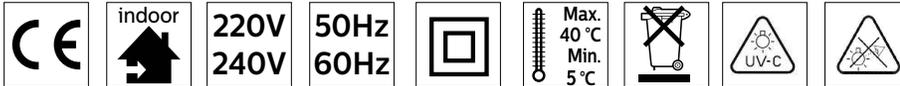
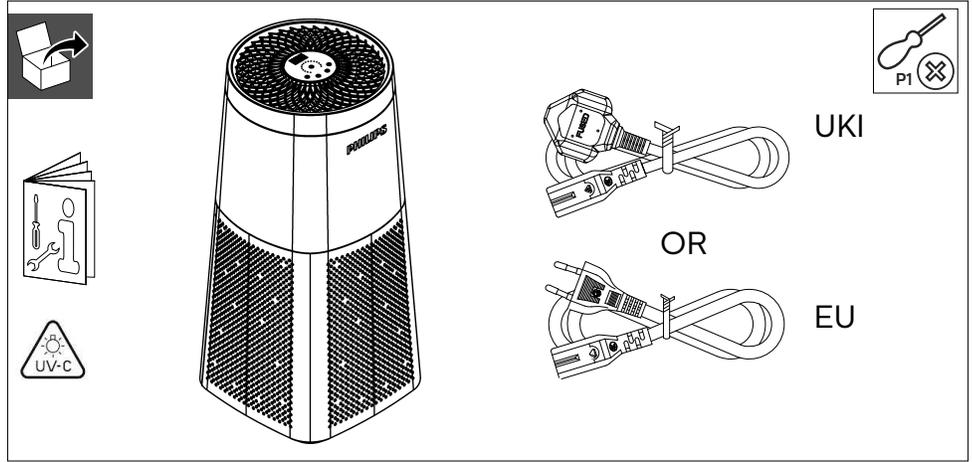


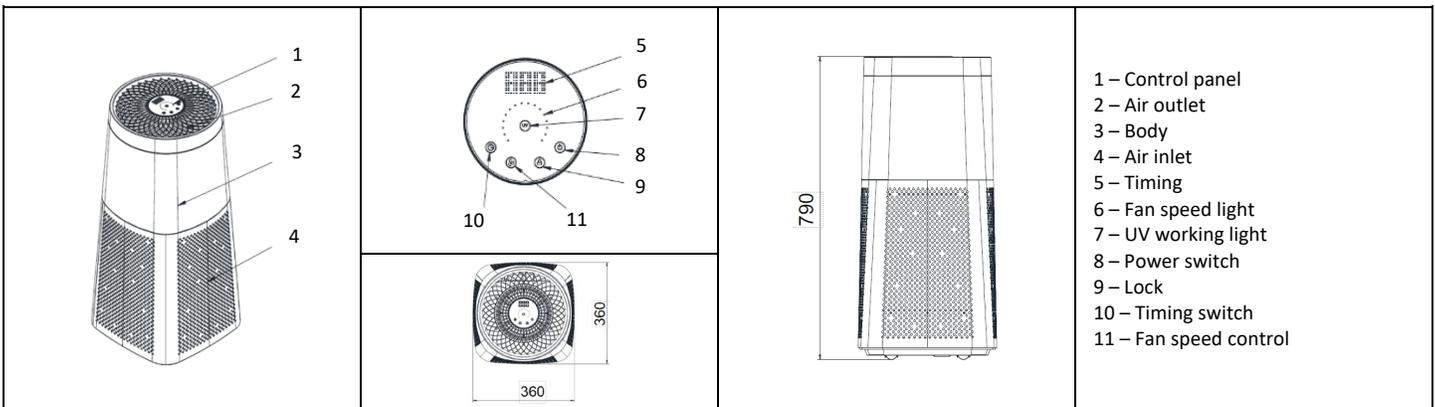
# PHILIPS

## UV-C Air Disinfection Unit

UVCA200



12NC	Type Desc	Power	Lamp	Lamp Holder	Ballast	Shading cloth	kg
9114 015 48581 9114 015 48681	UVCA200 EU UVCA200 UKI	120W	4×TUV PL-L 18W 9279 030 04007	2G11	HF-P218/236 9114 018 21890	9114 018 20890	12.3
UV-C wavelength: 254nm							



