

ELIGIBLE IMPROVEMENTS / RETROFITS

When replacing ANY of the equipment listed in this brochure, the new equipment must have an efficiency rating equal to or higher than that of the original equipment. The second system must be of the same type and efficiency.

HEATING SYSTEM	Federal Rebate Amounts		Nova Scotia Rebate Amounts
	1 st system	2 nd system	
Replace your heating system with:			
<ul style="list-style-type: none"> an ENERGY STAR ® qualified gas furnace that has a 92.0 percent annual fuel utilization efficiency (AFUE) or higher 	\$375	\$190	N/A
<ul style="list-style-type: none"> an ENERGY STAR qualified gas furnace that has a 92.0 percent AFUE or higher and a brushless DC motor 	\$625	\$315	N/A
<ul style="list-style-type: none"> an ENERGY STAR qualified gas furnace that has a 94.0 percent AFUE or higher and a brushless DC motor 	\$650	\$350	N/A
<ul style="list-style-type: none"> an ENERGY STAR qualified gas furnace that has a 94.0 percent AFUE or higher and a brushless DC motor (when installing a condensing furnace for the first time) 	\$790	\$400	N/A
<ul style="list-style-type: none"> an ENERGY STAR qualified condensing gas boiler that has a 90.0 percent AFUE or higher 	\$750	\$375	N/A
<ul style="list-style-type: none"> an ENERGY STAR qualified oil boiler that has an 85.0 percent AFUE or higher 	\$750	\$375	N/A
<ul style="list-style-type: none"> an ENERGY STAR qualified oil furnace that has an 85.0 percent AFUE or higher 	\$375	\$190	N/A
<ul style="list-style-type: none"> an ENERGY STAR qualified oil furnace that has an 85.0 percent AFUE or higher and a brushless DC motor 	\$625	\$315	N/A
In the case of mobile homes (only)			
<ul style="list-style-type: none"> where a zero-clearance furnace is being replaced, an ENERGY STAR qualified gas furnace zero-clearance furnace that has a 90.0 percent AFUE or higher 	\$375	N/A	N/A
Install an earth-energy system (ground or water source) that is compliant with CAN/CSA-C448 and certified by the Canadian GeoExchange Coalition (www.geo-exchange.ca) – applies to a new system or a complete replacement.	\$4,375	N/A	N/A
Replace a heat pump unit of an existing earth-energy system (ground or water source). The system must be compliant with CAN/CSA-C448 and certified by the Canadian GeoExchange Coalition (www.geo-exchange.ca). (*per equipment replaced)	\$1,750	N/A	N/A
Replace your existing space and domestic water heating equipment with an integrated mechanical system (IMS) that has an overall thermal performance factor of 0.90 or higher. The system must be compliant with the CSA P.10-07 standard and meet or exceed the standard's premium performance requirements. (*per equipment replaced)	\$1,625	N/A	N/A

N/A = Not Applicable

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HEATING SYSTEM (Continued)	Federal Rebate Amounts		Nova Scotia Rebate Amounts
	1 st system	2 nd system	
Replace your wood-burning appliance with a model that meets either CSA-B415.1-M92 or the U.S. Environmental Protection Agency (EPA) (40 CFR Part 60) wood-burning appliance standard; an indoor wood pellet-burning appliance (includes stoves, furnaces and boilers that burn corn, grain or cherry pits); or a masonry heater. (*per equipment replaced)	\$375	\$190	N/A
Replace your solid fuel-fired outdoor boiler with a model that meets CAN/CSA-B415.1 or the U.S. EPA Outdoor Wood-fired Hydronic Heater (OWHH Method 28) Program, Phase 1. The capacity of the new boiler must be equal to or smaller than the capacity of the boiler being replaced.	\$375	N/A	N/A
Install a minimum of 5 electronic thermostats for electric baseboard heaters. Electric baseboard heating must be the primary space heating system. (*for each set of 5 electronic thermostats)	\$40/5	N/A	N/A
Install an ENERGY STAR qualified air-source heat pump for both heating and cooling that has a seasonal energy efficiency ratio (SEER) of 14.5 or higher and a minimum heating capacity of 12 000 Btu/hour. (*per equipment installed) See «Important Information about Air-Source Heat Pumps and Central Air Conditioners».	\$500	N/A	N/A

