

**Rebates for Improvements  
Home Efficiency Program  
Fort Collins Utilities**

Revised 03/04/2013

This matrix summarizes information regarding Home Efficiency Program rebates for improving homes in Fort Collins. If you need additional clarification, please call Fort Collins Utilities at 970-221-6700.

Some improvements may also qualify for other rebates. For information on these rebate programs, use the following hyperlinks:

- Xcel Energy Residential Rebate Program: <https://www.xcelenergy.com/homerebates>
- Federal tax credit information: [http://www.energystar.gov/index.cfm?c=tax\\_credits.tx\\_index](http://www.energystar.gov/index.cfm?c=tax_credits.tx_index)

**General Notes Regarding Eligibility**

- Rebates are available for improvements to existing single-family detached homes and attached townhomes with individual heating systems. Multi-family homes are not included.
- Rebates can be used for improvements to owner-occupied and rental properties receiving electric service from Fort Collins Utilities.
- A Fort Collins Utilities Efficiency Audit is required as a prerequisite before efficiency improvement measures are installed.
- Improvements must be installed by contractors included on the applicable Fort Collins Utilities *Participating Contractor List* (<http://www.fcgov.com/HomeEfficiency>). As these lists will be periodically updated, be sure the version you're using is current. Homeowner installations do not qualify for rebates.
- Improvements must be installed in accordance with the details of the Home Efficiency Program *Installation Standards*. This is the contractor's responsibility. Key aspects of the *Installation Standards* are shown below as "Requirements."
- All update revisions are highlighted

**Home Efficiency Program (HEP) Rebates**

Efficiency Measure	Requirements and Options	Rebate Amounts for Gas-heated Homes	Rebate Amounts for Electric-heated Homes
<b>Air Sealing</b>	<ul style="list-style-type: none"> <li>• <b>Existing condition:</b> All houses with an ACH50 of greater than 3.0 are eligible</li> <li>• <b>Minimum leakage reduction</b> of 10% must be verified by a final blower door test</li> <li>• <b>House to Garage air sealing mandatory if CFM50 &gt; 200</b></li> <li>• <b>Combustion safety test required</b></li> </ul>	Rebate amount varies with % reduction in house shell leakage: <ul style="list-style-type: none"> <li>• Tier 1, 25% - \$200</li> <li>• Tier 2, 33% - \$300</li> <li>• Tier 3, 50% - \$400</li> </ul>	Rebate amount varies with % reduction in house shell leakage: <ul style="list-style-type: none"> <li>• Tier 1, 25% - \$300</li> <li>• Tier 2, 33% - \$400</li> <li>• Tier 3, 50% - \$500</li> </ul>
<b>Conditioned Crawl Space Insulation</b>	<ul style="list-style-type: none"> <li>• <b>Existing condition:</b> uninsulated or poorly installed insulation</li> <li>• Rim joist, foundation wall, and moisture/soil gas barrier must meet Installation Standards to qualify for a rebate.</li> <li>• <b>Evidence of moisture requires active ventilation system under moisture/soil gas barrier.</b></li> <li>• <b>Rim joist:</b> foam board or spray foam, R-10 minimum, air seal</li> <li>• <b>Foundation wall – options:</b> <ul style="list-style-type: none"> <li>- Insulate on <b>interior</b> with R-13 un-faced batts or perforated vinyl faced fiberglass blanket, R-10 closed cell foam board or spray foam with ignition barrier (Thermax is exempt).</li> <li>- Insulate on <b>exterior</b> with foam board, R-10 minimum; down to top of footing. Protect above grade</li> </ul> </li> </ul>	<b>Rim joist</b> <ul style="list-style-type: none"> <li>• Spray foam - \$0.50/sq.ft., max \$500</li> <li>• Foam board - \$0.50/sq.ft., max \$300</li> </ul> <b>Foundation wall</b> <ul style="list-style-type: none"> <li>• Fiberglass (interior) - \$0.30/sq.ft., max \$250</li> <li>• Spray foam (interior) - \$0.50/sq.ft., max \$300</li> <li>• Foam board (interior or exterior) - \$0.50/sq.ft., max \$300</li> </ul>	<b>Rim joist</b> <ul style="list-style-type: none"> <li>• Spray foam - \$0.75/sq.ft., max \$750</li> <li>• Foam board - \$0.75/sq.ft., max \$450</li> </ul> <b>Foundation wall</b> <ul style="list-style-type: none"> <li>• Fiberglass (interior) - \$0.45/sq.ft., max \$375</li> <li>• Spray foam (interior) - \$0.75/sq.ft., max \$450</li> <li>• Foam board (interior or exterior) - \$0.75/sq.ft., max \$450</li> </ul>
<b>Cold Crawl Space Insulation</b>	<ul style="list-style-type: none"> <li>• <b>Call for pre-approval</b></li> <li>• <b>Water Pipes must be above full depth floor insulation</b></li> <li>• Mechanical ducts insulated, R-8</li> <li>• Air seal floor, fill joist cavity with insulation RESNET Grade 1.</li> </ul>	\$0.30/sq.ft., max \$250	\$0.45/sq.ft., max \$375

