



# 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		Contact Email			
City		State		Zip	
Mailing Address (if different)					
City		State		Zip	

## HOME INFORMATION

Residence Type	<input type="checkbox"/> Site Built Home (up to 4-plex)	Electric Heat Source	<input type="checkbox"/> Wall Unit, Baseboard, Ceiling	<input type="checkbox"/> Heat Pump
	<input type="checkbox"/> Manufactured Home		<input type="checkbox"/> Forced Air Electric	<input type="checkbox"/> 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 503-266-1156 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 CFM50. All work is subject to inspection prior to rebate payment.

AIR SEALING REBATES	
Site Built <u>OR</u> Manufactured Home	\$0.20 per Documented CFM50 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 Canby Utility (CU). CU 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 CU 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. CU strongly recommends validating qualifications before work begins.

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

<p align="center"><b>Canby Utility</b>  <b>PO Box 1070</b>  <b>Canby, OR 97013</b>  <b>FAX: 503-263-8621</b></p>
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<p align="center">Office Use Only  <b>Customer Verification:</b></p> <p>_____</p> <p>Initials: _____</p>
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**Allow 8–10 weeks after final inspection for rebate processing.  
Call 503-266-1156 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
<input type="checkbox"/> Site Built <input type="checkbox"/> 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 (CFM50)	ACH50 (CFM50 x 60/ building volume)	ACHN (ACH50/N) N=20xHeight Correction
<b>PRE-TEST</b>							
<b>POST-TEST</b>							

### 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.***

<b>Combustion Appliance Zone Test</b>	Combustion Appliances <input type="checkbox"/> Yes <input type="checkbox"/> No		CO Monitor Installed <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Existing		
	Zone/Appliance	Baseline	Worst Case		Reading – Baseline = Net
			Reading	Net	
<b>See RTF Specifications for worst-case CAZ test procedures and standards.</b>					

<b>Mechanical Ventilation Requirement</b>	Mechanical Ventilation is required if post test ACH <sub>N</sub> < 0.45	Mechanical Ventilation Required <input type="checkbox"/> Yes <input type="checkbox"/> No
	Notes:	

### 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** \_\_\_\_\_



## Residential Weatherization Specification Manual October 1, 2011

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### 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.

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Homeowner

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Address

Date

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