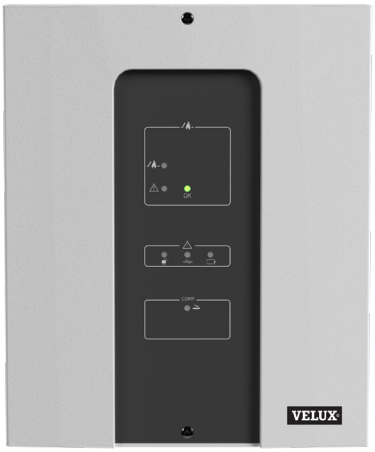
VELUX control unit KFC 310.



Controls up to 4 VELUX smoke ventilation windows GGL/GGU simultaneously, 1 VELUX smoke ventilation flat-roof window CSP (or 2 VELUX glass rooflight electric exit CXU, depending on local legislation, please consult your local VELUX Sales company). Connected windows can be easily opened and closed for fresh air by using a comfort ventilation switch. KFC 310 also features 72-hour battery back-up for added safety.

- Quickly open the window for daily or comfort ventilation with the touch of a button.
- Visual and aural alarms will notify building users in case of emergency or system errors.
- Control up to 4 VELUX smoke ventilation windows GGL/GGU or 1 VELUX flat-roof smoke ventilation windows CSP or 2 VELUX flat-roof exit CXU.
- Add additional wall switches, break-glass points, smoke detectors and rain sensors.
- Control system signals if there is failure in the motor power supply.
- Fully complies with current and expected future CE standards and regulations.
- Control up to 140 smoke ventilation roof windows GGU/GGL windows or 35 flat-roof smoke ventilation windows CSP by interconnecting up to 35 control units KFC 310.

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Technical information

VELUX control unit KFC 310.	**Material and colour**	Cabinet colour: RAL 9016, White
	Size and weight description	Size: W x D x H = 238 x 113 x 286 mm. Weight: Without batteries = 2.6 kg. - With batteries = 7.5 kg.
	Installation and use	The smoke ventilation system cabinet and PCB (Printed Circuit board) can be used for 4 smoke ventilation sloped roof windows GGL/GGU, 1 smoke ventilation flat-roof window CSP or 2 glass rooflights electric exit CXU. KFC 310 works as a control unit for all smoke detectors, break-glass points, etc. to control and open the window in case of smoke build-up. KFC 310 holds one terminal for window motors to be connected to a maximum output of 10 A d.c. Installation must be carried out by a certified person in accordance with current national regulations. The control system must be connected directly to the mains supply in accordance with national regulations to the system. Ensure that the mains supply cannot be disconnected unintentionally. It is recommended that disconnection is only possible using the main switch or a key switch. At least one of these means for disconnection must be incorporated in the fixed wiring in accordance with national wiring requirements.
	Power consumption	Input: 230 V a.c. – 50 Hz / 1.7 A. Output: 24 V-29 V d.c. max. load 10 A - Battery back up: 2 x 12 V d.c./7.2 Ah
	Compatibility	KFC 310 is compatible with all VELUX smoke detection accessories (KFA 100, KFK 3--, KFK 200 and KFS 30-). In installations where a third-party control is used, KFC 310 can be used as a power supply only for the connected VELUX smoke ventilation windows (4 x sloped roof windows or 1 x flat-roof window CSP).
	Connection	The mains supply is directly connected to the control unit's primary side with a 3-core cable. Min. cross section: 1.5 mm^2. Max. length: according to national legislation to secure correct power supply.

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