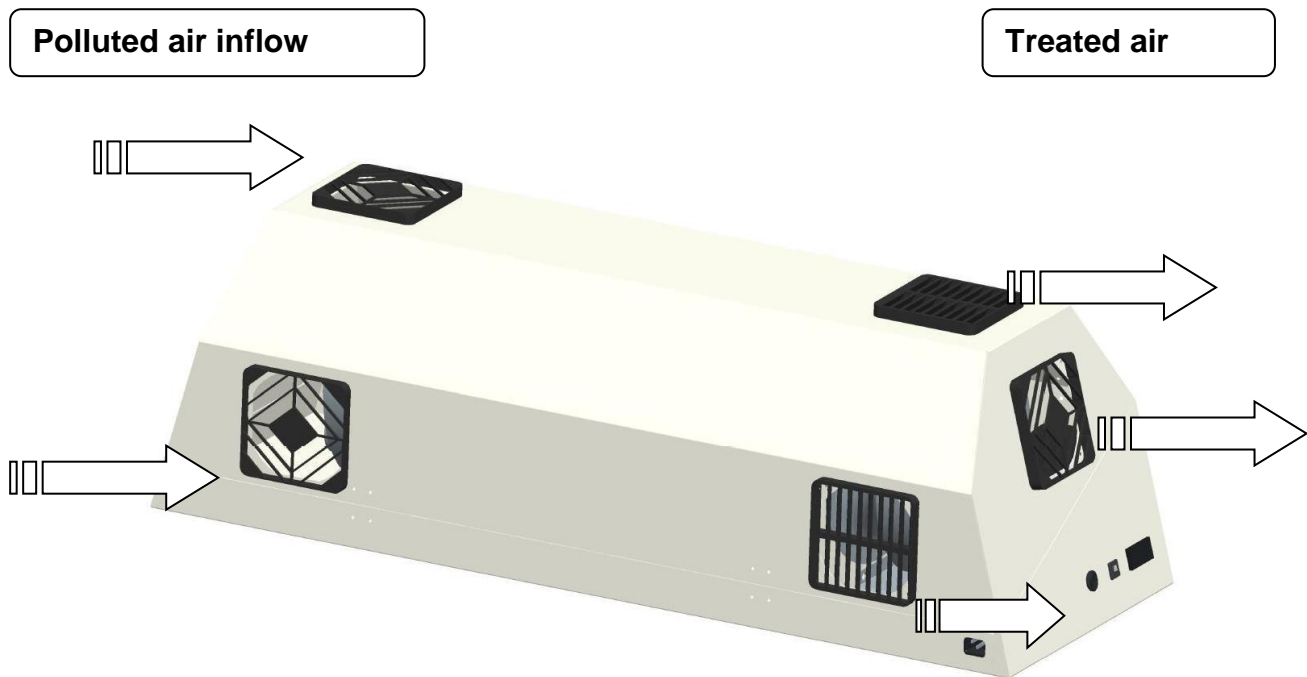


### PRESENTATION :

HEGOA 500 is a system for air purification and deodorisation by 3 active technology filtration + ultraviolet + photocatalysis.

HEGOA 500 must be positioned horizontally : air aspiration on the right side, air rejection on left side :



The installation of the system must be made rather halfway up by the room and in the closest to the source of contamination

Remarks :

- Never expose directly to UVc beams at the risk of undergoing grave burns.
- Never open or move the device in functioning
- Always disconnect the device before any manipulation.
- Do not leave fingerprints on the lamp, if so proceed to the cleaning with a soft tissue and of a product for windows alcoholised.
- Do not cover, not hamper the airflow

### SECURITY

- ❖ **Do not operate the UV-C emitter when it is removed from the enclosure of the device**
- ❖ **Never expose your eyes directly to UV-C**
  
