

*Firelight is a natural casement roof ventilator which is suitable for natural day to day ventilation and smoke control. It is fitted with fail safe controls, which ensure that it opens if there is loss of power.*

*It has high aerodynamic, acoustic and thermal performance, providing extract ventilation for most kinds of industrial and commercial buildings. It is particularly suited for installation into glazing systems. Polycarbonate and glass versions allow the entry of natural daylight, and a wide range of infill panels are available, including a reduced noise panel.*

*For further details please see the next page.*



**FEATURES AND BENEFITS**

- Extremely low profile
- The mechanisms are concealed behind covers and are not visible when the ventilator is closed
- 230V AC controls mean small cable sizes and low wiring costs
- Can be driven open and closed to an intermediate position
- Can also be fitted with a UPS to keep it closed if the power supply fails
- Tested for top performance
- Efficient and weather resistant
- Easy to install
- Durable
- Low maintenance

**Available types**

Polycarbonate and glass versions allow the entry of natural daylight, and a wide range of infill panels are available, including an acoustically attenuated flap.

Firelight is also available with a double flap, pneumatic controls and with both linear and chain drive electric actuators.

Please refer to other Colt literature.

**Dimensions and opening angle**

The ventilator is available from 1100mm to 2500mm wide in 1mm increments, and from 700mm to 2200mm long in 1mm increments. The maximum dimensions depend on the size and type of lid selected, the installation and opening angles, and the wind and snow loads. Consult with Colt for further information.

Depending on the unit configuration, the ventilator can open up to a maximum of 60°.

**Finishes**

- Polyester powder paint to a RAL colour (standard thickness 70 mu)
- Mill finish
- Anodised (standard thickness 20 mu)

**Controls**

Fail safe controls ensure that it opens if there is loss of power. The ventilator is closed and held closed by means of the tubular motor that winds in cables attached to the lid. If there is a loss of power, the motor releases the wire, thereby enabling the gas springs to open the ventilator in a fail safe manner without the need for an external energy source.

These controls are completely hidden when the ventilator is closed and they make for a very compact, slimline ventilator.

The controls are 230V AC which means relatively small cable sizes and low wiring costs.

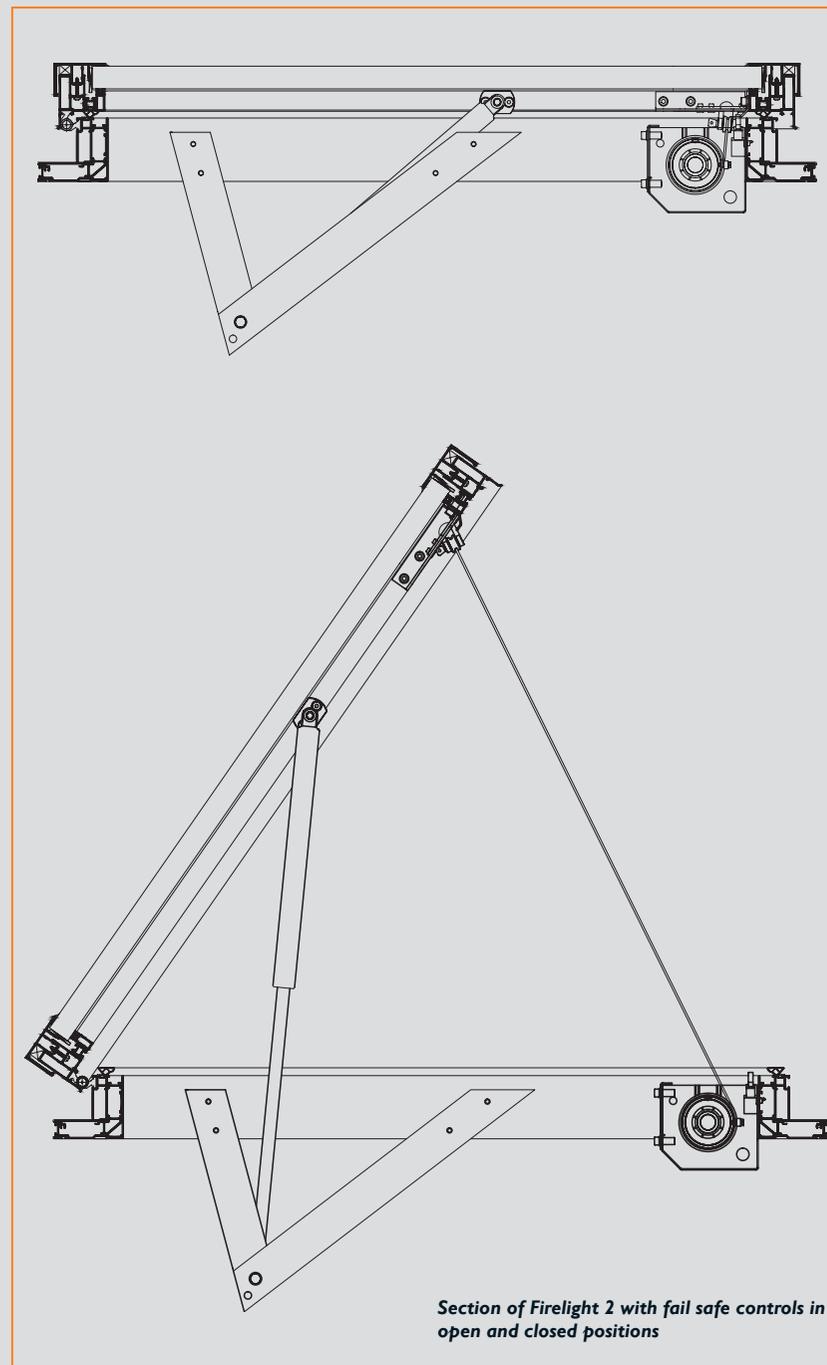
It can be driven open and closed with a 230V AC supply to an intermediate position. It can also be fitted with a UPS to keep it closed if the power supply fails; in this instance it is operated by a separate 24V control signal.



Side view when open



Front view when open



Section of Firelight 2 with fail safe controls in open and closed positions



Extremely low profile