



Intellihot

Apartment Owners save over 30% on hot water fuel bills.

This apartment complex had an outdated water heating system that was increasing their operating budget every year due to their increasing water heating bills. Intellihot's unit was able to cut their heating bills by a third.



Industry

Multi-Family

Property Details

7 floors

88 units

Product Installed

One iQ1001

Zero Storage

Installed Capacity

1,000,000 BTU/hr

Zero Gallons storage

Installation Date

2016

Representative

New England
Combustion

Kimball Court, Woburn, MA

Built in 1989, Kimball Court is a six story 88 apartment building located between route 93 and 128 north of Boston. It is an economy apartment building and the property's management firm wanted to reduce its operating costs. They wanted to design a heating system that would significantly lower the operating costs at Kimball Court apartments. They also wanted to eliminate the risk of Legionella, since that was also a concern with their storage tank, requiring regular preventative maintenance.



The Problem

The building's hot water was produced with atmospheric gas fired water heaters and a 443 gallon storage tank. The non-condensing water heaters would store the hot water in a storage tank which had also been replaced. Additional energy was being lost through the full wall of intake air louvers which opened to provide combustion air for the water heaters and boilers when firing.



The Intellihot Solution

One iQ1001 was installed to optimize efficiency, providing the required hot water on-demand. The Intellihot condensing water heater easily handles the cold 40 degree city water while providing ultra-high efficiencies, significantly reducing the building's operating costs. It has built-in redundancy and operates on 2.5" of water column.

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.