### Operation

1. Plug in  
Plug in the power cord, power the machine, the buzzer will beep, at the same time, the power key indicator is always on, indicating the success of power.
2. Power on/off   
Power on: touch the power on key to start the machine when it is off. Default display mode is:
  - A. The fan speed indicator is on 2/3, and the fan speed is in gear 2;
  - B. The UV indicator is on and the UV lamp is in working state;
  - C. The time indicator is "060", indicating that the disinfection time is 60 minutes, and the machine will automatically shutdown after 60 minutes.
 Power off: to shut down the product before disinfection duration is finished, please press the power switch button. Only the power indicator will remain on while all the rest will turn off with notification tone.
3. Fan Speed Button   
Press fan speed button to select the fan speed, 1 (low speed), /2 (medium speed), /3 (Max speed). The product starts quickly and smoothly and can reach the maximum air volume within 20 seconds (if set to the maximum speed).
4. Timing Settings   
Press Timer button to select disinfection duration, ON-30min-60min-120min as a cycle.
5. Lock   
Long press the lock key above 3s, and the lock indicator light will always be on, indicating that the lock mode has started. At this point, pressing any key is invalid (the lock indicator will flash 3 times when pressing any key). Long press the lock key above 3s to exit the lock mode. You can also exit the lock mode by removing the power or when disinfection duration is finished.

## Application and safety precautions



- **Warning:** UV-C emitted from this product. Avoid eye and skin exposure to unshielded product. Follow installation instructions and user manual.
- **Warning:** these UV-C products are not meant to be used in applications or activities which may cause and/or lead to death, personal injury and/or damage to the environment.
- **Warning:** Products not designed and/or intended to be used to disinfect medical devices or for medical purposes; Signify excludes any and all liability for any such improper use.
- This UV-C product is intended to be used for the disinfection of Indoor air.
- The back cover must be closed properly before disinfection, otherwise the UVC lamp will not work.
- There should be no light leakage at the air inlet on the side of the body. If there is, please check whether the carbon cloth is installed correctly.
- Contact manufacturer or its maintenance department and other similar professionals for repair.
- If the power cord is damaged, it must be replaced with a dedicated cord or with a dedicated component purchased from its manufacturer or maintenance department.
- Lamps include Mercury. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner. Please follow User Manual.
- UVC Exposed luminaire parts (other than metal parts), like Lamp holder, end cap etc. might change color after a certain period of usage due to the UV-C light property.
- UV-C light emitted from UVC lamp is much "stronger" than normal sunlight and can cause a severe sunburn-like reaction to your skin, and similarly, could damage the retina of your eye, if exposed.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

## Lamp/Ballast/Shading cloth replacement



1. Only those who have received instruction training can replace the relevant parts. Contact Signify dealer or the designated after-sales service.
2. Turn off the power supply and unplug product before changing the lamp or connection! Ensure to put on gloves when installing the device or replacing the lamp.

\*Use only Philips brand TUV lamps. TUV lamp type: 927903004007 TUV PL-L 18W/4P 1CT/25; TUV lamp lifetime: 9000h

## Visible marking on product:

### UV-C RISK GROUP 3



**WARNING UV-C** emitted from this product.  
Avoid eye and skin exposure to unshielded product.  
Follow installation instructions and user manual.

### UVC lamp error code

The UVC light will be on after power on, the UV working light will be kept on. When the lamp is damaged, the UV indicator flashes, and the display area is showing the following error code:

error code	Damaged	Digital display		
		First digit	Second digit	Third digit
1pc lamp damaged	lamp 1	E	NA	1
	2	E	NA	2
	3	E	NA	3
	4	E	NA	4
2pcs lamp damaged	12	E	1	2
	13	E	1	3
	14	E	1	4
	23	E	2	3
	24	E	2	4
3pcs lamp damaged	34	E	3	4
	123	E	NA	6
	124	E	NA	7
	134	E	NA	8
234	E	NA	9	
4pcs lamp damaged	1234	E	8	8

For example, the panel displays "E8", indicating that the lamps 1, 3 and 4 are broken. The tube indicator code is at the base of the UV lamp holder.

