

Heating, Ventilation & Air Conditioning (HVAC)

2012 Rebate

FORM



Steps to Getting Your Rebate:

1. Install your equipment.
2. Submit completed rebate form with invoice or proof of purchase.
3. Rebate check will be mailed directly to payee listed below.

Submit your completed form and proof of purchase to:

Mail: Efficiency Vermont
c/o Rebate Coordinator
128 Lakeside Ave., Suite 401
Burlington, VT 05401

Fax: 802-658-1643

E-mail: info@efficiencyvermont.com

Note: For Burlington projects, submit forms to:
Burlington Electric Department
c/o Energy Services Area
585 Pine St.
Burlington, VT 05401

Need-to-Know Info:

- Please see Terms and Conditions on the back of this form.
- Oil, propane, and wood biomass heating system rebates are available to all Vermont residents, regardless of electric utility.
- For natural gas service and rebate availability, call Vermont Gas Systems at **802-863-4511, ext. 321**.
- Disposal of air conditioning refrigerant must comply with State and Federal regulations. Rebates do not cover the cost of refrigerant disposal.
- For more information on these products, visit **www.efficiencyvermont.com/hvac** or call **888-921-5990**.
- Burlington Electric Department (BED) administers efficiency programs for the City of Burlington, including the rebates listed on this form. For more information, call 802-865-7342. Rebates for all Burlington new construction projects require pre-approval from BED.



CUSTOMER INFORMATION & AGREEMENT

Commercial Customer Residential Customer

Business Name	Contact Name/Title		
Address (of installation location)	City/Town	State	Zip
Mailing Address (if different)	City/Town	State	Zip
Telephone #	E-mail Address		
Electric Utility Company	Electric Utility Account # (of installation location)	Installation Date	
Is equipment installed in a newly constructed building? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, provide project square feet _____			

I certify that I meet the eligibility requirements of this rebate program and that all information submitted as part of this application, including proof of purchase, is correct to the best of my knowledge. I agree to the terms and conditions listed on this application form.

Customer Signature (required even if rebate is going to vendor) _____ Date _____



PAYEE INFORMATION

Rebate check payable to: _____

Federal Tax Payer Identification Number (TIN): (please select one)

- Corporation (TIN not required) Tax-Exempt Organization (TIN not required) City, County, or State Dept., Govt. or Agency (TIN not required)

Others (please provide SSN or EIN)

Social Security Number								

or

Employer Identification Number								

Contact Information: Same as above

Contact Name	
Mailing Address	City/Town
State	Zip

For Internal Use	W
Approval	Tracking #

1

UNITARY AIR CONDITIONING & SPLIT SYSTEMS

Eligibility Requirements (For a directory of matched and qualifying units, visit www.ceehvacdirectory.org.)

- For commercial installations, single package units and ducted split systems are eligible.
- For residential installations, only ducted split systems are eligible.
- Ductless mini-split systems are not eligible.
- Split systems: Both the condensing unit and the evaporator coil must be matched and together meet or exceed the minimum efficiency rating defined below for split systems.

For Commercial Installation Only

Btu / Hour	Tons	Tier 1 Minimum (SEER / EER / IEER)	Tier 1 Rebate / Ton	Tier 2 Minimum (SEER / EER / IEER)	Tier 2 Rebate / Ton
< 65,000 Split	< 5.4	n/a	n/a	15.0 SEER 12.5 EER	\$90
< 65,000 Packaged	< 5.4	n/a	n/a	15.0 SEER 12.0 EER	\$90
65,000 to < 135,000	5.4 to < 11.25	12.8 IEER 11.5 EER	\$60	13.8 IEER 12.0 EER	\$80
≥ 135,000 to < 240,000	11.25 to < 20	12.3 IEER 11.5 EER	\$60	13.0 IEER 12.0 EER	\$80
240,000 to < 760,000	20 to < 63	11.1 IEER 10.3 EER	\$35	12.1 IEER 10.6 EER	\$50

For Residential Installation Only

Btu / Hour	Tons	Minimum SEER	Minimum IEER	Minimum EER	Rebate / Unit
< 65,000 Split	< 5.4	14.5	n/a	12.0	\$100



Fill Out Below

Manufacturer	Model # <small>(if split system, provide condensing unit AND evaporator coil model #s)</small>	Serial #	SEER	IEER	EER	A = Unit Size: Tons <small>(commercial)</small> or Quantity <small>(residential)</small>	B = Rebate / Ton or Unit <small>(see table above)</small>	A x B = Rebate Amount
Total Rebate Section 1								\$

2

INTEGRATED DUAL ENTHALPY ECONOMIZER CONTROLS

Eligibility Requirements | Commercial Installation Only

- Controllers are eligible for rebates only when they are installed with new, qualifying equipment in commercial buildings.

Rebate (\$250) can only be applied to one controller per equipment UNIT (rooftop unit or air conditioning unit).



Fill Out Below

Manufacturer	Model #	A = Quantity of Controllers	B = Rebate / Controller	A x B = Rebate Amount
			\$250	
			\$250	
Total Rebate Section 2				\$

3

WATER SOURCE HEAT PUMPS

Eligibility Requirements | Commercial Installations Only

- Minimum EER: **14** (Cooling Mode: 85°F entering water temperature.)
- Minimum COP: **4.6** (Heating Mode: 70°F entering water temperature.)



