

# b-pure

Indoor Purification

Air filtration and purification system



**bio**  
PHARMAX

CE

# Protect your vicinity

- Classrooms
- Stores
- Nursing home
- Conference rooms
- Restaurants
- Clinics
- Hotels
- Banks



**Pathogen removal  
High efficiency particle  
filtration Safe, portable  
and easy to use.**

A combination of several proven and breakthrough technologies provides high level filtration and air disinfection. Unit suitable for hospitals, nursing homes, gyms, banks, classrooms, restaurants and other public in-door spaces.

**Regular air circulation  
through the systems  
disinfects the room air  
within a few hours.**



Pathogen removal



High efficiency  
particle filtration



Safe



Portable



Easy to use



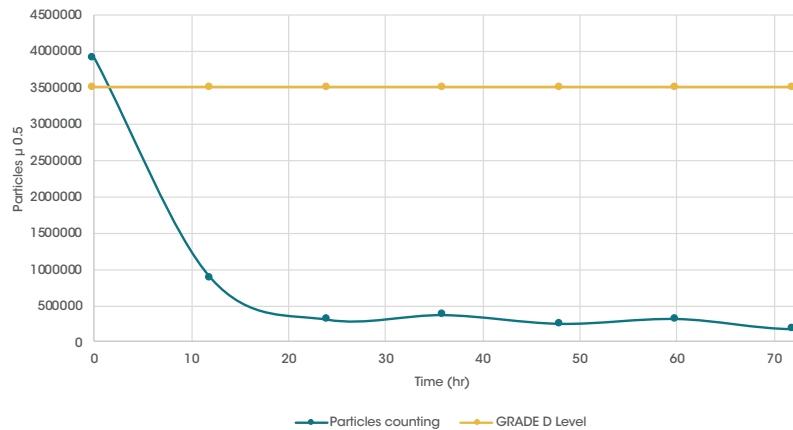
Pathogens originating from one patient can easily spread to new patients present in the same space through contact, droplet, or airborne transmission.

Objects that are subject to frequent contact by humans, such as medical equipment, bed rails, door handles, toilet accessories and countertops are a virus spreading medium.

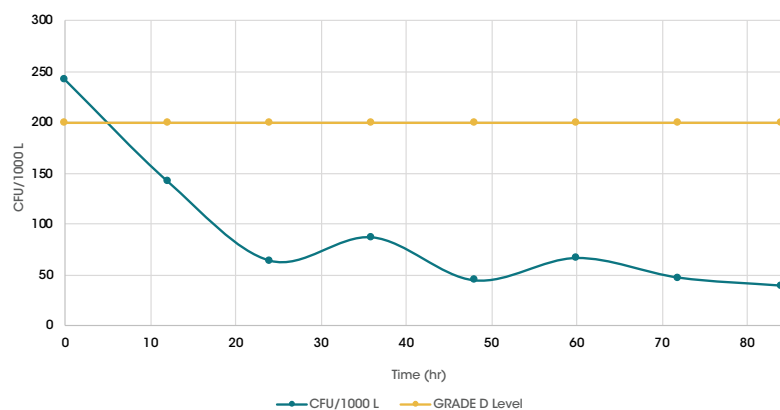
Central air conditioning systems continuously circulate and spread virus and bacteria throughout the building space

Particels test 0.5  $\mu$  -in 170 sq.m room. Room cleanliness level reaches ISO-8 (Grade D Level) almost immediatly with system start-up.

Particels test - 0.5 $\mu$  in room (170 sq.m)



Microbial Count Test in Room (170 sq.m)



- The b-pure system has been tested for the effectiveness of virus destruction in OFI transit camps in Austria,
- **The bactericidal efficiency obtained 91.7% in one pass**



# How the unit works

## UV-C bulbs

Powerful UV-C bulbs neutralize virus and other pathogens by damaging their DNA.

## Carbon filtration

Absorbs and traps pollutants and gases. Also effective for odor treatment.

## ULPA/HEPA Final Filtration

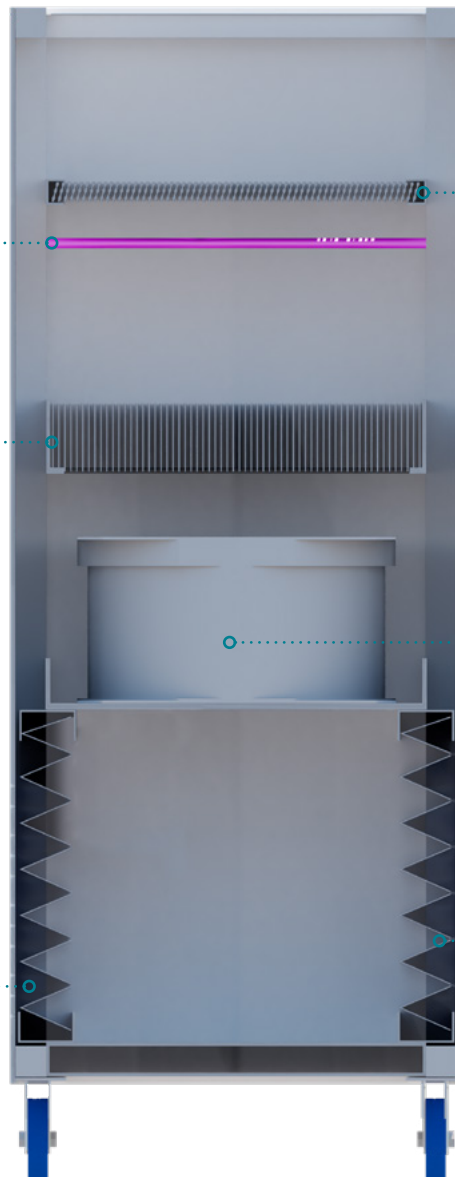
Filter traps particles up to 0.12 microns and larger in diameter.

