



BACTERICIDAL IRRADIATOR RECIRCULATOR



«Novotekh-ECO» LLC
Vologda • 2020

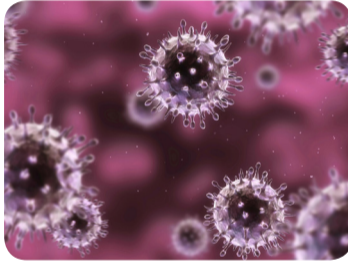
HUMAN HEALTH GREATLY DEPENDS ON THE AIR PURITY



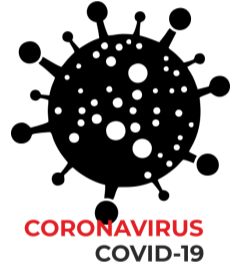
BACTERIA



VIRUSES



EPIDEMICS



Nowadays people spend a lot of time in crowded places where the ambient air contains a significant amount of pathogenic bacteria, viruses and other infectious agents. In order to fight them, special devices are required.

Due to the **COVID-19 pandemic**, regions and whole countries are on lockdown. The need for disinfection systems has increased greatly.

WE HAVE A SOLUTION!



ONE OF THE SIMPLEST AND MOST EFFECTIVE METHODS OF AIR DISINFECTION IN PUBLIC SPACES IS THE USE OF BACTERICIDAL IRRADIATORS-RECIRCULATORS.



These devices are used in healthcare facilities, hospitals, polyclinics, pharmacies, as well as in other public spaces and administrative buildings in the light of recent events.

Bactericidal irradiator-recirculators produced by the Russian company «Novotekh-ECO» will allow to disinfect the air in your office or factory facility.

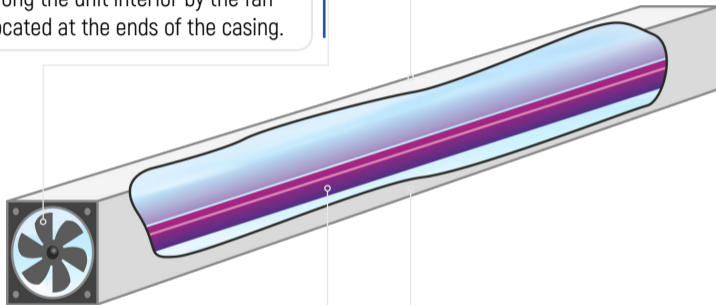
OPERATING PRINCIPLE:



The air is pumped along the unit interior by the fan through the vents located at the ends of the casing.

The recirculator casing forms an irradiation chamber in which bactericidal lamps are installed.

Air



Disinfected air

Air is disinfected by being pumped along low-pressure bactericidal lamps.

The unit design ensures the protection of people in the room from UV radiation.

PRODUCT LINE



Model: **ECO-1A15** **ECO-2A15** **ECO-1A30** **ECO-2A30** **ECO-1A55** **ECO-2A55** **ECO-1A75** **ECO-2A75**

Recommended
disinfection area*,
m² up to 15 up to 34 up to 50 up to 75 up to 65 up to 90 up to 115 up to 160

Power
consumption, W 35 50 50 80 90 145 125 200

* - for spaces of category IV with ceiling height 2.5 m

ADVANTAGES OF OUR EQUIPMENT



FAQ



How long does disinfection take?

Small rooms are treated 40-60 minutes a day. In crowded places and under unfavorable epidemiologic conditions it is recommended to repeat the disinfection procedure every three hours.

Is it possible to use the device in front of people?

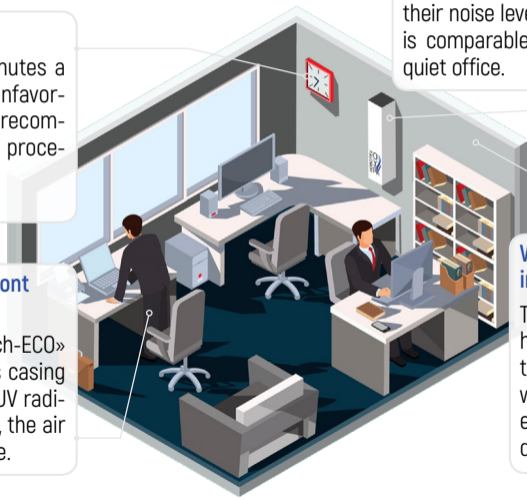
The irradiator-recirculator «Novotech-ECO» is safe for humans and animals. Its casing contains light traps which prevent UV radiation yield into the room. Therefore, the air can be disinfected in front of people.

Are the devices noisy?

Radiators-recirculators by «Novotech-ECO» are not louder than regular office noises – their noise level does not exceed 40 dB. This is comparable to a soft conversation in a quiet office.

What is the best place to install a recirculator?

The irradiator is to be placed horizontally or vertically on the wall near heating systems, window and door apertures to ensure easy air intake and discharge.



FAQ



Is one device enough for the whole production facility?

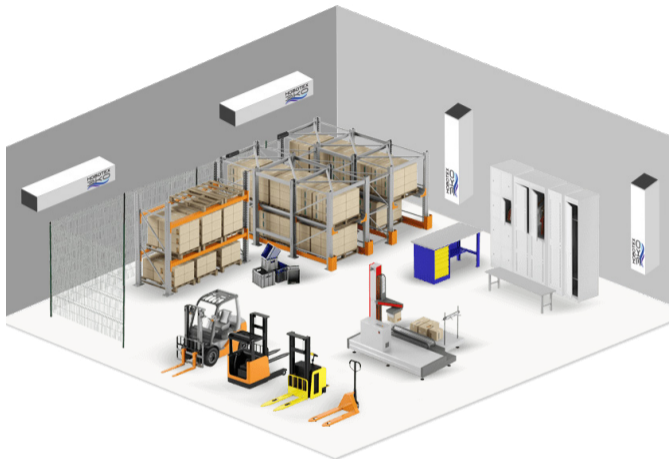
It is recommended to install several recirculators in large rooms and facilities. It is easy to determine their optimum quantity, knowing the volume of the room and the device capacity.

How to choose the right recirculator model?

In order to choose the appropriate irradiator-recirculator, it is necessary to take into consideration not only the volume of the room, but also its type. The requirements for air treatment and disinfection vary for different room types.

When is it better to use the device?

It is recommended to turn on the recirculator in the morning and turn it off in the evening at the end of the working day in crowded rooms with high traffic such as offices, shopping malls, kindergartens, schools, administrative buildings, etc.



THANK YOU

Find out more
on the website:



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