Important Information about Air-Source Heat Pumps and Central Air Conditioners

In the case of **air-source heat pumps and central air conditioners**, a manufacturer’s new ENERGY STAR qualified matched condenser coil (outdoor unit comprising a condenser coil, compressor and cooling fan) and indoor evaporator coil (typically located with the furnace/air handler) must have a SEER of 14.5 or higher. Under no circumstances will the replacement of only one of these coils entitle the homeowner to a rebate, just as components that are not certified by the manufacturer as being matched (i.e. tested together) will not be accepted. Currently, some manufacturers match their low SEER air conditioner/air source heat pump coil packages with one of their brushless DC motor-equipped furnaces (i.e. blowers) as a method to reduce the power consumption requirement for ENERGY STAR compliance and labelling. However, this arrangement is not accepted under the ecoENERGY Retrofit – Homes program because NRCan already provides separate rebates for furnaces that have an energy-efficient brushless DC motor.

To be ENERGY STAR qualified in Canada, in addition to the minimum requirements of SEER 14.5, air-source heat pumps must also have a minimum heating seasonal performance

factor (HSPF) of 7.1 for Region V, which is more reflective of the Canadian climate. If the heat pump is only rated for Region IV, which is used in the United States, it must have a minimum HSPF of 8.2.

Mini-split (ductless) air-source heat pumps must have at least one head per floor, excluding the basement, to qualify for a rebate.

In the case of **mini-split (ductless) air conditioners** that do not have at least one head per floor, excluding the basement, each head will be considered a room air conditioner and the rebate amount will be reflected as such.

When having your new central air conditioner or air-source heat pump installed, ask the contractor to indicate on your invoice the manufacturer’s name (not the model name) of the condenser coil and the model numbers of both the new condenser and evaporator coils. Preferably, the Air-Conditioning and Refrigeration Institute (ARI) reference number should also be referenced on the invoice. The energy advisor will request to see this information when performing the post-retrofit evaluation.

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COOLING SYSTEM (Replacement Only)	Federal Rebate Amounts		Nova Scotia Rebate Amounts
	1 st system	2 nd system	
Replace your central air-conditioning system with an ENERGY STAR qualified system that has a SEER of 14.5 or higher (complete system replacement, including indoor coil and outdoor components). See «Important Information about Air-Source Heat Pumps and Central Air Conditioners».	\$250	N/A	N/A
Replace your window air conditioner(s) with an ENERGY STAR qualified unit(s). See «Important Information about Air-Source Heat Pumps and Central Air Conditioners».	\$25 <small>(per unit replaced; maximum of 5 units)</small>	N/A	N/A
VENTILATION SYSTEM (New Installation or Replacement)			
Install a ventilation system that is certified by the Home Ventilating Institute (HVI) as a heat- or energy-recovery ventilator. The HVI Product Directory is available at www.hvi.org . Click “Consumers” and “Certified Products Directory.” (*per equipment installed)	\$375	N/A	N/A
DOMESTIC HOT WATER SYSTEM			
Install a solar domestic hot water system with solar collectors that meets the CAN/CSA F378.87 standard and provides a minimum energy contribution of 6000 megajoules per year. For a list of eligible solar collectors, see the “Glazed Water Heating Solar Collectors – Flat Plate Collectors” and “Glazed Water Heating Solar Collectors – Evacuated Tube and Concentrating Collectors” sections of the “List of Accepted Solar Collectors” found at www.ecoaction.gc.ca/heat . (*per equipment replaced)	\$1,250	N/A	N/A
Replace your domestic hot water heater with an ENERGY STAR qualified instantaneous, gas-fired water heater that has an energy factor (EF) of 0.82 or higher and is on the ecoENERGY Retrofit – Homes list of eligible domestic hot water heaters (refer to the Web site indicated at the end of this brochure). (*per equipment replaced)	\$315	N/A	N/A
Replace your domestic hot water heater with an ENERGY STAR qualified instantaneous, condensing gas-fired water heater that has an EF of 0.90 or higher and is on the ecoENERGY Retrofit – Homes list of eligible domestic hot water heaters (refer to the Web site indicated at the end of this brochure). (*per equipment replaced)	\$375	N/A	N/A
Replace your domestic hot water heater with a condensing gas storage- type water heater that has a thermal efficiency of 94 percent or higher and is on the ecoENERGY Retrofit – Homes list of eligible domestic hot water heaters (refer to the Web site indicated at the end of this brochure). (*per equipment replaced)	\$375	N/A	N/A
Install a drain-water heat recovery (DWHR) system. Rebates are based on the efficiency of the system, determined by an independent testing facility. For a list of eligible systems and their efficiency, go to www.ecoaction.gc.ca/homes and refer to “Questions and Answers.” (*per equipment installed)			
• efficiency between 30.0 and 41.9 percent	\$95	N/A	\$75
• efficiency of 42.0 percent or higher	\$165	N/A	\$130
Install an indirect hot water heater with a low mass boiler (oil or gas) (*per equipment installed)	N/A	N/A	*\$250

