



MACHINE ROOMLESS (MRL) OVERHEAD CABLE DRUM ELEVATOR SPECIFICATIONS

CAPACITY & CAR SIZE:	Capacity is 1000 lbs max. Max. Car size 15 ft sq or 18 ft sq where allowed. Min. Car size 42" W X 36" D (D is measurement out from rail) Max. D dimension is 48"; Max. W dimension is 64"
SPEED, TRAVEL, & LANDINGS:	Max. 40 fpm, Max. Car travel 40 ft., serving 6 Landings (12" min. between landings). Note: a maximum of 30fpm required if overhead is reduced by 3".
MINIMUM OVERHEAD:	8 ft. 9 inches for a standard 6'-8" (80") Inside Height Car @ 40fpm. Other car heights: Overhead = Inside Car Ht. + 25" (@40fpm).
POWER & WIRING:	<ul style="list-style-type: none">▪ 208-240 VAC, 60HZ, 1Φ, 15A Nominal, 10AWG wire recommended, 20A or 30A breaker. (Elevator system power, voltages below 220VAC may require boost transformer – supplied by others.)▪ 120VAC 60 Hz, 1Φ, 6A Nominal, 15A breaker (Car Lights & accs)
CONTROL SYSTEM WIRING:	Plug in wiring package ... connector terminated cables.
ENVIRONMENTAL REQUIREMENTS	40° F to 120° F (4°C to 49°C) not intended for outdoor exposure and/or outdoor environment.
MOTOR:	3 HP 3 Phase motor powered by Variable Frequency Drive (VFD).
DRIVE:	Dbl. Reduction Worm Gear (Machine located at top of Hoistway)
BRAKE:	Mechanically applied, electrically released brake.
GUIDE RAIL:	Two Custom-Formed Guide Rails
SUSPENSION MEANS:	2 pcs 3/8" 8 X 19 IWRC wire rope.
PLATFORM:	Steel Car Frame supported plywood with hardwood veneer or laminated floor standard.
CAR ENCLOSURES:	Solid wood panels, hardwood veneer panels, MDF or acrylic panels with aluminum frame. Handrails are available.
CAR DOORS & GATES:	1 to 2 openings, ASME A17.1-2016 code compliant gates.
PIT DEPTH:	8" minimum, (12" min. with buffer spring)
CONTROLS & SWITCHES:	Floor Buttons, Key Switch, Position Indicator, and Alarm Button in car. Hall Station Button and Position Indicator at each floor.
SAFETY DEVICES:	Dual type "A" instantaneous safeties, Upper & lower final limits, Slack Rope switch, Pit Switch, Automatic Cab Light, Door/Gate contacts on car, Light Curtain contacts on car, Shaft doors electrically and mechanically interlocked.
EMERGENCY FEATURES:	Emergency Light and Alarm, Battery Lowering, and Manual Lowering.
WARRANTY:	Limited 2 Year Parts Warranty.

