

## DECLARATION OF CONFORMITY

We, Swegon AB

Declare under our sole responsibility that the product:

Rectangular fire damper IGNIS-R-EI120

To which this declaration relates, is in compliance with all the applicable essential requirements according to EN 15650:2010, and other provisions of the European Council Directive (89/106/EEC)

IGNIS-R-EI120 Rectangular fire damper				
<b>Actuator:</b>				
<ul style="list-style-type: none"> <li>- CFTH: Fusible link mechanism</li> <li>- B(L)F(T): General purpose actuator</li> </ul>				
<b>Fire resistance according to EN 1366-2 and classifications according to EN 13501-3:</b>				
Range	Type	Wall	Sealing	Classification
200x200 up to 1200x800	Rigid wall	Aerated concrete min 100 mm	With mortar	EI 120 (v <sub>e</sub> i ↔ o) S - (500 Pa)
	Flexible wall	Metal stud gypsum plasterboard GKA min 100 mm	With stone wool + cover plates	EI 90 (v <sub>e</sub> i ↔ o) S - (500 Pa)
		Gypsum blocs min 70 mm	With glue	EI 120 (v <sub>e</sub> i ↔ o) S - (500 Pa)
	Rigid floor	Aerated concrete min 150 mm	With mortar	EI 120 (h <sub>o</sub> i ↔ o) S - (500 Pa)
<b>Nominal activation conditions/sensitivity according to ISO 10294-4:</b>			Pass	
<ul style="list-style-type: none"> <li>- sensing element load bearing capacity</li> <li>- sensing element response temperature</li> </ul>				
<b>Response delay (response time) according to EN 1366-2:</b>			Pass	
<ul style="list-style-type: none"> <li>- closure time</li> </ul>				
<b>Operational reliability according to EN 1366-2:</b>			Pass	
<ul style="list-style-type: none"> <li>- cycling</li> </ul>				
<b>Durability of response delay according to EN 1366-2:</b>			Pass	
<ul style="list-style-type: none"> <li>- sensing element response temperature and load bearing capacity</li> </ul>				
<b>Durability of operational reliability according to EN 15650:</b>			CFTH - 50 cycles - passed	
<ul style="list-style-type: none"> <li>- open and closing cycle</li> </ul>			B(L)F(T) - 10 000 cycles - passed	
<b>Protection against corrosion according to EN 60068-2-52:</b>			Pass	
<b>Damper casing leakage according to EN 1751:</b>			Min. class B	

Declaration based on certificate of conformity BC1-606-0464-15650.43-0464 of BCCA.



**Date & place of issue:**  
 Kvänum, 1 February 2012

**Signature:**  
 Anders Eriksson  
 Technical Marketing Manager