

产品规格书/DATASHEET

YG-F118-A

紫外 LED 过流式杀菌器

UV LED Flowing Water Sterilizer



应用领域/ Application Field:

应用领域: 净水器、管线机、加湿器等

Application field: Water purifier, Pipeline machine, Humidifier, Etc

产品特征/ Product Characteristics:

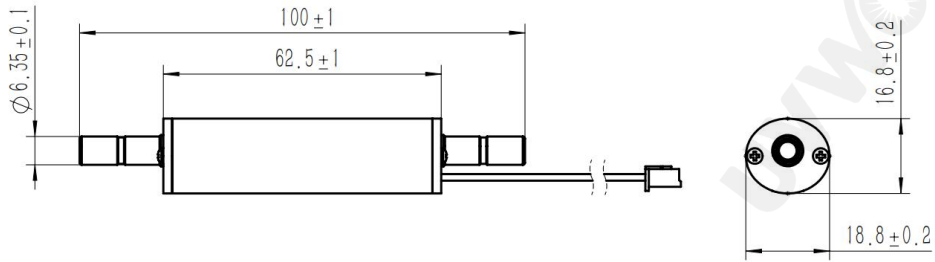
- 采用先进的 UV LED 杀菌技术 Advanced UV LED sterilization technology
- 低水阻, 金属外壳, 可更换接头, 安装便利 Low water resistance, Metal casing, Replaceable connectors, Easy to install
- 小体积, 大流量, 有效寿命长 Small volume, Large flow, Long effective life
- 所有材料符合 RoHS 环保要求 All materials comply with RoHS environmental requirements
- 所有涉水部件符合食品安全标准 All waterproof comply with food safety standards

引用标准/ Reference Standard:

引用标准/ Reference Standard:	内容/Content
GB/5749	生活饮用水卫生标准 Hygienic standard for drinking water
GB 4706.1	家用和类似用途电器的安全通用要求 General safety requirements for household and similar electrical appliances
QB/T 4827	家用和类似用途饮用水处理装置用紫外线杀菌单元 Ultraviolet bactericidal units for drinking water treatment installations for domestic and similar purposes
GB/T 2828.1	计数抽样检验程序 第 1 部分: 按接收质量限 (AQL) 检索的逐批检验抽样计划 Sampling inspection procedure for counting - Part 1: Batch by batch inspection sampling plan retrieved by quality limit of reception (AQL)
GB/T 1019	家用和类似用途电器包装通则 General rules for packaging of household and similar electrical appliances
《生活饮用水卫生规范》卫生部 2001 版 附件二 "Drinking Water hygiene Code" Ministry of Health 2001 edition Annex II	生活饮用水输配水设备及防护材料的安全性评价规范 Standard for safety evaluation of drinking water transmission and distribution equipment and protective materials

产品图示/ Product Drawing:

端子型号 (颜色)、线序、接头可定制/ Terminal type (color), line sequence and connector can be customized



适配 2 分
Suitable for 1/4"

性能参数/ Performance Parameters:

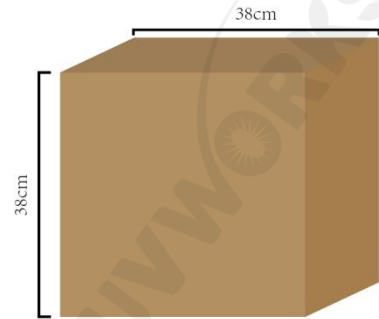
项目 Project	标准规格 Standard Specification	备注 Remark
型号/Model No.	YG-F118-A	
材质/Material	不锈钢	
产品尺寸/Product Size	18.8*16.8*100mm	
流量/Flow Rate	1-2L/min	
杀菌率/Bactericidal Rate	>99.99%	
净重/Net Weight	38.12g(1/4")	人工测量, 仅供参考 Manual measurement, for reference only
接口尺寸/Joint Size	二分接口 1/4" Connectors	可定制/Customized
接口材质/Joint material	不锈钢/Stainless steel	
电压/Voltage	DC12-24V	可定制/Customized
功率/Power	1.2-2W	
LED 寿命/LED Life	>3000h	
线材长度/Wire Length	500±10mm	
端子颜色/Connector Color	白色 Black	
绝缘耐压/Insulation Withstand Voltage	DC500V(50HZ)/min	
防水等级/Waterproof Rating	IP54	
工作水压/Working Water Pressure	≤0.6MPa	
工作温度/Operating Temperature	0°C-45°C	
储存温度/Storage Temperature	-40°C-85°C	

包装/ Packaging :



一板放 15 个模组

15 modules on one board



一箱 11 板, 共 165 个模组

A box of 11 boards, 165 modules in total

安全使用说明/ Safe Use Instructions:

- 产品在通电前, 需处于通流动水状态, 否则会有温度过高烧坏杀菌器的风险甚至引起火灾(如需测试, 通电不通水的时间不得超过 1 分钟)
- Before the product is powered on, it should be in a state of flowing water, otherwise there will be a risk of excessive temperature burning the sterilizer or even causing a fire (if required to test, the time of power without water should not exceed 1 minute).
- 建议不要在有结冰风险的场所使用本产品或者采取保温措施。
- It is recommended not to use this product or take insulation measures in places where there is a risk of freezing.
- 如果待灭菌的水浑浊、水硬度高、钙、镁含量高, 杀菌作用可能会减弱。因此, 建议通净水机净化后的水, 或者在杀菌器进水口前端设置过滤装置
- If the water to be sterilized is cloudy, the water hardness is high, and the calcium and magnesium content is high, the bactericidal effect may be weakened. Therefore, it is recommended to pass the water purified by the water purifier, or set up a filter device at the front end of the sterilizer inlet.



使用建议/ Use Suggestion:

产品储存 / Product Storage:

- ◆本品对水分敏感。建议储存温度为-40°C~85°C, 湿度为 40%~65%, 并应密封保存

This product is sensitive to moisture. The recommended storage temperature is -40°C~85°C, the humidity is 40%~65%, and should be sealed

- ◆为保证产品质量, 建议出厂后一年内使用

In order to ensure product quality, it is recommended to use within one year after leaving the factory

产品的存取与安装 / Product Access and Installation:

- ◆ 本产品对电磁敏感, 请注意静电防护。使用本产品前, 请确认工作台和生产设备是否接地

This product is electromagnetic sensitive, please pay attention to electrostatic protection. Before using this product, ensure that the workbench and production equipment are grounded.



Address: No.266 Jiushui East Road, Licang District, Qingdao City, Shandong Province, China ,266000