- ❖ This device is not intended for use by persons (including children) with reduced physical, sensory or mental capacities, or by persons without experience or knowledge, unless they have benefited from it, by the intermediary of a person responsible for their safety, surveillance or prior instructions concerning the use of the device.
- ❖ This device contains a **UV-C lamp, it contains mercury be careful when handling.**
- ❖ Unintended use of the device or damage to its casing may cause leakage of dangerous UV-C radiation. UV-C radiation, even in small doses, can be harmful to the eyes and skin.
- ❖ Devices which are obviously damaged must not be put into operation.
- ❖ Never open or move the device in operation.
- ❖ To prevent any electrical risk, it is essential to disconnect the device from the electrical supply before any manipulation, even to simply move the device.
- ❖ Do not leave fingerprints on the lamp, or clean the lamp off with a soft cloth and alcoholic glass cleaner.
- ❖ Upstream electrical protection is essential if it does not already exist.
- ❖ This device is intended for use inside rooms, premises, closed rooms and which may not be subject to intrusions from the outside.
- ❖ When choosing where to place the appliance, make sure that nothing can cover or obstruct the air flow.
- ❖ In normal operation, the lamp heats up and can cause burns by contact.

The UVc lamp contains mercury vapors.

- It is essential to keep the lamp in its housing during installation or when the device cover is open.
- It is imperative to replace the filter sleeves if those have been pierced or torn during installation.
- In the event of a UV lamp breakage, the room must be ventilated sufficiently to evacuate traces of mercury vapor. Do not use a vacuum cleaner to clean up debris as this can help spread mercury vapors throughout the room in addition to contaminating the vacuum cleaner.

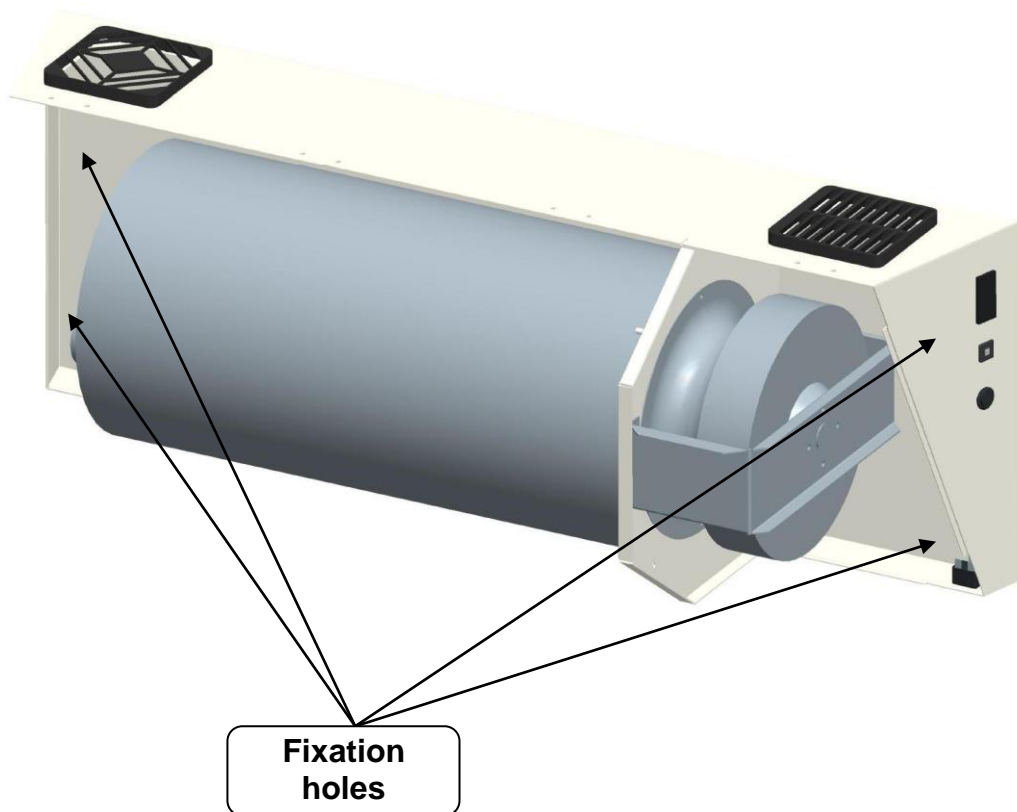
**Only a professional can take care of the installation and maintenance of the device**

