Compliance Certificate Fact Sheet

for the Georgia Building Energy Code

	nergy Code Compliance Certificate*	Envelope Summary:		
Builder/Design Professional:	Phone:			
Environ Stephenora		List the R-Value for		
 List the R-Value for the following comp 				
Flat collegrant: Exterior well:	Stepnst/voult celling: Above grade mass west:	CHECK CONTRACTOR OF THE CONTRA		
Aftic kneewalt:	Attic Incewall sheetiving: Basemere continuous:			
Crawlapace stard wall:	Crawlapace continuous:			
Cartilevered Pleas:	Places over unconditioned space: Other insulation;	. Bas		
Fonistration Components:				
Window U-factor: Skylight U-factor:	What SHOC:	Craw		
Glazed Door U-fector:	Opeque Door U-factor:	12000		
· FORTING ENTEROPE TOPONESS (PET)		Ca		
BET test conducted by:	Phone:			
ACHu = CFMu x 60 / Volumer	AFRICANTE IN THE LAST I	Fenestration Comp		
ow Rise Mutitarrily Visual Inspection C	Option And-pony without of the BCV sect for A-2 buildings only.)			
Visual inspection conducted by:	Phone:	Window U-		
		Skylight U-		
fechanical Summary:		SKYIIUIL U-		
Vater Heater Energy Factor:	Er Fuel type: Gas Electric Other	The state of the s		
Water Heater Energy Factor: Number of Heating and Cooling Systems Heating System Type (choose one):	s:	Glazed Door U-		
Water Heater Energy Factor:_ Number of Heating and Cooling Systems Heating System Type (choose one): Gas:AFUE	S: Air-Source Heat Pump:HSPF	The state of the s		
Water Heater Energy Factor: Number of Heating and Cooling System Heating System Type (choose one): Gas: AFUE Other: Cooling System Type (Standard DX, Heat	8:	The state of the s		
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Water Heater Energy Factor: Number of Heating and Cooling System Heating System Type (choose one): Gas: AFUE El Cooling System Type (Standard DK, Heat Cooling System Efficiency: Heating/Cooling Load Catulations Perfo Total Heating Load (Bused on ACA Nan.) or Total Cooling Load (Based on ACA Nan.) or	8:	Glazed Door U-		
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Water Heater Energy Factor: whether of Heater and Cooling System Hype (choose one): Get: ARE Get: ARE Cooling System Type (choose one): Leating (Cooling Load Calculations Perforderer): Leating (Load Heater Load Load Load Load Load Load Load Load	Ar-Source Heat Pump:	Glazed Door U		
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	ense of the mysterious acronyms Iding Envelope Tightness section? o a little.
CFM ₅₀ (Qubic Eeet per Minute at 50 pascals*)	CFM ₅₀ is the measure of a flow rate—in this case, the volume of air that moves out of your house in a minute under simulated testing pressure.
7.5	≈ 1 Cubic Foot
ACH 50 (Air Changes per Hour at 50 pascale*)	ACH _{so} measures the number of times the air in your house changes out in an hour under simulated testing pressure.
4 housefuls of	fair in $\textcircled{1}_{(1\text{hour})} = 4\text{ACH}$

	Your builder/designer's nat	me (just in case you forget)
Builder/Design Professional:		Phone:
	ntact information — d to call about an issue with	your home)
		s's exterior shell, or 'building envelope,' and and U-factors (typical values* in red).
nvelope Summary		
List the R-Value for	or the following components	
Crav	Flat ceiling/roof: Exterior wall: Attic kneewall: Sement stud wall: Vispace stud wall: Foundation slab: Foundation slab: Arright R-13 R-13 R-13 R-13 R-13 R-13 R-13 R-13	Sloped/vault ceiling: Above grade mass wall: Attic kneewall sheathing: Basement continuous: Crawlspace continuous: Floors over unconditioned space: Other insulation:
Window U- Skylight U- Glazed Door U-	-factor: U-0.35 -factor: U-0.65	Window SHGC: Skylight SHGC: Opaque Door U-factor: (<50% glazed) 0.30 SHG0 0.30 SHG0 U-0.50
		nings in a building (i.e., windows and doors
In a nutshell, hig in turn leads to r	imbers relate to resistance to	
		-
BET test conducted	e Tightness (BET):	Phone:
an Flow at 50 Pasc		Total Conditioned Volume =
$ACH_{50} = CFM_{50} \times 60$ ow Rise Multifamily	/ Volume=	ACH ₅₀ (must be less than 7 ACH ₅₀)

