

# DRINKING WATER PURIFICATION UV DISINFECTION AT POINT OF USE

Our UV LED water purifier can be widely used on RVs, coffee machine, ice machine, water purifier, vending machine etc.



## Mercury uv lamp VS UV LED

| Features          | Mercury UV lamp            | AGUA TOPONE UV LED      |
|-------------------|----------------------------|-------------------------|
| Mercury content   | 20-200mg                   | NO                      |
| Using life        | 1 year                     | Minium 5 years lifetime |
| On-off times      | Maximum 10000 times on/off | more than 100,000 times |
| Preheat time      | up to 5 min                | instantaneous           |
| Water temperature | up to 35°C                 | no change               |
| Durability        | Fragile glass tube         | Rugged semiconductor    |
| Power supply      | 110-240VAC                 | 12VDC / 24VDC           |

# TECHNICAL PARAMETERS

- Model No.:AGLED-40002
- Max flow rate: 4LPM (1GPM)
- In/outlet: 1/4" quick fittings
- Dimension: 38\*129mm
- Operation voltage: 12VDC / 24VDC
- Operation current: 0.7A@12V 0.35A@24V
- Rated power: 8w
- Luminous power: 160mW
- LED lifespan: 7,000 hours

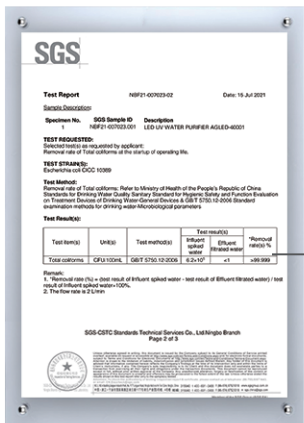


SGS test report: NBF21-007023-01  
E-coli removal rate 99.99% at flow rate 2LPM(0.5GPM)

| Test item(s)    | Unit(s)   | Test method(s)    | Test result(s)        |                          | *Removal rate(s) % |
|-----------------|-----------|-------------------|-----------------------|--------------------------|--------------------|
|                 |           |                   | Influent spiked water | Effluent filtrated water |                    |
| Total coliforms | CFU/100mL | GB/T 5750.12-2006 | $6.2 \times 10^5$     | <1                       | >99.99             |

# ADAVANTAGES OF UV LED

- UVC LEDs have hit major milestones in both total power output and pricing.
- Savings directly dollar for dollar over mercury lamp reactors.
- Non-toxic UVC LED-based systems use simple DC power systems.
- Longer life of on-demand UVC LED reactors—often lasting the full lifetime of the appliance.
- Convenient maintains, no replacement charge for consumable parts.



instant start



Long working life span



No mercury



Easy Installation