

Inclinor Company of America

Inclinor Revolutionizes Residential Elevator Industry

The industry's most customizable home elevator is now also the most technologically advanced elevator in the market. Inclinor Company of America, a leader in the residential elevator industry, introduces the first drive system in the industry to receive ASME A17.7 performance-based code compliance certification. The certification, two years in the making, takes the residential elevator industry to the next level.

Inclinor's new technology advances the industry in the following ways:

- ◆ The gearless motor traction drive offers greater torque by using a smaller sheave than the current A17.1 code allows.
- ◆ More cable strength by using new technologies in cable material composition not provided for under A17.1. (The cable is thinner in diameter – 1/4" vs. 3/8" and needed to work a smaller sheave.)
- ◆ Creates a safer, more reliable emergency lowering system by eliminating the manual lowering requirement and providing an electronic failsafe design.
- ◆ Reduces energy consumption 40-50% over traditional cable drum and hydraulic drives.
- ◆ The gearless motor has fewer moving parts and runs at a lower speed, resulting in a longer life span than geared motors.

"This isn't just a milestone for Inclinor, it's also a milestone for the residential elevator industry," says Steve Nock, CEO of Inclinor Company of America. "We could have continued meeting A17.1 requirements with our elevators like everyone else, but that wouldn't have ever resulted in providing a better elevator. We chose, instead, to work to improve the technology and the standards to create a better functioning home elevator."

The new ASME performance-based code (PBC) allows faster implementation of new technologies and quicker delivery of product to market. The PBC for elevators, ASME A17.7/CSA B44.7, is a joint American and Canadian standard that is administered through both ANSI for the U.S. and the SCC for Canada. It was adopted in 2007. The ASME A17.7/CSA B44.7 code covers the evaluation of design, construction, operation, inspection, testing, maintenance, alteration and repair of systems, subsystems, components and/or functions, which deviate from the prescriptive codes ASME A17.1/CSA B44 of the following:

- ◆ Hoisting and lowering mechanisms, equipped with a car that moves between one or more landings.
- ◆ Hoisting and lowering mechanisms, equipped with a car that serves two or more landings, and are restricted to the carrying of material by their size or limited access to the car.

Inclinor's patented gearless traction motor drive system combines proven technology and best performing results with one-of-a-kind interior design to create the most customizable home elevator. Inclinor offers five car styles, multiple door configurations and car sizes; and an unparalleled selection of finishes and accessories - making it easy to match any home's design and finish.

Inclinor's new raised hardwood marquetry veneer panels bring a new element of design to residential elevators. Custom designs are digitally applied to the wood panels, creating a look resembling an inlaid finish. The feature offers flexibility to create unique designs, such as personalized monograms, family crest or photos. Any wood species can be replicated, and multiple wood types can be included.

Inclinor Company of America, a residential elevator company based in Harrisburg, Pa., invented the home elevator in 1928. Today there are more Inclinor® elevators in homes across the country than any other brand. All Inclinor products are produced in its South Central Pennsylvania manufacturing facility. For information on Inclinor's full product line visit www.inclinor.com.

