



Intellihot

Intellihot slashes senior housing community's heating bills by 50%.

This senior housing community's hot water system was inefficient and had also become obsolete. Intellihot's progressive technology offered them a much needed update that also improved their bottom line by cutting their heating bills in half.



Industry

Multi-Family

Property Details

3 buildings,
900 total units

Product Installed

Six iQ751s
Zero Storage

Installed Capacity

4,500,000 BTU/hr
Zero Gallons storage

Installation Date

Sept. 2015, June
2016 & Dec. 2016

Representative

New England
Combustion Products

Mary Immaculate Senior Residential Community, Lawrence, MA



MI Community consists of three high rise buildings, totaling 300 apartments. In the past, in order for us to supply the apartments with hot water, we had to run three 2,000,000 BTU boilers, one boiler per building. This setup caused the boilers to short cycle, reducing the life expectancy of the boilers by four to five years. When we learned of Intellihot, from a life expectancy and efficiency perspective, we knew the improvements were going to be instant. The site's gas bill dropped by roughly 40 to 50 percent during the summer months. The rebate from the utility company was helpful and the performance of the water heater was effortless. The decision to install Intellihot units was reinforced by the support provided by Intellihot and their rep, NECP. This experience has taught me a lot with respect to the plumbing functionality of the sites, thanks to NECP and Intellihot's support team. - Ebell Vasquez, Housing Manager





The Problem

The three buildings had been relying on condensing boilers and indirect fired water heaters with 390 gallons of storage for far too long. Mary Immaculate's facilities manager knew that the outdated system was beyond its useful life. The organization needed a more efficient method that would lower the site's operating costs.



The Intellihot Solution

Two iQ751's were installed in each building over 18 months, to optimize efficiency and easily handle the cold, 40 degree groundwater temperature. The fully modulating units deliver maximum input when needed and zero input the rest of the time, which slashes the facility's water heating bill by nearly 50%.

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.