



Specialist Control Panels HEATING & VENTILATION

6 AMP FAN SPEED CONTROLLER

INSTALLATION

All installations must be carried out to ensure compliance with Health and Safety at Work Act and all other applicable regulations.

The controls must only be fitted in a safe position where it is not in contact with any moisture, chemicals or solvents.

Firmly secure the base of the control to a suitable surface. Use only the base supplied as others types will compromise the integrity of the control.

Install the wiring to the base of the control. Ensure that the cables are clamped where necessary.

Wire terminal block supplied with control - to supply and fan.

Ensure correct wiring and that a good earth connection has been made.

Carry out electrical safety tests for earth continuity to front plate, and insulation resistance measurements, and record results.

Fit front plate to base. Check that the fan is correctly installed and that the local isolator is on. Turn the supply on.

Fan speed can now be adjusted using the main potentiometer.

WARNING: THE ADJUSTMENT OF MINIMUM AND MAXIMUM SPEEDS USING THE INTERNAL TRIMMERS SHOULD BE CARRIED OUT WITH THE ELECTRICAL SUPPLY ISOLATED.

To adjust the maximum speed set the main potentiometer to max and adjust the maximum speed potentiometer, which is on the back of the control, to the required speed.

To adjust the minimum speed set the main potentiometer to min and adjust the minimum speed potentiometer, which is on the back of the control, to the required speed. This should be no lower than 40% off full speed.

Once this is complete, adjusting the main control knob should vary the fan speed .

Ensure the end user is aware of the correct usage of the fan.

It is normal for the front panel to become warm in use.

SPECIFICATION

The speed controller provides manual speed control of certain shaded pole and permanent capacitor electric motors.

Maximum ambient temperature 30°C

Input voltage 230 VAC + 10% 50Hz

Maximum fuse 10A.

Maximum temperature on any mounting surface 35°C

Output voltage 0 - 230 VAC 50Hz

Maximum operating current 6A

The information provided in the literature is believed to be accurate (subject to change without notice), however, use of such information shall be entirely at user's own risk.

ENQUIRIES

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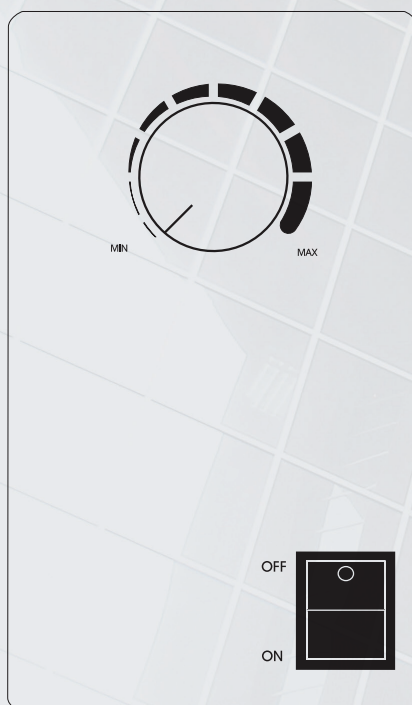


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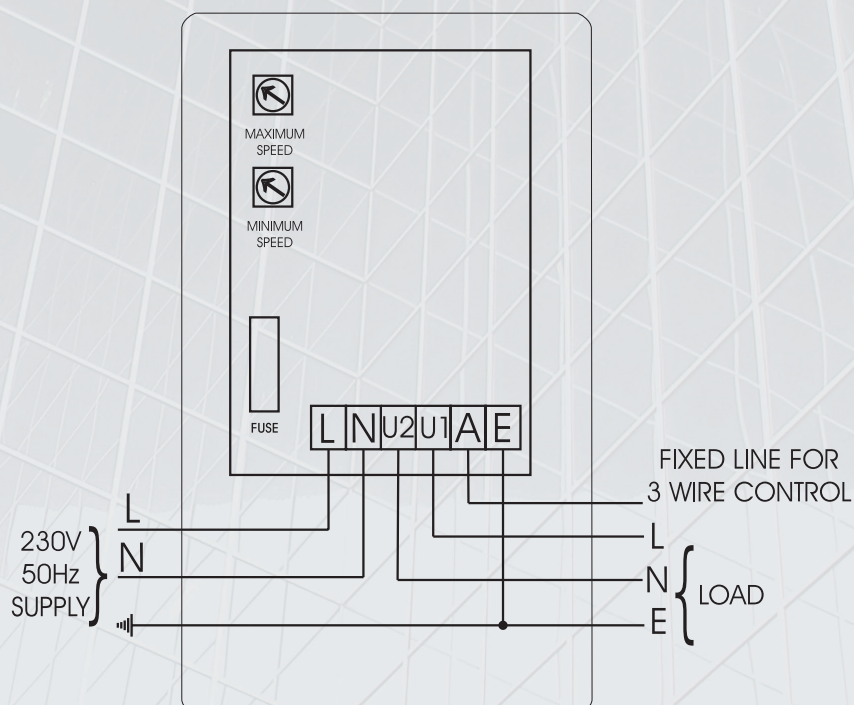
EXTERNAL VIEW OF FRONT PANEL

Panel Dimensions - 150mm High x 90mm Wide x 55mm Deep



INTERNAL VIEW OF FRONT PANEL

WIRING DIAGRAM



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