



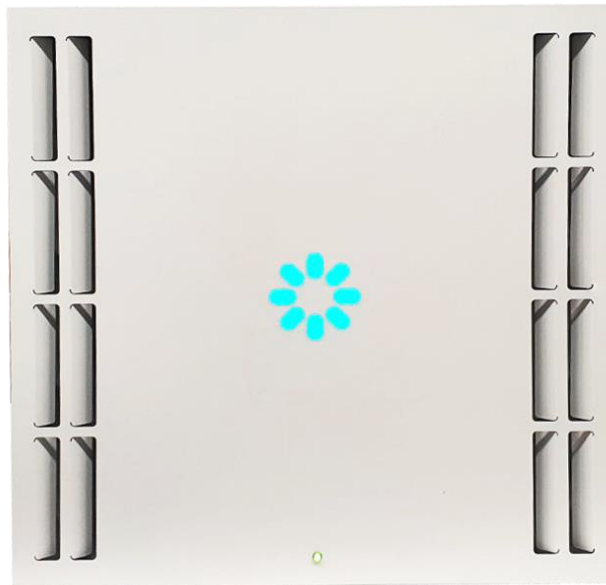
**UV-C 2020**  
DISINFECTING DEVICES

## AIR SQUARE 180

**UV-C light devices for air disinfection by ultraviolet radiation.**

**ADVANTAGES:**

- Highly effective – for a short time disinfects the air in large rooms – up to  $180\text{m}^3 \approx 60\text{m}^2$ .
- You save time, compared to other contactless disinfection technologies
- AIR SQUARE models does not require supervision during operation
- OZONE FREE - 254nm wavelength, with no ozone emission thanks to the certified PHILIPS UV-C sources
- No harmful emissions and the room can be used continuously
- Easy to maintain
- Use AIR SQUARE 180 in every room.
- The IKIS team will train your staff and help you integrate UV-C disinfection into the established disinfection processes and protocols.

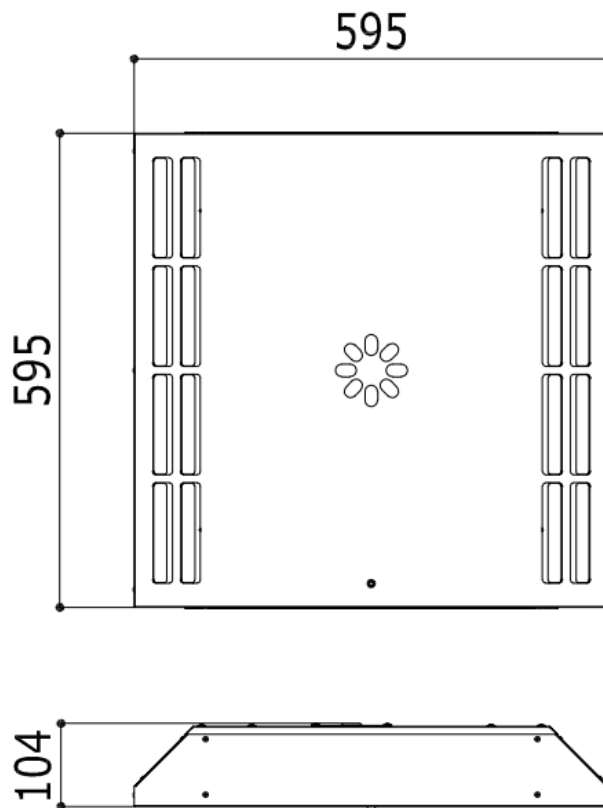




## AIR SQUARE 180

### CHARACTERISTICS:

- AIR SQUARE 180 is safe for use in the presence of humans and animals.
- Designed for installation in suspended ceiling.
- Designed for use in hospital rooms, operating rooms, clinics, laboratories, pharmaceutical and food industries, offices, retail outlets, schools, kindergartens, homes, etc.
- Compact sizes and modern desing.
- AIR SQUARE 180 models - low operating price and minimal maintenance.





## AIR SQUARE 180

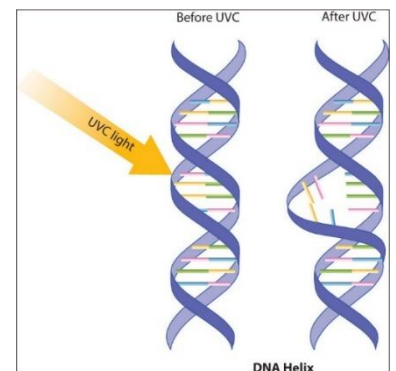
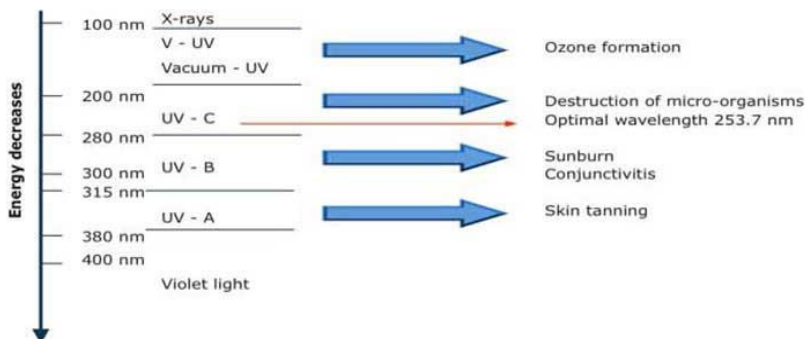
Model AIR SQUARE 180 UV-C is equipped with PHILIPS TUV UV-C 254nm OZONE FREE sources, made of special glass, which filters the harmful ozone-forming 185nm radiation.

The UV-C light disinfects surfaces and air through ultraviolet radiation, which helps the disinfection by radiation damage to the DNA structures of all microorganisms – viruses, bacteria, yeast, mould. These surfaces must be exposed directly to the light emitted by the UV-C emitters.

Thus it stops the reproduction of microorganisms. For most cases, UV-C radiation with a wavelength of about 260 nm is the most effective. Mercury contained in light sources produces UV-C radiation in the very close effective spectrum of 254 nm, which has become the standard in the production of bactericidal lamps.



Philips TUV T8





## TECHNICAL DATA

| CAT. № | Dimensions<br>L/B/H | Weight<br>kg | Power<br>W | PL-L UV-C | EVG     |
|--------|---------------------|--------------|------------|-----------|---------|
| AA4670 | 597x597x104 mm      | 7,8          | 86         | PHILIPS   | PHILIPS |

- HOUSING: POWDER COATED STEEL
- AIR DISINFECTION: 180m<sup>3</sup>/hour
- NOISE LEVEL: 50dB
- BUILT-IN CONTROLLER FOR COUNTING WORKING HOURS AND INDICATION FOR THE STATUS OF THE DEVICE
- SUPPLY VOLTAGE: 220-240V
- PROTECTION: IP20
- CERTIFIED ACCORDING TO STANDARDS:  
**EN 55015:2013+A1:2015**  
**EN 60598-1:15+AC:15+AC:16+A1:18**
- OPTIONAL: REMOTE CONTROL
- DEVICE WARRANTY: 24 MONTHS
- UV-C LIGHT SOURCES WARRANTY: 12 MONTHS

**NOTE: The lifetime of the light sources PHILIPS 254nm is 9000h by catalogue, after the reach them, then the sources must be replaced.**