

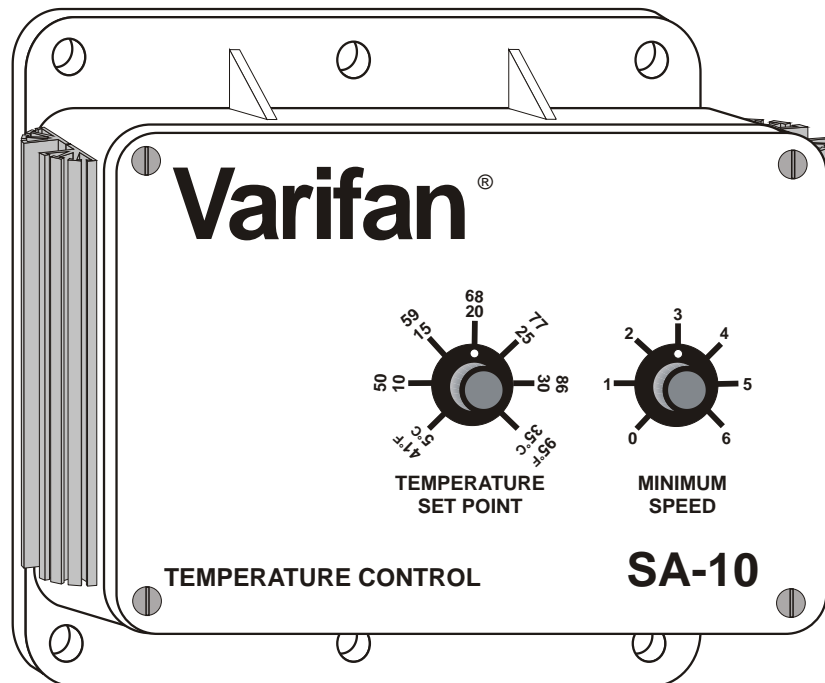
# Varifan<sup>®</sup>

# SA-10

## VARIABLE SPEED CONTROL

### DESCRIPTION:

The SA-10 Variable Speed controller is designed to manually control 1 group of variable speed fans



### FEATURES:

- Lightning protection
- PVC non-corrosive enclosure
- Fused and transient suppression
- Radio wave interference filter
- Generates no radio interference
- 2-year warranty
- External settings
  - Desired temperature
  - Minimum speed
- Internal settings
  - Temperature differential
  - Minimum speed ON/OFF

### OPTIONS:

- SA-10/50 50Hz power source

### SPECIFICATIONS:

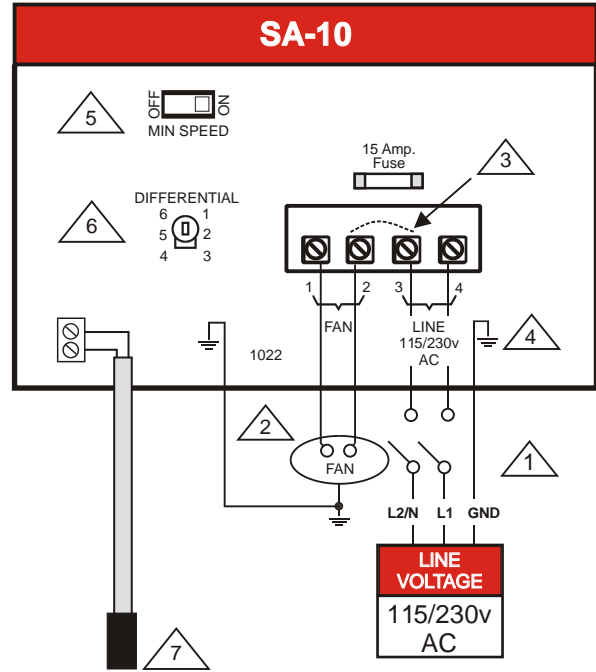
- Input: 115/230v, 60Hz
- Output: 10 Amp inductive
- Temperature: 41 to 96°F/5 to 35°C

## INSTALLATION:

- Must be installed by a certified electrician according to local code
- Unscrew cover from base
- Connect the fan and the main voltage to the 4 screw terminal
- Connect the bare ground wire to the green ground wire in the controller

## NOTES:

1. Power cut and protection device are in case of overload
2. Only use fans that have thermic protection devices
3. Terminals 2 and 3 are connected in the unit's circuit
4. Connect the ground wire to the green wire inside the case
5. DIP Switch "MIN SPEED"
  - ON: When the temperature is below the temperature set point, the fan runs at minimum speed as adjusted by the external potentiometer
  - OFF: Fan shuts off when the temperature is below the temperature set point
6. Potentiometer Differential: To increase differential turn left, to reduce turn right
7. Temperature probes can be extended up to 5000 feet (150 meters) from the unit. For probes longer than 10 feet (3 meters) use shielded cable #18AWG min., With the shield grounded. **IMPORTANT:** The probe should not be routed along high voltage wires (115v).



## WARRANTY:

The manufacturer's equipment and supplied components are passed through rigorous inspection to assure optimum quality of products and reliability. Individual controls are factory tested under load, however the possibility of equipment failure and/or malfunction may still exist.

For service, contact your local retail outlet or distributor. The warranty period shall be two years from the date of manufacture. Proof of purchase is required for warranty validation.

In all cases, the warranty shall apply only to defects in workmanship and specifically exclude any damage caused by over-voltage, short circuit, misuse, acts of vandalism, fortuitous events, acts of God, flood, fire, hail or natural disaster. This warranty becomes invalid should the installation have been made contrary to our instructions.

The manufacturer assumes only those obligations set forth herein, excluding all other warranties or obligations. This warranty stipulates that in all cases the manufacturer shall be liable only for the supply of replacement parts or goods and shall not be liable for any personal injury, damages, loss of profits, halted operations, fine contravention of the law or damages to the production of the PURCHASER and the PURCHASER shall take up the defense and hold the manufacturer faultless regarding any legal or extra legal proceeding, notice, or claim by the customer or by a third party, and regarding any legal and extra legal expenses and fees brought forward on by such damages.



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