## Blower

## Initial filtration

Filter captures and removes particles from the air.

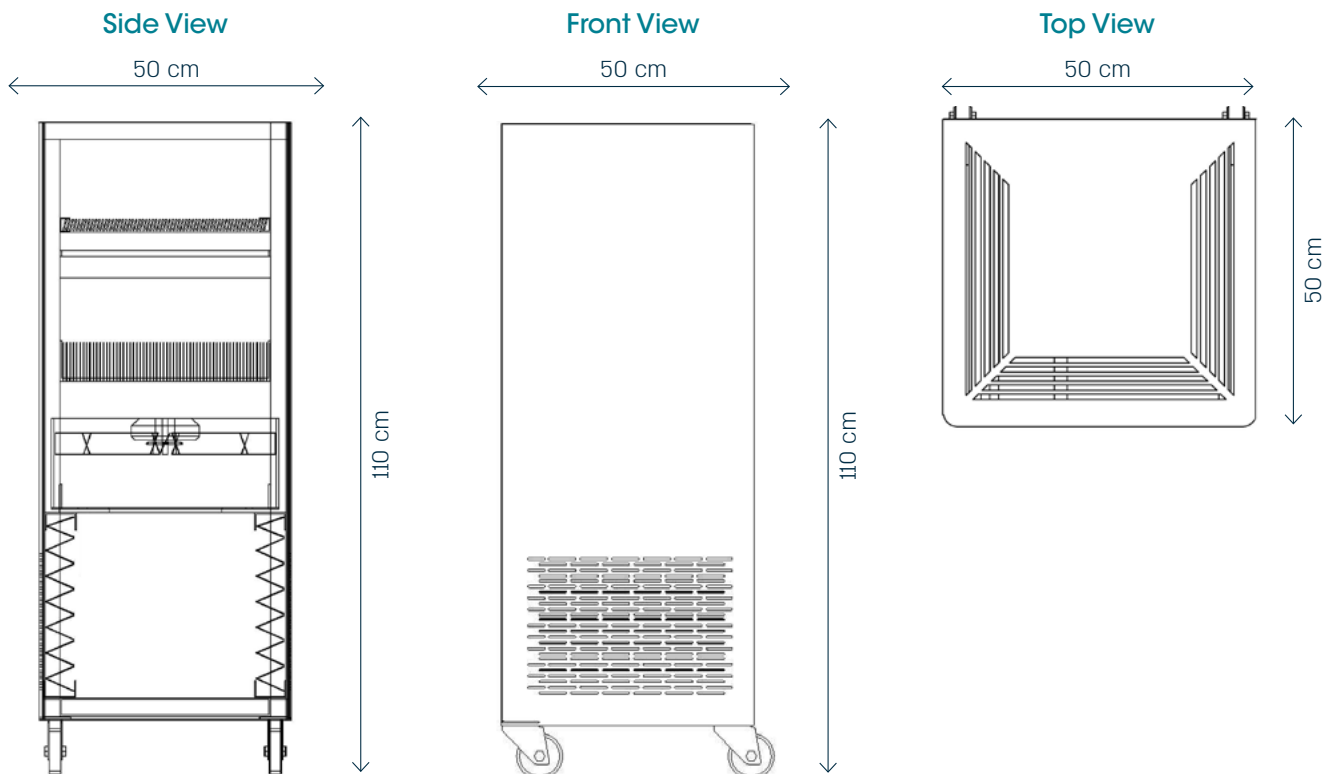
Unit made of galvanized painted steel



# Technical Specifications

Airflow .....	adjustable up to 500m <sup>3</sup> /h
Arrestance .....	0.1 μm
Filtration efficiency.....	99.9995%
UV Wave length .....	254 nm
Dimensions(length width height).....	50X50X100cm
Weight.....	53 Kg
Frame .....	Galvanized painted steel
Fixture .....	Mobile unit
Noise level.....	<65 dBa
Voltage.....	1Ph/230V/50HZ
Active temp range .....	5÷60 °C
Use area.....	Indoor

US patent pending





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