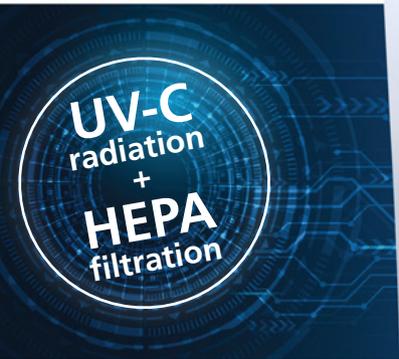
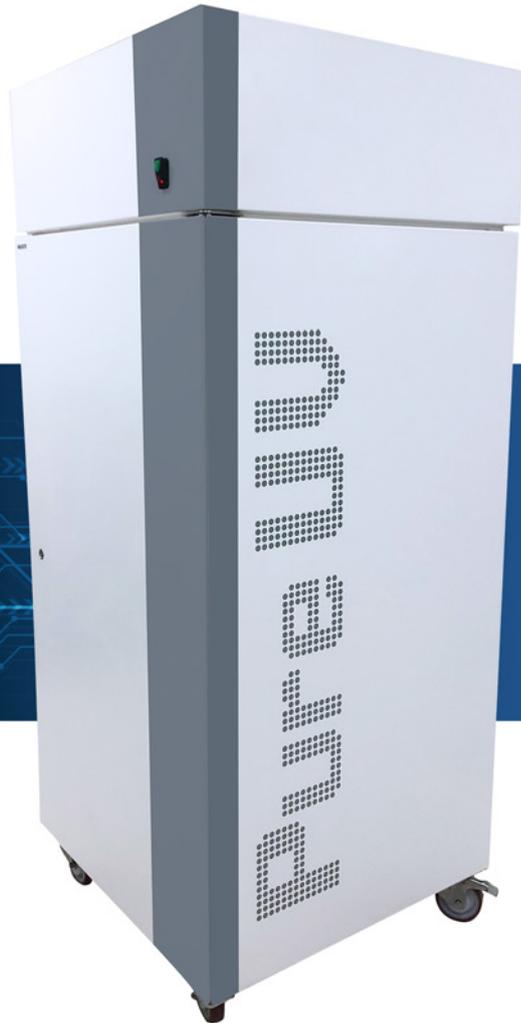


**BLOCK<sup>®</sup>**  
Isolator Technology



**BLOCK<sup>®</sup> Pure UV**  
Air and Surface Disinfectant  
UV-C radiation + HEPA filtration

# A HIGHLY EFFICIENT METHOD OF AIR AND SURFACE DECONTAMINATION – A COMBINATION OF UV-C RADIATION AND HEPA FILTRATION

The BLOCK® Pure UV Disinfector ensures biological decontamination of spaces and is rooted in a combination of **HEPA filtration** and efficient **UV-C lamps**; the UV radiation effectively destroys microorganisms (bacteria, yeasts and viruses including SARS-CoV-2). UV radiation disrupts the DNA/RNA of microorganisms thereby exterminating them. The disinfector also eliminates allergens. It is a unique product in Europe – combining UV-C radiation with HEPA filtration, which was microbiologically tested in the Institute of Microbiology of the Czech Academy of Sciences in Prague.

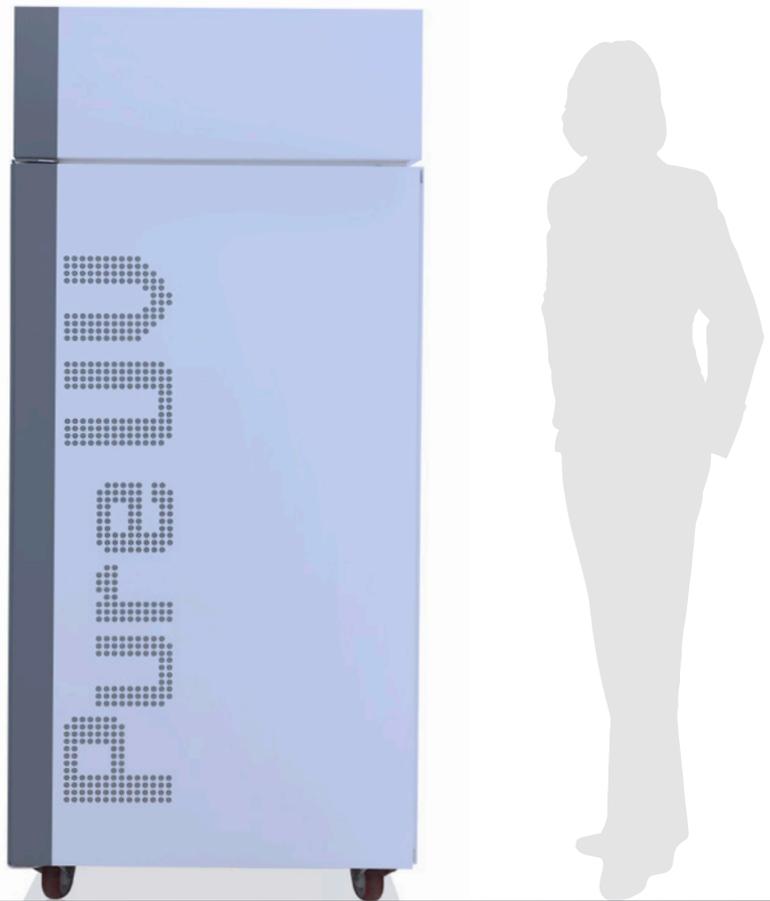
The device operates in two working modes:

