

FagronLab™ UVGI-80

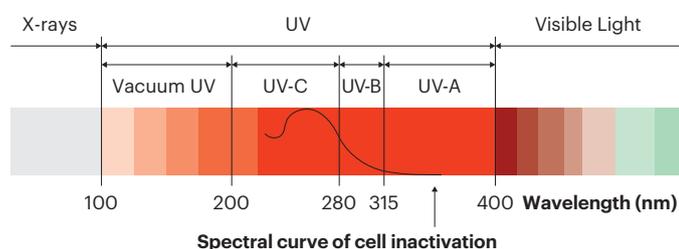
UV Air Steriliser (mobile)

FagronLab™ UVGI-80 UV Air Steriliser (mobile)

Keep your patients and staff safe from airborne organisms and prevent costly shutdowns for deep cleaning after possible contamination.

It is suitable for dynamic indoor air disinfection in hospitals, doctors' consulting rooms, pharmacies, waiting rooms and pharmaceutical factories.

- Illuminated boat switch, one button to turn on and off
- Manually-controlled disinfection operation
- Quick disassembly shell, convenient for daily cleaning and maintenance, and circulating air with silent fan
- Using long-life, C-band (wavelength 253.7nm) ozone-free UV improves microbial air safety against viruses, bacteria and fungi
- Silent swivel casters, easy to move
- The unique design, with side air inlet and front air outlet, permits wall placement and thus efficient utilisation of space.



What size room can be disinfected?

The applicable room space for one device is 80m³. That means approximately 30m² (e.g. 5m×6m) with 2.70m height, to reach 10 circulations per hour.

How long does it need to disinfect the room?

The device continuously disinfects the air passing through the UVC lamps. The circulating air can reach 800m³/h, which means that the air in an 80m³ room passes through the device 10 times per hour. The time of disinfection can vary according to disinfection or cleaning plan, considering contamination load, human circulation and room size.

If I have a bigger room, how should the device be operated?

The UVGI-80 is designed to perform a full cleanse of rooms with 80m³. The disinfection of bigger spaces must be evaluated individually, considering the increased size and other parameters. For example, if you have a 100m³ room, with low human circulation, a longer operation cycle or positioning the device in different corners of the room during disinfection might be enough to perform a full cleanse. Depending on the size of the room, human circulation or contamination load, more than one device may be needed.

Why should I choose the Fagron UVGI-80 over other products?

Currently, the machine should not be compared with other home appliances that might be effective. The device should be evaluated according to key criteria:

- Air circulation volume (800m³/h);
- 10 circulations per hour for every 80m³;
- 5 UVC disinfecting lamps;
- Test reports available.

The Fagron UVGI-80 is designed specifically for professional use, and the performance is tested and guaranteed for this purpose.

What kind of installation is required?

There's no need for technical installation. Just plug it in, and turn it on, and relax knowing that the airborne microorganisms are being deactivated.

Test results for FagronLab UVGI-80

Test with Staphylococcus Albus

The steriliser has an effect of 99.90%, 99.92%, and 99.90% respectively in terms of the disinfection rate of staphylococcus albus, after 60 minutes of operation.

Test on airborne microorganisms

The second test confirmed that the steriliser has an effect of 90.42%, 90.56%, and 92.17% respectively in terms of decay of airborne microorganisms, after 120 minutes of operation.

Works well with the Fagron RVC-1 robot (vacuum, mop and steriliser).

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