

MASS SAVE® HOME ENERGY ASSESSMENT REPORT



MassSave.com/Save

Assessment Date: July 14, 2022 *Site/Project ID:* 4502068

Prepared for:

THE AFFORDABLE HOUSING TR 23 Ridgewood Crossing, Hingham, MA 02043

Prepared by:

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ANNUAL ENERGY SAVINGS

From Energy Saving Products Installed Today	\$251.51
From Completing Recommendations	\$1,851.16
TOTAL ESTIMATED ANNUAL ENERGY SAVINGS	\$2,102.67

Description	Quantity	Total Value	Cost to You	ESTIMATED ANNUAL ENERGY SAVINGS*
Landlord HEA	1	\$150.00	\$0.00	N/A
Delmei Handheld Showerhead Chrome (1.7 gpm) 3000.172	2	\$35.28	\$0.00	\$12.83
LIGHTING				
8W BR30 Reflector LED	12	\$93.96	\$0.00	\$238.68
TOTALS		\$279.24	\$0.00	\$251.51

*Savings are estimates based on homes similar to yours and may vary.



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What We Recommend

Please note: if your household income falls within a certain range and you reside in a home with 1 to 4 units, you may be eligible for enhanced incentives (above and beyond what's listed in the following chart). Visit MassSave.com/Qualify to learn more.

Recommended Improvement	Quantity	Estimated Cost *	Incentive/ Rebate	Your Estimated Cost After Incentive/ Rebate	ESTIMATED ANNUAL ENERGY SAVINGS*	Estimated Payback In Years
AIR SEALING						
Door Sweep (with AS hrs)	3 each	\$75.93	\$75.93	\$0.00	--	Immediate
Attic Stair Cover w/ Carpentry (with AS hrs)	1 each	\$289.31	\$289.31	\$0.00	--	Immediate
Air Sealing at Estimated 62.5 CFM50 Per Hour	6 hr	\$555.48	\$555.48	\$0.00	--	Immediate
Exterior Door Weather Stripping (with AS hrs)	3 each	\$90.21	\$90.21	\$0.00	--	Immediate
SUBTOTAL		\$1,010.93	\$1,010.93	\$0.00	\$611.61	Immediate
WEATHERIZATION						
Rim Joist - 2" Thermal Barrier Polyiso	204 SF	\$975.12	\$731.34	\$243.78	\$168.91	1.44
Propavent Half	76 each	\$76.00	\$57.00	\$19.00	--	N/A
Attic Floor - 15" Open Blow Cellulose	700 SF	\$1,582.00	\$1,186.50	\$395.50	\$959.51	0.41
Damming	16 each	\$38.24	\$28.68	\$9.56	--	N/A
SUBTOTAL		\$2,671.36	\$2,003.52	\$667.84	\$1,128.42	0.59
TOTAL		\$3,682.29	\$3,014.45	\$667.84	\$1,740.03	0.38

Equipment Recommendations

Recommended Improvement	Quantity	Estimated Cost *	Incentive/ Rebate	Your Estimated Cost After Incentive/ Rebate	ESTIMATED ANNUAL ENERGY SAVINGS*	Estimated Payback In Years
PRESCRIPTIVE REBATE						
DHW -- On-Demand Tankless Water Heater -- Natural Gas -- Energy Star, >.87 UEF	1 each	Varies	\$700.00	Varies	\$111.13	Varies
SUBTOTAL		Varies	\$700.00	Varies	\$111.13	Varies
TOTAL		Varies	\$700.00	Varies	\$111.13	Varies

*Please note: costs for heating, cooling, and water heating equipment vary depending on type of equipment, size, configuration, removal of old equipment, and contractor pricing. The National Renewable Energy Laboratory's National Residential Efficiency Measures Database provides general, ballpark pricing at nrel.gov/ap/retrofits. Call one or more plumbers and/or heating and cooling contractors of your choice for quotes that are customized to your home and to ensure that they hold all applicable licenses and insurance required by the state. Please note that do-it-yourself installations are not eligible for any Mass Save rebates.

Procedures used to make these estimates are consistent with criteria established by the United States Department of Energy for residential Home Energy Assessments. The costs and incentives detailed above for insulation and air sealing improvements have been estimated by your Energy Specialist under the program for which you may be eligible.

The intent of this table is to illustrate the upgrades which, based on your Home Energy Assessment, will yield the greatest results, and to show the impact that program incentives can have on the improvements you choose to make.

