

EKOion

Units for garbage and waste rooms

EKOion has developed ionization equipment that effectively ionises and purifies indoor air.

With a corona discharge, the electron tube releases electrons that ionize the surrounding air's oxygen molecules so that they become negatively charged oxygen ions. The number of oxygen ions varies according to the length, voltage and air velocity of the tube over the tube.

With our products you purify the air from particles, bacteria and viruses and neutralize odors, while also contributing to your well-being you also have the opportunity to lower your energy costs.

With EKOion's products, we clean the air in the room, without having to replace it with cold outdoor air. With our technology, the need for over-ventilation disappears.



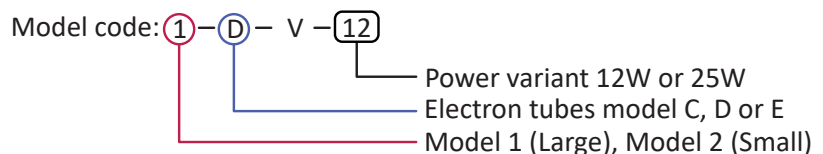
Model: 1-D-V-12

EKOion's unit for garbage and waste rooms is a stand-alone ionisation unit suitable for heavily polluted environments. The unit can be delivered with either C, D or E pipes. Suitable for rooms of size 4-30m². Let the installer know your room size before ordering. The unit is also suitable for decontamination of spaces with strong odors, for example smoke-damaged spaces or for keeping mold growth down in basement spaces, crawl spaces and other exposed surfaces.

The unit is installed on a wall, ceiling or placed independently where ionization is desired. The unit is easy to install as it only requires a 230V electrical outlet to be commissioned.

The ionisation units are sold with a one-year operating guarantee. To maintain guaranteed function, the electron tube should be replaced after approx. 8500 operating hours or at most after two years. When replacing ionization pipes, it is also recommended to clean the supplied filter located in front of the fan.

EKOion's electron tubes are 100% recyclable. When ordering new pipes as spare parts, the replaced pipes are advantageously sent back to EKOion, which sorts and recycles. Feel free to ask your seller for a return shipping slip.



Model: 2-C-V-12

| Model | EKOions classification |
|----------|------------------------|
| 1-D-V-12 | ZERO |
| 1-D-V-25 | LOW |
| 1-E-V-12 | ZERO |
| 1-E-V-25 | LOW |
| 2-C-V-12 | ZERO |
| 2-C-V-25 | LOW |

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Installation

01

The unit can be installed on a wall, ceiling or placed where ionization is desired.

02!

Never work with voltage on.

03

For wall or ceiling mounting, set up the unit with four screws in the pre-drilled holes.

04

Insert the plug into a nearby electrical outlet.

05

Check that the indicator light is on on the transformer.

Replacement of ionization pipes

01!

Never work with voltage on.

02

Unscrew the four screws on the long sides of the unit. Then lift off the protective cover.

03

Unscrew the electron tube from the transformer. (see picture 1)

04

Screw in the new electron tube in the transformer.

05

Check that the ground plate has good contact with the outer mesh of the electron tube. (see picture 2)

06

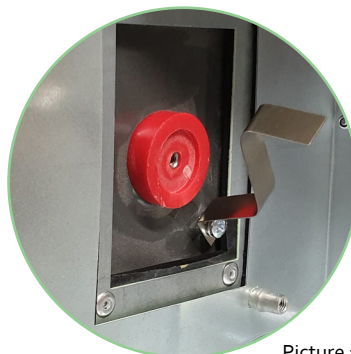
Replace the protective cover, then screw back the four screws on the long sides of the cover.

07

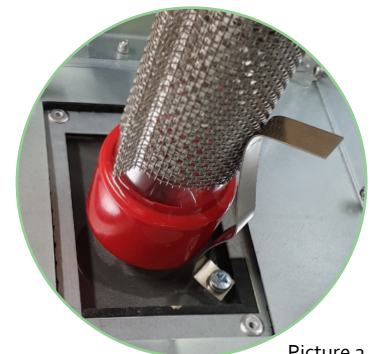
Insert the plug into the socket.

08

Check that the indicator light is on on the transformer.



Picture 1



Picture 2