

UV Water Disinfection Systems for Central Florida Homes

Ultraviolet disinfection inactivates bacteria, viruses and cysts as water flows past a UV-C lamp - no chlorine, no taste change, no disinfection byproducts. It is the standard final barrier for private wells and for homes that keep getting boil-water notices.

Signs you need this

- Private well water that has never been tested for coliform
- A positive bacteria or E. coli result
- Repeat boil-water notices in your neighborhood
- Well flooded or serviced after a storm
- Someone in the home is immunocompromised

How it works

1. Pre-filtration first

UV only works on water it can shine through, so we install sediment and, when needed, iron filtration ahead of the lamp.

2. Dose-matched lamp

The chamber is sized to your peak flow so every gallon receives at least a 40 mJ/cm² dose - the level that inactivates 99.99% of common waterborne pathogens.

3. Annual lamp service

Lamps lose output before they burn out, so we replace the lamp and clean the quartz sleeve every 12 months and log the visit.

What you get

- 99.99% inactivation of bacteria, viruses and cysts
- No chlorine taste and no disinfection byproducts
- Runs on about as much power as a light bulb
- Protects the whole house, not just one faucet

Frequently asked questions

Does UV remove chemicals or hardness?

No. UV is a microbiological barrier only. Hardness, iron, lead and PFAS need filtration or ion exchange, which is why UV is almost always installed as the last stage in a treatment train.

Do I still need to test my well?

Yes - annual coliform testing confirms the system is doing its job. We include a water test on every service visit.

Free in-home water analysis

A certified technician tests your water at the tap, explains the results in plain language and leaves you written findings. No obligation, no pressure.

Call (855) 684-7663 or book at icwaterus.com

Recommendations depend on your tested water. Equipment and results vary by home.