The Building Envelope Tightness (BET) section contains the results of the BET test conducted on your home. This test helps to determine how leaky the house is by depressurizing or pressurizing a home with a device called a blower door.

Essentially a large, calibrated fan, the blower door helps to measure all of the leaks through the gaps and seams in a house. The energy code requires houses to achieve a value less than **7 ACH**₅₀ (see box to left for more on what this means).

Why is a tight building envelope so important? A home without air sealing does a poor job of keeping conditioned air in and unconditioned air out. In the summer, this means hot and muggy air infiltrating and giving your HVAC equipment the workout of its life. Wintertime brings cold drafts and more energy wasted trying to keep a leaky house warm.

*The values listed may not necessarily coincide on the same compliance certificate. For example, a house with a crawlspace likely will not have a basement, in which case basement insulation values would not be listed.



Compliance Certificate Fact Sheet

for the Georgia Building Energy Code

Heating	nical Summary: Heater Energy Factor: or of Heating and Cooling g System Type (choose Gas: Other: g System Type (Standard	g Systems: one): =UE	e Heat Pui	mp:	İ	m.	
Cooling Heating Total H Total C Cooling	g/Cooling Load Calculation g/Cooling Load (Based on ACCA cooling Load (Based on ACCA cooling Load (Based on ACCA g Sensible Load: ir Handler CFM (based or	ons Performed by: _A Man. J or other approved Man. J or other approved Btu/h Coo	SEER [] ÉER	ne: Btu/h Btu/h		Georgia Residential Energy Code Compliance Certificate* Buider/Design Professionat: Phone: Enveloce Summans: - Uit the R-Value for the following components: Flat collegations: Enterior wals: Seperdinaut celling: Enterior wals: Above grade mass well:
Ins pro sig	and Calculations stalling high-efficiency mechaperly sizing this equipmen inificant. Some HVAC control advocate and scrutinize in Thinking about changing of model (look for models with dollars on energy costs.	It through accurate loa ractors habitually disre this section. out your old HVAC equ th a high SEER or EEF	ad calulation egard this of hipment? O R) could sa	ens is often just a critical step, so b epting for a high- eve you hundreds	s e your efficiency s of	1 1 1	Altic kneewall sheathing: Besement shall wall: Crembigues sholl will: Crembigues sholl will: Crembigues sholl will: Foot over should be seemed that will be seemed to construct the shall be seemed to construct the seemed the se
Duct Tig CFM ₂₅ pe If all ducts outdoors(P (RIT) with	imilar to the BET test, the Dat circulates conditioned ail biggest energy drains in the biggest energy drains and biggest energy drains and biggest bigge	ir throughout your hou a house. by:	100 / Con y that either tage (PCT) is	Phone:_ ditioned floor a the postconstruction s ≤ 12 cfm/100 ft², o to conduct the duct	rea served duct leakage to refer to restrict test fightness test.		The second of the conditional form of the conditional
System	(DB), modified blower door sub Method (DB, MBDS, AMBD)	Test (PCO, PCT, RIT)	CFM ₂₅	Area served (ft²)		/ / _	
2							Compliance Certificate Location If you live in a house built to the 2009 IECC (the current energy code), you should be able to make
3		CASSACTOR STREET	CANAL DRIVE				your way to your air handler (probably in your

Duct Tightness You Can See! II Check for mastic, a heavy-duty sealant,

