INTRODUCTION

Tens of thousands of heat pumps have been installed in homes and businesses across Maine. They are the most popular heating system across all of Efficiency Maine’s rebates because they offer highly efficient heating, air conditioning, and dehumidification. Efficiency Maine offers rebates for high-efficiency heat pumps for residential, low-income, and commercial customers.

Heat pumps consist of an outdoor unit connected to one or more indoor units by a line set, which carries heat between the two. Heat pumps are able to provide efficient heating in cold climates even at outdoor temperatures as low as -15 °F.

In addition to heating during the winter, heat pumps can also air condition and dehumidify during the summer.

TO LEARN MORE ABOUT HEAT PUMPS, VISIT EFFICIENCYMAINE.COM FOR INFORMATION ON:

- Rebates
- Financing
- How They Work
- Case Studies
- Installation Considerations
- User Tips

Chart provides a comparison of annual heating costs for common system types and fuels. Chart uses recent pricing, typical efficiency values, and a home heating load equivalent to 820 gallons of oil. Comparison chart values updated 1/5/2023. See inside or visit efficiencymaine.com for more details and information.
HEAT PUMP COMPONENTS

BENEFITS
1. Save money
2. Increase year-round comfort
   • Heat
   • AC
   • Dehumidification
   • Air filtration
   • Indoor air circulation

FINANCIAL EXAMPLE
One Heat Pump Indoor Unit

<table>
<thead>
<tr>
<th></th>
<th>LOW &amp; MODERATE INCOME</th>
<th>ANY INCOME</th>
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</thead>
<tbody>
<tr>
<td>INSTALLED COST</td>
<td>$4,600</td>
<td>$4,600</td>
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<tr>
<td>REBATE</td>
<td>$2,000</td>
<td>$800</td>
</tr>
<tr>
<td>COST BEFORE TAX CREDIT</td>
<td>$2,600</td>
<td>$3,800</td>
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<tr>
<td>FEDERAL TAX CREDIT (30%)</td>
<td>$780</td>
<td>$1,140</td>
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<tr>
<td>FINAL COST</td>
<td>$1,820</td>
<td>$2,660</td>
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<tr>
<td>ANNUAL SAVINGS*</td>
<td>$437</td>
<td>$437</td>
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<tr>
<td>PAYBACK PERIOD (YEARS)</td>
<td>4.2</td>
<td>6.1</td>
</tr>
</tbody>
</table>

FINANCIAL EXAMPLE

Save $437 a Year* with Heat Pumps
This example shows how adding a heat pump to an oil-heated home will reduce oil cost more than it will increase electricity cost.

*Your results may differ. Source: Efficiency Maine Compare Home Heating Costs as of 05/24/23. Oil at $3.74/gallon, 87% combustion efficiency, and 90% distribution efficiency. Electricity at $0.26/kWh without a heat pump, and at $0.23/kWh with a heat pump. Heat pump COP is 2.7 and has 100% distribution efficiency.