

ORION

KEY FEATURES AND BENEFITS

Commercial or Residential lift for applications requiring larger platforms or loads.

Standard Options

- Modular steel cab design for robust, long lasting performance
 - Variety of Wall Finishes in either economical baked polyester solid steel or fire rated plastic laminate hang on panels
 - Variety of Doors available automatic two speed sliding or swing type in manual or automatic operation
 - Up to 25 ft of travel allowed on commercial applications, up to 40 ft available for residential
 - ADA Phone available built into car operating station
 - Phase II Fire Service available to meet the strictest codes and standards (optional where permitted)
 - Over Speed Governor is available as required by codes
 - Digital Floor Indicators in hall calls and car operating panel confirm the location of the elevator
 - Arrival Chimes in hall and car for the visually impaired
- 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
- Light Curtain standard when 2 speed doors ordered to ensure passenger safety.

Hydraulic Drive System (Savaria 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