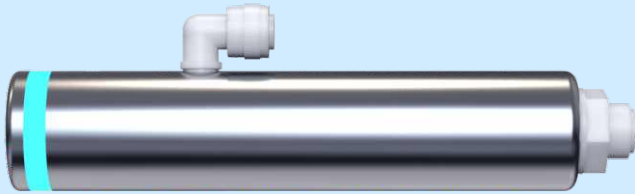


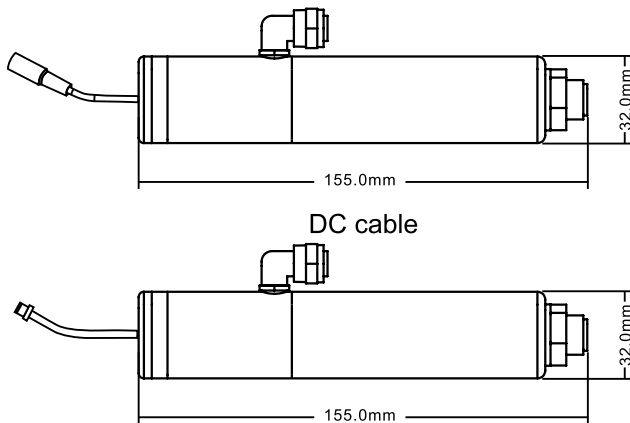


# UVC-LED WATER STERILIZER - 1-3L/min



## TECHNICAL PARAMETERS

- Model No.:HC-MKDG-40A-155
- Water flow rate:  $\leq 3\text{L/min}$
- Water Pipe Connection: 1/4"
- Dimension:32\*155MM
- Rated power: 4w
- Input: 333mA/166mA
- 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



XHB254-2P cable

## 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

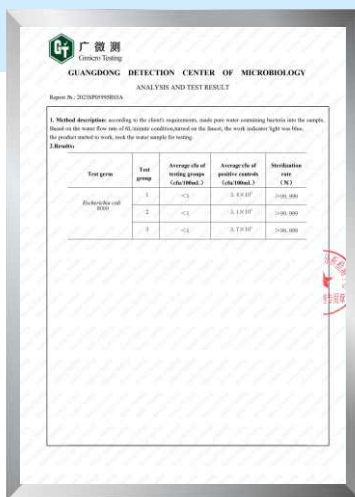




# UVC-LED WATER STERILIZER - 1-3L/min

## MERCURY UV LAMP VS HC UVC-LED

| Features           | Mercury uv lamp               | HC UVC-LED  |
|--------------------|-------------------------------|------------------------------------------------------------------------------------------------|
| Mercury content    | 20-200mg                      | NO                                                                                             |
| Service life       | 3-6 months                    | 5-8 years                                                                                      |
| Preheat time       | Up to 5 min                   | Instant start                                                                                  |
| Water temperature  | Up to 35° C                   | No change                                                                                      |
| Product Size       | Difficulty in miniaturization | Easy in miniaturization                                                                        |
| Sterilization Rate | 95%~99%                       | 99.999%                                                                                        |
| Power supply       | 110-240VAC                    | 12V/24V 2A                                                                                     |



**Test report:2023SP08495R02E E-coli  
removal rate 99.999% at flow rate  
1-3L/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