## DAY MODE Air Disinfection

Air disinfection in a room  
in the presence of personnel.

## NIGHT MODE Surfaces Disinfection

Surfaces disinfection in a room  
in the absence of personnel.



## ADVANTAGES

- Captures all impurities from the air with a 99.99 % efficiency rate
- Infinitely better compared to simple UV lamps
- Long HEPA filter life
- Long operation life
- Minimum maintenance requirements
- Cleans surfaces for you at night
- Mobile device - ability to move among rooms
- Easy operation

## INTENDED FOR

- Hospitals
- Waiting rooms, Consulting rooms
- Locations with heavy human traffic
- Company canteens
- Changing rooms
- Offices, conference rooms
- Retirement homes
- Schools and kindergartens



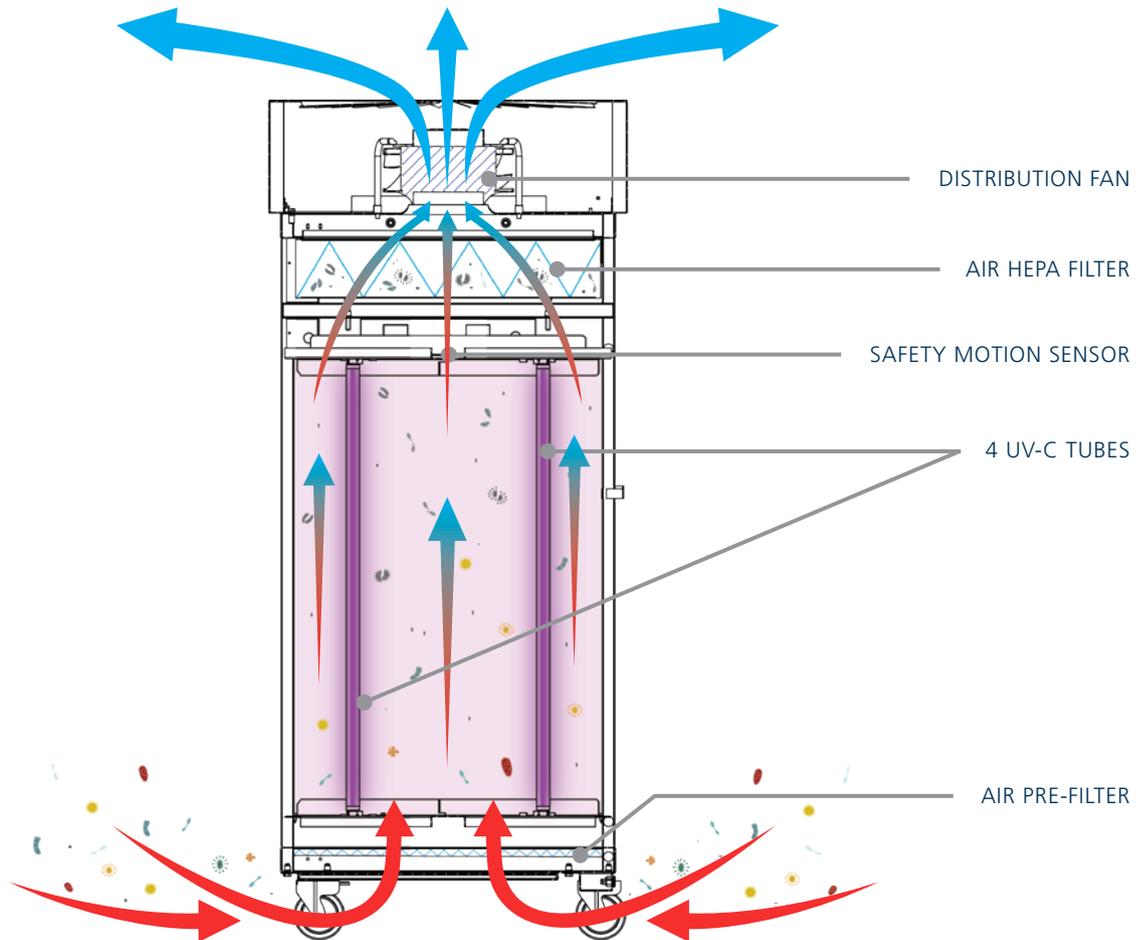
## DAY MODE ☀️ Air Disinfection

- The disinfecter circulates the air in a room.
- The disinfecter is shut down and the air is sucked from the room along the ultraviolet (UV-C) fluorescent tubes.
- Microorganisms inside the disinfecter are exposed to strong UV-C radiation for a period of 2 seconds, killing the majority of them.
- The air is filtered with a high-capacity HEPA filter at the disinfecter outlet capturing all particles from the air with a 99.99 % efficiency level (i.e. dead and surviving microorganisms are removed from the atmosphere).
- This combination of UV radiation and HEPA filtration achieves near perfect removal of microorganisms from the air.



AIR OUTPUT OF  
**900m<sup>3</sup>/h**

CAPTURING **99,99%** OF IMPURITIES



Captures viruses and bacteria and also effectively kills them.

## NIGHT MODE

### Surfaces Disinfection

- The disinfectant is open and the fan is switched off.
- The disinfectant is placed near the surfaces that are most exposed and disinfects them with UV-C radiation within the pre-programmed time period.
- A safety motion sensor completely shuts down the apparatus if anyone enters the radiated space.\*
