



ROPED HYDRAULIC 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 36" W X 32" D (D is measurement out from rail) Max. D dimension is 44"; Max. W dimension is 64"
SPEED, TRAVEL, & LANDINGS:	36 ± 4 fpm, Max. 50 ft., Serving 6 Landings (12" min. between landings).
MINIMUM OVERHEAD:	8 ft. for a standard 6'-8" (80") Inside Height Car @ 40fpm. Other car heights: Overhead = Inside Car Ht. + 16" (@40fpm).
POWER:	<ul style="list-style-type: none">▪ 220-230VAC, 60HZ, 1Φ, 28.5A Nominal, 8 AWG wire recommended, 40A breaker. (Elevator system power)▪ 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:	5 HP, Single Phase, 208-240 VAC, 60 HZ
DRIVE:	1:2 Roped Hole-less Hydraulic
RUPTURE VALVE:	Line Rupture Valve Supplied, Valve must be adjusted after installation.
JACK SIZE:	70mm or 80mm diameter piston (depending on travel) with 4" o.d. cylinder standard.
GUIDE RAIL:	Single Steel Guide Rail – C Channel
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, collapsible or accordion gates.
PIT DEPTH:	10" minimum, (13" min with buffer springs)
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, Pressure switch, Hi Temp switch, Rupture Valve/Velocity Fuse, Anti-creep leveling device, 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.