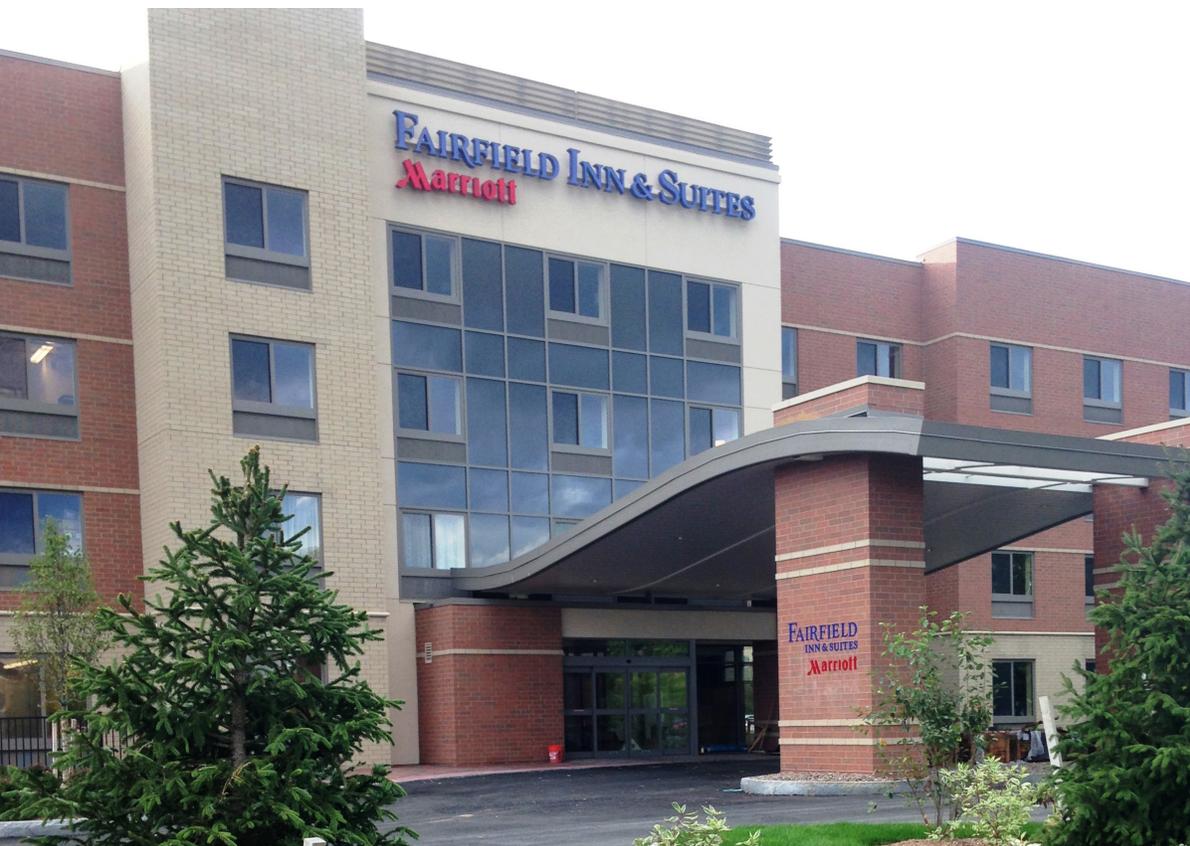




Intellihot

Intellihot chosen as a value-engineering option for this new hotel.

The engineers of this new Fairfield Inn & Suites property were looking for a value-engineering option for the water heating system of this new hotel to keep construction costs within budget. Intellihot was able to deliver an energy-efficient solution that provided significant CapEx and OpEx savings.



Industry

Hospitality

Property Details

108 rooms

4 floors

Product Installed

Two iQ751s, One iQ251

Zero storage

Installed Capacity

1,750,000 BTU/hr

Zero Gallons storage

Installation Date

October 2016

Representative

Adirondack Combustion

The Intellihot solution meets all the demands of Domestic Hot Water (DHW) and Laundry, through an innovative design that contains two floor units for DHW and a wall unit for the laundry. The three units are connected so that there is never any interruption in the hot water supply to the building.

Fairfield Inn & Suites, East Syracuse, NY

Conveniently located just a short drive from Syracuse University, this Marriott brand property is one of the newest hotels in Syracuse. During their stay, guests can enjoy a complimentary breakfast buffet, indoor pool and a 24-hour fitness center. The hotel also includes on-site laundry and valet dry-cleaning.



The Challenge

The original plumbing plan called for two water heaters with storage tanks, but neither the budget nor the mechanical room could accommodate the cost and space that the equipment would have required. The crew was on the hunt for a value-engineering option that would also solve their square footage issue.



The Intellihot Solution

Two iQ751's and one iQ251 were purchased as a value-engineering effort. The two iQ751s formed the primary loop and one iQ251 wall-hung unit was installed to boost temperatures from the primary loop for the hotel's laundry. Intellihot's innovative solution reduced the CapEx of the hotel, and saved valuable space in the mechanical room.

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.