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BUILDING ENVELOPE

When adding insulation to the building envelope, pay special attention to the type and the placement of vapour barriers per local building codes.

CEILING INSULATION

A minimum of 20 percent of the total ceiling area must be insulated to qualify. When the roof has more than one type (i.e. attic, cathedral ceiling, flat roof), all applicable rebates are pro-rated based on the ceiling area that is insulated. The maximum rebate for any combination of attic, cathedral ceiling and flat roof is \$750 from NRCan and \$600 from Conserve Nova Scotia. Rebates listed reflect 100 percent of the ceiling area being of one roof type.

Increase the insulation value of:	STARTING POINT					
	R-12 and less		Greater than R-12 and up to R-25		Greater than R-25 and up to R-35	
	Federal	Provincial	Federal	Provincial	Federal	Provincial
• your attic to achieve a total minimum insulation value of RSI 7 (R-40)	\$500	\$400	\$250	\$200	N/A	N/A
• your attic to achieve a total minimum insulation value of RSI 8.8 (R-50)	\$750	\$600	\$375	\$300	\$125	\$100
• your flat roof and/or cathedral ceiling to achieve a total minimum insulation value of RSI 5 (R-28)	\$750	\$600	\$250	\$200	N/A	N/A

Add a minimum insulation value of RSI 1.8 (R-10) to your uninsulated flat roof and/or cathedral ceiling and qualify for a rebate of \$500 from NRCan and \$400 from Conserve Nova Scotia.

EXTERIOR WALL INSULATION

MINIMUM ADDITIONAL INSULATION

	Percent area	R-3.8 to R-9		Greater than R-9	
		Federal	Provincial	Federal	Provincial
A minimum of 20 percent of the total exterior wall area must be insulated to qualify. The rebate is based on the percentage of wall area that is insulated and does not include walls between individual dwelling units. See "Important Note about Semi-Detached and Row Houses".	20%	\$225	\$180	\$375	\$300
	40%	\$450	\$360	\$750	\$600
	60%	\$675	\$540	\$1,125	\$900
	80%	\$900	\$720	\$1,500	\$1,200
	100%	\$1,125	\$900	\$1,875	\$1,500

EXPOSED FLOOR INSULATION

(overhangs and floors above an unheated space, excluding crawl spaces)

Insulate your entire exposed floor and increase its insulation value by a minimum of RSI 3.5 (R-20). A minimum floor area of 14 square metres (150 square feet) must be insulated to qualify.

	Federal	Provincial
	\$190	\$150

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FOUNDATION INSULATION

When both a basement and crawl space are present, all applicable rebates are pro-rated, to a maximum of \$1,250 from NRCan and \$1,000 from Conserve Nova Scotia, based on the total wall area that is insulated.

BASEMENT INSULATION

A minimum of 20 percent of the foundation’s wall area (including basement and crawl space walls, when applicable) must be insulated to qualify. The rebate is based on the percentage of wall area that is insulated and does not include walls between individual dwelling units. See “Important Note about Semi-Detached and Row Houses”.

MINIMUM ADDITIONAL INSULATION

Percent area	R-10 to R-23		Greater than R-23	
	Federal	Provincial	Federal	Provincial
20%	\$125	\$100	\$250	\$200
40%	\$250	\$200	\$500	\$400
60%	\$375	\$300	\$750	\$600
80%	\$500	\$400	\$1,000	\$800
100%	\$625	\$500	\$1,250	\$1,000

BASEMENT HEADER INSULATION

Seal and insulate your entire basement header area, increasing its insulation value by a minimum of RSI 3.5 (R-20)

MINIMUM ADDITIONAL INSULATION
R-20

Federal	Provincial
\$125	\$100

CRAWL SPACE INSULATION

Insulate 100 percent of the crawl space’s total exterior wall area, including the header area. See “Important Note about Semi-Detached and Row Houses”.

