



Intellihot

Affordable Living Gets Luxury Hot Water!

MLK Plaza is a new ground-up residential building developed in the industrial area in eastern Mott Haven, in the South Bronx.



Industry
Multi-Family

Property Details
New Construction

Floors
13

Units
160

Product Installed
3 - iQ751

Installed Capacity
2,250,000 BTU/hr

Zero Gallons storage

Installation Date
June 2019

Representative
Thermal Systems

MLK Plaza is a new ground-up residential building developed in the industrial area in eastern Mott Haven, in the South Bronx. Magnusson Architecture and Planning designed the 13-story affordable building at East 147th Street for Radson Development. Intellihot's tankless water heaters assist in eliminating storage which was originally set in place during the design phase. Extra Energy Savings provided by Enovative AutoHot for pump recirculation are also an added benefit, as well as remote monitoring of life-saving gas, and water leaks along with eliminating the risk that storage tanks have with legionella.



The Problem

Due to the high cost of storage for space within the boiler room, price is an especially important aspect in terms of any long-term financial benefits. Since this building has over 160 units, it is important to also be aware that having a storage room at capacity can negatively affect the residents in terms of risk that storage tanks have with legionella.



The Solution

Intellihot Tankless Hot Water Heaters were chosen for this project for the ease of installation by eliminating the storage tanks on the project due to its small footprint. Plans originally called for (2) 1500 Boilers with 435 gallons of storage. Going by fixture count, we were able to reduce the equipment to (3) iQ751's for a total of 2,250,000 BTU's and zero storage. Intellihot's Domestic Water Heater assists in eliminating storage which was originally set in place during design phase.

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.

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.