



## Zanaqua announces Harvard lab installation

A [ZanAqua Technologies](#) product story

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**Zanaqua Technologies, a water-purification technology firm, announced that it is installing its Zanaqua Element in a biophysics lab on the Harvard University campus.**

Harvard University's Department of Physics is renovating and refitting laboratory space, which will require [purified water](#) for a variety of applications.

The aim was to implement sustainable practices and technologies in the FAS lab buildings.

The Zanaqua Element generates up to 25gal/h of purified, lab-quality water from a municipal water supply.

The system is based on a form of vapor compression distillation (VCD) that produces pure water at a low cost of energy and water.

Zanaqua's process uses heat rather than nano-filtration, and is therefore more effective at killing [bacteria](#).

The distillation process effectively removes contaminants and endotoxins from the source water during vaporisation, using the VCD system, said to be 72 times more energy efficient than standard distillation.

The system will supply laboratory-grade water at the Jefferson Hall Lab for: ordinary analytical use; feedwater for labware washers; and feedwater for the ultrapure, point-of-use, final polishing systems for stringent analytical work.

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