



Arens Automatic Ventilation Controller

The Automatic Ventilation Control coordinates the ventilation of multiple rooms by simultaneously controlling up to 8 additional Zone Controllers.

Windows are opened and closed depending upon control calendar, time of day, rain, wind speed, and internal and external temperature.

The Automatic Ventilation Control is mounted in a Clipsal Series 2000 flush switch plate enabling easy mounting to interior walls.

- A fully adaptable automated system
- Easily configurable to individual site requirements by onsite personnel
- Provides automatic window control systems based on various environmental readings
- Has time and date functionality with battery backup
- Offers additional functions such as 'night purge', and close after hours, when rain detected or when wind speed threshold is exceeded
- Can change operating characteristics according to season, day-of-week, hours of day and even school term dates

The Automated Ventilation Controller comes with:

- Wind sensor
- Rain sensor
- External temperature sensor



Inputs

- **External temperature** – Arens temperature sensor that is adjusted to trigger when the external temperature exceeds a preset figure.
- **Fire alarm** – this will open or close the windows on fire signal.
- **Master Lock** – signals all windows to close
- **Rain sensor** – will close windows when rain is detected.
- **Wind** – the controller measures the wind speed and closes the window when the wind speed exceeds the value programmed in the controller

Power to operate the panel is through a 1.5 a plug pack supplied with each unit. A GPO is required adjacent to the panel (normally installed in the switchboard cupboard or on a wall in a secure location).

You must order one or more Zone Controller units in order to operate this system. ⓘ

Technical Specifications

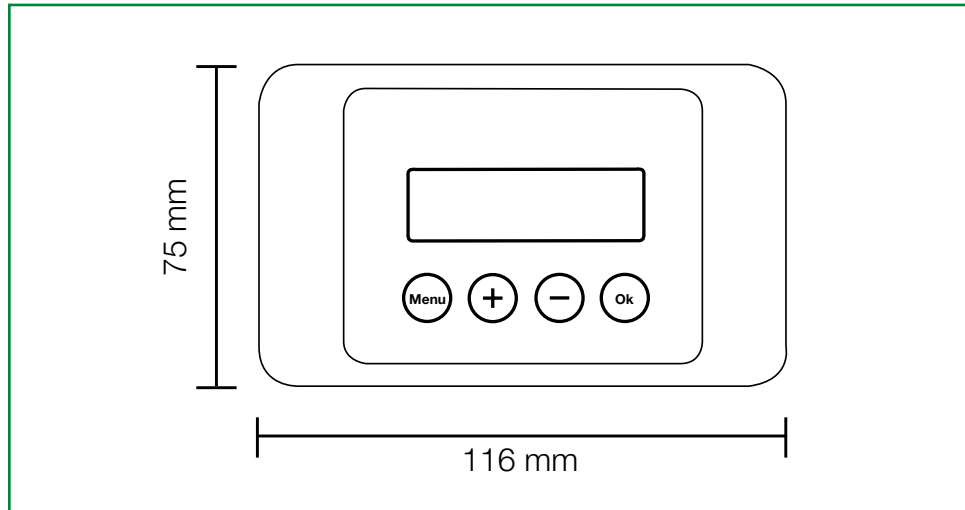
Operating voltage	24 VDC
Current	0.2 A
Connection to Zone Controller	Twisted Pair
External Temperature	Analogue
Wind Speed input	Voltage Free Contacts
Fire Alarm input	Voltage Free Contacts
Master Lock input	Voltage Free Contacts
Operating temperature	-10°C – +50°C

Part No.

	Horizontal
Arens Automated Ventilation Controller	07/47-501H



Dimensions



Technical Details

