



tel 0845 519 0560 / 01702 826 267

fax. 0845 519 0570

email. Sales@rocburn.co.uk

Basic Actuator Controls

There are a few popular options for controlling your windows

This will depend on the application and any wiring restrictions

I Cant See What I Want!

This list shows the most popular options, but is no means a definitive list of how you can control your windows.

After discussing your application we may even suggest something that isn't on the list if it is a more appropriate option!

So.....if you don't see what you want please call us!

Switch Controls

The simplest control option is by using a retractive / momentary switch, you can operate single vents or banks of vents depending on the current (amps) of the motors you have fitted

All of the switches default to the centre off position and can be used to partially open the actuators to any distance up to the maximum actuator opening distance

The most popular switch is a plain white single gang option

There is an engraved Ventilation Open / Close option to identify it as a ventilation switch. This can be useful in commercial applications to identify its purpose

Other plate styles and finishes are available

Switches are rated to 10 amps, so you can run approximately 30 actuators from 1 switch if required

Key Switch Control

Key switches are popular in commercial environments where only specific people can control the vents, for example in a school hall

Key switches are available keyed alike (one key will operate any of the switches) or keyed to differ (keys only operate one switch)



Plain Switch



Engraved Switch



Key Switch



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Remote Controls

There are various methods to control your windows by remote control.

There are several reasons people select this method, sometimes it is due to wiring restrictions such as avoiding running cables down to a switch on a finished wall

On other occasions it is because the customer would find it much easier to use, for example people with a disability who would find it difficult to get to a switch or need to operate the windows from a wheelchair or a bed.



Kato Radio Built In Remote

Built in Remotes

Some actuators have a built in remote receivers, this means you don't need an additional panel on your wall. These can be wired straight into a fused spur

Separate Remote Receiver Panels

Actuators can also be wired in groups to a remote receiver panel, this allows control of individual windows or banks of windows from a handheld remote or wireless wall switch



Standard Remote Panel

Standard Version c/w Surface & Recessed Mounting Boxes

The standard panel is the most popular option. It can be surface or recessed mounted. The control panels are Radio Frequency (RF) so can be operated easily without having to aim the remote at the panel. (Even through walls)



IP Rated Boxed Panel

IP Rated Boxed Version

This receiver panel comes in an IP rated box, this is typically used for easier installation in a loft or kitchen cupboard for example. Or if you are installing it in a bathroom where it can be subject to moisture.



230 - 24v Remote Panel

230v to 24v Version

This receiver panel acts as a transformer, this allows you to operate a 24v DC actuator. This panel will operate using the same handheld remote so the installation can be kept consistent even when the opener voltages differ.



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Remote Controls

Handheld Remotes

Depending on how many actuators you have and how many receiver panels you want to operate you would select the most appropriate remote control option for your installation.

Also bear in mind if remote controls are required in different rooms

Single Channel Handheld Remote

The single channel remote, will operate one receiver panel with either a single or a group of actuators wired to it

Comes with a wall button to hook your remote on the wall

4 + 1 Channel Handheld Remote

The 4 channel remote will operate 4 separate receiver panels with either a single actuator or banks of actuators wired back to them

The +1 channel can either be programmed as an open all / close all function or can be used as an independent 5th channel if required

Comes with wall button to hook your remote to the wall

16 Channel Handheld Remote

The 16 channel remote as above will operate 16 separate receiver panels with either individual actuators or banks of actuators wired back to them

Comes with wall mounted holder to slide your remote into for storage

Wireless Wall Switch

A single channel wireless wall switch, this is popular when wiring is an issue or as a backup to a handheld remote control. Each switch operates one receiver panel



Single Channel Remote



4 + 1 Channel Remote



16 Channel Remote



Wireless Wall Switch



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Temperature Control & Rain Sensor Panels

These panels are a popular option for conservatory roof windows, flat roof vents, roof domes and skylight windows where there is the risk of rain getting in if the windows aren't closed

The panels will automatically open and close your windows based on a set temperature and importantly close the vents if it rains to prevent damage

MB06 Temperature Control Panel & Rain Sensor

This basic dimmer switch style temperature panel with rain sensor which will fully open and close your vents

This has a simple thermostat that works at + / - 3 degrees around a set temperature (based on where the panel is positioned)

The panel also has a manual open / close and in this mode the rain sensor will not function.

In automatic mode (when the panel is set to a temperature) the rain sensor will override and close the vent(s)

Optional remote control is available on request

MB08 Proportional Control Panel & Rain Sensor

This is a 2 gang digital display temperature control panel with rain sensor and remote temperature sensor

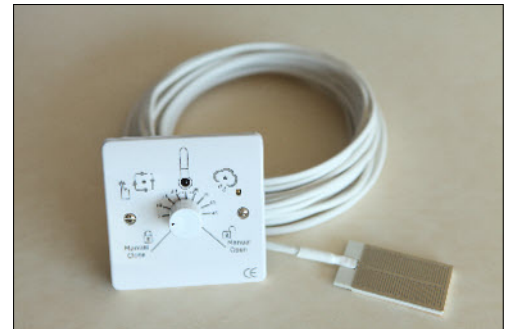
This advantage of this panel is it allows proportional 4 stage opening of the vents to help maintain the temperature without any dramatic changes because the window has been fully opened

This means that if opening the vent partially is enough to bring the temperature down to the required level, the panel will not open the vent any further.

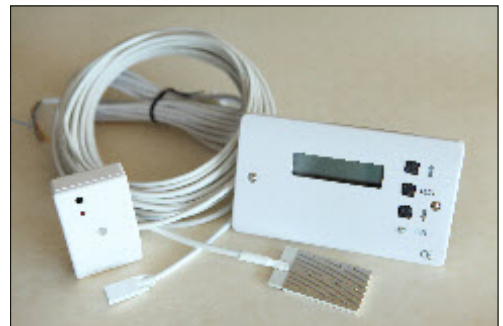
This prolongs the life of the openers by reducing the number of actuator cycles.

There is a manual and automatic mode on the panel, and the rain sensor can be set to work in both modes if required

Optional Remote Control & Optional BMS input if required



MB06 Temperature Panel & Rain Sensor



MB08 Temperature Panel & Rain Sensor



Temperature Panel Remote Control