Or

Insulate 100 percent of the floor above the crawl space to increase its insulation value by a minimum of RSI 4.2 (R-24).

MINIMUM ADDITIONAL INSULATION

R-10 to R-23		Greater than R-23	
Federal	Provincial	Federal	Provincial
\$500	\$400	\$1,000	\$800
N/A	N/A	\$250	\$200

IMPORTANT NOTE ABOUT SEMI-DETACHED AND ROW HOUSES

In the case of a semi-detached or row house that is an end unit, the rebate amount for the insulation of exterior walls, basement or crawl space walls is 75 percent of the amounts shown. In the case of a row house that is a middle unit, the rebate amount is 50 percent of the amounts shown.

AIR SEALING

Perform air sealing to improve the air tightness of your home to achieve the air change rate indicated in your ecoENERGY Retrofit report.

Federal Provincial

\$190 \$150

Federal Provincial

BONUS: If you reach 10 or 20 percent better than the target included in your report, you can obtain an additional rebate.

10%	\$120	\$75
20%	\$240	\$150

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DOORS/WINDOWS/SKYLIGHTS (heated space only)

Federal Rebate Provincial Rebate

Replace windows and skylights with models that are ENERGY STAR qualified for your climate zone. (*per unit replaced)

*\$40

*\$30

Rebates for windows and skylights are based on the number of rough openings (RO) in which windows or skylights were replaced between the pre- and post-retrofit evaluations. Each RO is counted as one window or skylight. An RO is defined as the structurally stable opening created by the builder for the installation of the window unit (i.e. framing and glazing) or skylight. (Note that a bay window, which may be made up of several windows, is regarded as one RO).

Replace your exterior door(s) with an ENERGY STAR qualified model(s) for you climate zone. (*per unit replaced)

*\$40

*\$30

To be eligible for a rebate, proof of ENERGY STAR qualification of windows, doors and skylights is required, such as the presence of an ENERGY STAR label on all of the replacement windows, doors or skylights indicating they are ENERGY STAR qualified for the house’s climate zone. If the labels are removed by the installer, you should request them as proof, or request a copy of an invoice indicating:

- the brand/product name
- the NRCan model reference number or the manufacturer’s model code
- the climate zone for which the windows, doors or skylights are qualified

WATER CONSERVATION

Federal Rebate Provincial Rebate

Replace your toilet with a low-flush or dual-flush toilet rated at 6 litres per flush or less that meets the Los Angeles Supplementary Purchase Specification (SPS) and has a flush performance of 350 grams or more. (*per unit replaced)

*\$65

*\$50

(maximum of
4 units per
home)

(maximum of
4 units per
home)

A product list is available on the Veritec Consulting Inc. Web site at www.veritec.ca. Click “Reports” and select “ecoENERGY Eligible.”

IMPORTANT NOTES

1. Natural Resources Canada and Conserve Nova Scotia reserve the right to revise the information contained in this document, including the rebate amounts and the eligibility requirements, without notice. The payment of rebates is also subject to the availability of funds. Refer to the Web site indicated below for the most up-to-date information, or contact your local licensed service organization.
2. All upgrades or renovations must meet local codes and by-laws. Before undertaking upgrades or renovations, find out about the appropriate products and installation techniques to ensure that your home’s building envelope and indoor air quality will not be compromised.
3. Read carefully the recommendations found in your ecoENERGY Retrofit – Homes report for more information.
4. Renovations that are part of an addition made to a property following the pre-retrofit evaluation are not eligible for a retrofit rebate and may reduce the rebate amount for the improvement done on the existing portion of the house. Consult your energy advisor.
5. Insulation value in RSI equals the R insulation value divided by 5.678
6. For more information on ENERGY STAR qualified products, visit energystar.gc.ca. The ENERGY STAR name and the ENERGY STAR symbol are registered trademarks of the United States Environmental Protection Agency and are used with permission.

www.ecoaction.gc.ca/homes
www.conservens.ca/energiguide

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