

Florida Auto Generation Test Results:

Software Name: EnergyGauge v.4.0

User input data fields indicated by pale yellow

Reference Home Building Component	Test 1	Results	Test 2	Results	Test 3	Results	Test 4	Results
Above-grade walls (U _o)	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082
Above-grade wall solar absorptance (α)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Above-grade wall infrared emittance (ε)	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Basement walls (U _o)	n/a	n/a	n/a	n/a	n/a	n/a	0.36	0.36
Above-grade floors (U _o)	0.064	0.064	0.064	0.064	n/a	n/a	n/a	n/a
Slab insulation R-Value	n/a	n/a	n/a	n/a	0	0	0	0
Ceilings (U _o)	0.030	0.030	0.030	0.030	0.035	0.035	0.030	0.030
Roof solar absorptance (α)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Roof infrared emittance (ε)	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Attic vent area* (ft ²)	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13
Crawlspace vent area* (ft ²)	n/a	n/a	10.26	1.026	n/a	n/a	n/a	n/a
Exposed masonry floor area * (ft ²)	n/a	n/a	n/a	n/a	307.8	307.8	307.8	307.8
Carpet & pad R-Value	n/a	n/a	n/a	n/a	2.0	2.0	2.0	2.0
Door Area (ft ²)	40	40	40	40	40	40	40	40
Door U-Factor	0.40	0.4	0.40	0.4	0.50	0.5	0.40	0.40
North window area* (ft ²)	57.71	57.71	57.71	57.71	57.71	57.71	50.02	50.02
South window area* (ft ²)	57.71	57.71	57.71	57.71	57.71	57.71	50.02	50.02
East window area* (ft ²)	57.71	57.71	57.71	57.71	57.71	57.71	50.02	50.02
West window area* (ft ²)	57.71	57.71	57.71	57.71	57.71	57.71	50.02	50.02
Window U-Factor	0.40	0.4	0.40	0.4	0.50	0.5	0.40	0.4
Window SHGC _o (heating)	0.217	0.217	0.217	0.217	0.217	0.217	0.217	0.217
Window SHGC _o (cooling)	0.217	0.217	0.217	0.217	0.217	0.217	0.217	0.217
ACH50	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Internal gains* (Btu/day)	66,840	66,840	66,840	66,840	62,736	62,736	107,572	107,572
Water heater gallons per day	60	60	60	60	50	50	70	70
Water heater set point temperature	120 F	120	120 F	120	120 F	120	120 F	120
Water heater efficiency	EF = 0.62	0.62	EF = 0.94	0.94	EF = 0.95	0.95	EF = 0.62	0.62
Labeled heating system rating	AFUE = 78%	78%	HSPF = 8.2	8.2	HSPF = 8.2	8.2	AFUE = 78%	78%
Labeled cooling system rating	SEER = 14	14	SEER = 14	14	SEER = 14	14	SEER = 14	14
Air Distribution System Efficiency	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Thermostat Type	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Heating thermostat settings	72 F (all hours)	72	72 F (all hours)	72	72 F (all hours)	72	72 F (all hours)	72
Cooling thermostat settings	75 F (all hours)	75	75 F (all hours)	75	75 F (all hours)	75	75 F (all hours)	75
e-Ratio	1.00	1.000	1.00	1.000	1.00	1.000	1.00	1.000