

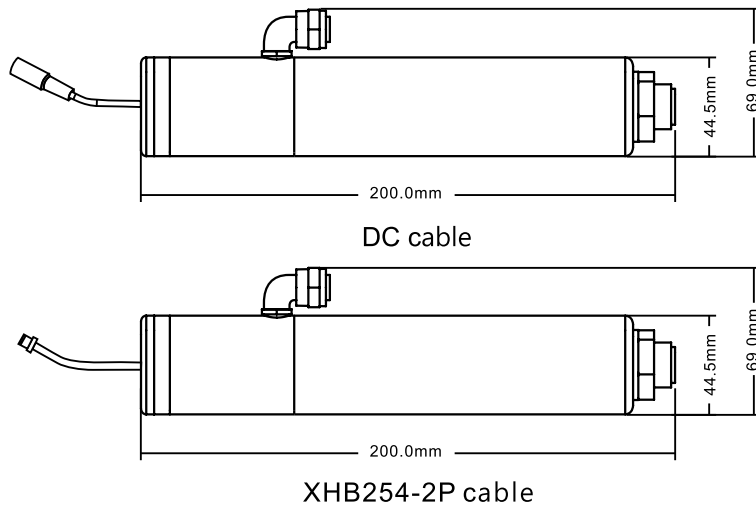


# UVC-LED WATER STERILIZER - 15L/min



## TECHNICAL PARAMETERS

- Model No.: HC-MKS-200-15
- Water flow rate:  $\leq 15\text{L/min}$
- Water Pipe Connection: 1/2", 3/8"
- Dimension: 44.5\*200MM
- Rated power: 12w
- Input: 1A/500mA
- Working Voltage: DC:12/24v
- Module lifespan: 5-8 years
- Working temperature:  $-40^{\circ}\text{C}$ - $80^{\circ}\text{C}$
- Storage temperature:  $-40^{\circ}\text{C}$ - $85^{\circ}\text{C}$
- Water Pressure: 0.1-0.4Mpa



## APPLICATION

Our UVC-LED water sterilizer can be widely used at Medical/Lab Ultra-pure Water Machines, Mobile Water Treatment Systems(RV, Boats, Outdoor) and other Household/commercial Water Purification Systems etc.

## TECHNICAL ADVANTAGES



260-280nm  
wavelength



Maintenance-free



More than  
5-8 years



99.999%  
Sterilization rate



Low wattage  
consumption



Customizable  
integrated module





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**HAC UVC-LED**



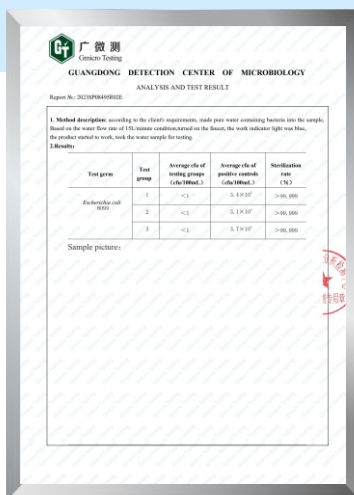
**MERCURY UV LAMP**

## Features

**HAC UVC-LED**

## Mercury uv lamp

|                           |                         |                               |
|---------------------------|-------------------------|-------------------------------|
| Mercury content           | NO                      | 20-200mg                      |
| Service life              | 5-8 years               | 3-6 months                    |
| Sterilization Rate        | 99.999%                 | 95%~99%                       |
| Preheat time              | Instant start           | Up to 5 min                   |
| Product Size              | Easy in miniaturization | Difficulty in miniaturization |
| Energy                    | Low wattage consumption | High wattage consumption      |
| Whether ozone is produced | No                      | Yes                           |



**Test report:2023SP08495R02E E-coli  
removal rate 99.999% at flow rate  
15L/min.**

| Test Germ               | Test group | Test method(s) | Influent<br>spiked<br>water | *Removal<br>rate(s)% |
|-------------------------|------------|----------------|-----------------------------|----------------------|
| Escherichia<br>coli8099 | 1          | <1             | $3.4 \times 10^5$           | >99.999              |
|                         | 2          | <1             | $3.1 \times 10^5$           | >99.999              |
|                         | 3          | <1             | $3.7 \times 10^5$           | >99.999              |

## VIEWS