\* Display will show the error code when max. 3pcs lamps are failure for UVCA200 or max. Meanwhile the product can keep at working status with error code display. The display will show the timing for 10secs after pressing timer button, then come back to error code display mode. If all the lamps are damaged, the product cannot start with dedicated error code display.

### Shading cloth error code

Error code will be displayed after the accumulated working time of the product reaches 9000 hours. The product cannot be started. At this time, the shading cloth must be replaced.

error code	Digital display		
	First digit	Second digit	Third digit
replace shading cloth	E	7	7

### Change shading cloth

After 9,000 hour operation, error code E77, need to change shading cloth



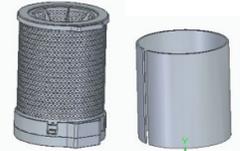
1. power off
2. loose screw
3. remove front cover



1. disconnect the internal power wires
2. disconnect the internal power wires
3. remove the UVC lighting cavity out



1. remove the shading cloth



Wrap the new shading cloth on the iron barrel and double ensure it's not possible for lighting leakage.

Put back the barry to the unit, connect the power and signal wires, Press the setting button for more 5 seconds, if start to count down the time, it means the machine can work normally.

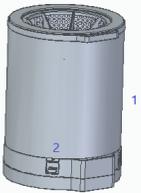
### Change lamps



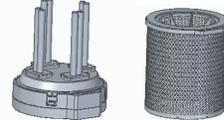
1. power off
2. loose screw
3. remove front cover



1. disconnect the internal power wires
2. disconnect the internal power wires
3. remove the UVC lighting cavity out.



1. remove the shading cloth
2. Loose 4 screws on the barrel



Remove the screws of lamp holder , replace lamp.  
Assemble back.  
Caution: double ensure the shading cloth is fixed correctly.

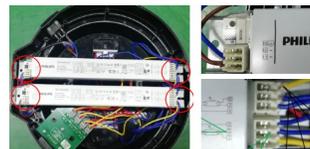
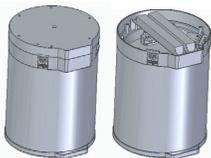
### Change driver



1. power off
2. loose screw
3. remove front cover



1. disconnect the internal power wires
2. disconnect the internal power wires
3. remove the UVC lighting cavity out



Pull the wires of driver out and replace driver.

## Maintenance

The unit is designed for minimum maintenance need and time. Possible maintenance for the unit by a qualified person is limited to changing lamps in the unit.

- Do not spray water on the body.
- Power off during maintenance or cleaning.
- The body can be cleaned with a wet towel. Strong solvents or detergents are not recommended. But neutral mild cleaners are recommended, no residue after cleaning.
- Interior: clean the interior metal walls with ethanol (reagent grade) and soft towel. Be careful not to spray or apply chemicals directly on the UV-C light source. This may damage the product.
- When cleaning shading cloth use soft cloth or towel to avoid scratching the cloth.
- Lamp exchange needs can be identified by the lamps operating hours.

Lamp exchange and/or cleaning procedure must be executed in this order:

1. Identify the unit that needs cleaning or maintenance.
2. Use personal protective equipment that protect against UV-C irradiation and/or accidental exposure.
3. Make sure that power is turned off at the switch that is switching the UV-C devices centrally.
6. Clean the lamps with a soft, lint-free cloth.
7. Place the lamp back into the lamp holders. If replacing lamp, place new lamp into position. Lamps contain mercury.
8. Replaced old lamps should be disposed properly!
9. Turn on power.

### In case of lamp breakage follow below instruction:

Before cleanup:

- Have people and pets leave the room and avoid the breakage area on the way out.
- Open a window or door to the outdoors and leave the room for 5-10 minutes.
- Shut off the central forced-air heating/air conditioning (HVAC) system if you have one.
- Collect materials you will need to clean up the broken bulb:
  - a. Stiff paper or cardboard.
  - b. Sticky tape (e.g., duct tape).
  - c. Damp paper towels or disposable wet wipes (for hard surfaces).
  - d. Glass jar with a metal lid (such as a canning jar) or a sealable plastic bag(s).

