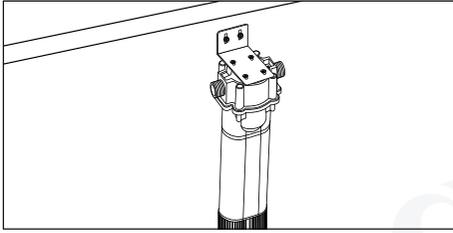
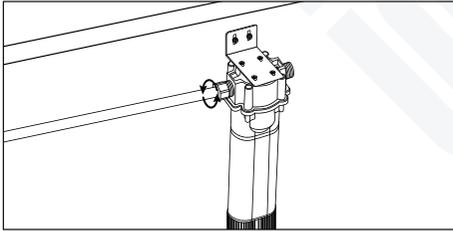


3. Install the mounting plate to the wall with the expansion bolts.



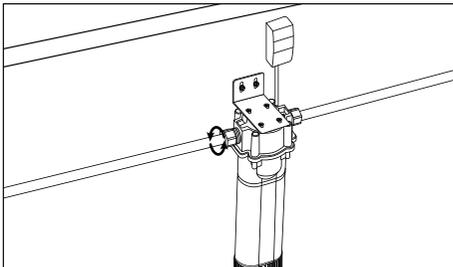
4. Turn off the water inlet valve that supplies the pipe connected to the UV module. Install the water inlet pipe as shown in the figure. Ensure the pipe is securely connected to the inlet port.



5. Install the water outlet pipe as shown in the figure. Ensure the pipe is securely connected to the **outlet port**.

**Important:** The system is designed for **one-way flow only**. Do not connect the pipes in reverse, as this will prevent proper operation.

6. Turn on the water inlet valve that supplies the pipe connected to the UV module. Connect the power adapter to the power cable on the module, and then plug the adapter into a wall outlet.



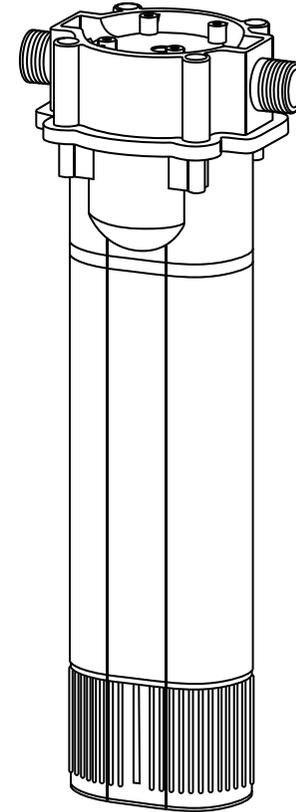
7. The status indicator light will be on if connection is secure.

#### Indicator Light Status

- **Blue:** Standby mode – system is powered but no water flow.
- **Green:** Sterilization mode – system is active when water flows through.
- **Red + Buzzer:** Service life expired – replacement required.

## WHOLE HOUSE

# iSpring Whole House LED UV Water Filter



Model: UVF20

## Installation Instructions & User Manual

Ver. 09/2025

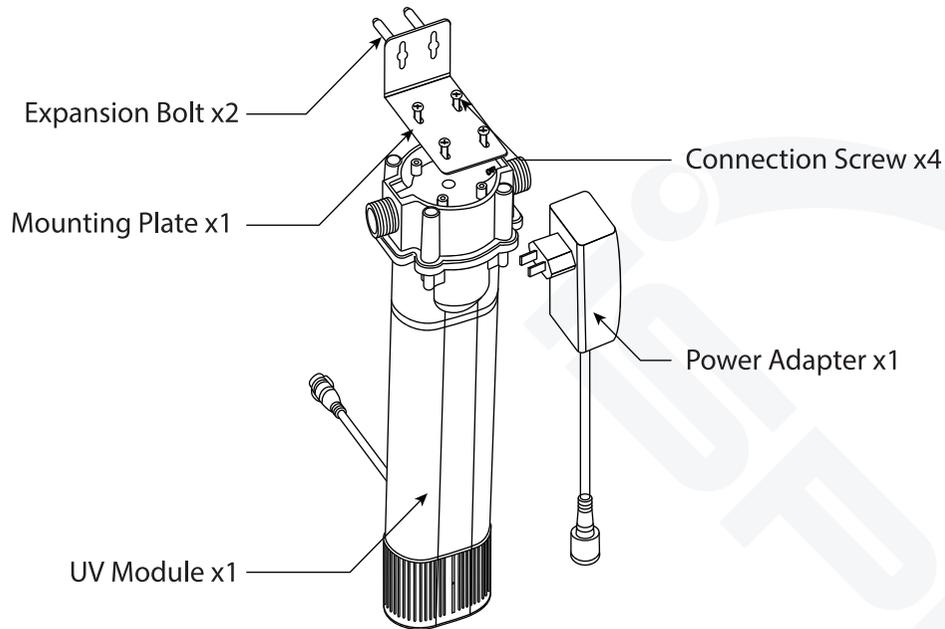


Any questions?  
Scan the QR code  
for support.



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## List of Components



## Product Description

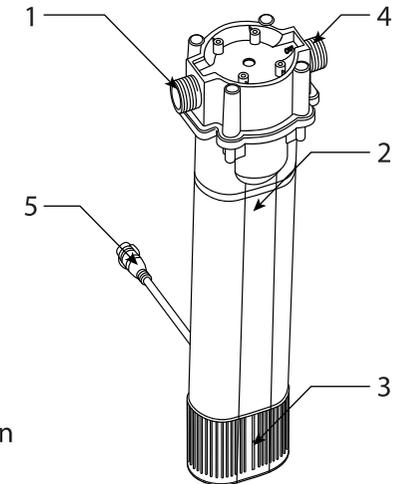
The UV Flow-through Sterilization Module uses ultraviolet (UV) light to sterilize flowing water. Disrupting viruses, bacteria, and other microorganisms prevents reproduction and ensures safe water quality.

## Technical Specifications

Inlet Water Temperature	35–145°F
Maximum Pressure	Up to 115 psi
Pipe Connection Size	3/4" NPT
Rated Power	24 V DC, 23 W
Disinfection Rate	Up to 99.99% ( <i>E. Coli</i> ) at ≤ 6.6 GPM
Peak Wavelength ( $\lambda_p$ )	270–280 nm
Optical Output Power (Pout)	≥ 600 mW

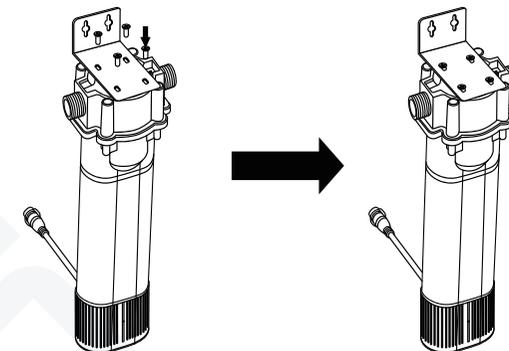
## Component Description

- Water Inlet (G 3/4" Male Thread)**  
Standard 3/4" male thread connection for water inlet.
- Aluminum Alloy Cooling Area**  
Avoid touching during extended use.
- Status Indicator Light**
- Water Outlet**  
Water must flow in one direction—from inlet (IN) to outlet (OUT). Do not install in reverse.  
**Power Cable Connection**
- Use only the supplied power adapter. Unauthorized adapters may cause malfunction and are not covered under warranty.



## Installation Instructions

- Attach the mounting plate to the UV module with the connection screws



- Drill two holes in the wall with a diameter of 1/4" and a depth of 3-1/2".