Fill Out Below

Manufacturer	Model #	Serial #	EER	COP	A = Unit Size (tons)	B = Rebate / Ton	A x B = Rebate Amount
						\$80	
						\$80	
						\$80	
Total Rebate Section 3							\$

4

VENTILATION FANS

Eligibility Requirements | Commercial Installations Only

- Ventilation fans must be ENERGY STAR® qualified. For qualifying models, see www.energystar.gov.
- Custom incentives and savings analysis may be available for fans over 500 CFM.

Ventilation Fans		
CFM Code	CFM	Rebate
CFM1	10 - 89 CFM	\$60
CFM2	90 - 150 CFM	\$60
CFM3	151 - 250 CFM	\$35
CFM4	251 - 500 CFM	\$35

Ventilation Fan Control	
Control Code	Control Type
OC	Occupant Control (Switch)
TC	Temperature Control (Thermostat)
CR	Continuous Run (24 / 7 Operation)



Fill Out Below

CFM Code <small>(see table above)</small>	Control Code <small>(see table above)</small>	Manufacturer	Model #	A = Quantity of Fans	B = Rebate / Fan	A x B = Rebate Amount
Total Rebate Section 4						\$

5

VARIABLE FREQUENCY DRIVES (VFDs)

Eligibility Requirements | Commercial Installation Only

- Eligible VFDs are 3 to 10 horsepower (HP) only.
- Eligible VFDs control HVAC supply fans, return fans, boiler draft fans, cooling tower fans, chilled water and heating hot water pumps.
- NOT eligible: forward-curve fans with inlet guide vanes, variable pitch vane-axial fans, circulation pumps with integral variable speed technology, and VFD installations required by the Vermont Commercial Energy Code.
- VFDs must be new and cannot replace existing VFDs.
- VFDs must be controlled by an automatic signal (differential pressure, flow, or temperature).
- Each VFD must include a series reactor (inductor, choke) in its AC input connections. The minimum is a 3% impedance reactor, based on the HP rating of the VFD to be installed.
- Custom savings analysis and rebates may be available for other applications and larger systems.

Equipment Code	Equipment Type
SF	Supply Fan
RF	Return Fan
BDF	Boiler Draft Fan
CTF	Cooling Tower Fan
CWP	Chilled Water Pump
HWP	Heating Hot Water Pump

VFD Size	Rebate / VFD
3.0 HP	\$500
5.0 HP	\$750
7.5 HP	\$1,000
10 HP	\$1,200



Fill Out Below

Equipment Code <small>(see table)</small>	VFD Size <small>(HP)</small>	A = Quantity of VFDs	B = Rebate / VFD	A x B = Rebate Amount
Total Rebate Section 5				\$

6

EFFICIENT CIRCULATOR PUMPS

Eligibility Requirements | Commercial Installations Only

- Must be used in space heating application (with or without cooling).
- Pump must have integrated variable speed control.
- Pump must have high-efficiency motor (e.g., BPM, ECM, ICM).

Equipment Code	Pump Size <small>(max. rated amperage)</small>	Rebate / Pump
CP1	≤ 1.25	\$125
CP2	> 1.25 - ≤ 5	\$250
CP3	> 5	\$400



Fill Out Below

Equipment Code <small>(see table above)</small>	Manufacturer	Model #	A = Quantity of Pumps	B = Rebate / Pump	A x B = Rebate Amount
Total Rebate Section 6					\$

7 FURNACE FAN MOTORS

For natural gas service and rebate availability pertaining to equipment on this page, contact Vermont Gas Systems at 802-863-4511, ext. 321.

Eligibility Requirements | Residential Installation Only

- For furnaces < 225 MBh capacity that contain a high-efficiency fan motor (e.g., BPM, ECM, ICM) listed on the HVAC Eligible Products List at www.encyvermont.com/hvac.
- Furnace must meet ENERGY STAR requirements at www.energystar.gov.

Fuel Type	Minimum Efficiency
Liquid Propane (LP)	90% AFUE
Natural Gas	90% AFUE
#2 Fuel Oil	83% AFUE



Fill Out Below

Manufacturer	Model #	Fuel Type (check one)			Efficiency % (AFUE)	Connected to AC? (check one)		Unit Capacity (MBh input)	A = Rebate / Motor	B = Rebate Amount
		LP	Gas	Oil		Yes	No			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		\$100	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		\$100	
Total Rebate Section 7									\$	

8 FURNACES

Eligibility Requirements | Commercial Installation Only

- For space heating applications only.
 - Liquid propane (LP) gas and #2 fuel oil only.
 - Custom incentives and savings analysis available for furnaces >500 MBh and non-space heating applications.
- ECM® Rebate (all fuel types): \$100 / Motor*

Fuel Type	Size (MBh output)	Minimum Efficiency
LP	< 225 MBh	90% AFUE
LP	≥ 225 - 500 MBh	82% Thermal Efficiency (E _t)
#2 Fuel Oil	< 225 MBh	85% AFUE
#2 Fuel Oil	≥ 225 - 500 MBh	82% E _t



