

EC DECLARATION OF CONFORMITY

Manufacturer: **VBW Engineering sp. z o. o.**
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Product: **Roof air handling unit "YMBD"**

Type: **YMBD**

Serial number of AHU: **C 50191 /19**

Purchase Order: **2914190714-1 from 07-087-2019**

We declare under our sole responsibility that the described above AHU, as the machine complies with the following directives of the European Parliament and of the Council:

- Directive 2006/42/EC (MD) of 17 May 2006 on machinery;
- Directive 2014/35/EU (LVD) of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits (recast);
- Directive 2014/30/EU (EMC) of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast);

Used harmonised standards:

Polish standard (PN) corresponding to European standard, harmonised with the Directive 2006/42/EC:

PN-EN ISO 12100:2012 (EN ISO 12100:2010);

„Safety of machinery -- General principles for design -- Risk assessment and risk reduction”.

Polish standards (PN) corresponding to European standards, harmonised with the Directive 2014/35/EU:

PN-EN 60335-1:2012 (EN 60335-1:2012); **PN-EN 60335-1:2012/AC:2014-03** (EN 60335-1:2012/AC:2014);

PN-EN 60335-1:2012/A11:2014-10 (EN 60335-1:2012/A11:2014)

„Household and similar electrical appliances – Safety -- General requirements”;

Polish standards (PN) corresponding to European standards, harmonised with the Directive 2014/30/EU:

PN-EN 61000-6-2:2008 (EN 61000-6-2:2005, EN 61000-6-2:2005/AC:2005)

„Electromagnetic compatibility (EMC) - Part 6-2: Generic standards -- Immunity for industrial environments”;

PN-EN 61000-6-3:2008 (EN 61000-6-3:2007);

PN-EN 61000-6-3:2008/A1:2012 (EN 61000-6-3:2007/A1:2011, EN 61000-6-3:2007/A1:2011/AC :2012);

„Electromagnetic compatibility (EMC) -- Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments”.

Used other technical standards and specifications :

- Commission Regulation (EU) No 1253/2014 of July 2014 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for ventilation units;
- Standard **PN-EN 1886:2008** (EN 1886:2007)
„Ventilation for buildings – Air handling units – Mechanical performance”;
- Hygienic Certificate BK/K/0287/01/2018 issued by PZH (National Institute of Hygiene, Warsaw Poland);
- Certificate TM 61000395.001 issued by TÜV Rheinland Polska.

Name and address of the person authorised to compile the technical file:

Ryszard Rawa, 81-571 Gdynia, 133D Chwaszczyńska street.

Gdynia, 2019-10-07

/The place and date of the declaration/
to draw up the declaration on behalf of the manufacturer/

/ The identity and signature of the person empowered