- \*UV-C radiation is harmful to all living organisms, therefore, rooms must be vacated when Night Mode is in operation. Certain materials are not resistant to UV radiation over the long term.



UV-C TUBES  
4 x 55 W



Cleans the air and also the surfaces.

## DESIGN

The basic model of the disinfectant dispenser can be provided with decals. You can choose from four of our decal graphics, or choose a decal of your own design, our graphic designers will be happy to help you to process it. This design element makes the disinfectant dispenser an extraordinary part of the interior.



Basic design



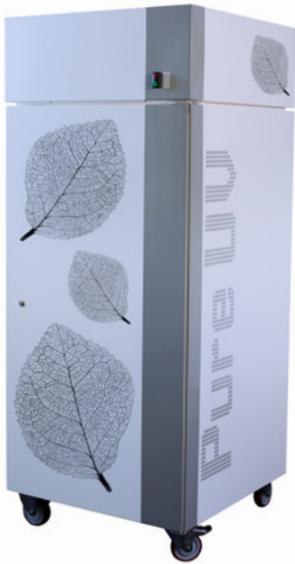
Tree design\*



City design\*

\*a decal for extra charge

The delivery of a disinfectant also includes a label that can be placed on the disinfectant for a safer feeling of your customers and employees.



Nature design\*



Animals design\*



Your own design  
(photography, vector  
graphics)\*

## TECHNICAL PARAMETERS

<b>BLOCK® Pure UV</b>	<b>Model S900</b>
Dimensions in mm (W x H x D)	722 x 1746 x 722
Material	Steel sheet with powder coated surface
Recommended air output	900 m <sup>3</sup> /h
Minimum air output	300 m <sup>3</sup> /h
Maximum air output	2500 m <sup>3</sup> /h
Installed power input	970 W
Max. working power input	760 W
Operating voltage	230 V
Noise	49 dB(A) with recommended air output 900 m <sup>3</sup> /h
Filters	Air HEPA filter, Air pre-filter, UV-C radiation
Functions	Timer, Power control, Day mode, Night mode, UV-C sterilization lamp
UV-C tubes	4 x 55 W
Operation	Possibility of operation 24/7
Socket type	E, F
Recommended room size	up to 670 m <sup>2</sup> (according to power control and ceiling height)



Power control



Electronic timer



UV-C sterilization lamp  
OSRAM



Safety motion sensor



FOR YOUR

Fire

& SAFE LIFE



# *Creating conditions*

BLOCK® Pure UV  
Microbiologically tested in Institute of Microbiology of the CAS, v. v. i., Prague



[www.blocktechnology.eu](http://www.blocktechnology.eu)