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: ▪ 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.


WARRANTY: Limited 2 Year Parts Warranty.

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