

VELUX control unit KFC 220



Control up to 8 VELUX smoke ventilation windows GGL/GGU simultaneously or 2 VELUX flat-roof smoke ventilation windows CSP with the control unit KFC 220. Connected windows can be easily opened and closed for fresh air using the buttons on the control panel. The KFC 220 also features an integrated break-glass point and 72-hour battery back-up for added safety. Available in 5 colours.

- 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.
- Integrated break-glass point activates the smoke ventilation system when triggered.
- Control up to 8 VELUX smoke ventilation windows GGL/GGU or 2 VELUX flat-roof smoke ventilation windows CSP.
- Add additional wall switches, break-glass points, smoke detectors and rain sensors.
- Control system signals if there is failure in the motor power supply.
- Control up to 80 smoke ventilation roof windows GGU/GGL windows or 20 flat-roof smoke ventilation windows CSP by interconnecting up to 10 control units KFC.

Technical information

VELUX control unit KFC 220	Material and colour	Cabinet color: RAL 9016, white
	Size and weight description	Weight: Without batteries = 3.1 kg. - With batteries = 8.0 kg
	Installation and use	Smoke ventilation system Cabinet and PCB (Printed Circuit board) to be used for 8 sloped smoke ventilation roof windows or 2 flat-roof smoke ventilation windows (CSP) divided equally on both terminals. Works as a control unit for all smoke detectors, break glass etc. to control and open the window in case of smoke build-up. The KFC 220 holds two terminals for window motors to be connected to with a maximum output of 2 x 10A d.c. The KFC 210 holds one terminal for window motors to be connected to with a maximum output of 10A 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. The control system incorporates an earth connection for functional purposes only.
	Power consumption	Input: 230 V a.c. - 50 Hz / 40 VA. Output: 24V d.c. max. load 2x 10A - Battery back up: 2 x 12V d.c./7.2 Ah
	Compatibility	KFC 220 is compatible with all VELUX smoke detection accessories (KFA 100, KFK 10-, KFK 200). In installations where a third party control is used the KFC 220 can be used a power supply only for the connected VELUX smoke ventilation windows (8 x sloped roof windows or 2 x flat-roof windows CSP)
	Connection	Main 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.