

Optional Information:

What was the main reason you purchased an ENERGY STAR® qualified room air conditioner? Please select one:

- Energy savings Size Rebate
 Quieter Special features Like to buy the best
 Price Other

Did you know about the rebate before you purchased your ENERGY STAR qualified room air conditioner?

- Yes No

If so, did the rebate influence your purchase decision?

- Yes No

Why did you purchase a room air conditioner at this time?

- Old room air conditioner broke Wanted upgrade
 New home Energy savings Better performance
 New purchase (does not replace an old unit)

Do you know anyone else who owns an ENERGY STAR qualified room air conditioner?

- Yes No

How did you hear about ENERGY STAR qualified room air conditioners? Check all that apply:

- Newspaper ad Retailer/salesperson Radio
 Web site Friend/relative/co-worker
 Other News report/article

Look for the ENERGY STAR®

ENERGY STAR is the symbol for energy efficiency backed by the U.S. Department of Energy and the U.S. Environmental Protection Agency. Room air conditioners with this symbol are energy-efficient, include advanced features, and cost little more than conventional units.

ENERGY STAR qualified products save energy and help protect the environment. By choosing ENERGY STAR, you are doing your part to conserve our natural resources for future generations.

Other ways to cool your home with ENERGY STAR qualified products:

Other ENERGY STAR qualified products can work with your room air conditioner to help cool your home and lower your energy bills.

Ceiling fans

Ceiling fans circulate room air to maintain consistent room temperature in both summer and winter. ENERGY STAR qualified ceiling fans with lights are about 50 percent more efficient than typical ceiling fans, and can save you \$10-\$20 per year (individual savings will vary by electricity rates and fan use). Models with lights use energy-efficient compact fluorescent light bulbs. These bulbs use two-thirds less energy, last 6-10 times longer, and produce significantly less heat, which can help keep your home cool during the warmer months.

Lighting

ENERGY STAR qualified lighting products can actually help keep you cool. Conventional, incandescent light bulbs waste 90 percent of their energy generating heat and are very hot to the touch. Compact fluorescent light bulbs, because of their unique technology, are far more efficient users of energy and generate much less heat. Less heat means less work for your room air conditioner. Plus, these bulbs last 6-10 times longer than conventional bulbs.

Cooling tips

There are many other energy-efficient ways to keep cool this summer. Insulation, sealing ducts, and thermostats all play an important role in helping you to efficiently cool your home during the warm months. Visit www.energystar.gov for more information and energy saving tips.



2010 Mail-in Rebate

\$20 off

All ENERGY STAR® Qualified Room Air Conditioners



SPONSORED BY YOUR PARTICIPATING UTILITIES:

Valid for purchases made March 1- August 31, 2010, or while funds are available for this program.

All rebate requests must be postmarked no later than September 30, 2010. Limit two rebates per residential account.

Qualifying room air conditioner must be installed within the service area of participating electric utility. For more information call toll-free: 1-877-366-3749, or visit: www.nhsaves.com.

Brought to you by:



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nhsaves.com
energy solutions for New Hampshire

nhsaves is about people in New Hampshire doing the right thing ... working together to save energy, reduce costs, and protect the environment.



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Lower temperatures. Lower energy bills.

New ENERGY STAR® qualified room air conditioners use 10-20% less energy than conventional models, reducing energy bills and helping our environment. So, you'll not only be saving money, you'll be doing your part to help use our nation's resources wisely. ENERGY STAR qualified room air conditioners also have advanced technologies such as high efficiency air compressors, fan motors and heat transfer surfaces, and are often the quietest models on the market. Plus, this mail-in rebate from the participating sponsors will give you \$20 back after the purchase of an ENERGY STAR qualified room air conditioner.

Bigger isn't always cooler.

