



Intellihot

No more cold showers for these hard working scholars!

With 64 dorms and 120 residents, this busy residence hall also includes a student lounge and full laundry facilities. Intellihot stepped in to replace their old, leaky tanks with energy-efficient and reliable water heating equipment.



Industry

Education

Property Details

64 dorms

120 residents

Product Installed

Three iQ251s

Zero Storage

Installed Capacity

750,000 BTU/hr

Zero Gallons storage

Installation Date

April 2017

Representative

Ferguson Enterprises

Sutton Hall - Milligan College, TN

Founded in 1866, Milligan College is a small, Christian liberal arts college with a student population of more than 1,200. The school is regularly listed as one of the top institutions for higher education in the state of Tennessee. Milligan College operates on deep-rooted Christian values and is committed to maintaining a Christian community within its programs. Milligan College's Sutton Hall sits atop Sutton Hill, and is a traditional women's residence hall houses the McCormick dining center as well as 64 dorms, making it the busiest residence hall on campus. The building also includes a student lounge and full laundry facilities.



The Problem

Sutton Hall had one 80 gallon, 199,000 BTU water heater and two 100 gallon tanks. The old tanks were regularly experiencing leaks and inefficiency. A new, reliable system was needed to keep up with the shower demands of 120 students.



The Intellihot Solution

Three iQ251 units were purchased and installed in this residence hall, and they are supplying the entire building with all the hot water it can handle. All this, without a single storage tank.

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.

Less is more

Intellihot saves money, time and space from installation to operation. Our technology gets up and running quickly and costs less to operate month after month. With all the power of alternative systems at a fraction of the size, our design makes space-hogging boilers and storage tanks totally obsolete.

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.

Change Made Effortless

Technology should adapt to people, not the other way around. Our systems are simple to install, use and maintain - for our customers and our customers' customers. Even as our innovations operate out of sight, every aspect is crafted to be enjoyable, intuitive and surprisingly smart.