



Intellihot

Hot water at high altitudes with fail-safe reliability

This major hospital needed a reliable option for heating water at high altitudes. Intellihot's units were able to handle cold incoming water and providing hot water instantaneously for the entire building.



Industry

Healthcare

Property Details

82,000 square foot

310 licensed beds

Product Installed

Three iQ1501's

Zero Storage

Installed Capacity

4,500,000 BTU/hr

Zero Gallons storage

Installation Date

2016

Representative

Gritton & Associates

Located at 4,658 feet in the mountains, the hospital needed to heat incoming water as cold as 40 degrees. They also needed water heating systems that are absolutely fail-safe so there is no disruption in patient services.

McKay-Dee Hospital, Ogden, UT

This not-for-profit, community focused hospital is the fourth largest hospital in Utah. Serving northern Utah and portions of southeast Idaho and western Wyoming, it offers nationally ranked programs in cancer treatment, heart and vascular treatment and newborn ICU treatment.



The Problem

The hospital sits at an altitude of 4,568 feet in the mountains of Utah, with an average groundwater temperature of 40 degrees. It also needed a fail-proof, reliable option that could continue providing hot water during emergency outages while eliminating legionella.



The Intellihot Solution

Three iQ1501's were installed to easily handle the cold incoming water temperatures. The tankless units offer a robust design that eliminates leaks and legionella which provides the hospital with much-needed redundancy. Intellihot's water heaters are also equipped to convert from natural gas to propane in emergency situations.

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.