### TECHNICAL DATA

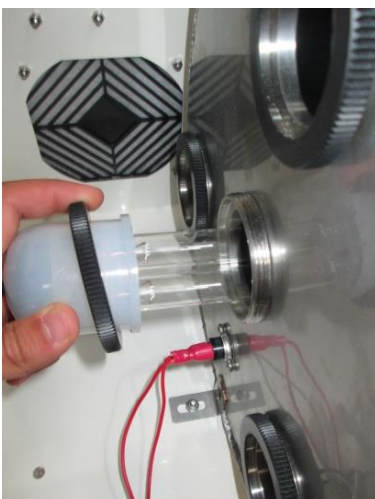
DESCRIPTION	HEGOA 500
Weight	25Kg
Dimensions	1050x410x350
<b>Ventilation</b>	
Type	Aspiration
Average flow rate at speed 1	500 m <sup>3</sup> /h
Noise (at 1m) speed 1	56 dB
<b>Power</b>	
Ballast	Electronic
Power consumption	620 Wh
Fuse	6A resettable fuse
Power supply	220-230V AC-50Hz
<b>UVc Lamp</b>	
Number of lamps	4
Lamp reference	18LMCR55W
Germicidal power	17 W UVc
Lamp life time	9000 hours

### INSTALLATION

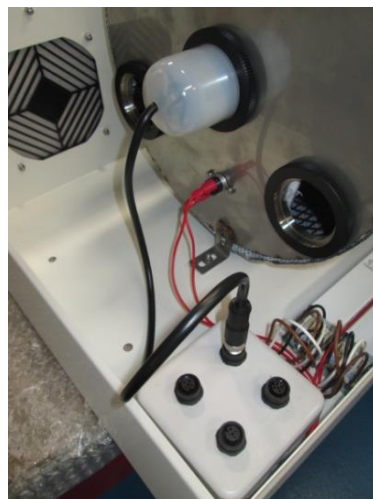
1. Put lamps inside the reactor (picture 1)
2. Cable lamps on power supply (picture 2)
3. Select a location near a power source
4. Screw the back side of the Hegoa 500 to a solid wall (please check weight if needed)
5. Screw the module cover



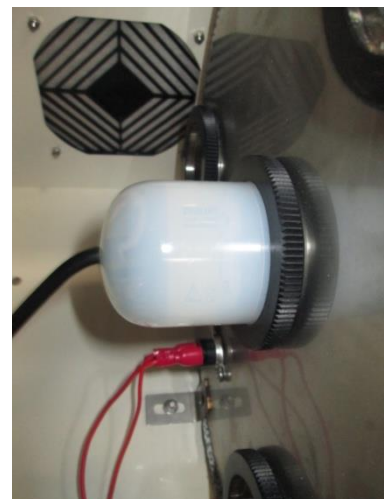
**Picture 1**



**Picture 2**



**Picture 3**



### MAINTENANCE INSTRUCTIONS



The germicidal power of the UV lamps decreases from 9000 hours of operation, it is therefore imperative to replace the lamp, exceeding this time may cause a bacterial risk.

- Replace the **G2 filter** (if dirty)
- Change the **TiO<sub>2</sub>/activated carbon filter and G2 filter** once a year.
- Replace the UV lamp after 9000 hours of operation

**G2 Filter**



**Internal TiO<sub>2</sub>/activated carbon filter**



**External TiO<sub>2</sub>/activated carbon**



### Troubleshooting :

For any malfunction, proceed as follows :

- Check the general condition of the device (search for traces of shock or intrusion of objects)
- Check the condition of the power cable (search for cuts, burns or other) and check the connection.
- Check the protection of the electrical line in the building cabinet, reset the device circuit breaker

The possible failures concern 2 parts of the device:

- The fan
- The UVc lamp. Its condition is visible through the fan or through the white cup.

