



*Elevation Innovation Inc*

## RST - Commercial Restaurant Inteli-Lift GEN II Dumbwaiter Systems

Elevation Innovation Inc. has developed a high quality “Fully Underwriters Laboratory Certified” restaurant dumbwaiter system available to the food service industry UL file #SA32120. The Inteli-Lift GEN II RST restaurant dumbwaiter is an economical motorized dumb waiter. This is usually installed by the restaurant dumbwaiter contractor in 2 days with fire rated dumbwaiter doors.

### Standard Features:

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

Soft start and soft stop

Intelligent cat 5 controller with text display

Digital Keypads – Travel direction indicator / floor indicator

Stainless steel commercial cab's 20" wide x 30" deep x 36" tall

Three custom aluminum trays

Commercial grade rail/trolley system

Maintenance free wash down motor/gear assembly

Safety devices including slack cable, final limit, and trolley brake

Interlock door safety devices (locks doors when dumbwaiter is at other levels)

250lb capacity

30 / 50 fpm rated speed

Economical, reliable cable drive Travel up to 75 feet with a maximum of 9 stops

Bi-Parting gate system

115V or 230V dumb waiter operation single phase or three phase 50/60 Hz.

Warranty: Three year limited parts, extended warranties available



Visit [www.eilifts.com](http://www.eilifts.com) for all the information

### **Elevation Innovation, Inc.**

6060 Enterprise Dr. Suite A  
Diamond Springs, CA 95619

Phone: (877) 345-4387

Fax: (877) 285-3050

E-mail: [info@eilifts.com](mailto:info@eilifts.com)

[www.eilifts.com](http://www.eilifts.com)



## RST Intelli-Lift Commercial 250 Lb.

Intelli-Lift GEN II Dumbwaiter Systems  
Fully UL Certified to exceed ASME A17.1 Standards

### Intelli-lift RST 250 Dumbwaiter Specifications

#### UL Listing #SA32120

<b>Deflection DESIGN</b>	250# dumbwaiter will carry 250 lbs and meet all codes per ANSI for cab deflection. Floor loading or Counter height
<b>CAR SIZE</b>	20" x 30" x 36" or Custom Size and Shape Up to 17.7 ft cubed
<b>MATERIAL</b>	Stainless Steel
<b>OPENING</b>	One or two sides available.
<b>CAPACITY</b>	250 lbs
<b>SPEED</b>	30 fpm, 50 fpm optional
<b>POWER</b>	115v 1 Ph. 20 amp circuit, 230v optional 50 or 60 Hz.
<b>POWER UNIT</b>	Floor mount, Wall mount above or below
<b>WINDING DRUM</b>	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.
<b>GUIDE RAIL</b>	Monorail type
<b>CONTROLS</b>	Fully automatic allowing car to be sent or called from any floor. Terminal limit switch provided for top final. 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.
<b>OPTIONAL EQUIPMENT</b>	Light in car, sound base, removable adjustable shelves.

### UL Certification

The Intelli-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 Intelli-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.