Fill Out Below

Manufacturer	Model #	Fuel Type (check one)		Efficiency % (AFUE or E _t)	A = Unit Capacity (MBh output)	B = Rebate / MBh	C = \$100 ECM Rebate (if applicable)	A x B + C = Rebate Amount
		LP	Oil					
		<input type="checkbox"/>	<input type="checkbox"/>			\$2		
Total Rebate Section 8								\$

9 BOILERS

Eligibility Requirements | Commercial Installation Only

- For space heating applications using LP gas and #2 fuel oil only.
- Custom incentives and savings analysis available for boilers > 500 MBh and for non-space heating applications.

Size (MBh output)	Minimum Efficiency
< 300 MBh	85% AFUE
≥ 300 - 500 MBh	87% E _t



Fill Out Below

Manufacturer	Model #	Fuel Type (check one)		Efficiency % (AFUE or E _t)	A = Unit Capacity (MBh output)	B = Rebate / MBh	A x B = Rebate Amount
		LP	Oil				
		<input type="checkbox"/>	<input type="checkbox"/>			\$2	
Total Rebate Section 9							\$

CENTRAL WOOD PELLET BOILERS & FURNACES (≤ 300 MBH)

Eligibility Requirements | Residential & Small Commercial Installations Only

Note: Work with your contractor to ensure that your project meets all eligibility requirements.

- Rebates are for new, high-efficiency wood pellet boilers and furnaces utilized as primary central heating systems and are intended to reduce fossil fuel usage (e.g., oil, propane, kerosene).
- Custom incentives may be available for commercial wood chip and pellet heating systems, including those >300 MBH in output. For more information, call **888-921-5990**.
- System must include:
 - Fuel storage capacity of at least one ton, or capacity such that the system may continuously operate for a period of at least one week;
 - Automated fuel feed from a bulk storage container / area to the burn chamber in an integrated path;
 - Automated on / off fuel feed control based on a demand for heat.
- Systems must comply with all applicable Environmental Protection Agency and Vermont standards for particulate matter emissions.
- Systems classified as Outdoor Wood Boilers (OWB) or Outdoor Wood Fired Hydronic Heaters (OWHH) that use cord wood and are installed outside are not eligible.
- Systems must comply with all manufacturer requirements and any applicable state and local codes or ordinances.
- Replacement or expansion of existing biomass system components does not qualify.
- Additional incentives may be available for residential customers who have completed energy efficiency projects with a Home Performance with ENERGY STAR contractor. To learn more, call **888-921-5990** or visit www.encyvermont.com/homeperformance.

System Type	Unit Size (MBh output)	Minimum Efficiency*	Minimum System Capacity of building heat load**	Rebate / System
Boiler/Furnace	≤ 300	80% E _t	70%	\$1,000

*Thermal efficiency at peak load based on higher heat value method. Proof of high heat value required.

**Contact your supplier / contractor to confirm heat load requirement or visit www.encyvermont.com/hvac for heat load calculation tool.



Fill Out Below

System Type: Boiler Furnace Existing System Fuel Type: LP Oil Other _____

Home / Building Age: _____ Home / Building Square Feet: _____

Are you working with a Home Performance with ENERGY STAR contractor? Yes No If so, who? _____

Fuel Storage Capacity	Manufacturer	Model #	Efficiency % (E _t)	Unit Size (MBh output)	Estimated Building Heat Load**	A = Rebate / System	B = Rebate Amount
						\$1,000	
Total Rebate Section 10							\$

REBATE FORM TOTAL Sections 1-10 \$ _____

TERMS & CONDITIONS

REBATE OFFER is for new equipment installed in 2012 by customers of Vermont electric utilities. It is subject to change without notice and may not be combined with any other offer. **PRE-APPROVAL** is required prior to purchase for rebate forms including greater than 100 items, \$5,000 rebate payment, or for new construction projects 10,000 sq. ft. or larger. **PROOF OF PURCHASE** includes invoice(s) indicating the size, type, manufacturer, model or part number, purchase date, and vendor of the efficient equipment. The right to verify sales transactions and to inspect all installations is reserved. **LIMITATION OF LIABILITY:** Performance of installed equipment is not guaranteed expressly or implicitly. **ENDORSEMENT:** No particular manufacturers, products, or system designs are endorsed through this program. **PAYMENT:** Allow 60 days for delivery of payment. Submitting a rebate form with incomplete or missing information will delay processing of payment. **MAXIMUM PAYMENT** will not exceed 100% of the equipment purchase price. Customer/contractor is responsible for all costs associated with sales tax, installation, and disposal/recycling. Customer is responsible for any tax liability of rebate payment. **CAPACITY CREDITS/ENVIRONMENTAL CREDITS:** In accepting these financial incentives, the customer agrees that Efficiency Vermont or Burlington Electric Department holds the sole rights to any electric system capacity credits and/or environmental credits associated with the energy efficiency measures for which incentives have been received. These credits will be used for the benefit of Vermont ratepayers.

