



Intellihot

High Demand. Higher Performance.

This busy airport hotel averaged 98% occupancy and desperately needed redundancy in its water heating system. Intellihot's technology greatly increased their efficiency saving the hotel 65% on gas bills.



Industry

Hospitality

Property Details

15 floors

402 rooms

Product Installed

Eight iQ1001s

Four iQ751s

Installed Capacity

11,000,000 BTU/hr

Zero Gallons storage

Installation Date

March 2015

Representative

California Hydronics Corporation



We are very happy with our Intellihot hot water system. Over the past six months the hotel has had 65% gas savings, plus uninterrupted hot water.

-John Kellites, Hilton General Manager



Hilton San Francisco Airport Bayfront

The Hilton San Francisco Airport Bayfront is a bustling hotel four miles from the SFO airport. Offering views of the San Francisco bay and skyline, it has on-site dining and 11,000 sq feet of event space. Other amenities include a fitness center, an indoor heated pool, and a scenic walking path along the bay.



The Problem

The hotel was running with a single 10 Million BTU/hr, 80% efficiency steam boiler. Replacing the system would require installing two steam boilers to provide sufficient redundancy. This option proved to be very costly and completely unnecessary.



The Intellihot Solution

Eight iQ1001s were installed for the guest rooms totaling 8 million BTU/hr at 94% efficiency with a turn down ratio of 264:1. Four iQ 751s were used for the restaurants, public spaces and meeting facilities. Regardless of demand, Intellihot will always function at peak efficiency; from as low as 30,000 BTU/hr up to the maximum BTU/hr output.

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.