

EU DECLARATION OF CONFORMITY

We hereby declare that the product/series described below conforms to the relevant fundamental health and safety requirements of the applicable European Union Directives as outlined herein – both in its basic design and construction as well as in the version marketed by us – and that sole responsibility lies with the manufacturer.

Description of machinery: **Decentralized ventilation unit with heat recovery unit types ComfoAir 70**

Directive 2014/35/EU of the European Parliament and of the Council 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

Applied standards:

EN 60335-1:2012 + AC:2014 + A11:2014 Household and similar electrical appliances – Safety – General requirements

EN 60335-2-40:2003 + A11:2004 + A12:2005 + A1:2006 + A13:2012/AC:2013 + A13:2012 + A2:2009 + AC:2006 + AC:2010 Household and similar electrical appliances – Safety / Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers

Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility

Applied standards:

EN 61000-6-1:2007 Electromagnetic compatibility (EMC) – Part 6-1: Generic standards – Immunity for residential, commercial and light-industrial environments

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

EN 61000-3-2:2014 Electromagnetic compatibility (EMC) – Part 3-2: Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3:2013 Electromagnetic compatibility (EMC) Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 concerning the ecodesign requirements for energy-related products

Applied regulations:

Ecodesign Regulation (1253/2014/EU)

Directive 2010/30/EU of the European Parliament and of the Council of 19 May 2010 on the indication by labelling and standard product information of the consumption of energy and other resources by energy-related products

Applied regulations:

Labelling Regulation (1254/2014/EU)

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Applied standards:

DIN EN 50581:2013-02 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE)

Further applied standards:

EN ISO 12100:2010 Safety of machinery – General principles for design – Risk assessment and risk reduction

EN ISO 3741:2010 Acoustics – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Precision methods for reverberation test rooms

DIN EN 13141-7:2010 Performance testing of components/products for residential ventilation – Part 7: Performance testing of a mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for single family dwellings

DIN EN 13141-8:2014 Performance testing of components/products for residential ventilation – Part 8: Performance testing of non-ducted mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for a single room

Signed for and on behalf of PAUL Wärmerückgewinnung GmbH

Reinsdorf, August 31, 2021



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