### Cleanup Steps for Hard Surfaces

1. Carefully scoop up glass fragments and powder using stiff paper or cardboard and place debris and paper/cardboard in a glass jar with a metal lid. If a glass jar is not available, use a sealable plastic bag.  
(NOTE: Since a plastic bag will not prevent the mercury vapor from escaping, remove the plastic bag(s) from the home after cleanup).
2. Use sticky tape, such as duct tape, to pick up any remaining small glass fragments and powder. Place the used tape in the glass jar or plastic bag.
3. Wipe the area clean with damp paper towels or disposable wet wipes. Place the towels in the glass jar or plastic bag.
4. Vacuuming of hard surfaces during cleanup is not recommended unless broken glass remains after all other cleanup steps have been taken.  
[NOTE: It is possible that vacuuming could spread mercury-containing powder or mercury vapor, although available information on this problem is limited]. If vacuuming is needed to ensure removal of all broken glass, keep the following tips in mind:
  - a. Keep a window or door to the outdoors open.
  - b. Vacuum the area where the bulb was broken using the vacuum hose, if available; and
  - c. Remove the vacuum bag (or empty and wipe the canister) and seal the bag/vacuum debris, and any materials used to clean the vacuum, in a plastic bag.
5. Promptly place all bulb debris and cleanup materials, including vacuum cleaner bags, outdoors in a trash container or protected area until materials can be disposed of. Avoid leaving any bulb fragments or cleanup materials indoors.
6. Next, check with your local government about disposal requirements in your area, because some localities require fluorescent bulbs (broken or unbroken) be taken to a local recycling center. If there is no such requirement in your area, you can dispose of the materials with your household trash.
7. Wash your hands with soap and water after disposing of the jars or plastic bags containing bulb debris and cleanup materials.
8. Continue to air out the room where the bulb was broken and leave the HVAC system shut off, as practical, for several hours.

### Cleanup Steps for Carpeting or Rugs

1. Carefully scoop up glass fragments and powder using stiff paper or cardboard and place debris and paper/cardboard in a glass jar with a metal lid. If a glass jar is not available, use a sealable plastic bag.  
(NOTE: Since a plastic bag will not prevent the mercury vapor from escaping, remove the plastic bag(s) from the home after cleanup).
2. Use sticky tape, such as duct tape, to pick up any remaining small glass fragments and powder. Place the used tape in the glass jar or plastic bag.
3. Vacuuming of carpeting or rugs during cleanup is not recommended unless broken glass remains after all other cleanup steps have been taken. [NOTE: It is possible that vacuuming could spread mercury-containing powder or mercury vapor, although available information on this problem is limited.] If vacuuming is needed to ensure removal of all broken glass, keep the following tips in mind:
  - a. Keep a window or door to the outdoors open.
  - b. Vacuum the area where the bulb was broken using the vacuum hose, if available, and
  - c. Remove the vacuum bag (or empty and wipe the canister) and seal the bag/vacuum debris, and any materials used to clean the vacuum, in a plastic bag.
4. Promptly place all bulb debris and cleanup materials, including vacuum cleaner bags, outdoors in a trash container or protected area until materials can be disposed of. Avoid leaving any bulb fragments or cleanup materials indoors.
5. Next, check with your local government about disposal requirements in your area, because some localities require fluorescent bulbs (broken or unbroken) be taken to a local recycling center. If there is no such requirement in your area, you can dispose of the materials with your household trash.
6. Wash your hands with soap and water after disposing of the jars or plastic bags containing bulb debris and cleanup materials.
7. Continue to air out the room where the bulb was broken and leave the HVAC system shut off, as practical, for several hours.

### Future Cleaning of Carpeting or Rugs:

1. Air Out the Room During and After Vacuuming
2. The next several times you vacuum the rug or carpet, shut off the HVAC system if you have one, close the doors to other rooms, and open a window or door to the outside before vacuuming. Change the vacuum bag after each use in this area.
3. After vacuuming is completed, keep the HVAC system shut off and the window or door to the outside open, as practical, for several hours.



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