adjustment is provided to allow independent control of the minimum speed setting. Minimum speed adjustment ensures motor runs with sufficient torque to prevent stalling.
   a) Motor must be in actual operating position to achieve proper speed adjustment. Motor will not slow down unless proper load is applied.
   b) Turn main control knob to lowest speed position.
   c) Locate and adjust minimum speed setting on the side of control with screw driver (rotate clockwise to increase minimum speed; counter-clockwise to decrease minimum speed).
   Note: On low speed you may experience a slight motor hum. If level is unacceptable, the speed setting may be altered to reduce the hum.
   d) Motor will now operate from this preset minimum speed to full speed.

4 Mounting
   a) Use 2" deep standard approved electrical box. (field supplied)

5 Final Mounting
   a) Install front dial plate (remove protective plastic on face of dial plate).
   b) Turn main control until switch clicks off.
   c) Push on knob so that pointer is in off position.

WARRANTY

Subject to the following limitations, Suncourt Inc. warrants that the Variable Speed Fan Control will, for 1 (one) year from date of original purchase, remain free from appearance of defects in workmanship or materials, when installed in accordance with all applicable codes and standards in the application for its designed and specified use. This warranty is subject to the following limitations: (a) manufacturer’s liability is limited to the replacement or repair of the unit, as decided by the manufacturer; (b) a defective unit must be returned, prepaid, with proof of purchase, to Suncourt; and (c) this warranty does not apply to defects resulting from the alteration, abuse, accidental damage, unauthorized repair, or misuse of the unit. This warranty is given in lieu of all other warranties, guarantees, and conditions on manufacturer’s part, and the manufacturer shall have no tortious or other liability in respect to this Variable Speed Fan Control.