

EC DECLARATION OF CONFORMITY

PM/KJM/01/25/1

In accordance with Section 13(2) of Act No. 22/1997 Coll., on the technical requirements for products, as amended by Act No. 526/2020 Coll., and on amendments and supplements to certain acts, as amended, and in accordance with Section 5(2) of Government Regulation No. 163/2002 Coll., as amended by Government Regulation No. 312/2005 Coll., laying down the technical requirements for selected construction products, and Government Regulation No. 215/2016 Coll. and Government Regulation No. 119/2024 Coll. If relevant (depending on the product version), also Government Regulation No. 219/2016 Coll., Annex 3, Module D1.

Furthermore:

Directive 2014/68/EU of the European Parliament and of the Council (PED, Annex III, Module D1) – if relevant
Directive 2014/35/EU of the European Parliament and of the Council (LVD),
Directive 2014/30/EU of the European Parliament and of the Council (EMC)
Directive 2009/125/EC of the European Parliament and of the Council (ECODESIGN)
Directive 2014/34/EU of the European Parliament and of the Council (ATEX) – see separate EU Declaration of Conformity No. EU-POS/KJM/01/25/1/Ex

1. **Manufacturer:** MANDÍK, a.s., manufacture of air handling units and related fire-fighting components, industrial heating, heating technology, air-conditioning units and air handling units for special applications
Dobříšská 550, 267 24 Hostomice, ID No.: 26718405, Tax ID No.: CZ26718405
2. **Product:** Series M (M+), P (P+), S (S+), T (T+) and D (D+) modular air-conditioning units, according to TPM 088/12, valid from 1 April 2025, including chambers and components such as:
 - Fan chambers
 - Heating chambers
 - Cooling chambers
 - Drip eliminators
 - Recuperation chambers
 - Filtration chambers
 - Multi-blade dampers
 - Mixing chambers
 - Damping chambers
 - End wall
 - Rain shutters
 - Cushioning inserts
 - One-piece flanges
 - Rain caps

Description and purpose of product:

The M (M+), P (P+), S (S+), T (T+) and D (D+) series of modular air-conditioning units are designed for transporting and treating air in low-pressure ventilation, heating and air-conditioning systems with no explosion hazard, where they are not directly exposed to the effects of the weather.

3. The above product complies with the following technical standards:

General requirements:

EN 13053 - Ventilation for buildings - Air handling units - Rating and performance for units, components and sections

EN 16798-3 - Energy performance of buildings - Ventilation for buildings - Part 3: For non-residential buildings - Performance requirements for ventilation and room-conditioning systems (Modules M5-1, M5-4)

EN 1886 - Ventilation for buildings - Air handling units - Mechanical performance

EN ISO 16890-1 - Air filters for general ventilation - Part 1: Technical specifications, requirements and classification system based upon particulate matter efficiency (ePM)

RLT-Guideline 01 – Requirements for air handling units

RLT-Guideline Certification – Requirements for the evaluation of energy efficiency

Eurovent TCR - Requirements for the evaluation of energy efficiency

Requirements for hygienic design and clean rooms:

VDI 6022 – Ventilation and indoor-air quality - Hygiene requirements for ventilation and air-conditioning systems and equipment

VDI 3803 – Central air-conditioning systems – Technical requirements and requirements for filter systems

ÖNORM H 6021 – Hygiene requirements for air handling units

SWKI VA104-1 - Hygiene requirements for air handling units

DIN 1946-4 – Requirements for air handling units for health care buildings
ÖNORM H 6020 - Requirements for air handling units for health care buildings
SWKI 99-3 - Requirements for air handling units for health care buildings

Requirements for integrated cooling equipment (if relevant):

EN 378 – Refrigerating systems and heat pumps

4. Properties and use, manufacturer's technical documentation:

Use in construction:

The products are designed for central distribution and conditioning of air in ventilation and air-conditioning systems. **The units** can be used in potentially explosive atmospheres (see ATEX, PED and other documentation) within the ambient temperature range of -30 °C to +40 °C. Outdoor units are equipped with components or design features that allow them to be installed outdoors (e.g. roofs, flaps inside the chamber), provided that specific conditions are met.

The above construction product is safe when used for its intended purpose. In the event of an unauthorised modification, this declaration ceases to be valid. The technical documentation is archived by Authorised Entity no. 227 – Výzkumný ústav pozemních staveb (Building Research Institute), Prague 10 – Hostivař, Certificate No. 227/C5/2019/0097 dated 24 April 2019 (MPST and D series) and Certificate No. 227/C5/2019/0099 dated 24 April 2019 (M+, P+, S+, T+ and D+ series).

EMC – Engineering Test institute, Brno, Certificate No. E-31-00259-15

LVD - Engineering Test institute, Brno, Certificate No. E-31-00258-15

PED – DOM-ZO 13, Česká Třebová, Certificate No. 2570-PED-25-301/C01

Hostomice, 7 May 2025



Jan Mičan
CEO MANDÍK, a.s.


MANDÍK, a.s.
Hostomice, Dobříšská 550
www.mandik.cz