

A device for ionization of gaseous environment contains a housing from dielectric material, in which a fan connected to a drive, a source of high voltage, a diffuser and corona electrodes are located. In the housing, on sucking side of fan, a dust separator is additionally mounted, this is connected to the source of high voltage. The dust separator includes a unit of corona electrodes in the form of grounded metallic plates, between which the corona electrodes are passed, made, e.g. from wire conductors, and the dust precipitant unit made from the plates located in parallel relative to each other and connected alternately to the opposite poles of the source of high voltage. Additional diffuser and ionizing electrodes are mounted on the pressuring side of fan. Diffuser and additional diffuser consist of plates located perpendicularly to each other and installed in the diffuser as convergent in fan-shaped manner, and in the additional diffuser – as divergent in fan-shaped manner.