CASCADE LOCKS

Residential Blower Door Guided
Whole House Air Sealing Rebate Application

Complete application and sign/date. All information is required to process rebate(s).
Contractor must complete and sign attached Whole House Air Sealing Data Sheet.

Office Use Only Pre-approval:
Rebate:
Month/Year:

CUSTOMER INFORMATION					
Account #		Date		Phone	
First Name		Last Name			
Installation Address		Email			
City		State		Zip	
Mailing Address (if different)		Contact Email			
City		State		Zip	

HOME INFORMATION			
Residence Type	☐ Site Built Home *(up to 4-plex)* ☐ Manufactured Home	Electric Heat Source	☐ Wall Unit, Baseboard, Ceiling ☐ Heat Pump ☐ Forced Air Electric ☐ Other

To qualify, residence must have permanently installed electric heat system capable of heating the entire dwelling. Air Sealing rebate(s) apply to upgrades on existing homes only. New construction does not qualify. Rebate(s) are available on a first come, first served basis and are subject to availability of funds.

Before Installation: Call 1-888-883-9879 to reserve rebate funds.

All work must be completed according to Regional Technical Forum (RTF) specifications. Mechanical ventilation may be required. Blower door test data must be recorded before and after air sealing and show the reduction in air leakage measured in CFM_{50}. All work is subject to inspection prior to rebate payment.

AIR SEALING REBATES	
Site Built OR Manufactured Home	$0.20 per Documented CFM_{50} Leakage Reduction

Rebate(s) will not exceed 100% of the installed job cost.

All requests for rebate funds must be pre-approved. If the work is not completed within three (3) months of approval, customer must reapply for the rebate. There is no guarantee that funds will be available after the 3-month approval or that the incentive amount will remain the same.

Upon signing this agreement, customer acknowledges the following:

Rebate offer(s) may be changed or discontinued at any time by City of Cascade Locks (CCL). CCL disclaims any warranty, whether expressed or implied, regarding the measure(s) listed above for any materials or labor associated with installation, maintenance, repair, or any energy savings associated with use.

I understand that the measure(s) must be installed to CCL specifications, and certify that I, or my contractor, have reviewed the specifications prior to beginning work. When selecting a contractor, I understand that it is the homeowner's responsibility to request proof of insurance and licensing that meets the statutes and rules of the Oregon Construction Contractors Board. CCL strongly recommends validating qualifications before work begins.

I understand the above and certify that I am a customer of CCL, that the measure(s) are installed at the location indicated and that this address is within CCL service territory.

CUSTOMER SIGNATURE _____ **DATE** _____

Submit completed rebate application, including copies of contractor's final invoice(s), completed Whole House Air Sealing Data Sheet and signed Indoor Air Quality Homeowner Disclosure to:

City of Cascade Locks
Attn: Energy Efficiency Rebates
5605 NE Elam Young Parkway
Hillsboro, OR 97124
FAX: 1-503-344-6942
rebates@esgroupllc.com

Allow 8–10 weeks after final inspection for rebate processing.

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Call 1-888-883-9879 to learn about additional energy efficiency programs.

WHOLE HOUSE AIR SEALING DATA SHEET

CONTRACTOR INFORMATION

Company Name		Technician Name			
Company Address		Phone			
City		State		Zip	

HOUSE INFORMATION				EQUIPMENT INFORMATION	
Residence Type	Square Footage	Ceiling Height	Building Volume	Blower Door Manufacturer	Model Number
☐ Site Built ☐ Manufactured Home					

BLOWER DOOR TEST INFORMATION

	House Pressure (Pa)	Fan Configuration (rings)	Fan Pressure (Pa)	Can't Reach 50 Factor (if applicable)	House Leakage Rate (CFM_{50})	ACH_{50} (CFM_{50} x 60/ building volume)	ACH_N (ACH_{50}/N) N=20xHeight Correction
PRE-TEST							
POST-TEST							
CFM50 LEAKAGE REDUCTION						Height Correction 1 story = 1, 1.5 stories = .89, 2 stories = .81	

List in detail the air sealing measures installed (i.e. sealed bypasses, plumbing penetrations, electrical penetrations in wall, attic, floor, etc) and locations. ***Prescriptive air sealing as part of insulation measures is not considered Whole House Air Sealing.***	

Combustion Appliance Zone Test	**Combustion Appliances** ☐ Yes ☐ No		**CO Monitor Installed** ☐ Yes ☐ No ☐ Existing		
	Zone/Appliance	**Baseline**	**Worst Case**		**Reading – Baseline = Net**
			Reading	**Net**	
	See RTF Specifications for worst-case CAZ test procedures and standards.				
Mechanical Ventilation Requirement	Mechanical Ventilation is required if post test ACH_N < 0.45		**Mechanical Ventilation Required** ☐ Yes ☐ No		
	Notes:				

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Testing & sealing must meet the following minimum requirements:

