



Keeping Backflow at bay with Certified Staff and Regulatory Expertise

Backflow is the reversal of water flow within a buildings' piping system. It can cause water supply hazards, including harmful bacteria and chemical contamination. Your plumbing system's backflow preventers must be tested periodically—they are essential to water supply safety.

DeBra-Kuempel can help ensure that your backflow preventers are in top shape. Our team performs backflow system inspection, helps explain and navigate you through state and local regulations, and provides the resources for any needed maintenance or repair.

What causes backflow?

» **Backsiphonage:**

When the water distribution system sees a sudden reduction in water pressure

» **Backpressure:**

When a boiler or other equipments' water pressure becomes higher than that in the distribution system.

Why is regular backflow testing important?

- » Disease prevention
- » Heavy metal contamination prevention
- » Chemical waste contamination prevention

How often does backflow prevention need to be tested?

Different states and localities have different requirements. But, typically, backflow testing is mandatory at the time of system installation and at least once every 12 months thereafter.

Maintaining Optimal Performance

With decades of full-service mechanical, electrical, and plumbing experience, DeBra-Kuempel knows how to thoroughly inspect backflow preventers, helping you keep your system trouble-free. Our technicians thoroughly examine your plumbing system's backflow preventers and help identify early signs of a problem. During backflow testing, our certified technicians will:

- » Check backflow prevention valves and operation
- » Assess valves for leakage, gauge movement, and other indicators of malfunction
- » Diagnose issues and recommend repairs

At Your Side Throughout the Process

Our certified technicians will walk you through each step of the process, from testing to submittal. We will:

- » Perform backflow prevention testing
- » Complete required forms
- » Submit forms and fees to appropriate officials
- » Perform necessary repairs (pending client approval)



How Can We Help You?

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