

100 Series Advanced Operations Guide

The default settings of our 100 series controller are suited to most user applications. However, if you need to make advanced alterations such as; Thermostat, Actuator and Lock Calibration, then please use the following guide.

To enter 'advanced' setup set your unit to "AUTO" mode then press and hold the **AUTO/MAN** plus **SET +/-** buttons simultaneously for 5 seconds.

Your screen should now read..

ADV
SETUP

After a moment the screen will change to display

To Advance
Press SET +/-

Using **SET +/-** is how you scroll through the available options and saves each stage of any alteration.

Now press "**SET +/-**". The screen will read..

To + a value
Press Open

The Open button is used to increase any value.

Press "**SET +/-**" again. The screen will read..

To - a value
Press Close

The Close button is used to decrease any value.

Press "**SET +/-**" again. The display will read..

Proceed to
ADV Setup

Now you can proceed to the advanced setup options.

Press "**SET +/-**" again. The display will read..

Room Temp
is now XXc

'XX' being the current temperature in your room.

By using **Open(+)** and **Close(-)** you can calibrate the display temperature.

Press "**SET +/-**" again. The display will read

Full open
Cycle 013sec

013sec is the amount of time for the motor to operate and fully open - in most cases this default setting is adequate. You can of course, alter this setting for your actuator by pressing the **Open(+)** and **Close(-)** buttons.

Press "**SET +/-**" again. The display will read..

Opening
Temp =22c

This relates to the temperature that the room must reach before the actuator will operate.

You can alter this setting by pressing the **Open(+)** and **Close(-)** buttons.

Press "**SET +/-**" again. The display will read..

Closing
Temp =18c

This relates to the temperature that the room must fall to before the actuator will operate.

You can alter this setting by pressing the **Open(+)** and **Close(-)** buttons.

Press "**SET +/-**" again. The display will read..

AUTO LOCK
MODE OFF

Using autolock is a security feature that prevents the unit from being used without entering a passcode first. You can turn this on or off by pressing the **Open(+)** and **Close(-)** buttons.

Press "**SET +/-**" again will take you back to **AUTO MODE**

The unlock sequence is:

- Button 2** [AUTO/MAN]
- Button 1** [OPEN]
- Button 3** [SET +/-]
- Button 4** [CLOSE]

100 Series

Thermostatic and Rain Controller

Installation Guide



100 Series Installation Guide

fig. 1 Max 5amp Fused Spur

fig. 2 Surface Install / Flush Install (45mm recessed backbox)

fig. 3 Mains in

fig. 4 Actuator connections (See Actuator Installation Guide for wiring information)

fig. 5 Rain Sensor Installation (1.5m min distance from External Wall, 15° angle)

fig. 6 Temp Sensor Installation (2 core screened cable)

fig. 7 You can now switch the power on

fig. 8 Finished.

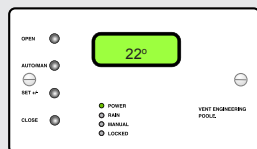
Frequently Asked Questions

We have compiled the following list of **Frequently Asked Questions** to assist you with any troubles you may encounter.

- Q. It has recently stopped raining but my windows have not opened again?**
- A. In Auto mode the 100 series controller has a built in time delay of 5 minutes between the rain sensor drying and the unit becoming fully operational. This will be indicated by the presence of the Rain LED on the front panel. For the unit to operate the current temperature will need to be higher than your desired opening temperature. In manual mode you should have full control of the unit.
- Q. Only the set+/- button on my panel does anything?**
- A. This means your panel has been locked. To unlock your unit see the instructions on the back page.
- Q. Can I change the default lock/unlock code?**
- A. No. The code has been preset to avoid the need for a complete system reset should the new code be forgotten.
- Q. My rain sensor seems to have become less responsive?**
- A. Check the unit has not slipped or fallen into an undesired position and try cleaning the metallic head with a soft damp cloth. We recommend the rain sensor is cleaned on a quarterly basis.
- Q. Where do I mount my temperature sensor?**
- A. This location is entirely at your discretion. We would recommend a position that gives a good average reading of the desired location, ideally at least 1300mm from the floor.
You can choose to position the thermostat a maximum of 30m away from the control panel.
- Q. My display shows 0.0 - Is this correct?**
- A. This indicates a problem with the thermostat wiring. Check the wiring and that all connections have been correctly made.
- Q. How many actuators will the 100 series operate?**
- A. The 100 series has a 5 amp capacity.

Additional user settings

Preset Opening Temperature

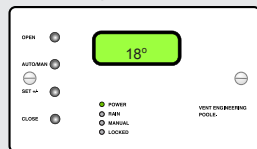


To adjust opening temperature



In Auto mode, hold 'A' & repeat press 'B'

Preset Closing Temperature



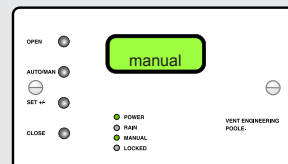
To adjust closing temperature



In Auto mode, hold 'A' & repeat press 'B'

To manually open and close

Press and hold **AUTO/MAN** for 2 seconds until **MANUAL** light comes on then use the **OPEN** or **CLOSE** buttons to adjust the window position.



Press and hold **AUTO/MAN** for 2 seconds to return to automatic mode.

We advise a difference of at least 2° between the opening and closing temperature.

