Elevation Innovation Inc

Commercial 75, 125 & 250lb Inteli-Lift CPLD Dumbwaiter Systems

The Inteli-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. The standard system has stainless steel tamper resistant Halo buttons an in use light as well as a car here indicator and arrival buzzer if required. For food service we provide the i3 Innovation Industries call station with large square buttons, an in use and arrival light with an arrival buzzer standard.

Standard Features:

A full UL certification on the entire unit — UL#SA32120

Intelligent CPLD logic with a 20+ year life cycle

Bi-Parting gate system

Halo buttons in the standard call / send station, optional buzzer

Food service has large push buttons and an arrival buzzer

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 6 stops

Warranty: Three year limited parts, extended warranties available

Visit **www.eilifts.com** for all the information

Elevation Innovation Inc

Commercial 250 Lb.
Inteli-Lift CPLD Dumbwaiter Systems
Fully UL Certified to exceed ASME A17.1 Standards

Inteli-lift 75, 125 and 250 Dumbwaiter Specifications

UL Listing #SA32120

Deflection	250# dumbwaiter will carry 250 lbs and meet all codes per ANSI for cab deflection.
DESIGN	Floor loading or Counter height
CAR	30" x 30" x 36" or Custom Size and Shape
SIZE	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, 208—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 EQUIPTMENT	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.