



Intellihot

Intellihot delivers hot water to a large resort in the Smokies.

Leaky storage tanks and regular failures drove this large resort to seek a more reliable, efficient solution for its water heating demands. Intellihot's technology delivered a state-of-the-art water heating system and eliminated 1,700 gallons of hot water storage.



Industry

Hospitality

Property Details

713 suites, lodges,
and villas

Product Installed

5 iQ1001s, 2 iQ751s
Zero Storage

Installed Capacity

6,500,000 BTU/hr
Zero Gallons storage

Installation Date

Nov 2015, Nov 2016

Representative

Ferguson Enterprises

Wilderness at the Smokies, Sevierville, TN

Wilderness at the Smokies is a family focused adventure center that includes the Southeast's largest indoor water park, a 3 story ropes course, mini-golf and more. The lodging amenities include a variety of villas, lodges and super-sized suites that can sleep up to 15 people. Guests also enjoy several on-site dining options as well as business and exercise spaces.



The Problem

The facility had 17 tank type heaters. The aging heaters were failing, and leaks and failures were occurring regularly. With several mechanical rooms on the 3rd and 4th floors, management was always concerned that the leaks might damage the below suites. The mechanical rooms were also low on space.



The Intellihot Solution

The management wanted to upgrade to water heating technology that was more efficient and took up less space. Most importantly, they wanted to eliminate the risk of leaking storage tanks. The two iQ751s and five iQ1001s provided them with plenty of commercial water heating capacity without the bulky storage requirement.

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.