



*Elevation Innovation Inc*

## RST - Commercial Restaurant Inteli-Lift CPLD 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 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 with variable frequency drive
- Solid state relay logic controller up to six floors, two doors per level
- Innovation Industries Inc. call / send stations
- Non illuminated call / send buttons, illuminated in use and car here
- Stainless steel commercial cab's 20" wide x 30" deep x 36" tall
- Three custom aluminum trays included
- Commercial grade rail/trolley system
- Maintenance free wash down 230v 3 phase 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 6 stops
- Bi-Parting gate system
- 115V or 230V dumb waiter operation single phase or three phase 50/60 Hz.



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)



*Elevation Innovation Inc*

## **RST Intelli-Lift Commercial 250 Lb.**

Intelli-Lift CPLD 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. 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 230v three phase motor
<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 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.
<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.