

Roof Vents

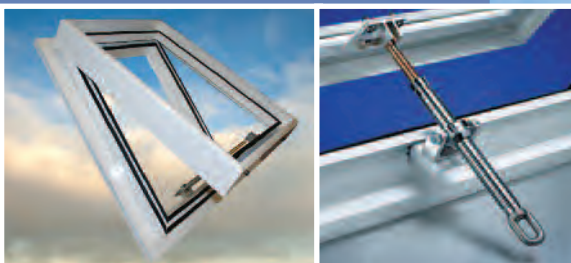
Rooflights

Roof vents are purpose made to suit the rooflight and can incorporate glass thicknesses from 6 mm to 50 mm, with 28 mm double glazing as standard. The vents can be powder coated to match and can be in any standard RAL of your choice.



Special trapezoidal roof vents can be supplied made especially for multi-faceted and pyramid rooflights. The extra bars eliminated to create a smoother, tighter design aesthetic.

There is a choice of opening mechanisms available to select from the following.



Manual worm gear for use with an operating pole



Electric motor which can be used with simple on/off switch

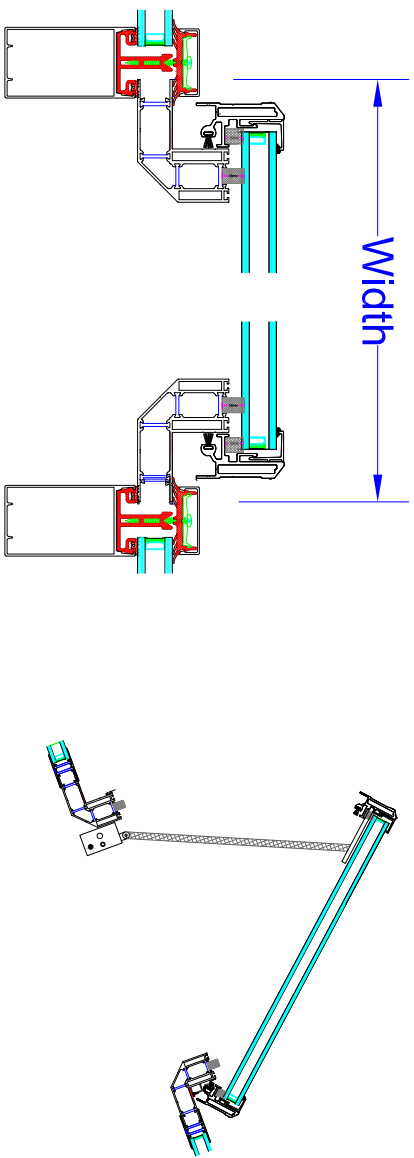


Or be controlled by a digital control unit that can operate multiple vents, in either 24 or 230 volt

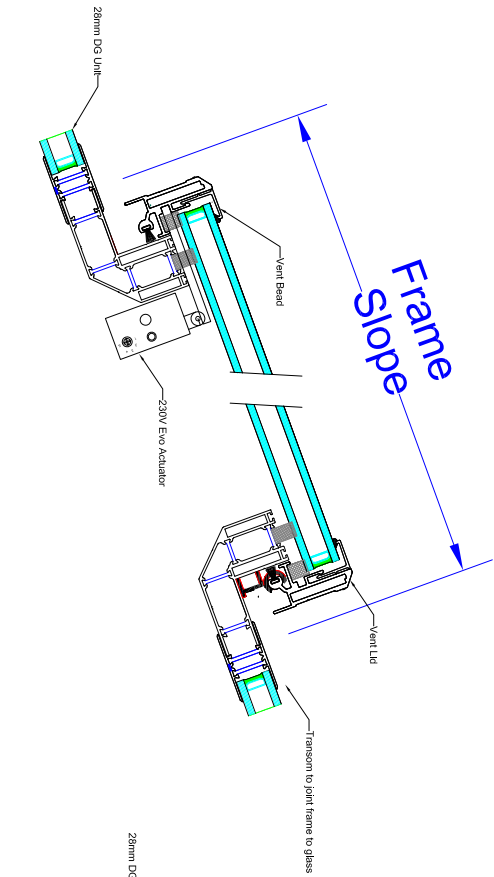


An addition of **rain** or **smoke sensors** can also be incorporated to your design to suit your individual setting requirements.

