



GREEN LIVING

The first-of-its-kind, Eskaton National Demonstration Home offers seniors more than universal design and home healthcare technologies—it also incorporates environmentally friendly, green-living features that reduce its carbon footprint, qualifying it for the prestigious Green Built Homes of America certification.

CERTIFIED BY GREEN BUILT HOMES OF AMERICA

To qualify as a certified Green Built Home, the Eskaton National Demonstration Home met or exceeded stringent testing and inspection schedules — including those for water conservation, energy efficiency and smart waste management (recycle/reuse). Through plumbing and landscape design, the demonstration home achieved a nearly 25% reduction of water usage, and is at least 35% more energy efficient than homes meeting California’s current energy codes.

SOLAR POWER

The Eskaton National Demonstration Home is equipped with a state-of-the-art solar power system, using photovoltaic panels to convert energy from the sun into electricity. Requiring no fuel and producing no emissions or waste, photovoltaic technology is great for the environment. Using solar power can also indirectly help reduce the amount of fossil fuel used by local thermal power stations, which, in turn, reduces monthly electric bills.

TANKLESS WATER HEATER

The Eskaton National Demonstration Home’s tankless water heater heats water on demand without storing large quantities of water. Traditional systems store water, causing heating elements to cycle on and off —even when hot water is not needed. Traditional tank heaters also result in thermal heat loss and wasted energy.

SPRAY-IN GREEN GUARD CERTIFIED INSULATION

The Eskaton National Demonstration Home features a spray-in insulation product that won’t settle or separate over time. The fibers fill every cavity, including difficult areas, such as irregular spaces and behind electrical boxes— unlike traditional insulation, which can leave gaps allowing air to flow in and out, creating loss of efficiency and integrity. The Green Guard certified product ensures low emission levels of VOC’s, formaldehyde, total aldehydes and respirable particles.

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HIGH EFFICIENCY HEATING/AIR CONDITIONING SYSTEM WITH AIR FILTRATION

The Eskaton National Demonstration Home features the Allergen Safe Homes air filtration system, which not only delivers healthy indoor air quality, but also serves as a highly efficient HVAC system with a Seasonal Energy Efficiency Ratio (SEER) value of 15.0. A high SEER value means better efficiency and lower energy bills. The California Building Energy Efficiency Standards, title 24, currently requires a SEER value of 13.0.

HIGH EFFICIENCY LED GENERAL OVERHEAD LIGHTING

The Eskaton National Demonstration Home uses Light Emitting Diode (LED) lighting in all recessed fixtures throughout the home. The energy efficiency of LED lighting is astonishing when compared to Compact Fluorescent Lamp (CFL) and standard incandescent bulbs. While CFL bulbs last roughly four years and incandescent bulbs about one year, LED modules last at least 15 years and run on low voltage wiring.