Efficiency Measure	Requirements and Options	Rebate Amounts for Gas-heated Homes	Rebate Amounts for Electric-heated Homes
<b>Basement Wall Insulation</b>	<ul style="list-style-type: none"> <li>• <b>Existing condition:</b> Basement walls are uninsulated.</li> <li>• <b>Existing moisture problems must be mitigated</b></li> <li>• <b>Rim joist:</b> closed cell foam board or spray foam, R-10 minimum; air seal foundation plate</li> <li>• <b>Foundation wall insulation:</b> <ul style="list-style-type: none"> <li>- On <b>interior</b> with R-5 foam board on foundation wall &amp; unfaced R-13 fiberglass batts in finished frame wall; R-10 spray foam or foam board with thermal barrier.</li> <li>- On <b>exterior</b> with foam board, R-10 minimum, 48" below-grade; protect foam above-grade</li> </ul> </li> </ul>	<p><b>Rim joist</b></p> <ul style="list-style-type: none"> <li>• Spray foam - \$0.50/sq.ft., max \$500</li> <li>• Foam board - \$0.50/sq.ft., max \$300</li> </ul> <p><b>Foundation wall</b></p> <ul style="list-style-type: none"> <li>• Fiberglass batt + foam board (interior) - \$0.80/sq.ft., max \$550</li> <li>• Spray foam or foam board (interior) - \$0.50/ sq.ft., max \$300</li> <li>• Foam board (exterior) - \$0.50/sq.ft., max \$300</li> </ul>	<p><b>Rim joist</b></p> <ul style="list-style-type: none"> <li>• Spray foam - \$0.75/sq.ft., max \$750</li> <li>• Foam board - \$0.75/sq.ft., max \$450</li> </ul> <p><b>Foundation wall</b></p> <ul style="list-style-type: none"> <li>• Fiberglass batt + foam board (interior) - \$1.00/sq.ft., max \$900</li> <li>• Spray foam or foam (interior) - \$0.75/sq.ft., max \$450)</li> <li>• Foam board (exterior) - \$0.75/sq.ft., max \$450</li> </ul>
<b>Cantilever Floor Insulation</b>	<ul style="list-style-type: none"> <li>• <b>No restriction on existing condition</b></li> <li>• Air seal exterior and interior</li> </ul>	\$0.50/ sq.ft., max of \$200	\$.75/ sq.ft., max of \$300
<b>Floor Over Garage Insulation</b>	<ul style="list-style-type: none"> <li>• <b>Existing insulation does not fill floor cavity</b></li> <li>• Water pipes must be above floor insulation to avoid freezing</li> <li>• Floor joist cavities used as return air ducts must be sealed from floor cavity being insulated</li> </ul>	\$0.50/ sq.ft., max of \$200	\$.75/ sq.ft., max of \$300
<b>Exterior Frame Wall Insulation</b>	<ul style="list-style-type: none"> <li>• <b>Existing: R-9 or less</b></li> <li>• Must air seal all wall assembly openings (windows, doors &amp; electrical boxes) prior to dense packing walls</li> <li>• Completely fill all stud cavities</li> </ul>	\$0.50/sq.ft. (net wall area), max of \$500	\$.75/sq.ft. (net wall area), max of \$750

