

# INSTRUCTIONS FOR INSTALLING WALL-MOUNT SPEED CONTROL

## 1. APPLICATION

- Motor Type – Shaded Pole, P.S.C., and Universal.
- Required Load – Fans, Blowers and speed dependant 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.

## 3. MOUNTING

- Use 2" deep standard Gem Box.
- Secure control with outer bracket tabs.

## 4. MINIMUM SPEED ADJUSTMENT

**(Important – If this option is not supplied, disregard step 4 and continue to step 5.)**

This control was designed to operate on motors used in diversified applications. A minimum speed adjustment is provided to allow independent control of the minimum speed setting.

- Motor must be in actual operating conditions to achieve proper speed adjustment. (Motor will not slow down unless proper load is applied.)
- Turn main control knob clockwise to lowest speed position.
- Locate and adjust minimum speed setting on front plate with screw driver (rotate clockwise to decrease minimum speed; counter-clockwise to increase minimum speed).

**SPECIAL NOTE** – For all high current models, 8 amps or greater, the opposite minimum speed rotation adjustment must be made so that motor runs with sufficient torque to prevent stalling.

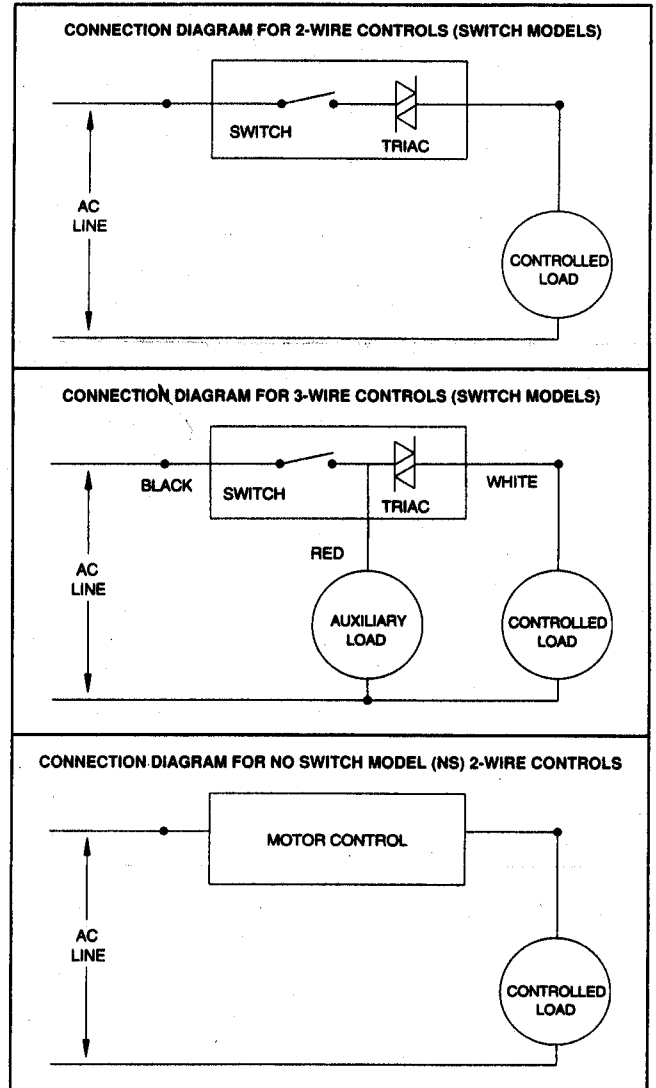
On some models minimum speed adjustment hole is located on side of control.

- Motor will now operate from this preset minimum speed to full speed.

## 5. FINAL MOUNTING – SWITCH MODELS

- Install front dial plate (remove protective plastic on face of dial plate).
- Turn main control until switch snaps off.
- Push on knob so that pointer is off position.

**MOUNTING NOTE** – For No Switch Models (NS) install front dial plate and push on knob.



### SAFETY WARNING! — PLEASE READ CAREFULLY

Unit should be installed by a qualified electrician in accordance with the national electrical code and other local codes which may apply. This control must be grounded when installed. Failure to follow these instructions may result in electrical shock or a fire hazard. To reduce the risk of fire or electric shock, this control is to be used only with fans marked as suitable for use with solid state speed controls. This control is suitable for mounting in a metal or polycarbonate field enclosure. These controls must not be used at ratings exceeding those clearly marked on the device.

We are not responsible for any expense, inconvenience or consequent damage caused by items of our manufacture or sale.



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