

SED Energy Performance Limited Lifetime Guarantee

Scientific Environmental Design™, Inc. guarantees to the original owner and future homeowner for the life of the home starting with the effective date of this certificate that the annual energy consumption for operation of the heating and air conditioning system for the Certified SED home will not exceed _____ kilowatt-hour or an average of \$_____ per month.* Total energy consumption for heating and cooling for each twelve (12) month period will be determined by a separate monitoring device installed on the heating and cooling units. For heating and cooling energy consumption in excess of the annual guaranteed level, SED will pay to the original owner the actual cost of heating and cooling energy usage incurred above the SED guaranteed \$_____ per kilowatt hour during the term of this guarantee.

This certificate only applies to a structure that is certified as an Scientific Environmental Design™. This certification is based upon the following conditions:

1. The Guarantee period will begin one month after all construction relating to SED specifications has been completed, the structure is occupied by the owner, furniture is moved in, SED and all insulation and HVAC contractors have been paid in full.
2. The Guarantee is not valid during any period when mechanical failure to the system prevents normal operation or non-emergency heat operation that causes excessive energy consumption.
3. The guarantee is invalid if the heating and cooling system is modified or tampered with after the original installation. Equipment must be properly serviced bi-annually by an SED approved HVAC service person.
4. This Guarantee is invalid if the heating and cooling system is used to cool or heat any spaces other than those prescribed on the original plans relied upon by SED.
5. SED guarantees no accumulation of moisture condensation in the inside walls, ceiling and floors and structure related to the SED system. (Moisture accumulation would not include such things as humidity producing equipment, roof leaks, improper dryer venting, etc.)
6. Heating and cooling system was not operating during construction period. Home must be clean and in move-in condition.
7. The mechanical system is designed to prevent the growth of mold in the HVAC system.

In addition, the certification is based on the homeowner's agreement to observe the following:

- *To practice good energy conserving habits, including but not limited to the following:*
Having all windows and storm windows closed during the system operation, avoiding leaving exterior doors open for excessive intervals, avoiding thermostat settings in excess of 72° Fahrenheit during heating and avoiding thermostat setting less than 74° Fahrenheit during cooling cycles.
- To use window treatments, such as draperies curtains, blinds, etc. (for the purpose of comfort) on all glass areas.
- To use air tight can type recessed light fixtures on all ceilings next to attic spaces.
- To provide a glass cover and damper for each fireplace.
- To have SED energy savings environmental system installed by a certified SED insulation and HVAC subcontractor.
- To read the HVAC electric/gas meters monthly during the guarantee period and send the readings to SED via email to info@sedeficiency.com.
- To change the unit pre-filters at least every two months. Change high efficiency air cleaner media a minimum of once a year. Call SED at 1-866-330-5418 for filter replacements.

It is expressly understood that this guarantee does not cover the performance of any mechanical units installed by any other person or company. Any implied guarantee applicable to this system, including guarantee of merchantability or fitness is limited in duration to the duration of the manufacturer's guarantee. Scientific Environmental Design™ shall not be liable for consequential economic damages resulting from breach of this written certificate or any implied guarantee.

**The energy use values will be provided after the energy performance analysis is complete.*

SCIENTIFIC ENVIRONMENTAL DESIGN™, INC.

ACCEPTANCE BY THE HOMEOWNER

I agree to the above conditions for the operation of the SED Total Flow™ Technology at:

Owner