Payback years is the number of years estimated for a package of improvements to pay for itself in energy savings. Payback estimates do not account for future price fluctuations, nor do they incorporate benefits of possible tax credits. A cost-effective upgrade will typically pay for itself within its expected lifetime. Payback estimates are only calculated for packages, because the Home Energy Assessment is based upon a Whole House Approach, and upgrades often work in conjunction with one another to maximize your savings. Remember that payback estimates are indeed estimates. The packages shown in this report reflect the expertise and experience of your Energy Specialist, and you are encouraged to select the recommendations that will best benefit your home. You are advised not to select recommendations or packages solely on the basis of estimated payback, but also to consider failing equipment, health and safety risks, and other non-energy factors such as comfort

0% HEAT Loan

You may be eligible to apply for 0% financing on certain recommended improvements through the Mass Save HEAT Loan Program, which offers 0% financing up to \$25,000 with repayment terms as long as 7 years.

Eligible improvements may include:

- Attic, Wall, and Basement Insulation
- High-Efficiency Heating and Cooling Equipment
- High-Efficiency Water Heaters

To learn more, please visit MassSave.com/HEATLoan.



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Next Steps

Now that you've completed your Home Energy Assessment, you're ready to take the next steps in making your home more energy efficient.

INTERESTED IN 0% FINANCING?
Visit [MassSave.com/HEATLoan](https://masssave.com/HEATLoan) prior to completing the work to see how you can apply.

AIR SEALING AND INSULATION

All air sealing and insulation work is completed at standard pricing, so the cost will not vary between Mass Save participating contractors.

If you would like to be assigned a contractor:

1. Sign your weatherization contract and return it as indicated on the contract.
2. The assigned Mass Save approved Independent Installation Contractor will call you to schedule air sealing and/or insulation work.

-OR-

If you would like to choose your own contractor:

1. Select an Independent Installation Contractor from the list of participating professionals at [MassSave.com/FindAContractor](https://masssave.com/FindAContractor).
2. On your weatherization contract, list the Independent Installation Contractor you selected; sign it, and return the contract.
3. The Lead Vendor or your selected contractor will contact you to schedule air sealing and/or insulation work.

Questions? For more information, contact your Energy Specialist or call **CLEAResult** at **800-480-7472** .

HIGH-EFFICIENCY HEATING, COOLING, WATER HEATING, AND CONTROLS:

1. Consult one or more licensed plumbers or contractors of your choice for quotes.
2. Select a contractor and schedule equipment installation.
3. Once the installation is completed by a licensed contractor, submit rebate applications either by mail or online. Rebate applications provide step-by-step instructions detailing how to participate. To apply for a rebate online, or print a mail-in rebate form, go to [MassSave.com/Rebates](https://masssave.com/Rebates).
4. Visit [MassSave.com/heatingandcooling](https://masssave.com/heatingandcooling) to learn more. Call **1-800-232-0672** with rebate-related questions.



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Your Recommended Improvements

AIR SEALING

Many homes have drafts from holes and gaps in areas throughout the home, such as an unfinished attic, an unfinished basement, plumbing access points, exhaust fans, etc., which can add as much as 20% to your home's heating and cooling costs. In fact, the amount of air leakage in most homes is equivalent to having a window open every day of the year! Air leaks are especially common in older homes and can do long-term damage, causing condensation in walls and ceilings, mildew, and structural problems. Air sealing is the process of closing these gaps and holes to increase the effectiveness of your home's thermal barrier.

We can provide air sealing for targeted areas of your home at no cost.

INSULATION

Your attic and exterior walls take up the largest surface area of your home. Without proper insulation, they can be your greatest areas of heat loss in the winter and cooling loss in the summer. This is especially true of older New England homes, which typically don't have adequate insulation levels. Proper insulation can make a huge difference to your home's comfort in both summer and winter, and can dramatically reduce your energy bills. The energy savings gained will usually pay for the cost of the insulation in just a few years.

We provide 75% off the cost for the recommended improvements. This instant incentive is available to qualified customers who complete eligible insulation upgrades to attics, walls, and/or basements. If your household income falls within a certain income range, you may be eligible for an enhanced offer of 90% off toward recommended insulation improvements. Visit [MassSave.com/Qualify](https://www.masssave.com/Qualify) to learn more.

Eligibility for all incentives is based on findings from the Home Energy Assessment and your local natural gas and electric utility or energy efficiency service provider. Savings are estimates based on homes similar to yours and may vary.

Saving Energy Safely

In order to ensure that you and your family have a safe, energy efficient home for years to come, visit [MassSave.com/Safety](https://www.masssave.com/Safety) to learn more about carbon monoxide, mold, and other safety-related topics

For energy saving tips, visit [MassSave.com/Tips](https://www.masssave.com/Tips)