

Peppy Heating and Cooling

Case Study

Dual Fuel Intelli Heat Gas Furnace and a Hyper Heat Inverter in Warm Springs Boise Idaho



Case Study: Installation of a Mitsubishi Dual Fuel Intelli Heat Gas Furnace and a Hyper Heat Inverter Outdoor Unit in Warm Springs Boise Idaho



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“Eric is a home owner in Boise, in the Warm Springs area. His house is a two story house that was never comfortable in the basement, where his master bedroom is located. He had an old 80% efficient furnace with an old 10 SEER Air Conditioner that could not keep up in the hottest days of the summer. There were a few things that he wanted solved. – Create a comfortable Master Bedroom, that he could control the temperature in, separate from the rest of the home. – Get a higher efficient furnace and make it a Dual Fuel system so that he could reduce his natural gas consumption. – Obtain a much more efficient air conditioner that had inverter technology, instead of his existing single stage system that is either 100% on or 100% off.”

– Brett Shannon, President of Peppy Heating and Cooling

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OVERVIEW

- **HVAC Contractor:** [Peppy Heating and Cooling](#) (serving Boise, Nampa and surrounding Idaho locations)
- **Client Profile:** Eric is an environmentally conscious customer that is looking for a solution that will also keep his home comfortable
- **Location:** [Warm Springs Boise Idaho area](#)
- **Type of HVAC Service:** Ducted Dual Fuel System with one head in the Main Bedroom
- **System Type:** Mitsubishi Intelli-Heat Coil w/ American Standard S9V2 97% eff Furnace, GL09 Wall Mount Head, and Mitsubishi Hyper Heat Double Stack Inverter Driven Outdoor Unit
- **Products Used:** Mitsubishi PAA-A30B Intelli Heat Coil, S9V2 High Efficiency Furnace, GL09 Wall Mount Head and a MXZ-SM36NAMHZ
- **Duration:** 2 day
- **Specific Challenges:** Making the Main Bedroom Comfortable
- **HVAC Features:** Customized comfort zoning solution by having a wall mount head in the Main Bedroom, Dual Fuel System, and an Inverter driven system to keep the home as comfortable as possible throughout every season.
- **Rebates/Tax Credits:** 25C Tax Credit
- **Warranty Description:** 12-year parts and 12-year labor warranty
- **Maintenance Recommendations:** Bi-Annual Maintenance, replacement of filter in furnace every 3 months, and cleaning of indoor wall mount unit every 1 month and joining Peppy's Comfort Club for even more peace of mind.

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Line Set and Branch Box | S9v2 Furnace with Intelli Heat Dual Fuel Coil



Hyper Heat Outdoor Multizone Unit | Indoor GL Wall Mount Head Bdrm

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The Challenge: Obtaining More Comfort with Higher Efficiency Heating and Cooling

There were a few challenges that Eric wanted solutions for:

1. Create a comfortable Master Bedroom, that he could control the temperature in, separate from the rest of the home.
2. Get a high-efficiency furnace and make it a Dual Fuel system so that he could reduce his natural gas consumption.
3. Obtain a much more efficient air conditioner that had inverter technology, instead of his existing single stage system that is either 100% on or 100% off.

The Solution: A Combination of Ductless, a High-Efficiency Furnace and an Inverter Driven Mitsubishi Heat Pump

1. We installed a wall mount ductless head in the basement, so the home owner was able to keep the bedroom at the most comfortable temperature for him while he was sleeping in there. It has it's own controller, is quiet, and very energy efficient.
2. We replaced the 80% furnace with a 97% S9V2 Furnace, so when the system was running in furnace mode, it would be 17% (or more efficient) than previously. We also installed a heat pump, so instead of creating the heat with the gas of the furnace, we are just moving the heat from outside to inside, all the way down to -13F outside.
3. By replacing the old 10 SEER Air conditioner with a High Efficiency Inverter Driven Mitsubishi Heat Pump, we made the unit now heat and cool, much more efficient than the old air conditioner could.

The Benefits: Lower Utility Bills and Greater Comfort

He is now much more comfortable throughout his whole home, has two sources of heat, and will save much more money on his energy bills year round!

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Cost/Benefit Analysis: Energy Cost Savings Over the Long Term

By switching to this higher end system, the customer will save much more throughout the year in utilities, but maybe even more than that, he finally has a comfortable home!

Summary of a Successful HVAC Installation

“We were able to solve all the issues that the customer was experiencing and create a more efficient home for many years to come!”

– Brett Shannon, President of Peppy Heating and Cooling

Homeowner's Google Review

Coming soon...

Find out how a **Custom Mitsubishi HVAC System Installation** can increase your home comfort. Based in Boise Idaho we serve the entire Treasure Valley area including [Nampa](#), [Meridian](#), [Caldwell](#), [Eagle](#), [Payette](#), [Fruitland](#) and Emmett Idaho.

CALL (208) 906-6928 Today!



Peppy Heating and Cooling

BOISE IDAHO'S BEST HVAC CONTRACTOR
WE'RE PROMPT. WE'RE PREPARED. WE'RE PEPPY!

At Peppy Heating and Cooling, we are an HVAC company that strives to improve the lives of our community through competent, honest services. We only hire dependable people that you can rely on no matter how small or big the job. We strive to consistently provide quality work with long-term results we back up. We guarantee if you are not happy with our work, we will do what it takes to make it right."

~Brett Shannon, President, Peppy Heating and Cooling

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