

# Home Energy Rating Certificate

15 Laurel St

Northampton, MA 01060



**5 Stars Plus  
Confirmed**

## Uniform Energy Rating System

|         |             |         |              |         |              |         |              |         |              |
|---------|-------------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|
| 1 Star  | 1 Star Plus | 2 Stars | 2 Stars Plus | 3 Stars | 3 Stars Plus | 4 Stars | 4 Stars Plus | 5 Stars | 5 Stars Plus |
| 500-401 | 400-301     | 300-251 | 250-201      | 200-151 | 150-101      | 100-91  | 90-86        | 85-71   | 70 or Less   |

## Energy Efficient

**HERS Index: -9**

### General Information

|                     |                 |             |                        |
|---------------------|-----------------|-------------|------------------------|
| Conditioned Area:   | 2234 sq. ft.    | HouseType:  | Single-family detached |
| Conditioned Volume: | 23105 cubic ft. | Foundation: | Unconditioned basement |
| Bedrooms:           | 3               |             |                        |

### Mechanical Systems Features

|                          |   |
|--------------------------|---|
| Air-source heat pump:    | Electric, Htg: 12.5 HSPF. Clg: 30.0 SEER. |
| Air-source heat pump:    | Electric, Htg: 12.5 HSPF. Clg: 26.1 SEER. |
| Air-source heat pump:    | Electric, Htg: 12.5 HSPF. Clg: 26.1 SEER. |
| Duct Leakage to Outside: | NA  |
| Ventilation System:      | Exhaust Only: 58 cfm, 7.6 watts.          |
| Programmable Thermostat: | Heating: Yes      Cooling: Yes            |

### Building Shell Features

|                    |        |                    |                             |
|--------------------|--------|--------------------|-----------------------------|
| Ceiling Flat:      | R-59.2 | Slab:              | None                        |
| Sealed Attic:      | NA     | Exposed Floor:     | R-0.0                       |
| Vaulted Ceiling:   | R-62.9 | Window Type:       | U-Value: 0.210, SHGC: 0.200 |
| Above Grade Walls: | R-49.0 | Infiltration Rate: | Htg: 385 Clg: 385 CFM50     |
| Foundation Walls:  | R-22.2 | Method:            | Blower door test            |

### Lights and Appliance Features

|                            |        |                         |          |
|----------------------------|--------|-------------------------|----------|
| Percent Interior Lighting: | 100.00 | Range/Oven Fuel:        | Electric |
| Percent Garage Lighting:   | 100.00 | Clothes Dryer Fuel:     | Electric |
| Refrigerator (kWh/yr):     | 0.00   | Clothes Dryer EF:       | 3.01     |
| Dishwasher Energy Factor:  | 0.84   | Ceiling Fan (cfm/Watt): | 0.00     |

The Home Energy Rating Standard Disclosure for this home is available from the rating provider.

### REM/Rate - Residential Energy Analysis and Rating Software v14.5.1

This information does not constitute any warranty of energy cost or savings.  
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Registry ID: 386949706

Rating Number: HERS-341

Certified Energy Rater: Matt Turcotte

Rating Date: 6/17/15

Rating Ordered For:

### Estimated Annual Energy Cost

| Use               | Confirmed   |               |             |
|-------------------|-------------|---------------|-------------|
|                   | MMBtu       | Cost          | Percent     |
| Heating           | 8.2         | \$358         | -99%        |
| Cooling           | 1.1         | \$49          | -13%        |
| Hot Water         | 3.9         | \$170         | -47%        |
| Lights/Appliances | 19.7        | \$866         | -239%       |
| Photovoltaics     | -41.1       | \$-1804       | 499%        |
| Service Charges   |             | \$0           | -0%         |
| <b>Total</b>      | <b>-8.2</b> | <b>\$-362</b> | <b>100%</b> |

**This home meets or exceeds the minimum  
criteria for all of the following:**

### TITLE

### Company

Address

City, State, Zip

Phone #

Fax #