Troubleshooting	Causes	Solutions
Nothing works	No supply	Check the plug and the power cord
	Heating safety device activated	Switch off the unit, let it cool down and keep it away from any heat source
	Fuse holder unscrewed	Tighten the outer part of the fuse holder with a screwdriver
UV lamp doesn't light	Defective lamp connection	Check the connection of the lamp
	Defective lamp	Check the lamp wires connected to the ballast
	Defective ballast	Replace the electronic ballast

**If the lamp is broken or at the end of its life, you must take it to a recycling company**

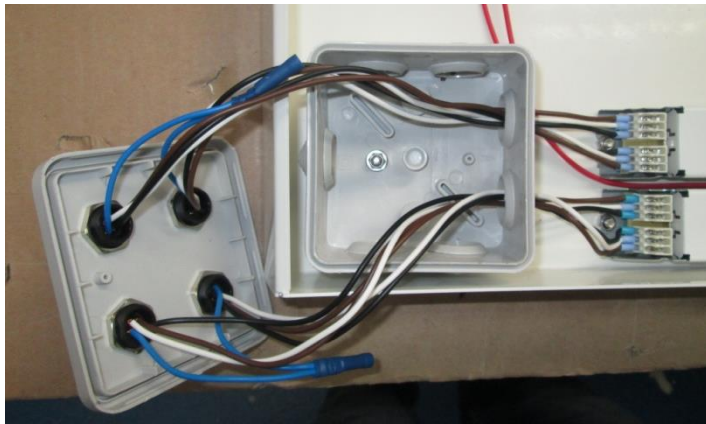


If necessary, it is possible to watch one of our tutorial videos on YouTube via this QR Code:



### WIRING

#### 1) LAMP POWER SUPPLY HEADER :



#### Ballast wiring to :

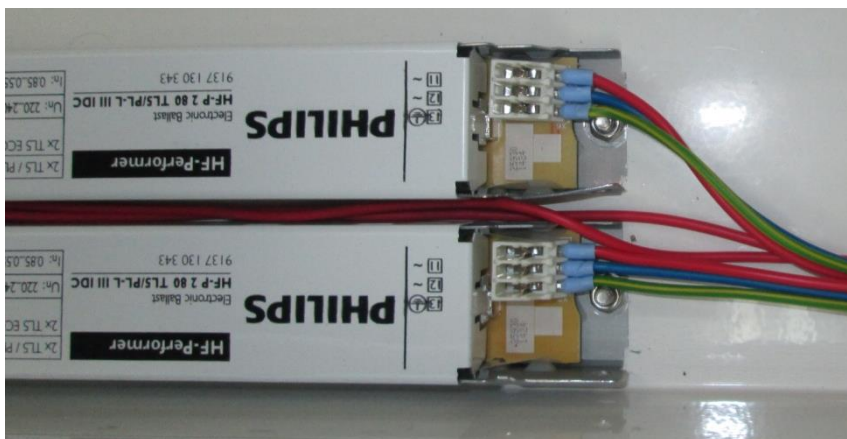
##### Lamp n°1

Brown on terminal n°1  
 White on terminal n°2  
 Black on terminal n°3  
 Blue connected with lamp n°2

##### Lamp n°2

Brown on terminal n°6  
 White on terminal n°5  
 Black on terminal n°4

#### 2) BALLASTS POWER SUPPLY:



#### Ballast wiring :

Phase : Red  
 Neutral : Blue  
 Ground connection :  
 Green/Yellow

#### 3) TURBINE:

Turbine	Capacitor	Power supply
Brown		Red (Phase)
Black	Brown	
Grey	Blue	Blue (Neutral)
Green/Yellow		Green/Yellow (Ground)