- Equipment and gauges shall be maintained and calibrated according to manufacturer recommendations. Technician may be required to show evidence of required maintenance or calibration procedures.
- House leakage shall be tested and reported in CFM, at a house pressure of -50 Pa with respect to outdoors. If house cannot be depressurized to -50 Pa, a lower pressure may be used and multiplied by a "can't reach 50 factor" supplied by the equipment manufacturer. This must be shown in the space provided above.
- If PTCS Duct Sealing and Whole House Air Sealing are done in conjunction with the other, the pre- and post-whole house air sealing test shall be done after the duct sealing is completed.
- Air sealing and testing must be done by a PTCS, BPI, OECA or PATS certified technician.
- If the house has combustion appliances (e.g. any appliance that burns fuel such as wood, natural gas, propane or oil, and includes furnaces, boilers, water heaters, wood stoves or fireplaces) a UL- or CUL-approved carbon monoxide detector must be installed and worst case CAZ test must be performed.
- Contractor must provide the customer with the EPA's "Care for Your Air: A Guide to Indoor Air Quality."
- Contractor must submit the RTF's "Indoor Air Quality Homeowner Disclosure" signed by the homeowner.

I certify that the above test data is accurate and that measurements were taken in compliance with PATS, BPI or RTF standards and that the work meets or exceeds the minimum requirements listed above for air leakage reduction and whole-house ventilation requirements.

CONTRACTOR SIGNATURE _____ **DATE** _____

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CASCADE LOCKS

Rebate Assignment

This form must accompany completed rebate application(s) and/or required documentation.
Payee and Customer must sign/date. All information is required to process rebate(s).

CUSTOMER INFORMATION					
Utility Account #		**Date**		**Phone**	
First Name		**Last Name**			
Installation Address		**Contact Email**			
City		**State**		**Zip**	
REBATE INFORMATION					
Installed Measure(s)					
Estimated Rebate Amount	$				

REBATE ASSIGNMENT INSTRUCTIONS

As a City of Cascade Locks (CCL) customer, I request that CCL make check payable and mail directly to:

REBATE PAYABLE TO					
Name		**Relationship to Customer**			
Mailing Address		**Email Address**			
City		**State**		**Zip**	
Phone		**Fax**			

By signing below, payee certifies that the installation was completed according to CCL specifications. Payee understands that they are responsible for meeting all program standards, and that payment is not due until program standards are met.

PAYEE SIGNATURE _____ **DATE** _____

By signing this agreement, customer acknowledges that the measure(s) are installed and operating at the location indicated. Customer agrees to allow CCL or its representative to perform inspections on the work. Customer also certifies that the work was completed within CCL service territory. Customer agrees to release CCL from any liability associated with the completed work, and recognizes that in no way is CCL responsible for the safety or satisfactory performance of this work. CCL will not accept any liability caused by customer's participation in this program.

CUSTOMER SIGNATURE _____ **DATE** _____

Allow 8–10 weeks for rebate processing.

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Residential Weatherization Specification Manual
October 1, 2011

Indoor Air Quality Homeowner Disclosure

Weatherization work may affect the Indoor Air Quality (IAQ) in your home. This is because weatherization work can reduce the amount of outdoor air that naturally comes into your home through small air leaks in the home's exterior. When weatherization measures are installed, it's a good time to assess the IAQ of your home as well as inspect and upgrade your home's ventilation components.

All homes have some sort of "ventilation". At a minimum, operable windows and small unintentional air-leaks distributed throughout the house allow outside air into the house under certain conditions. This may not always be adequate for good indoor air quality. Many homes also have mechanical exhaust fans in kitchens and bathrooms to provide ventilation in those areas. Other homes have dedicated controlled ventilation systems designed to provide fresh air to dilute other pollutants in the house.

The US EPA recommends following ASHRAE Standard 62.2, which requires homes have carefully designed ventilation systems. The standard separates ventilation systems into two primary components: spot ventilation for kitchen and bathrooms for moisture and odor control; whole house ventilation that introduces regulated amounts of outdoor air to dilute other contaminants not controlled by spot ventilation. The specific requirements depend on the characteristics of the house. We strongly recommend you seek further guidance on how to comply with the US EPA's recommendations. Contact your utility or contractor for more information.

Of course, your behavior also plays a significant role in the overall IAQ. It's important to operate ventilation systems when bathing or cooking. Ventilation systems are not typically designed to remedy pollution caused by smoking indoors or excessive moisture due to a plumbing leak or unvented dryer, for example.

If your home has a combustion appliance, a carbon monoxide alarm will be installed. This is for your safety. The CO alarm helps protect you by warning of elevated levels of carbon monoxide, a harmful by product of combustion-fuel appliances such as furnaces, stoves, fireplaces and water heaters. It is important for you to keep the CO alarm, like your smoke alarm, in good working condition with fresh batteries at all times.

I have received a copy of EPA Care for Your Air: A Guide to Indoor Air Quality and received an explanation of the importance of source control, natural and mechanical spot and whole house ventilation. I have been informed that weatherization measures may affect the Indoor Air Quality of my home.

_____
Homeowner

_____
Address Date

For more information, visit http://www.epa.gov/iaq/pubs/insidest.html