

Declaration of conformity

According to the
EMC Directive 89/336/EEC with amendment 92/31/EEC,
Low Voltage Directive 2006/95/EC and
CE Marking Directive 93/68/EEC

Type of equipment

Ozone Generator

Brand name or trade mark

Diamond air

**Type designation(s)/Model no(s)**

AZ-150-1 Diamond air ECO 150
AZ-200-2 Diamond air ECO 200
AZ-250-3 Diamond air ECO 250
AZ-315-5 Diamond air ECO 315
AZ-355-8 Diamond air ECO 355
AZ-400-10 Diamond air ECO 400

**Manufacturer's name, address**

Diamond solutions B.V.
Weegschaalstraat 3
5632 CW Eindhoven
The Netherlands

The following standards and/or technical specifications, which comply with good engineering practice in safety matters in force within the EEA, have been applied:

RF emission tests:

- Ea) AC/DC supply interference voltage according to EN 55014-1
- Eb) I/O line interference voltage according to EN 55014-1
- Ec) Radiated EM fields, EN 55014-1, by using an EM-clamp/ CDNs
- Ed) Mains harmonic emission, EN 61000-3-2

Immunity tests:

- Ia) ESD (air discharge, EN 61000-4-2), acc. EN 55014-2
- ESD (contact discharge, EN 61000-4-2), acc. EN 55014-2
- Ib) EFT (burst, EN 61000-4-4), acc. EN 55014-2
- Ic) Surge (EN 61000-5-4), acc. EN 55014-2
- Id/e) Conducted/ radiated EM fields EN 61000-4-3/6, acc. EN 55014-2
- If) Mains interrupts: EN 61000-4-11, acc. EN 55014-2

Electrical Safety:

- Sa) Bonding resistance, acc. EN 60355,
- Sb) Insulation resistance, acc. EN 60355
- Sc) Voltage withstand capabilities, acc. EN 60355
- Sd) Leakage current, acc. EN 60355
- Se) Power consumption: , acc. EN 60355

Note: Clause 32, Radiation, Toxicity and similar hazards is not tested. (air cleaner can produce a too high concentration of ozone-gas).

As manufacturer/the manufacturer's authorized representative established within EEA, we declare under our sole responsibility that the equipment follows the provisions of the Directives stated above.

Date and place of issue

Signature of authorized person

01-02-2018, Eindhoven

Director: N. Bakermans