

Minimum Leakage Requirements
BPA Implementation Manual (4/1/11) – Section 8: Residential Sector Page 100-101

PTCS Duct Sealing in Manufactured Homes

Requirements and Specifications

- All electrically-heated manufactured homes qualify for this measure if PTCS duct testing indicates that duct sealing is required to meet the PTCS specifications. Pre-existing duct leakage to the outside must be greater than 100 CFM₅₀ for single-wide homes or 75 CFM₅₀ leakage per section for multi-section homes (e.g., double wide 150 CFM₅₀, triple wide 225 CFM₅₀).

This measure applies to both new and existing manufactured homes, as long as the home meets the pre-test requirement stated above. In the PTR system, this measure is identified as "Existing Manufactured Homes."

Additional Documentation Requirements

- PTCS duct sealing form
- Vendor invoices
- Proof that the required PTCS form(s), for unit being claimed, has been accepted in the PTCS registry of certified units

PTCS Duct Sealing in Existing Single-family Homes

Requirements and Specifications

- All electrically-heated existing single-family homes qualify for this measure if PTCS duct testing indicates that duct sealing is required to meet the PTCS specifications. Pre-existing duct leakage to the outside must be greater than 250 CFM₅₀ or 15 percent of the floor area, whichever is less.

Additional Documentation Requirements

- PTCS duct sealing form
- Vendor invoices
- Proof that the required PTCS form(s), for unit being claimed, has been accepted in the PTCS registry of certified units

PTCS Duct Sealing in Single-family New Construction

Requirements and Specifications

- The home must be new construction and not have been occupied for more than one year.

Pre-existing duct leakage test is not required.

Additional Documentation Requirements

- PTCS duct sealing form
- Vendor invoices
- Proof that the required PTCS form(s), for unit being claimed, has been accepted in the PTCS registry of certified units