



**TTAF**<sup>®</sup>

ELEKTRONİK SAN. VE TİC. A.Ş.

UV-C RAGNAR  
RGN-05  
USER MANUAL



Thank you for purchasing our products.  
Please read the instructions carefully before first use,  
so that you can fully understand and install this product.  
Please keep it after reading the manual.

## Basic Characteristics

- It is an easy-to-install, practical, robust and user-friendly sterilization device.
- UV-C Ragnar Germicidal Fixture, sterilizes its environment with strong UV-C radiation.
- UV-C Ragnar Germicidal Fixture, offers ceiling pendant mounting option thanks to its hanging wire.

## Technical Specifications

Product Code	: RGN-05
Operation Voltage	: 220~240VAC 50/60Hz
Power Consumption	: 40W Pf: 0,98
Light Source	: UV-C Tube
UV Wavelength	: 254nm
Irradiance	: 1,57W/m <sup>2</sup> @1m
Dimensions	: Ø1307x233x61mm
Weight	: 5kg

## Sterilization Time

- Sterilization time is calculated according to the room size.
- Sterilization time calculation should be made for areas to be used in different sizes. In this case, you need to get technical support from our factory. For technical support;

**teknikdestek@ttaf.com.tr**

## Package Included

- I. Fixture Case
- II. UV-C Tube
- III. Hanging Apparatus

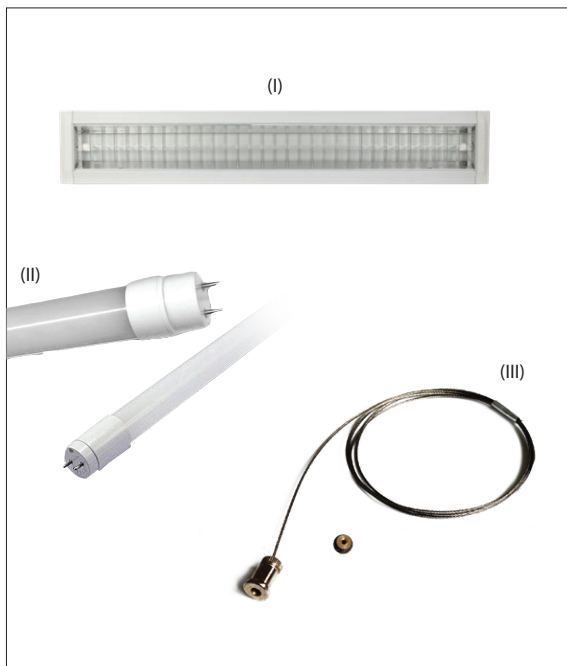


Figure 1

## Installation and Operating Instructions

Please see Figure 2.

1. Make sure that the mains voltage is off before installing.
2. Release the reflector from nails. Pull outside the reflector by means of plastic gloves.
3. Place the UV-C tube in the holder. After requirement process, put the reflector back to its place.
4. Open the fixture cover to use the hanging apparatus. Attach the height adjuster to the hanger wire. After adjusting the height, screw the height adjustment apparatus and insert the hanging wire into the channel in the fixture case. After the necessary actions are taken, install the fixture cover.
5. Fix other side of the hanging apparatus on the ceiling.
6. As soon as the mains voltage is turned on, the UV-C Tube will start working and sterilization will begin.
7. Sterilization continues until the mains voltage is cut off.

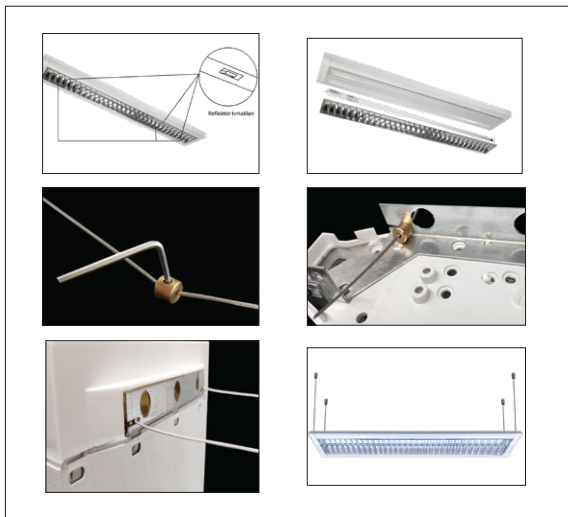


Figure 2



## WARNINGS



1. Please strictly refer to the operating instructions.
2. Do not dismantle the product or replace any parts on your own.
3. Please make sure that people, animals and plants are removed from the area to protect them from UV rays during the disinfection process.
4. Please do not look into the light when operating, to avoid hurting your eyes and skin. Exposure to UV-C rays is extremely harmful for both animal and human health. May cause permanent discomfort.
5. Do not knock or drop the product, otherwise it may damage the product or the lamp tube.
6. When the device encounters falling to the ground, breaking, being damaged by natural disasters or being exposed to any impact, the particles of the product should be collected with the help of a brush, carefully collected with the help of a brush, and the area should be ventilated. A waste box with the code of **20 01 21** (Fluorescent Lamp and Wastes Containing Other Mercury) must be created and separated from other wastes.
7. The main source of danger is mercury vapor contained in the tubes. When the tube breaks, it evaporates immediately. Up to 3 mg of mercury has been used per tube.

### ATTENTION



1. In all operations with reflector please use the plastic gloves.
2. If the power is on but the light does not work, please check whether the power plug is properly connected to the power supply.
3. Please choose the correct input voltage for this product.
4. Please do not use the product in unstable, flammable or humid places.
5. When there is any abnormal situation in this product, please cut off the power supply immediately and contact our company.
6. To avoid electric shock, do not place the high-voltage AC plug in a damp or wet place.
7. The lifetime of the UV-C tube is more than 8000 hours. For UV-C tube replacement, you need to get technical support from our company. For technical support;

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