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**ELEVATOR CONCEPTS LTD**

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## MODEL DW-2 RESIDENTIAL DUMBWAITER SPECIFICATION

### PERFORMANCE CHARACTERISTICS

100# net capacity at 18 feet per minute. 2 to 4 stops; up to 25' of travel

### CAB

5/8" high pressure laminate panels. Removable shelf finished with same laminate. Interior car dimensions 2 " x 2 " x 24",

### FRAME

16 gauge galvanized steel crosshead, sidestiles, and underframe, bolted for durability and easy of installation. Supply all cams and brackets necessary for operation of all switches and locks.

### GUIDE RAILS

16 gauge galvanized steel formed guide rail sections in 48" segment lengths. 7 gauge formed steel rail brackets for joining rail segments and attaching to wall.

### DRIVE UNIT

Totally enclosed inline reduction unit, with steel gears supported by ball bearings in a precision housing, close coupled to a TEFC split phase motor. Twin disc brake directly coupled to motor shaft with electric release and spring actuation. Drive unit can be located at top or bottom of dumbwaiter.

Precision machined steel drum, directly coupled to gear reduction unit with taper lock bushing. Suspension cable 1/8" aircraft construction. 7 gauge formed steel motor base to be formed steel, attached directly to guide rail bracket. Base mounted units equipped with 7 gauge formed steel overhead beam attached to guide rail bracket with full ball bearing deflector sheaves.

### CONTROLS

Electromagnetic controller with IEC reversing contactor, step down transformer, logic relays as required, terminals, and fuses in a NEMA 1 enclosure. Upper and lower limit switches fully enclosed snap contact type, UL approved. Mechanical or solenoid operated door locks. Hall buttons momentary contact type with stainless steel faceplate.

### OPERATION

With all doors closed, momentary pressure on call or send button while cause car to move to proper level, and stop automatically when actuating limit switch.

### WORK BY OTHERS

Framing and finishing of dumbwaiter shaft, supply and install shaft doors, supply and install fused disconnect at bottom of shaft for power supply - 115 volts, 15 amp, all in accordance with shop drawings.