

Technical Information for Home Elevator (Subject to final engineering)

Drive:	Roped Hydraulic in 2:1 roping
Pump Unit:	CSA approved with 3.5 HP motor and 3-coil valve operation. Soft start and stop.
Cylinder:	Single stage jack of piston diameter: 80mm (other brands 70mm)
Controller:	CSA approved with programmable microprocessor and battery back up
Capacity:	550 lbs (250 kg) 705 lbs (320 kg) 880 lbs (400 kg)
Speed:	40 fpm (0.2 m/s)
Maximum Travel:	50 feet
Maximum Stops:	4 floors
Minimum Overhead:	8'-11" (2720 mm) for standard 6'-6" (2000 mm) cab height <u>or</u> 9'-3" (2820 mm) for optional 6'-10" (2100 mm) cab height (measured from the last stop finished floor level to the underside of hoistway)
Minimum Pit Depth:	4" (100 mm) (measured from the first stop finished floor level to the top of pit surface)

Technical Information for Home Elevator (Subject to final engineering)

Power Supply:	240 V, 60 Hz, 2-phase, 30 Amp for controller and pump unit (3-phase fused & lockable disconnect)
	110 V, 60 Hz, 1-phase, 15 Amp for cab lighting and fan. (1-phase fused & lockable disconnect)
Landing Entrance:	In-Line entrance (F) Front and Rear entrances (O) Right Angled entrances (A) Clear height: 6'-6" or 2000 mm (standard) 6'-10" or 2100 mm (optional) Material: aluminum framed with laminated clear glass panel
Entrance Width:	37" (950mm) – Wheelchair accessible Based on typical wheelchair of 30" wide in North America
Cab Interior:	Clear Height: 6'-6" or 2000 mm (standard) 6'-10" or 2100 mm (optional) Material: Aluminum framed with laminated clear glass panel or wood panel

Understanding Model No.

CS/L R/S – n F/O/A - CWWDD

CS/L = Model (**CS** = Crystal or **CL** = Classic)

R/S = Location of Cylinder (**R** = Rear, **S** = Side)

n = no. of entrance

F/O/A = Entrances (**F** = Front or **O** = Opposite or **A** = Angled)

C = Capacity (**5** = 550 lbs. or **7** = 705 lbs. or **8** = 880 lbs.)

WW = Car Width (**27** = 2'-7", **33** = 3'-3", **41** = 4'-1")

DD = Car Depth (**27** = 2'-7", **33** = 3'-3", **41** = 4'-1")