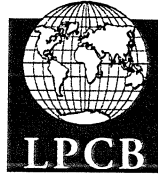


Loss Prevention Certification Board



CERTIFICATE OF PRODUCT CONFORMITY

This is to certify

ACTIONAIR

Ruskin Air Management, Joseph Wilson Industrial Estate, South Street,
Whitstable, Kent CT5 3DU

has complied with the requirements identified in

**LPS 1162 : Issue 3 – Requirements and Tests for
LPCB Certification of Fire Dampers.**

and is authorised to use the LPCB mark on

Fire/Shield and Smoke/Shield PTC fire dampers
(Refer to attached Appendix for details)

Certificate No. 017a Issue 14

Issued 25 November 2004

Valid Until 8 January 2006

Signed on behalf of the LPCB



C JUDGE

This Certificate is issued and held in force subject to the
corresponding ISO 9000 Certificate being maintained.

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To check the authenticity of this certificate, please visit our website or contact us.

Loss Prevention Certification Board



APPENDIX TO CERTIFICATE OF PRODUCT CONFORMITY NO. 017a

ACTIONAIR

LPCB Ref. no.	Trade Name	Series	Maximum Duct Size	ISO 10294-1 ⁵		Fire Resistance (Integrity)		Durability Standard ²	Corrosion Marine ³	Test Cyclic ⁴
				Vertical plane	Horizontal plane	Vertical plane	Horizontal plane			
017a/01	Fire/Shield	101	1250mm x 1016mm	E240	E240	240 min.	240 min.	Satisfactory	Not tested	Not tested
		201	1250mm x 1016mm	E240	E240	240 min.	240 min.	Satisfactory	Not tested	Not tested
		301	1016mm diameter	E240	E240	240 min.	240 min.	Satisfactory	Not tested	Not tested
		401	1250mm x 1016mm	E240	E240	240 min.	240 min.	Satisfactory	Not tested	Not tested
017a/04	Smoke/Shield PTC	501	1000mm x 1000mm	E180	E240	180 min.	240 min.	Satisfactory	Not tested	Not tested
		601	1000mm diameter	E180	E240	180 min.	240 min.	Satisfactory	Not tested	Not tested
		701	1000mm x 500mm	E180	E240	180 min.	240 min.	Satisfactory	Not tested	Not tested

- Notes: 1. Smoke/Shield PTC is known as Vent/Shield PTC when used as a smoke vent in an evacuation system, both Smoke/Shield PTC and Vent/Shield PTC can be controlled by Actionpac-Multiplex control system.
 2. Standard LPS1162 requirements for normal use.
 3. Corrosion test Appendix B LPS 1162 for marine use.
 4. Cyclic test Appendix A LPS1162 for repeated use.
 5. LPS 1162 incorporates the requirements of ISO 10294-1.

Signed on behalf of the LPCB

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