

INSTALLATION AND OPERATING INSTRUCTIONS FOR ELECTRONIC FAN SPEED CONTROLLERS EFSC RANGE

Model no.	Electrical Supply	Rating	Dimensions (H x W x D)	Mounting
FSC1.5	230v 1Ph 50Hz	1.5 Amps	89mm x 89mm x 42mm	Surface/ Flush
EFSC1.5	230v 1Ph 50Hz	1.5 Amps	87mm x 147mm x 46mm	Surface/ Flush
EFSC3	230v 1Ph 50Hz	3 Amps	87mm x 147mm x 46mm	Surface/ Flush
EFSC5	230v 1Ph 50Hz	5 Amps	87mm x 147mm x 46mm	Surface/ Flush
EFSC6	230v 1Ph 50Hz	6 Amps	147mm x 87mm x 50mm	Surface
EFSC10	230v 1Ph 50Hz	10 Amps	192mm x 110mm x 60mm	Surface

INSTALLATION

1. Check that the speed controller supplied is compatible with the fan.
2. Install in a dry sheltered position. Do not install in close proximity to a heat source.
3. Remove the front cover of the controller by unscrewing the fascia fixing screws. This provides access to mounting holes and electrical terminals.

All wiring must be carried out by a suitably qualified and competent person and comply with current applicable regulations

Operation

Switch on the controller by operating the ON/OFF switch. Rotating the control knob clockwise will increase the speed of the fan from the pre-set minimum to full speed.

Minimum speed adjustment

On certain fans the factory set minimum pre-set may need adjusting. This can be achieved by rotating the minimum trimmer inside the speed controller clockwise to increase the minimum level

Maximum speed adjustment

This can be achieved by rotating the maximum trimmer inside the speed controller anti-clockwise to decrease the maximum level.

Warning

Installation of the controller and adjustment of the internal minimum and maximum trimmers should be carried out with the electrical supply isolated

WIRING DIAGRAMS

All wiring diagrams show connections for 3 wire fan control:

U1: Controlled Live out to fan run winding

U2: Neutral out to fan

Aux: Maintained live out to fan capacitor

Where fan is 2 wire control (I.E. Only Live and neutral at fan terminal box omit connection Aux-CAP). If in doubt seek fan manufacturers advice

