



**DECLARATION OF PERFORMANCE No: 3FC F21 EU (KFC 210) /3FC F22 EU (KFC 220)**

1. Unique identification code of the product type: **3FC F21 EU (KFC 210) /3FC F22 EU (KFC 220)**
2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
**VELUX smoke ventilation control unit**
3. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):  
**VELUX A/S, Ådalsvej 99, DK-2970 Hørsholm, [www.velux.com](http://www.velux.com)**
4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
**Not applicable**
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 1**
6. In case of a Declaration of Performance concerning a construction product covered by a harmonised standard **EN 12101-10:2005**:
  - a. **SP Technical Research Institute of Sweden (NB 0402)** performed type testing of the following essential characteristic: **Operation class - suitable for use with all systems, Environmental class, IP Rating, Interruption time, Minimum standby periods without main power, Maximum battery capacity, Mains input, Output current I<sub>maxb</sub>, Output voltage** (under system 1 and issued Certificate of Constancy of Performance 0402-CPR-SC1049-14)

**DECLARATION OF PERFORMANCE**



7. Declared performance:


Essential characteristics	Performance		§	NB #
	3FC F21 EU (KFC 210)	3FC F22 EU (KFC 220)		
Operation class - suitable for use with all systems	class A, passed	class A, passed	4.1	0402
Environmental class	class 1, passed	class 1, passed	7.1	0402
IP Rating	IP 42, passed	IP 42, passed	12.13	0402
Interruption time	2,5 sec, passed	2,5 sec, passed	5.2.1	0402
Minimum standby periodes without main power	72hour, passed	72hour, passed	6.2.1-6.2.3	0402
Maximum battery capacity	2 * 7,2 Ah	2 * 7,2 Ah	9.1	0402
Mains input	1 * 230VAC, 50 Hz, passed	1 * 230VAC, 50 Hz, passed	10.1	0402
Output current I <sub>maxb</sub>	10A, passed	2*10A, passed	12.1.3	0402
Output voltage	21,0-26,4V DC	21,0-26,4V DC	9.1	0402

8. Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies: **Not applicable**

Signed for and on behalf of the manufacturer by:

Klaus Lorentzen, Vice President, Product Development  
Ådalsvej 99, DK 2970 – Hørsholm, 01.04.2015



 <b>VELUX smoke ventilation control unit 3FC F21 EU (KFC 210) /3FC F22 EU (KFC 220)</b>			<b>Harmonised technical specification: EN 12101-10:2005</b>	
<b>Essential characteristics</b>	<b>Performance</b>		<b>§</b>	<b>NB #</b>
	<b>3FC F21 EU (KFC 210)</b>	<b>3FC F22 EU (KFC 220)</b>		
Operation class - suitable for use with all systems	class A, passed	class A, passed	4.1	0402
Environmental class	class 1, passed	class 1, passed	7.1	0402
IP Rating	IP 42, passed	IP 42, passed	12.13	0402
Interruption time	2,5 sec, passed	2,5 sec, passed	5.2.1	0402
Minimum standby periods without main power	72hour, passed	72hour, passed	6.2.1-6.2.3	0402
Maximum battery capacity	2 * 7,2 Ah	2 * 7,2 Ah	9.1	0402
Mains input	1 * 230VAC, 50 Hz, passed	1 * 230VAC, 50 Hz, passed	10.1	0402
Output current I <sub>maxb</sub>	10A, passed	2*10A, passed	12.1.3	0402
Output voltage	21,0-26,4V DC	21,0-26,4V DC	9.1	0402