

Girard Heating and Air Conditioning, Inc.

Case Study #1

Mitsubishi Hyper Heat Pump Installation in Springfield MA



Case Study

A Mitsubishi Smart Multi
Hyper Heat Pump System
Installation in Springfield, MA

Girard
Heating and
Air Conditioning

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Overview: Mitsubishi Hyper Heat Pump Installation in Springfield MA

- HVAC Contractor: [Girard Heating & Air Conditioning, Inc](#)
- Client Profile: Amber M, Springfield, MA
- Location: [Bircham Street, East Springfield, MA 01104](#)
- Type of HVAC Service: Whole Home Conversion from Oil Steam Boiler to Air Handler & Multi-Head Electric Heat Pump System
- System Type: [Mitsubishi](#) Smart Multi Hyper Heat Pump System
- Products Used: (1) Mitsubishi Model MXZ-SM42NAMHZ2-U1 Smart Multi Outdoor Heat Pump Unit (1) Mitsubishi Model PVFY-P12NAMU-E Ducted Air Handler in attic for 2nd Floor Bedrooms (1) Mitsubishi Model PFFY-P06NEMU-E Floor Mounted Indoor Units for Dining Room/Kitchen (1) Mitsubishi model PFKY-P06NLMU-ER.TH High Wall Mounted Indoor Unit in Living Room (2) Mitsubishi Model PFKY-P08NLMU-ER1.TH High Wall Mounted Indoor Unit in Basement & Primary Bedroom (4) Mitsubishi PARFL32MA Remote Controls for Wall & Floor Mounted Units (1) MHK-2 Wireless Wall Mounted Thermostat for Ducted Air Handler 18" Outdoor Unit Heat Pump Stand Slimduct Line Set Coverings to cover piping
- Duration: 11 days (09-15-2025 to 09-25-2025)
- Specific Challenges: Balancing the heating/cooling loads in the home with efficiency standards to qualify for utility rebates through the Mass Save Program.
- Rebates/Tax Credits: System qualifies for 10,000 Whole Home Rebate and 2,000 Federal Tax Credit
- Warranty Description: 12 Year Manufacturer Parts Warranty, 2 Year Contractor Labor Warranty

SUMMARY: Amber M, a homeowner in East Springfield, Ma was looking to transition from an oil-fired steam boiler to a multi zone cold climate heat pump. We were able to solve many problems with her current system including, it was very cold in the primary bedroom located above the garage on the 2nd floor, we were able to heat, cool and dehumidify the homeowners basement, and fix a general inconsistency in temperatures throughout the home. Girard Heating & Air Conditioning was also able to provide central air conditioning throughout the home which did not exist before the installation.

Mitsubishi Hyper Heat Pump Installation in Springfield MA

The Challenge: Balancing the heating/cooling loads in the home with efficiency standards to qualify for utility rebates through the Mass Save Program.

The Solution: We combined a Mitsubishi Smart Multi Heat Pump model MXZ-SM42NAMHZ-U1 with Mitsubishi City-Multi Commercial Products with indoor models PFFY-P06NEMU-E, PKFY-P08NLMU-ER1.TH, PKFY-P06NLMU-ER.TH, PVFY-P12NAMU-E1 to achieve higher overall system efficiencies thus qualifying for the maximum rebates of \$10,000 from Mass Save and \$2,000 Federal Tax Credit through the IRA (Inflation Reduction Act) Program.

The Benefits: The home now has 5 thermostats, controlling separate zones throughout the home and alleviating temperature inconsistencies with the previous oil-fired system, better overall comfort in home with operating cost savings due to heat pump special electric rates in Massachusetts and no longer having to buy oil to heat the home.

Cost/Benefit Analysis: The cost of a custom Mitsubishi HVAC system will vary depending on the size of the home, type of system and complexity of the installation. Mitsubishi Cold Climate Heat Pumps are one the most popular choices for homeowners looking to have a system that is cost effective, quiet and energy efficient in temperatures below zero degrees. Although they may be slightly more expensive than some other types, they are less expensive to run on an annual basis.

***Summary:** “We set out to satisfy customer’s needs of comfort and savings with the rebate and tax credit efficiency standards and hit the bullseye.”– Steve Girard, Girard Heating and Air Conditioning*

If you're in Western Mass, chances are we can help you upgrade to a smarter, more efficient comfort system.

Get a FREE consultation today. CALL (413) 568-2946 today!

Whole Home Conversion Oil Boiler To Heat Pump



Single Outdoor Unit With Mitsubishi Multi Unit Outdoor Unit



Outdoor Close H2i Plus



Multi Air Handler For 2nd Floor Bedrooms



Multi Floor Model In Dining Room And Kitchen



Multi Wall Mount



Multi Wall Unit in Primary Bedroom



Multi Wall Unit In Living Room



VIDEO: Install Mitsubishi Hyper Heat Pump



Top-Rated HVAC Company Springfield MA



The banner features the Girard Heating and Air Conditioning logo on the left, which includes a stylized sun and two penguins. In the center, the text reads "DUCTLESS HEAT PUMP EXPERTS" in large, bold letters, followed by "SERVING WESTFIELD, SPRINGFIELD & WESTERN MASSACHUSETTS" and the phone number "413.568.2946" and website "www.GirardHeatCool.com". On the right, there are logos for Mitsubishi Electric and Diamond Contractors, along with an image of a red service van with the company name and phone number on its side.

Find out how a Custom Mitsubishi HVAC System Installation can increase your home comfort. Based in Westfield. Trusted Across Western Massachusetts, Girard Heating & Air Conditioning proudly serves homeowners in Springfield and throughout Western Massachusetts, including: Springfield, Northampton, Amherst, North Adams, Pittsfield and Great Barrington MA. If you're in Western Mass, chances are we can help you upgrade to a smarter, more efficient comfort system. Get a FREE consultation today.

CALL (413) 568-2946 today!

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