



# Intellihot

## University Expels 4,000 Gallons of Stored Water; Graduates to Tankless Efficiency.

When Calvin University in Grand Rapids, Michigan decided to upgrade to instantaneous hot water to gain efficiency, redundancy, and reliability, they chose Intellihot. In order to replace four 1,000-gallon tanks, B & V Mechanical installed two Intellihot iQ1501's commercial tankless units supplied by Process Engineering and Equipment Company.



Photo courtesy calvin.edu

### Industry

Higher Education

### Property Details

Retrofit

### Product Installed

(2) iQ1501

### Installed Capacity

3,000,000 BTU/hr

### Zero Gallons Storage

### Representative

Process Engineering and Equipment

### Contractor

B & V Mechanical

“ In addition to being readily available, Intellihot units were easy to install. Our decision to choose Intellihot for this project addressed our customer's energy efficiency concerns. Intellihot provided excellent support during the planning and installation phases.

- Dave Hearth, Process Engineering & Equipment

”



## The Problem

Four 1,000 gallon tanks were inefficient, wasteful, leak-prone, costly, and could possibly become a breeding ground for fatal bacteria such as legionella. It was time for a more energy-efficient solution to this Universities need for hot water.



## The Solution

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

### Endless Water, Zero Waste

Our systems are smart; from the moment they start running, they begin to learn typical usage patterns. They adapt, heating up the amount of water you need: no more; no less. While traditional boilers run 24/7/365 waiting to be used, Intellihot systems heat water on demand and keep it flowing when and where people need it. Our process conserves up to 40% of the energy lost in traditional water heating methods. No more waiting, no more wasting.

### Too Smart To Fail

What we make performs to nearly impossible standards. As robust as diesel engines, Intellihot systems are built for decades of like-new operation. Reliability is designed into every inch, from maintenance-free heat exchangers to systems that deliver industrial water capacities without risk of single-point failure. The best part? Built in redundancy and no master controller with our patented masterless cascading technology.