



Elevation Innovation Inc

Commercial 75, 125 & 250lb Intelli-Lift CPLD / G3 Dumbwaiter Systems

The Intelli-Lift Dumbwaiter from Elevation Innovation incorporates technology for ease of installation, usage, and maintenance. The controller has a solid state relay logic design and is capable of up to six floors with a front and rear door with the standard system and up to nine floors with the G3 control system. The G3 system has a digital call send station with, in use, arrival light, arrival buzzer as well as a direction of travel and floor indicator. The standard system has an in use light as well as a car here indicator and arrival buzzer if required.

Standard Features:

- A full UL certification on the entire unit – UL#SA32120
- Intelligent CPLD logic with a 20+ year life cycle
- Bi-Parting or Slide up gate system
- G3 Digital keypads / Standard CPLD has large push buttons
- Powder coated steel or stainless steel commercial cab's
- One of a kind commercial grade rail/trolley system
- Maintenance free motor/gear assembly
- Safety devices including slack cable, final limit, and sling brake
- Interlock door safety devices
- 75, 125 or 250lb capacity
- 30 feet per minute travel speed 50fpm optional
- Economical, reliable cable drive
- Travel up to 75 feet with a maximum of 9 stops
- Warranty: Three year limited parts, extended warranties available



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Commercial 250 Lb.

Inteli-Lift CPLD and G3 Dumbwaiter Systems

Fully UL Certified to exceed ASME A17.1 Standards

Inteli-lift 75, 125 and 250 Dumbwaiter Specifications

UL Listing #SA32120

Deflection DESIGN	250# dumbwaiter will carry 250 lbs and meet all codes per ANSI for cab deflection. Floor loading or Counter height
CAR SIZE	30" x 30" x 36" or Custom Size and Shape Up to 17.7 ft cubed
MATERIAL	Powder Coated Steel or Stainless Steel
OPENING	One or two sides available.
CAPACITY	75, 125, or 250 lbs
SPEED	30 fpm , 50fpm optional
POWER	115v 1 Ph. 20 amp circuit, 230v optional 50 or 60 Hz.
POWER UNIT	Floor mount, Wall mount above or below
WINDING DRUM	High torque electric motor and completely enclosed worm gear, drums machined to accommodate a single 1/8" 7 x 19 ANSI IPS galvanized steel cable.
GUIDE RAIL	Monorail type
CONTROLS	Fully automatic allowing car to be sent or called from any floor. Terminal limit switch provided for finals. Car stops automatically at landing levels. Door interlocks for hoist-way doors to prevent operation of the dumbwaiter unless doors are closed and to prevent opening of any door except when the car is at the landing.
OPTIONAL EQUIPMENT	Light in car, sound base, removable adjustable shelves.

UL Certification

The Inteli-Lift dumbwaiter is the only fully UL certified dumbwaiter in the world today. Elevation Innovation Inc. along with UL engineers ran tests over a four day period on the Inteli-Lift dumbwaiter system. All components in the system are certified to exceed the ASME A17.1 elevator code for dumbwaiters, right down to the smallest nuts and bolts on the system. Our manufacturing facility receives 4 surprise inspections a year from a UL engineer to ensure we are complying with the tested materials.

Along with all the electronic testing to certify the controller, our system was subjected to a series of endurance tests. Our system was loaded with the maximum allowable weight of 250 lbs. and ran 1100 times consecutively to ensure long term durability. It passed with flying colors. Another test that achieved success was the over load test. The unit was loaded with five times the maximum weight, 1250 lbs. and a timed static test was approved. All components from door interlocks to the call / send buttons have been subjected to UL testing and passed with ease.