



Építésügyi Minőségellenőrző Innovációs Kht.  
Központi Laboratórium  
Aktív Tűzvédelmi Eszközök Vizsgáló Laboratóriuma

Npc for Quality Control and  
Innovation in Building  
Fire Testing Laboratory

Central Laboratory: 1113 Budapest, Diószegi út 37.

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Fire Testing Laboratory:

Phone: (36-26) 310-526

2000 Szentendre, Dózsa György út 26.

No. TMT-80/2006

## CERTIFICATE

on the

### FIRE SAFETY CONFORMITY

of a technical product

This Certificate is issued by ÉMI Kht. as an attestation body by appointment  
No. 1-A/1014/2004 (16 December 2004) of the Minister of Interior,  
at the request of

**COLT INTERNATIONAL LTD.  
A-4030 LINZ, WINETZHAMMERSTRABE 12.**

This Certificate of Conformity is based on the test results outlined in the attached  
TEST REPORT.

Identification marking of technical product (brand name, type, marking):

**ACTIVE CONTROL SYSTEM OF NATURAL SMOKE AND HEAT  
EXHAUST VENTILATOR TYPE "METEOR MLS"**

This CERTIFICATE OF CONFORMITY is valid until 27<sup>th</sup> of November 2011.

Budapest, 28<sup>th</sup> of November 2006.



*Tamás Bánky*  
Dr. Tamás Bánky  
Scientific Director



ÉMI Kht.'s Central Laboratory, Fire Testing Laboratory

- has been accredited under No. NAT-1-1100/2006 by the National Accreditation Body, in accordance with Hungarian Standard MSZ EN ISO/IEC 17025:2001; and
- it is a full rights member of EGOLF (European Group of Organisation for Fire Testing, Inspection and Certification).

KBiA-X-1.1-2006.05.11.

**Product manufacturer:** COLT International GmbH.  
D-47533 Kleve, Briener Straße 186.

**Distributor:** COLT International Ltd.  
A-4030 Linz, Winetzhammerstraße 12.

**Identification of testing facilities:**

ÉMI Kht. Central Laboratory (H-1113 Budapest, Diószegi út 37.)  
Active Fire Protection Testing Laboratory (H-2000 Szentendre, Dózsa György út 26.)

**Standards observed in testing the product:**

- 2/2002.(I.23.) BM –Decree of Minister of the Interior, Annex 5, chapter I.8.
- EN 12101-2:2003 Smoke and heat control systems. Part 2: Specification for natural smoke and heat exhaust ventilators

**Brief description and technical data of the products:**

Construction and flaps finish, bases:	A22 Al-construction, double skinned with 30mm insulation, extruded Al section A33 Al-construction, double skinned with 40mm insulation, extruded Al section with polyamide connecting pieces, cold bridge free RN33 Al-outer skin, sheet steel inner skin, 40mm insulation and 60mm air gap PC22/PO22 doppel profiled PC outer skin, PVC inner skin on Al-flap frame PC33/PO33 doppel profiled PC outer skin, PVC inner skin on Al-flap frame, cold bridge free
Controls:	OPV (electronic): failsafe open or close; open versions are fitted with a fusible link to open the vent at a pre-defined temperature, as an additional back-up form. Operation by one or two pneumatic cylinders: FO2-40-xxx TCA-VV ; TTA-VVZ with fusible link: 72, 93 or 141°C
Dimensions:	1200 / 1500 / 2000 / 2500 × 1000 / 1200 / 1500 / 1800 / 2000 / 2500 [mm]
Thermal device:	68°C or 93°C (MSZ EN 12259-1:2004)
Geometric area:	Annex of Test Report M-693/2006

**Field of application of the product (Declaration of EC No.: 96/577):**

Smoke and heat control systems - natural smoke and heat exhaust ventilator

**Identification marking of technical documents: M-693/2006**

**Technical conditions of applying the product safely:**

The technical conditions are identified in section M-693/2006 of the relevant Section 2. of Test Report No. TMT-80/2006 Certificate of Conformity (Fire Safety) covers a product which fully complies with the data and technical characteristics featuring in the Test Report marked Section 2 and dated 20<sup>th</sup>. of November 2006, provided that the other conditions of application identified in section 2<sup>nd</sup>. Part of the Test Report are met. During the life of this Certificate of Conformity, ÉMI Kht. is entitled to inspect the product in the manufacturing and/or distribution process, with expenses paid by the customer.

  
 Antalné Lőrök Noémi  
 Head of Fire Testing Laboratory