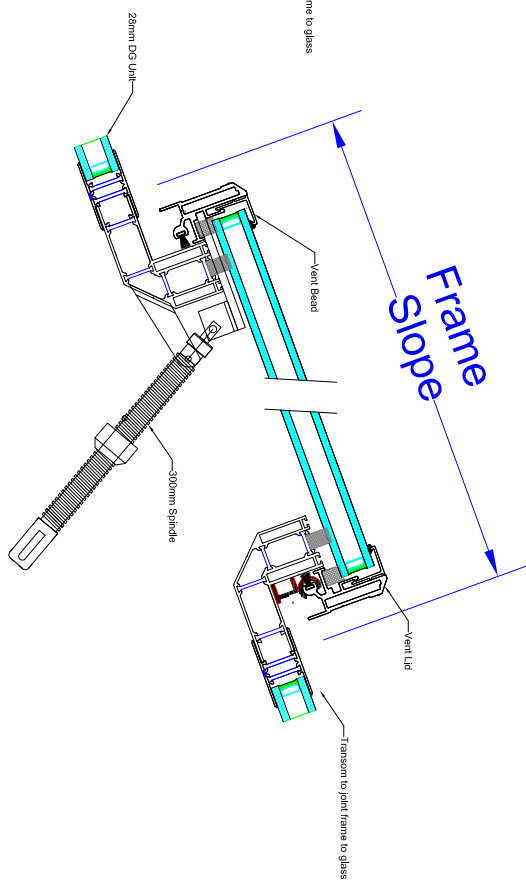
Aluminium Thermally Broken
ROOF VENT



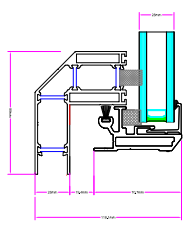
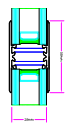
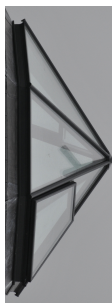
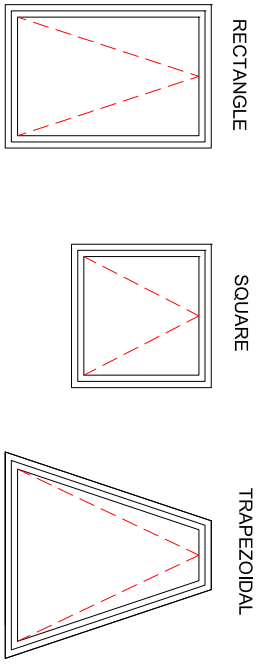
ELECTRIC



MANUAL



CONFIGURATIONS



NOTES
1. ANY DISSIMILAR MATERIALS TO BE ISOLATED WITH BARRIER TAPE
2. ALL INTERNAL FINISHES UNLESS NOTED ARE BY OTHERS
3. UNLESS STATED OTHERWISE ALL ROOF GLAZING SHOULD BE TREATED AS A FRAGILE ROOF

FINISH POWDER COATED
to be advised

GLASS SPECIFICATION
28mm DG Toughened Unit - Low E - Argon Gas Filled - Warm Edge Spacer - U Value 1.0 W.m²

CONSTRUCTION

DRAWING STATUS

CLIENT

PROJECT

DRAWING TITLE
Aluminium Thermally Broken
ROOF VENT

DRAWN : Gary H

SCALE : 1:10

GJH-0000

25/06/2020

S50

ROCKER SWITCH



DESCRIPTION

Rocker switch to control the open/close movement of window actuator. Can be used to directly control 230V AC actuators or used as an input for control unit. Surface or flush mounting. Supplied complete with back box for surface mounting. 1, 2, 3 or 4-gang versions available.

TECHNICAL DATA

Primary Voltage	250V AC ~
Output Current	10.0 A
Size	87 x 87 x 42 mm
Protection Type	IP 4X
Delivery	1 x Rocker Switch & 1 x Surface Mount Box
Cable Size	3-Core

CCU3

CONTROL UNIT (RADIO)

CCU3

CONTROL UNIT (RADIO)



VOLTAGE

Input = 230V AC, Output = 230V AC

MOTOR LINES

1

MOTOR LOAD

2.25 A

RCU3-RC

REMOTE TRANSMITTER



RS1
RAIN SENSOR



DESCRIPTION

Control unit for one actuator or one group of actuators. Complete with radio receiver for remote operation. Inputs for Rain Sensor, Rocker Switch, Key Switch or Remote Transmitter. Maximum output of 2.25 amp to operate 230V AC actuators. Supplied complete with surface mount enclosure.

INPUTS FOR

Rain Sensor
Key Switch
Switch
Remote Transmitter

APPLICATION



COMFORT
VENTILATION

EVC

CONTROL UNIT (RADIO)

VOLTAGE

Input = 230V AC, Output = 230V AC

MOTOR LINES

1

MOTOR LOAD

4.0 A



DESCRIPTION

The EVC Control Unit and Weather Station is used to automatically ventilate your indoor environment. This ensures a controlled air exchange even if no one is at home. The window is opened and closed according to the current room and outdoor temperature. Rain and wind alarms help to protect the equipment. The protection function can be switched off, if not required. After programming of an opening position the window is only opened to the required extent. Connection of several drives as group is possible. This allows, for example, simultaneous control of a number of roof windows.

Actuators are connected directly to the weather station, minimising cabling. The weather station and the battery powered control unit exchange their data and commands via radio. No cable is required for electricity supply or control data inside the building.

INPUTS FOR

Remote Transmitter
Rain Sensor (built in)
Wind Sensor (built in)
Temperature Sensor (built in)
Switch (built in)

APPLICATION



COMFORT
VENTILATION

MICRO EVO
CHAIN ACTUATOR
ELECTRIC

MICRO EVO

CHAIN ACTUATOR

OPENING STROKE SIZES

100 - 200 - 300 - 400 mm (adjustable)

PUSH FORCE

300 N

VOLTAGE

230V AC - 24V DC (+/- 10%)

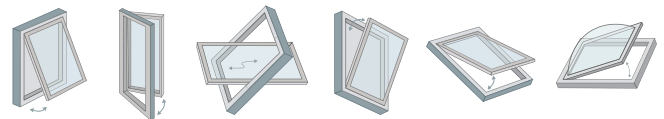
Electric / Actuators / Chain



DESCRIPTION

MICRO EVO electric actuator with anti corrosion treated double-link chain. Operating voltages: 110-240V AC 50-60Hz Hz or 24V DC. Self-adjusting end limit and soft stop closing to preserve the window frame and the actuator. It can be connected in parallel. Synchronisation function, manageable directly on site, for the application of more actuators on the same window. Colours available: Silver Anodised, Black RAL 9005 or White RAL 9003. Adjustable opening stroke of 100-200-300-400 mm using external dial located on side of the actuator. Supplied complete with inward and outward opening fixing brackets.

WINDOW TYPES



APPLICATION



COMFORT
VENTILATION

COLOURS

- **Black** RAL 9005
- **Silver** Anodised
- **White** RAL 9003
- ⊗ **Custom** RAL colour