

Reference Home Characteristics

FSEC
111 Anywhere Lane
Baltimore, MD,
Registration #:

Title: TaxCredit-AutoGen_case1
TaxRef13

TMY City: MD_BALTIMORE_BL
Elec Util: EnergyGauge Default
Gas Util: EnergyGauge Default
Run Date:

HERS BESTEST basecase home

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|--|--|
| Above-grade Walls (Uo) | 0.082 |
| Above-grade Wall Solar Absorptance | 0.75 |
| Above-grade Wall Infrared Emittance | 0.90 |
| Basement Walls (Uo) | n/a |
| Above-grade Floors (Uo) | 0.047 |
| Slab Insulation R-Value | n/a |
| Ceilings (Uo) | 0.030 |
| Roof Solar Absorptance | 0.75 |
| Roof Infrared Emittance | 0.90 |
| Attic Vent Area (ft²) | 5.13 |
| Crawlspace Vent Area (ft²) | n/a |
| Exposed Masonry Floor Area (ft²) | n/a |
| Carpet & Pad R-Value | n/a |
| Door Area (ft²) | 40 |
| Door U-Factor | 0.40 |
| North Window Area (ft²) | 67.50 |
| South Window Area (ft²) | 67.50 |
| East Window Area (ft²) | 67.50 |
| West Window Area (ft²) | 67.50 |
| Window U-Factor | 0.40 |
| Window SHGC (Heating) | 0.3400 |
| Window SHGC (Cooling) | 0.280 |
| SLA (ft²/ft²) | 0.00036 |
| Internal Gains Sensible (Btu/day) | 55481.3 |
| Internal Gains latent (Btu/day) | 13809.1 |
| Internal Gains Total (Btu/day) | 69290.4 |
| Labeled Heating System Rating and Efficiency | AFUE = 78% |
| Labeled Cooling System Rating and Efficiency | SEER = 13.0 |
| Air Distribution System Efficiency | 0.80 |
| Gallons per day | 49.02 |
| Thermostat Type | Manual |
| Mechanical Ventilation (kWh/y) | 0.0 |
| DHW pipe length (ft) | 88.5 |
| DHW loop length (ft) | 156.9 |
| Heating Thermostat Settings | 68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0 |
| | 68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0 |
| | 68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0, 68.0 |
| Cooling Thermostat Settings | 78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0 |
| | 78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0 |
| | 78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0, 78.0 |