Compliance Certificate Fact Sheet



Compliance Certificate Fact Sheet for the Georgia Building Energy Code



The Mechanical Summary outlines the types and efficiencies of your heating and cooling equipment. It also provides details on your home's load calculations and who performed them.

Mechanical Summary:

Water Heater Energy Factor:Ef Fuel type: Gas Electric Oth
Number of Heating and Cooling Systems:
Heating System Type (choose one):
Gas: AFUE Air-Source Heat Pump:HSPF
Other: Efficiency:
Cooling System Type (Standard DX, Heat Pump, Geothermal, etc.):
Cooling System Efficiency: SEER CER Other
Heating/Cooling Load Calculations Performed by:Phone:
Total Heating Load (Based on ACCA Man. J or other approved methodology): Btu/h
Total Cooling Load (Based on ACCA Man. J or other approved methodology): Btu/h
Cooling Sensible Load: Btu/h Cooling Latent Load : Btu/
Total Air Handler CFM (based on design calculations):CFM

Load Calculations

Installing high-efficiency mechanical equipment is important for energy savings, yet properly sizing this equipment through accurate load calulations is often just as significant. Some HVAC contractors habitually disregard this critical step, so be your own advocate and scrutinize this section.

Thinking about changing out your old HVAC equipment? Opting for a high-efficiency model (look for models with a high SEER or EER) could save you hundreds of dollars on energy costs.

Similar to the BET test, the Duct Tightness Test measures the air tightness of the ductwork that circulates conditioned air throughout your house. Leaky ducts can actually be one of the biggest energy drains in a house.

Duct Tightness Test Conducted by:

_ Phone:__

 $CFM_{25} \ \text{per 100 ft}^2 \ \text{of conditioned floor area} = CFM_{25} \times 100 \ / \ \text{Conditioned floor area served} \ \text{If all ducts are not located within conditioned space, builder must verify that either the postconstruction duct leakage to outdoors(PCO) is <math display="inline">\leq 8 \ \text{cfm}/100 \ \text{ft}^2$, the post construction total duct leakage (PCT) is $\leq 12 \ \text{cfm}/100 \ \text{ft}^2$, or the rough-in tes (RTT) with air handler installed is $\leq 6 \ \text{cfm}/100 \ \text{ft}^2$. State which method was used to conduct the duct tightness test: duct blower (DB), modified blower door subtraction method (MBDS), or automated multipoint blower door (AMBD).

System	Method (DB, MBDS, AMBD)	Test (PCO, PCT, RIT)	CFM ₂₅	Area served (ft ²)	Test Result	
1						
2						
3						

Test those Ducts

Testing ductwork for tightness is valuable not only for new homes, but also existing abodes. Finding a certified professional to test your existing home is as easy as visiting georgiapower.com/homeimprovements.

Duct testing involves the use of a duct blaster (a calibrated fan) and lots of tape. A certified tester will tape all of the supply and return grills in a home, pressurize the ductwork with the fan, and record and analyze the resulting flow of the fan.

*Note: This permanent certificate shall be posted on or in the electrical distribution panel. Certificate shall be completed by the builder or registered design professional. Where there is more than one value for each component, certificate shall list the value covering the largest area.



developed by

Southface

Duct Tightness You Can See! II Check for mastic, a heavy-duty sealant, applied around the air handler and the joints and seams of ductwork. It's required by the energy code and makes your ducts super tight.



Compliance Certificate Location

If you live in a house built to the 2009 IECC (the current energy code), you should be able to make your way to your air handler (probably in your attic or basement) or electrical distribution panel to locate the compliance certificate.

Once you find it, check the values and visit southface.org/energy-codes for terms you don't know. This certificate is the starting point for understanding energy efficiency in your home and empowering you as a homeowner.