Efficiency Measure	Requirements and Options	Rebate Amounts for Gas-heated Homes	Rebate Amounts for Electric-heated Homes
<b>Masonry Exterior Wall Insulation</b>	<ul style="list-style-type: none"> <li>• <b>Existing: uninsulated</b></li> <li>• <b>Exterior Wall:</b> R-10 foam board covered with appropriate finish</li> <li>• <b>Interior Wall:</b> R-10 foam board or spray foam with thermal barrier, or R-13 blown insulation in a finished frame wall</li> </ul>	\$0.50/sq.ft. (net wall area), max of \$500	\$.75/sq.ft. (net wall area), max of \$750
<b>Attic Insulation (Flat Ceiling)</b>	<ul style="list-style-type: none"> <li>• <b>Existing insulation &lt; R-30</b></li> <li>• Add a minimum R-25 blown insulation on disturbed insulation.</li> <li>• Baffles at all exterior top plate soffit vent locations &amp; insulation stops to minimize wind washing</li> <li>• Must air seal significant ceiling thermal by-passes.</li> <li>• Must install missing air barriers or insulation on knee walls and skylights.</li> <li>• Must repair duct problems in attic before insulating</li> <li>• All exhaust fans ducts must terminate through roof</li> </ul>	\$0.30/sq.ft. of flat attic area, max \$500	\$0.50/sq.ft. of flat attic area, max \$750
<b>Attic Knee Wall Insulation</b>	<ul style="list-style-type: none"> <li>• If already insulated, add R-11 spray foam, foam board or vinyl faced fiberglass blanket over existing insulations. Spray foam &amp; foam board requires ignition barrier (Thermax exempt).</li> <li>• If uninsulated, add R-19 spray foam, foam board or vinyl faced fiberglass blanket. Spray foam &amp; foam board requires ignition barrier (Thermax exempt).</li> </ul>	<p><b>Already Insulated</b> \$0.30/sq.ft. of knee wall area, max \$500</p> <p><b>Uninsulated</b> \$0.50/sq.ft. of knee wall area, max \$500</p>	<p><b>Already Insulated</b> \$0.50/sq.ft. of knee wall area, max \$750</p> <p><b>Uninsulated</b> \$0.75/sq.ft. of knee wall area, max \$750</p>
<b>Cathedral Ceiling Insulation</b>	<ul style="list-style-type: none"> <li>• <b>No minimum existing insulation</b></li> <li>• Roof cannot be leaking, or need replacement</li> <li>• Rafter cavity must be dense-pack insulated and air sealed.</li> </ul>	\$0.50/sq.ft., max of \$500	\$.75/sq.ft., max of \$750

