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| 1. | Unique identification code of the product-type | FDMQ 180 |
| 2. | Products | Fire dampers |
| | Intended use | To be used in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations. |
| | Technical documentation – product information, instruction for installation and maintenance, safety information | Technical specifications TPM 149/21 |
| 3. | Manufacturer | MANDÍK, a.s. Dobříšská 550, 26724 Hostomice, Czech Republic ID 26718405, tel. +420 311 706 706 mandik@mandik.cz , www.mandik.com |
| 5. | System of AVCP | System 1 |
| 6. | Harmonised standard | EN 15650:2010 |
| | Notified body | Notified body No. 1391 PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek |
| | Output documents of the notified body | Certificate of Constancy of Performance No. 1391-CPR-2023/0086 Assessment Report of Performance of Construction Product No. P-1391-CPR-2023/0086 |

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| 7a. | Declared performances – fire resistance classification Essential characteristics in accordance with EN 15650:2010, art. 4.1.1 | |
| | <i>Fire separating construction, location of the damper</i> | <i>Installation type, installation system</i> |
| | | <i>Performance – class of fire resistance</i> |
| | Solid wall construction – damper in the wall – wall thickness min. 150 mm | Mortar or gypsum ¹⁾ |
| | Solid ceiling construction – damper in the ceiling – ceiling thickness min. 150 mm | Mortar or gypsum ¹⁾ |
| | | EI 180 (v _e i↔o) S ²⁾ |
| | | EI 180 (h _o i↔o) S ²⁾ |

1) Refer to [Technical documentation](#) for the details of the installation type / installation system.


2) Tested at increased test underpressure of 500 Pa.

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| 7b. | Declared performances – essential characteristics Essential characteristics in accordance with EN 15650:2010, art. 4.1.1 | |
| <i>Essential characteristics</i> | <i>Requirements (provisions of the harmonised standard EN 15650:2010)</i> | <i>Performance (lever or class) / Compliance with the requirements</i> |
| Nominal activation conditions/sensitivity: | 4.2.1.2 | Conforms |
| – sensing element load bearing capacity | 4.2.1.2.2 | Conforms |
| – sensing element response temperature | 4.2.1.2.3 | Conforms |
| Response delay (response time): – closure time | 4.2.1.3 | Conforms |
| Operational reliability: – cycling | 4.3.1, a) | 50 cycles – conforms |
| Durability of response delay: – sensing element response to temperature and load bearing capacity | 4.2.1.2.2 4.2.1.2.3 | Conforms |
| Durability of operational reliability: – opening and closing cycle tests | 4.3.3.2 | Dampers with the control mechanisms - manual Mandík M: NPD - Mandík MODULAR: C ₃₀₀ - Belimo: C _{10.000} |

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

In Hostomice, 2025-01-02


Jan Mičan
CEO, Ppa
MANDÍK, a.s.

| Declared performances – other characteristics | | |
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| <i>Characteristics</i> | <i>Technical standard</i> | <i>Performance (lever or class) / Compliance with the requirements</i> |
| Resistance against corrosion | EN 15650:2010, art. 4.2.2 EN 15650:2010, Annexe B | Conforms |
| Damper blade tightness | EN 1751:2024 | Class 3 |
| Damper casing tightness | EN 1751:2024 | Class ATC 3 (original marking “C”) |