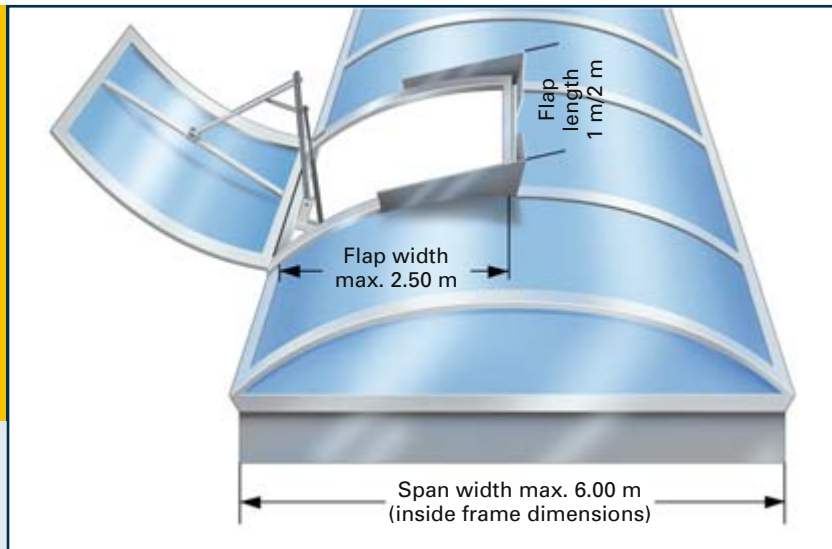


ESSMANN® Arcade Rooflight Type 940/10



Product Description

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ESSMANN arcade rooflights are arched (vaulted), with a pitch of 1/5 - 1/9 of the span width. The arcade rooflight is available in any width – in full centimetres – between 1.00 and 6.00 m, as required, and can be infinitely long.

The bearing structure consists of natural blank, extruded aluminium sections placed 1.06m apart or 0,53 m apart if the span width exceeds 5 m. The base and span sections are also made of aluminium, small outer parts, e.g. screws, hinges etc. are made of stainless steel (V2A).

The design of the polycarbonate double glazing complies with European fire protection regulations.

The ESSMANN arcade rooflight flap comprises a polycarbonate panel of the same thickness as the rest of the arcade rooflight in an aluminium frame.

The flap size is based on a grid of 1.06 m and is 1.00 or 2.00 m long. Applicable standards limit the width of the flap to 2.50 m max. A distinction is made between full, side and ridge flaps, depending on the span width of the arcade rooflight.

This flap construction can be used purely for ventilation or SHE purposes or as a combination of both.

The arcade rooflight flaps can be opened for daily aeration and ventilation by using optional ventilation motors (standard lift of 300 mm). At the same time, the arcade rooflight flaps can be used for smoke extraction by installing a smoke and heat extraction system (SHE). The smoke and heat extraction system (SHE) opens the arcade rooflight flap to 145 - 160° when activated.



ESSMANN SHE flap



ESSMANN ventilation flap

Further information can be found at www.essmann.de

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