

Zehnder Zwolle B.V.  
Lingenstraat 2  
8028 PM Zwolle  
The Netherlands  
Tel.: +31 (0)38 429 69 11  
Fax: +31 (0)38 422 56 94  
Business Register Zwolle 05022293

## Declaration of Conformity

**Machine description:** Ventilation unit with heat recovery  
**ComfoAir Flex Series R2.1**

For all: Complies with the following directives:	Low Voltage Directive EMC Directive	(2016/35/EU) (2016/30/EU)
With RF: Complies with the following directive:	RED Directive	(2017/53/EU)
	ROHS II Directive Energy Labeling Directive ERP Directive	(2012/65/EU) (2010/30/EU) (2009/125/EG)
Complies with the following regulations:	Ecodesign Regulation Energy Consumption labeling	(1253/2014/EU) (1254/2014/EU)

**Applied Standards:** EN 60335-1 (2012) 'Household and similar electrical appliances – Safety, Part 1: General requirements.'  
EN 55014-1 (2006), +A1 (2009),+A2 (2011) Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus, Part 1: Emission'.  
EN 55014-2 (2015) 'Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus, Part 2: Immunity – Product family standard'  
EN 61000-3-2 (2014) 'Electromagnetic compatibility (EMC), Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤16 A per phase)'  
EN 61000-3-3 (2013) 'Electromagnetic compatibility (EMC), Part 3-3: Limits – 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'  
EN 61000-4-2 (2009) 'Electromagnetic compatibility (EMC), Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test'  
EN 61000-4-3 (2006) +A1 +A2 'Electromagnetic compatibility (EMC), Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test'  
EN 61000-4-4 (2012) 'Electromagnetic compatibility (EMC), Part 4-4: Testing and measurement techniques – Electrical fast transient/burst immunity test'  
EN 61000-4-5 (2014) 'Electromagnetic compatibility (EMC), Part 4-5: Testing and measurement techniques – Surge immunity test'  
EN 61000-4-6 (2014) 'Electromagnetic compatibility (EMC), Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields'  
EN 61000-4-11 (2004) 'Electromagnetic compatibility (EMC), Part 4-11: Testing and measurement techniques. Voltage dips, short interruptions and voltage variations immunity tests'  
ETSI EN 300 220-1 v 3.1.1 (2017-02) 'Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz — Part 1: Technical characteristics and methods of measurement'  
ETSI EN 300 220-2 v 3.1.1 (2017-02) 'Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz — Part 2: Harmonised Standard for access to radio spectrum for nonspecific radio equipment'

Zwolle, June 27, 2023  
Zehnder Group Zwolle B.V.

H.J. de Wilde  
Director Production Business Unit Zwolle

**Variant list:**

The Flex R2.1 is the update of the Flex (R1)  
The following items has been changed/added

- Changed supply cable
- Double dry siphon
- Updated Firmware
- ePM1 Filter
- Small changes in metal housing
- International roll out (with) documentation:  
ZGUK ZGCH and prepared for ZGSI

The units do not maintain a preheater yet, but a preheater  
can be installed afterwards.  
ZGSI is responsible for validating (or having validated) whether the CA  
Flex R2.1 is suitable for launch on continents other than the EU.

471234370	10021335	ComfoAir Flex 250 HRV BE
471234400	10021342	ComfoAir Flex 350 HRV BE
471234350	10021331	ComfoAir Flex 250 HRV IT
471234380	10021340	ComfoAir Flex 350 HRV IT
471234360	10021332	ComfoAir Flex 250 HRV ES
471234390	10021341	ComfoAir Flex 350 HRV ES
471234190	10020052	ComfoAir Flex 250 HRV ZGSI
471234205	10020054	ComfoAir Flex 350 HRV ZGSI
471234220	10020056	ComfoAir Flex 250 HRV ZGUK
471234250	10020059	ComfoAir Flex 350 HRV ZGUK
471234200	10020053	ComfoAir Flex 250 HRV ZGCH
471234290	10020063	ComfoAir Flex 350 HRV ZGCH
471234280	10020062	ComfoAir Flex 350 HRV RF ZGFR

**Legend for naming convention:**

HRV    Heat recovery