



Benton Rural Electric Association

Electrically Heated Whole Home Air Sealing Rebate Application

This is intended to be presented to the homeowner to claim incentives for Benton REA rebates. Rebates will be paid at the rate of \$0.20/cfm of leakage reduction. Benton REA must be notified when pre- and post-blower door tests will occur and may be present during testing.

House Address: _____

City, State Zip Code: _____ Age of Home: _____

Cond. Floor Area (ft²): _____ Volume of home (ft³): _____

Source of Home Size: (check one): Plans Assessor Report Measured

Results shall be reported as Air Changes per Hour at 50 Pascals (ACH₅₀) and shall be calculated as follows: $ACH_{50} = (CFM_{50} \times 60) / \text{Volume}$

Where: CFM₅₀ = Blower door fan flow at 50 Pascal pressure
Volume = Conditioned Floor Area X wall height

Pre-Test

Blower Door Test Result: _____ ACH₅₀ _____ CFM@50Pa

Ring (check one): Open A B C

Post-Test

Blower Door Test Result: _____ ACH₅₀ _____ CFM@50Pa

Ring (check one): Open A B C Reduction, CFM50: _____

Blower Door Fan Location: _____ Weather Conditions: _____

I certify these blower door results to be accurate - using standard industry protocols

Company Name: _____ Technician: _____

Technician Signature: _____ Date: _____ Phone Number: _____

Name of Member/Homeowner (print): _____

Member/Homeowner Signature: _____ Date: _____

For Benton REA Use Only

Reduction, CFM50: _____ X \$0.20 = \$ _____

Benton REA Employee (Print): _____

Benton REA Authorized Signature: _____ Date: _____

Instructions for Blower Door Testing

During testing:

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures;
2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures;
3. Interior doors, if installed at the time of the test, shall be open, access hatches to conditioned crawl spaces and conditioned attics shall be open;
4. Exterior openings for continuous ventilation systems, HRVs/ERVs shall be closed & sealed;
5. Heating and cooling systems, if installed at the time of the test, shall be turned off; and
6. Supply and return registers, if installed at the time of the test, shall be fully open.