

# INSTRUCTIONS FOR VARILIGHT FAN CONTROLLERS



## OVERVIEW

The VARILIGHT Fan Regulator operates on 230VAC 50Hz and is designed to control mains voltage fans, or fans sharing a circuit with mains lighting. Use only in 1-way circuits. Please note: if there are lights in the same circuit as your fan(s) — whether built into the fan or separate — the light level may change as the fan speed is adjusted.

## LOADING

Do not exceed the maximum load, or fall below the minimum load, stated on the product label.

### **Suitable for:**

- Mains voltage fans
- Mains incandescent lighting (on the same circuit)
- Mains halogen lighting (on the same circuit)

### **Not suitable for:**

- Low-voltage lighting transformers
- LED lighting, fluorescent bulbs and tubes

### Calculating the load

Add the rating of the fan(s) to the **ratings of any mains lighting** on the same circuit. For example, a 100W fan plus 3 × 50W GU10 lamps = 100W + 150W = 250W total.

If the regulator makes the fan(s) **turn erratically**, you may have a fan that cannot be controlled with this type of controller. If your fan has an **integral multi-position speed switch**, set it to the fastest setting before using this regulator.

**Installers – leave these instructions with the customer.**

Batch Number: Please record the number printed on the rear plastic moulding for technical support.

**Batch number:** \_\_\_\_\_

## LIFETIME GUARANTEE

Varilight will repair or replace faulty units due to defective materials or workmanship, provided that:

- The unit has been installed correctly, used only with compatible loads, and not overloaded or run on an incorrect power supply.
- The dimmer module has not been tampered with. Faulty modules from multi-gang units may be removed for servicing without affecting other modules.
- The unit is securely packaged and returned with proof of purchase, fault details, and load type/wattage.

*This guarantee states Varilight's entire liability, which does not extend to consequential damage or installation costs or lamp/dimmer incompatibility issues. This guarantee does not affect your statutory rights.*

**Contact:** +44 (0)1293) 223333 or [varilight.co.uk/help](http://varilight.co.uk/help)

**Guarantee Registration Number:** **FAN005**

**For FAQs, please visit:**  
**[www.varilight.co.uk/faqs](http://www.varilight.co.uk/faqs)**

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# FITTING & WIRING YOUR REGULATOR

- Safety First - Switch off power at the mains before starting.
- If in doubt, consult a qualified electrician.

## 1. Removing the Old Switch

- Unscrew the old switch plate and note the position of each wire.
- Disconnect the wires, keeping any grouped wires together. Where two or more wires shared a terminal in the old switch, they must stay together in the regulator.

## 2. Preparing the Wall Box

Make sure the wall box is free from plaster, debris, or protruding screw heads and remove or flatten any extra fixing lugs if present.

**Warning:** Do not fit metal faceplates to **freshly plastered or damp surfaces** — this may cause tarnishing. If unsure, use a temporary polythene gasket. Avoid masking tape on metal faceplates.

## 3. Wiring the New Regulator

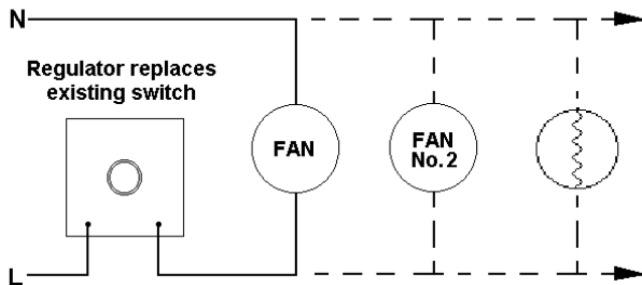
This regulator is suitable for 1-way circuits only, where the fan(s) and any light(s) are controlled by a single switch that the regulator replaces. Copy the wiring configuration from your old switch.

## 3. Wiring the New Regulator (Continued)

The two wires can be connected either way round to the “C” and “L1” terminals. Take care that no bare wires project from the terminals. Please follow the wiring diagram below. If your circuit differs from the one shown, or you are in any doubt, consult a qualified electrician. **Please follow the wiring diagram below.**

## 4. Final Steps

For metal faceplates, connect the earth wire to the marked earthing terminal. Screw the regulator gently into the wall box so the front plate is not distorted or cracked, taking care not to trap wires behind the unit. Restore power, switch on, and turn the control knob to set the desired fan speed (or light level). A slight buzzing during operation is quite normal.



**Figure 1**  
Using the 1-way Regulator