

in acc. with par. 13 of (CZ) law No. 22/1997 Sb., par. 14 of (CZ) law No. 90/2016 Sb.,
par. 13 of (CZ) gov. regulation No. 163/2002 Sb.,
and applicable EU directives and regulations.

a) *Manufacturer:* MANDÍK, a.s.
Dobříšská 550, 267 24, Czech Republic
IČO 26718405
www.mandik.com

b) *Product identification*

MONZUN-HP

c) *Product description, intended use*

Industrial air-to-air heat pump of MONZUN-HP typerange,
of types MONZUN-HP 20, and MONZUN-HP 33.

The product is intended to be used in buildings, for space heating or cooling
of non-domestic premises.

The product consists of an indoor fan unit, outdoor compressor unit,
controlling and installation components, as follows:

Type	Indoor unit fan	Outdoor unit
MONZUN-HP 20	A4E450-5FM-AR00	MVi-200WV2RN1(A) / KMF-200 DN4
MONZUN-HP 33	A4E500-5FM-AR00	MVi-335WV2RN1(A) / KMF-335 DN4, or MVi-335WV2RN1(B) / KMF-335 DN6

Product supply voltage is 3-phase 400 V 50 Hz.

The product works with R410A refrigerant; the indoor unit is delivered without the refrigerant; the outdoor unit is delivered filled with the refrigerant.



d) *Declaration of the Manufacturer*

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The Manufacturer declares that

- the product complies the essential requirements of Czech national gov. regulation No. 163/2002 Sb. establishing technical requirement on selected construction products, as amended, and
- the product complies the following EU directives and regulations, as amended:
 - 2014/68/EU (PED),
 - 2014/35/EU (LVD),
 - 2014/30/EU (EMC),
 - 2006/42/EC (MD),
 - 2009/125/EC (Ecodesign), 813/2013, 2016/228, 2017/1369
 - 2012/19/EU (WEEE)
 - 2011/65/EU (RoHS), 2015/863
 - 1907/2006 (REACH),
 - 2024/573 (F-gas), and
- the product is – under conditions of normal use – safe, and that
- measures have been taken to assure conformity of all products being placed on the market with technical documentation and with the essential requirements.

e) *Technical standards used for the conformity assessment:*

EN 60335-1:2012/A15:2021, EN 60335-2-40:2003/A13:2012, EN 62233:2008,
EN 60034-1:2010, EN 61000-3-2:2014, EN 61000-3-3:2014, EN 378-2:2016, EN 14825:2018,
EN IEC 61000-6-3:2021, EN IEC 61000-6-1:2019, EN 61000-6-2:2005, EN 601000-6-3:2007/A1:2011,
EN 61000-4-2:2009, EN 61000-4-3:2006/A1:2008/A2:2010, EN 61000-4-4:2012, EN 61000-4-5:2014
EN 61000-4-6:2014, EN 61000-4-8:2010, EN 61000-4-11:2004, EN 60950-1: 2009/A1:2010/A12:2013,
EN 61558-1:2005/A1, EN 61558-2-16:2009/A1, EN 55014-1:201, EN 55014-2:2021, EN 60730-1:2016/A1:2019.
EN 55032:2015.


f) *External documents used for the conformity assessment:*

EU declaration of conformity – outdoor units,
EU declaration of conformity – fans,
EU declaration of conformity – fan speed controller,
EU declaration of conformity – EEV controller,
EU declaration of conformity – modbus convertor,
EU declaration of conformity – DC power source,
TÜV SÜD – Certificate 64166210074402A,
TÜV SÜD – Certificate 64166210074402B,
TÜV SÜD – Verification report TR-64.166.21.00744.02A,
TÜV SÜD – Verification report TR-64.166.21.00744.02B,
TÜV SÜD – Certificate 64711110394332,
TÜV SÜD – Certificate 64711220191905,
TÜV SÜD – Certificate 64111130038524,
TÜV SÜD – Certificate 64111220191906,
TÜV SÜD – Certificate Z-PRC-24-06-662082-029,
TÜV SÜD – Certificate Z-PRC-22-07-662082-20 Rev.1.

g) *Instructions for use*

– [164/23](#) Installation, commissioning, operation, maintenance and service manual.

Hostomice, 2025-01-02


Mgr. Jan Mičan
CEO, Ppa
MANDÍK, a.s.