

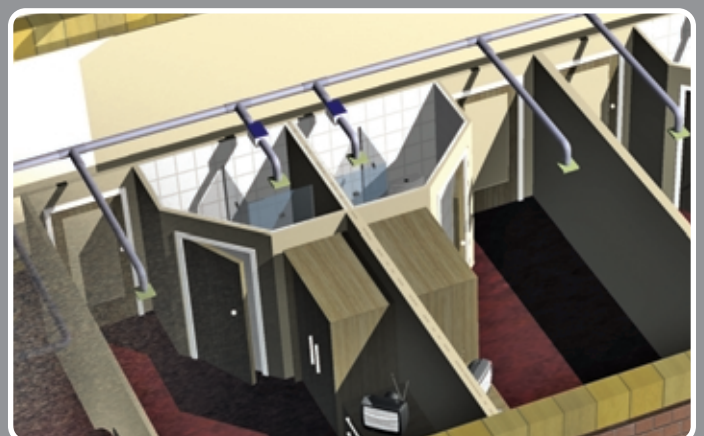
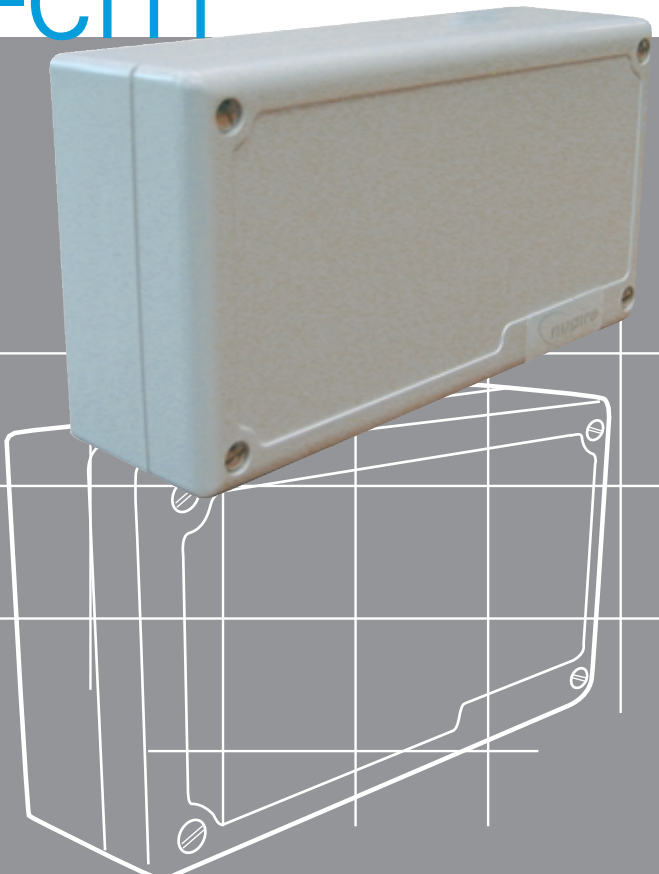
airemiser-cm

Ventilation control for added safety in kitchens & bathrooms -

Airemiser is a temperature and/or current sensing control device that activates an extract fan when either a cooker, bath or shower is being used - this is particularly useful in student accommodation and nursing homes. Airemiser as part of a balanced ventilation system will help prevent against condensation problems and can assist in the reduction of false fire alarms (a requirement of BS5839-1:2002 section 3).

Features:

- Auto control - no need for switches
- Energy savings by boosting fan only when required
- Helps maintain a healthy environment
- Easy to install with either current or temperature sensors for added safety
- Simple commissioning by boost from switch live
- Low maintenance with easy to clean, white ABS enclosure
- Very compact 159mm x 45mm



How AIREMISER-CM works

Nuaire AIREMISER-CM automatic fan controller comprise of a main controller with the optional choice of either or both current and temperature sensors which detects when a cooker or shower is in use. This enables the AIREMISER-CM to automatically turn on an extract fan or boost a central ventilation system.

For electric showers and cookers a current sensor is used to detect the flow of current.

For conventional showers (fed from a hot water system) a temperature sensor is used to detect the presence of hot water in the hot water pipe to the shower mixer.

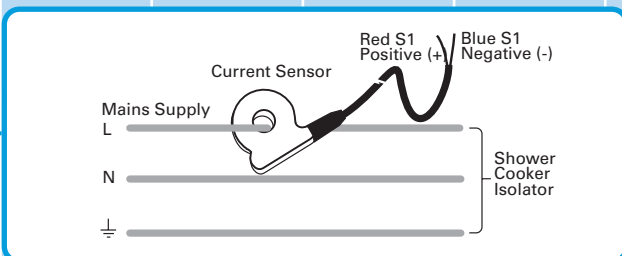
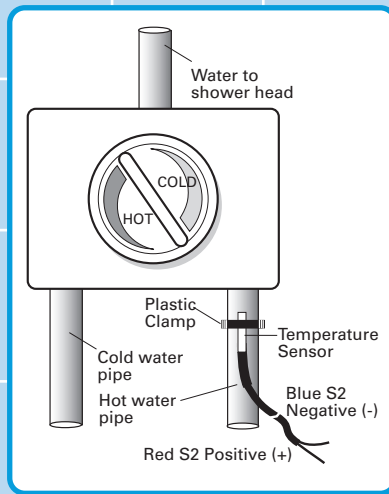
Sensors are supplied with a 12 metre cable length as standard.

Sensors

The main controller is shown with both sensors.

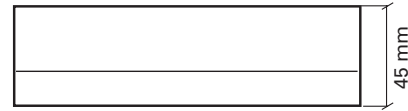
To the right the temperature sensor is securely clamped to the hot water pipe leading to the shower head.

To the left, is the current sensor which simply fits over the live or neutral conductor to an electric shower or cooker.

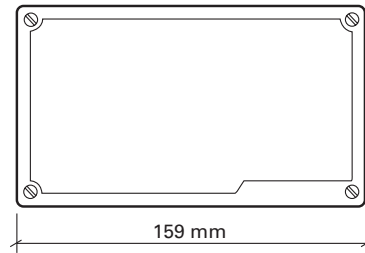


Dimensions

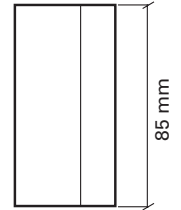
Top view



Front view



Side view

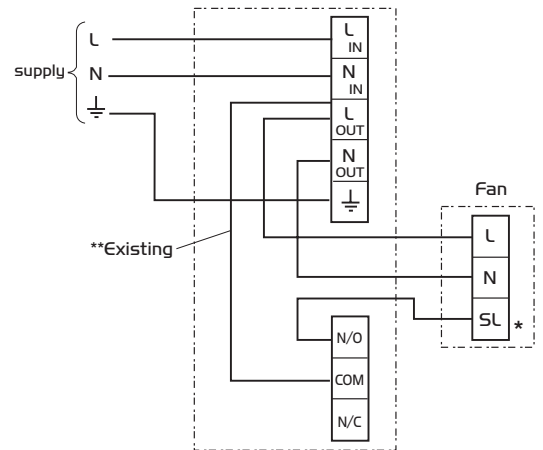


Code Description

Product	Product code	Installation area
Main fan control	Airemiser-CM	Kitchen
Current sensor	Airemiser-CS12	Kitchen/bathroom
Temperature sensor	Airemiser-TS12	Bathroom

Electrical Wiring

Typical wiring to boost fan or MEV.



*Refer to fan installation and maintenance document for specific terminal identification.

Run-on-timer in fan to be set to minimum.

Wiring for on/off installation with facility for adjustable run-on-timer.

