

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



Diamond Air

Type of equipment

Ozone Generator

Brand name or trade mark

Diamond air

Type designation(s)/Model no(s)

Diamond-160, Diamond-200, Diamond-250, Diamond-315, Diamond-355

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

10-01-2015, Eindhoven

Signature of authorized person

Director: N. Bakermans