Efficiency Measure	Requirements and Options	Rebate Amounts for Gas-heated Homes	Rebate Amounts for Electric-heated Homes
<b>Window and/or Sliding Glass Door Replacement</b>	<ul style="list-style-type: none"> <li>• <b>Existing windows and sliding glass doors must be single pane, clear glass or metal framed</b></li> <li>• Exterior walls and existing window frames left in place must be insulated and air sealed</li> <li>• Windows and sliding glass doors must be ENERGY STAR® qualified for our northern climate, with a low maintenance exterior</li> </ul>	\$2.50/sq.ft., max \$750	\$3.75/sq.ft., max \$1,000
<b>Window Film</b>	<ul style="list-style-type: none"> <li>• Existing windows must be unshaded E, S, or W, clear glass</li> <li>• Professional install required</li> <li>• Films must meet ENERGY STAR qualifying guidelines</li> </ul>	\$1.50/sq.ft., max \$300	\$1.50/sq.ft., max \$300
<b>Replacement Air Handler Blower Motor</b>	<ul style="list-style-type: none"> <li>• <b>Existing motor is PSC</b></li> <li>• New motor must be DC</li> <li>• TESP exceeding 0.8 iwc does not qualify for the rebate.</li> </ul>	\$150	\$150
<b>Replacement Gas Furnace</b>	<ul style="list-style-type: none"> <li>• <b>Existing furnace is less than 83% AFUE</b></li> <li>• Furnaces must be sized by ACCA approved Manual J software &amp; commissioned</li> <li>• Must be sealed combustion with intake &amp; exhaust to outside</li> <li>• Tier 2 furnace must have multi-stage gas valve &amp; ECM motor. TESP cannot exceed 0.08 iwc.</li> </ul>	2 Tiers of rebates based on furnace efficiency:  Tier 1: 90% min AFUE - \$300  Tier 2: 92% min AFUE - \$500	N/A
<b>Replacement Gas Boiler</b>	<ul style="list-style-type: none"> <li>• <b>Call for pre-approval</b></li> <li>• Existing hydronic system must be evaluated by boiler specialist</li> </ul>	85% or greater efficiency boiler - \$300	N/A
<b>New AC Installation or Replacing AC System</b>	<ul style="list-style-type: none"> <li>• AC system sized using ACCA Manual J compliant method</li> <li>• Systems &gt; 115% of design cooling load must use Manual S</li> <li>• Must be AHRI matched.</li> <li>• Commissioned with CheckMe</li> <li>• Tier 3 must have 2 stage AC and furnace with an ECM motor</li> <li>• Existing AC must be SEER 10 or &lt;, <b>OR</b> replacement AC system is at least 1 ton smaller</li> </ul>	3 Tiers of efficiency rebates:  SEER14, EER 12 - \$250  SEER 15, EER 12.5 - \$350  SEER 16, EER 13 - \$500	Same as Gas heated home  SEER14, EER 12 - \$250  SEER 15, EER 12.5 - \$350  SEER 16, EER 13 - \$500

Efficiency Measure	Requirements and Options	Rebate Amounts for Gas-heated Homes	Rebate Amounts for Electric-heated Homes
<b>Heat Pumps; Existing HP, or Electric Furnace</b>	<ul style="list-style-type: none"> <li>• <b>Call for pre-approval</b></li> <li>• Feasibility of improvement must be evaluated by HEP participating HVAC contractor specializing in Heat Pumps</li> </ul>	N/A	SEER 14.5 & HSPF 9.0 - \$500
<b>Whole House Fan</b>	<ul style="list-style-type: none"> <li>• New or replacing old whole house fan</li> <li>• Fans must have motorized, insulated dampers, which shut and seal after every use</li> </ul>	\$250 Per household	\$250 Per household
<b>Evaporative Cooler</b>	<ul style="list-style-type: none"> <li>• <b>Call for pre-approval</b></li> <li>• New evaporative cooler or replacing existing AC with evaporative cooler</li> </ul>	\$500	\$500
<b>Mechanical Ventilation</b>	<ul style="list-style-type: none"> <li>• <b>Call for pre-approval</b></li> </ul>	20% of cost up to \$400	20% of cost up to \$400
<b>Replacement Gas Water Heater</b>	<ul style="list-style-type: none"> <li>• Replacing natural draft vented water heater or electric water heater</li> <li>• Tier 1 is power vented, not sealed combustion, EF=.62 or greater</li> <li>• Tier 2 is direct vented, sealed combustion, power vented or not, EF= 0.62 or greater</li> <li>• Tier 3 is tankless or tank sealed combustion, power vented or not, EF = 0.80 or greater</li> </ul>	Three tiers of rebates based on venting of water heater:  Tier 1, Power Vented- \$100  Tier 2, Direct vent- \$200  Tier 3, High Efficiency- \$400	N/A
<b>Duct Sealing and Insulating</b>	<ul style="list-style-type: none"> <li>• <b>Call for pre-approval</b></li> <li>• Must be done by a participating HEP HVAC duct sealing specialty contractor</li> </ul>	\$200 per system	N/A