Why should secondary schools and colleges choose stills over traditional water purification systems?

Unlike traditional water purification systems, stills can easily be turned off for an extended period of time, such as during breaks in the school year, and returned to service without the need for consumables or sanitizing, saving costs and resources.

Secondary schools and many colleges have extended breaks during the year, such as summer and winter break, and must decide how to maintain their water purification systems during this time. The average water purification system requires that the system either run during these breaks or, if shut down, have all consumables replaced and the system sanitized before it can be used again. Stills do not use filters, and can be drained to prevent biofilm, optimizing resources while reducing costs and waste during school breaks.
Maintenance of a typical water purification system

There are two standard options to maintain a water purification system during breaks in the school year. The first option is to keep the system on and set in the recirculation mode, allowing the system to recirculate water to protect against biofilm. This option utilizes both consumables and energy during recirculation. The second option is to turn the system off for the break. When the system is turned back on, the filters and cartridges would need to be replaced and the system would need to be sanitized to remove biofilm, incurring additional costs and time before operation.

Advantages of choosing stills

Thermo Scientific Barnstead stills offer a third, more cost-effective solution. These stills can easily be prepared for extended breaks by simply draining the system completely. Draining the system completely discourages biofilm and eliminates the need to sanitize it during start up. As the still does not require filters to purify the water, there are no filters to replace.

Summary

Thermo Scientific Barnstead stills are ideal systems for customers who need to easily and efficiently shut down their system for long periods of time, optimizing resources while reducing costs and waste.

Find the best Thermo Scientific Barnstead still for your application.
Learn more at www.thermoscientific.com/stills

Why Thermo Scientific Barnstead Stills?

Stills are ideal for routine laboratory work, including:

- Rinsing lab glassware
- Supplying autoclaves and ultrapure water systems
- Preparing and diluting buffers, reagents, and media