# Intellihot

# Case Study

📍 Durham, NH

UNIVERSITY of NEW HAMP[SHIRE]

| Industry | Representative | Contractor | Product |
|---|---|---|---|
| Higher Education | Dan Davis Sales | Granite State Plumbing and Heating | iQ1501 1.5M BTU's |

## before.

## after.

iQ1501 Supplied By: FW Webb

# Hot Water Continues To Flow

The University of New Hampshire recently replaced two large hot water tanks with 240 gallons of stored water with one Intellihot iQ1501 smart water heater.

The new system was installed in a campus residence hall, which houses approximately 150 students and staff members. The Intellihot iQ1501 features a patented heat exchanger and advanced controls that optimize water temperature and reduce energy consumption. Thanks to the quick response of Granite State Plumbing & Heating, the university will see a significant reduction in energy costs and improved reliability of their hot water supply.

Additionally, the Intellihot iQ1501's smart technology provides real-time monitoring and diagnostics, allowing maintenance staff to quickly address issues and minimize downtime.

## The Problem.

UNH was storing 240 gallons of water and keeping it hot 24/7. Tank type water heaters have several limitations, including limited hot water capacity, high energy consumption, and a relatively short lifespan. They require frequent maintenance and can be prone to leaks, bacteria and corrosion.

## The Solution.

One iQ1501 was chosen for this project. By combining AI with leading-edge technology, Intellihot offers business owners compact, efficient, environmentally friendly machines that significantly decrease energy usage and produce only as much hot water as needed. The savings are nearly incalculable in terms of energy, money, and effort.