

Specifications:**Winding Drum Dumbwaiter - Model Cable Waiter****GENERAL:**

SCOPE: To furnish all labour, materials and equipment necessary or required to fully complete the installation of a residential dumbwaiter. The specification is intended to cover the complete installation of a "Cable Waiter" dumbwaiter.

SYSTEM DESCRIPTION: The dumbwaiter assembly shall consist of a power unit, car guide system, winding drum lifting device, control system, signals and alarms, electrical wiring, and parts and accessories necessary to provide required performance, operation, code and safety requirements.

QUALITY ASSURANCE: The "Cable Waiter" dumbwaiter shall meet and/or exceed applicable codes and regulations of all governing agencies and be in conformance with the most current codes/standards:

- a) CSA B44-00 National Safety Code for Elevators, Section 5.3-Private Residence Elevators.
- b) Canadian Electrical Code Part 1. and the Ontario Electrical Code consisting of CSA C22.1 -02
- c) Local Codes and regulations as required

PREPARATORY WORK BY OTHERS: Suitable hoistway enclosure including pit, landing doors with hardware and guide rail mounting supports. 120/1/60 volt power source including manually operated fused line disconnect. Provide clear access to elevator installation location and remove all obstacles prior to elevator delivery and installation.

PRODUCT DATA:

A.) The dumbwaiter shall be the "Cable Waiter" Manufactured by Waupaca Elevator Inc.

Dealer: Canada Custom Elevator Inc.

2660 Meadowvale Blvd., Unit #1

Mississauga, Ontario. L5N 6M6

Ph: (905)286.4444 Fax: (905)286.4355 Toll Free: 1.888.283.1112

Rated Load: 100 lbs. (46 kg.) maximum

Speed: 30 fpm. (.015 mps)

Operation: Automatic

Power Supply: 115 vac, 1 Phase, 20 amp fused line disconnect (230/208 also available)

Car Dimensions: 16"W x 16"L x 24"H or 20"W x 20"L x 30"H or 26"W x 26"L x 36"H

Travel: Up to 50 ft (1270mm), up to (6) six stops

Loading Height: 30" min. when machine is "rail mounted" below car (Overhead or remote machine location and or pit, required for loading heights below 30"

Overhead: 8"(203mm) min., 18"(457mm) recommended above top of car (Additional overhead required for car gates or overhead machine configurations)

Guide Rail: Specially formed 3/16in. thick, 8in. wide (inside) steel channel, provided with mounting bracket supports

Machine: Winding drum drive with single speed instant reversing 3/4 h.p. motor and a high-torque gear reducer mounted on a structural steel base.

Brake: Single Electromagnetic disc brake. Electrically released and spring applied, and released only when drive motor is energized.

Cables: The cab shall be supported by 1/8in. steel aircraft cable.

Controls: Momentary contact, fully automatic call/send buttons at each landing.

Stopping Devices: Normal limit switches provided at each landing to stop car at designated loading height. Top final limit is provided to prevent over travel at the top landing.

Car Sling: Heavy gauge steel angle mounted to rails by (4) four high density synthetic guides. Instantaneous car safety and slack rope safety are included.

Car: Enamel finished sheet steel with maximum (3) three openings.

Optional Car Gate: All Residential Dumbwaiters come standard without gates. Car gates are available in bi-part and slide up styles with a painted steel or S/S finish.

Hoistway Doors: Swing doors provided by others. Optional bi-part and slide up styles in either a primed steel or S/S finish

Interlocks: HG-1 single contact - required at each landing

Warranty: The "Cable Waiter" carries a manufacturers (1) one year limited warranty on material and workmanship.

END OF SECTION