

EU Declaration of conformity



Doc no.1520

according to the Directive 2014/30/EU and Directive 2014/35/EU, Annex IV.

Apparatus	SCU-UV air disinfection system in ventilation ducts
Type	SCU-UV
Manufacturer	Klimaoprema d.d. Croatia, Samobor, Gradna 78A
Intended use	In-duct UVGI device for air disinfection by UV lamps mounted in HVAC systems

It is expressly declared that apparatus fulfils all relevant provisions of the following EU legislations:

Directive 2014/30/EU	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
Directive 2014/35/EU	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

Evaluation report by NB 2494, certificate EMC 80200044 and LVD 80200043 valid to 29.11.2023.

Compliance of apparatus with the essential requirements of harmonised standards:

EN 61326-1:2013	Electrical equipment for measurement, control and laboratory use -- EMC requirements -- Part 1: General requirements
EN IEC 61000-6-2:2019	Electromagnetic compatibility (EMC) -- Part 6-2: Generic standards -- Immunity standard for industrial environments
EN IEC 61000-6-4:2019	Electromagnetic compatibility (EMC) -- Part 6-4: Generic standards -- Emission standard for industrial environments
EN IEC 61000-3-2:2019	Electromagnetic compatibility (EMC) -- Part 3-2: Limits -- Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3:2013+A1:2019	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 61010-1:2010	Safety requirements for electrical equipment for measurement, control, and laboratory use -- Part 1: General requirements
EN 62311:2008	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz)

Measuring of non-coherent optical radiation by accredited testing laboratory, HAA 1086.

Test report No.2020110558 from 05.11.2020. in compliance with :

EN ISO 15858:2016	UV-C Devices -- Safety information -- Permissible human exposure (point 4.4.2)
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Test of inactivation capacity and disinfection performance of in-duct UVGI apparatus conducted by Teaching Institute of Public Health „Dr. Andrija Štampar“ - Division of microbiological analysis of food, general use items and environmental samples. Analysis report no. 05206-2 00090/20 from 07.12.2020. in compliance with:

EN ISO 15714:2019	Method of evaluating the UV dose to airborne microorganisms transiting in-duct ultraviolet germicidal irradiation devices
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Device is tested and classified in air tightness class C, in compliance with:

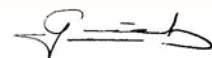
EN 15727:2010	Ventilation for buildings-Ducts and ductwork components, leakage classification and testing
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This Declaration of conformity is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Sergio Galošić mag.mech.eng.

2 klimaoprema d.d.
za projektiranje, proizvodnju, postavljanje,
popravak i održavanje opreme za klimatizaciju
10430 SAMOBOR, GRADNA 78/A



Samobor, 07.12.2020.