Choosing the right-sized room air conditioner for the space you want to cool is critical for energy efficiency. Many people buy larger room air conditioners than they need, thinking that they will cool better, but an oversized unit has several disadvantages. Oversized room air conditioners are often more expensive initially and cost more to operate. In addition, oversized units can insufficiently dehumidify a room – leaving it with an uncomfortably damp, clammy feeling. Room air conditioner sizes are rated in BTUs (British Thermal Units) per hour. The chart below – tailored for New Hampshire's climate – will help you choose a room air conditioner size that's right for you.

Room Size (sq. ft.)	Room Air Conditioner Size (BTUS per hour)
100 to 150	3,000*
150 to 250	6,000*
250 to 300	7,000
300 to 350	8,000
350 to 400	9,000
400 to 450	10,000
450 to 550	12,000
550 to 700	14,000
700 to 1,000	18,000

*Typically the smallest room air conditioner available is 5,000 BTUs

Other factors to consider in properly sizing a room air conditioner:

- If the room is very sunny, increase the size by 10 percent. If it is very shady, decrease size by 10 percent.
- If more than two people regularly occupy the room, add 600 BTUs per hour for each additional person to the size selected.
- If your room air conditioner is intended for use in a kitchen, increase size by 4,000 BTUs per hour.
- The factors listed above will provide you with a "rule of thumb" for sizing a room air conditioner in New Hampshire. There may be other factors not considered here that could affect the size of the room air conditioner you choose. Check with a sales associate or a qualified cooling professional to make sure you are choosing the appropriate size for your needs.

Save \$100 - \$200

If you replace a 10 to 20 year old air conditioner model with an ENERGY STAR qualified room air conditioner, you could save \$100-\$220 on your electric bill over the expected life of the unit.

When to switch to an energy-efficient room air conditioner.

Surprisingly, it may make sense to replace your existing room air conditioner, even if it's in working condition. If you answer yes to one or more items below, a new unit will save you energy and may provide you with greater comfort.

1) Is your unit more than 10 years old?

New ENERGY STAR qualified room air conditioners use 20-30% less energy than typical 10-year old models, reducing energy bills. You could save \$100 over 5 years and own a quieter unit with advanced features like air filtration. A savings calculator at www.energystar.gov can help you estimate your savings.

2) Does your equipment need repair?

A unit in need of repair may not be operating efficiently. Depending on the cost of the repair, it may make sense to upgrade. This could not only save you energy and money, but also provide you with additional features not available in older models.

3) Does your unit cycle on and off constantly?

Continuous cycling may indicate that your unit is not properly sized for the space you want to cool. This can waste energy and fail to properly dehumidify the room.

4) Is your home unoccupied for long periods of the day?

Many new ENERGY STAR qualified room air conditioners have built-in timers that can help you avoid wasting energy while you are away.

\$20 MAIL-IN REBATE

Get \$20 back from participating New Hampshire utilities on your purchase of an eligible ENERGY STAR qualified room air conditioner. This mail-in rebate is good for purchases made **March 1, 2010 through August 31, 2010, or while funds are available for this program. Limit 2 rebates per New Hampshire residential electric utility customer. To receive your rebate, please fill out this form completely and mail it to the address below with a copy of your dated sales receipt and a copy of a recent electric bill.** Incomplete forms will delay or disqualify your rebate. All rebate requests must be postmarked no later than September 30, 2010.

Please fill out completely. All information below is required:

Your name: _____

Account/installation address: _____

City: _____ State: **NH** Zip: _____

Home phone: _____ Work phone: _____

Mailing address (if different): _____

City: _____ State: _____ Zip: _____

House type (check all that apply):

Single family Condo/townhouse Multi-family

Own Rent

Primary residence Vacation home

For installation address:

Your New Hampshire electric company: _____

Electric utility account #: _____

Mfr. and model # of ENERGY STAR qualified room air conditioner purchased: _____

Name and address of store where room air conditioner was purchased: _____

Purchase price: \$ _____ Purchase date: _____

MAIL TO:

EFI - NH ENERGY STAR RAC REBATE
40 Washington Street, Suite 2000
Westborough, MA 01581-1013

(Please **DO NOT** include rebate coupon with utility bill payment.)