1999 NOVA AWARD WINNER

EcoSystem™ -- Affordable, Environmentally-Friendly Elevators

In April 1998, Montgomery KONE introduced the EcoSystem™ elevator, a new family of products for vertical transportation. Members of the family include EcoSpace™ and MonoSpace™, products that are used for simplex or duplex installations that have 2 to 10 landings, up to 80 feet of travel, and operate at 200 fpm. EcoSpace™ has its controller closet located adjacent to the hoistway at the top elevator landing, and MonoSpace™ has its controller closet built into the front wall of the hoistway at the top landing. The compact EcoDisc™ hoisting machine is an AC gearless motor of axial synchronous design with an integrated traction sheave, break flange, and rotor. Compact and light weight, EcoDisc™, requires no penthouse or large machine room. As its name suggests, EcoSystem™ is ecologically responsible. Unlike hydraulic elevators that may eventually develop leaks and harm the environment, the system uses no hydraulic fluid. The system also uses less electricity than hydraulic and traction elevators. EcoSystem™ products feature better space utilization for the building owner, simplified installation for contractors, and faster, smoother rides for passengers.

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