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Many factors need to be considered when selecting elevators for homes. Compared to a commercial elevator, a home accessibility system has limits on size, load capacity, travel height, and speed. Moreover, there are various types of elevators for homes. This article offers some tips to make the right choice.

Buying a Home Elevator â€“ Factors to Consider

â€¢ Building features: Your choice would be affected by building height which determines the distance to be traveled. The location of hoistway is also significant â€“ the type of elevator you choose would depend on whether it will occupy a set of closets, a shaft, a stairwell or a room corner.

â€¢ Intended use and occupancy: The type of occupancy is important. For instance, car size and capacity would depend on the type of expected occupancy in one trip â€“ one person, more than one person, an unassisted wheelchair user and so on. A sturdy model is necessary if you would want to transport heavy goods from floor to floor.

â€¢ Type of equipment: Elevators for home use may come with different drive systems such as roped-hydraulic, winding drum, counter-weighted chain, and gearless. Hydraulic systems may use a hoistless system or a roped hydraulic machine, and are an excellent choice for homes as they can be set up without much structural modification. Winding drum systems do not need a machine room and are ideal for residences with space limitations. A gearless model saves energy and keeps your home comfortable with whisper-soft operation. Load capacities may vary among all these models.

â€¢ Safety features: Residential elevators offer standard safety features. Many manufacturers offer additional options such as key switches, backup systems that work during power failures, more handrails, and so on.

â€¢ Customization options: If it is important that your elevator blends with your home dÃ©cor, choose a model that comes with a wide range of custom options. Choices exist for cab height, speed, number of stops, type of gate, flooring, interior finishes, cab panels, and more.

Residential Elevator Installation

Elevators for homes should be installed in accordance with manufacturer specifications and to meet local building codes. The American Society of Mechanical Engineers (ASME) lays down the code or safety regulations for elevators. The code covers regulations for equipment rooms, design, operation, and safety.

To ensure compliance, have your home accessibility device installed by a professional. Established elevator suppliers offer installation service by expert factory-trained personnel. They are also well aware of ASME code updates. Whether you are building new or renovating, they can set help you install your system with the least hassle.

Partner with a dealer that is available on call for maintenance and repair. See that your system comes with proper warranty. Inspections and tests are mandatory, so make sure that your elevator supplier offers such services too.

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