s 2021 0071

The invention relates to devices intended for continuous air disinfection by physical methods that are harmless to humans and can be used for air disinfection in medical, secondary and higher educational institutions, public institutions, etc.

Summary of the invention consists in that the device comprises a removable stainless steel housing and consisting of an outer part (1) and an inner part (2), which contains an inlet window ( $2^1$ ) and an outlet window ( $2^2$ ). It also comprises an air treatment module (3), which consists of an air channel ( $3^1$ ) with a removable cover, in the central part of the channel (31) being made a mechanical support, a mechanical removable support, placed along the longitudinal axis of the air channel ( $3^1$ ), by means of which are placed and fixed bactericidal UV(C) lamps (7), and on the removable mechanical support are made fixing elements in the form of lamellae, placed at a distance from each other, with the possibility of placing at least one UV(C) lamp (7); a ventilation module (4), which contains an assembly with sliding elements for installing a fan inside the device; a filter module (5), consisting of a filter element; a power supply module (6); a working time accounting module (8) for monitoring the actual working time and an electronic ballast module (9) for converting direct current into alternating current.

Claims: 2 Fig.: 17

