

CALCS PLUS

BUILDING PERFORMANCE CONSULTANTS

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State of Florida Air Conditioner Rebate Program

The State of Florida Energy Star Program is requiring a Manual J report and a Duct Tightness Test.

The Duct Test

You or your Air Conditioner Contractor can call to schedule an appointment for the Duct Test. All A/C work needs to be completed in advance of the Duct Test. Our service area for the state Duct Test program includes Sarasota, Manatee and Charlotte Counties. Our east coast office services Brevard, Osceola, Orange and Seminole Counties. If you live outside our service areas you can get help at:

http://securedb.fsec.ucf.edu/engauge/engauge_search_rater

PRICING for Duct Test (based on air conditioned space):

Up to 3000 square feet: \$275 (\$75 per additional a/c system)

3001 to 5000 square feet: \$375 (\$100 per additional a/c system)

Over 5001 square feet: \$500 ((\$100 per additional a/c system)

NOTE: To prevent the failure of the duct test and requirement of a return trip to retest the ductwork we recommend the a/c contractor have a man on the job when we test to take care of any possible repairs. If we must make a return trip the cost will be the same as above.

Manual J Report

The Manual J report gives your air conditioning contractor the information he needs to properly size your air conditioning unit. Calcs-Plus need the following information to complete a Manual J report:

Floor Plans of the house showing:

Exterior Dimension

Interior Room Dimension and Room Use

Heights of ceilings

Height & Width of Exterior Doors & Windows and Doors to non-air conditioned space (door between house and garage for example). Doors and window must be shown on walls of the floor plan (approximate location). Please indicate with a "B" windows that are located in a bedroom or bathroom.

A North Arrow

Information also Need:

Roof Construction and Color (Gray Shingles over plywood, for example)

R-Factor of Roof Insulation

Is Attic Vented or Non-vented (is insulation adjacent to the ceiling drywall or the roof)?

Wall Construction (concrete block or wood frame, etc)

R-Factor of Wall insulation (many older homes have none)

Floor Construction (typically concrete slab)

Window Information:

Are the windows Low Energy Window?

If yes what are the U-Factor and SHGC? This information can be found on you window purchase order or ask your window installer.

If not Low Energy Windows, are they single pane or double pane, tinted or clear.

Cost of Manual J report: \$.05 cents per square foot of living area, with a minimum of \$60.00. There is a \$15 surcharge for multi-story homes. For example, the cost for a single story home with 2000 square feet of living area is \$100.00.

Note: If you prefer, we can provide a crew to measure your home and collect the above the information. The fee for this service is \$300.00 for living areas up to 2500 square feet. Call office for pricing on larger homes.

Get more information about the state program at www.rebates.com/floridahvac.