

INFINITY - LUXURY RESIDENTIAL ELEVATOR KEY FEATURES AND BENEFITS

Infinite Appeal

- Mix and Match Cab Designs, Fixtures and Sizes to create your own unique elevator
 - Variety of Wall Finishes include Melamine, Thermo foil, raised Maple, Oak and Cherry. For the do-it-yourselfers, MDF is also available
 - Variety of Car Operating Panels available in stainless, brass (lacquered to eliminate polishing) or combination metals
 - Variety of Rectangular or Oval Hall Call Stations in stainless or lacquered brass
 - Oak, brass, stainless or painted handrails
 - Multiple Ceiling Finishes
 - Oak Hardwood Flooring
- Custom sizes, shapes, designs, finishes, heights and configurations all available**

Ride Quality

- Elevator Guide Rail provides smooth joints and stable ride
- Structural Design of cab and sling eliminates deflection and unwanted cab movement
- High-Tech Polyurethane Guide Shoes reduce friction and noise normally associated with rollers
- Quiet and smooth riding Car Gate Operation with proven gate switch
- Commercial Buttons and Fixtures that have to meet the more stringent passenger elevator testing and design criteria
- Commercial Quality Controller
- Matched, factory assembled and tested Pump/Motor Assemblies
- Plug-N-Play Wiring ensures correct and stable connections throughout the installation

Safety Devices

- Slack Rope Safeties that instantly lock the elevator onto the rails the moment any lifting cable loses tension
- Negative Pressure Module valve prevents car movement if hydraulic pressure is lost
- Backup Lighting powered by emergency battery
- Flow Control Valve to prevent over-speed in the down direction
- Interlocks provided, which maintain the door in the closed and locked position before elevator can move
- Dictator Option for high wind pressure hoist-ways

Hydraulic Drive System

Concord introduced the 1:2 Cable Hydraulic Drive System to the residential lift industry

- 1:2 Cable Hydraulic Drive System means 1 foot of cylinder rod movement for 2 feet of cab travel
- Solid, accurately machined Cylinder Rod provides a stiff column for a high quality ride
- Twin Lip Cup high performance seal provides for cylinder rod stability - virtually eliminating leakage
- Variable Speed Proportional Valve provides for the smoothest, most consistent ride in the industry, regardless of the weight load in the cab
- Spring isolated Submersible Motor and Pump provide for a smooth, quiet operation
- Electro-Proportional Valve controls the descent of the elevator further reducing power requirements and noise
- Emergency Battery Lowering provides a safe means of exit in the event of a power failure
- Emergency Manual Lowering Device is located outside the descent for easy, safe and effective passenger descend in the event of an emergency