

# TECHNICAL SPECIFICATIONS 52” MODEL



<b>Power Supply</b>	35 Amps @ 220VAC
<b>Motor Power</b>	5 KW X 6 motors located in pump box
<b>Dimensions</b>	a) External cylinder diameter: 52 11/16” (1338.3mm) b) Internal Cabin diameter: 44” (1117.6mm) c) Internal cabin height: 6’-7” (2006.6mm) d) Entrance width opening 32” (812.8mm)
<b>Total Weight</b>	2stop-1500lbs(680.39kg) - 3stop- 2040lbs (925.33kg)
<b>Lift Capacity</b>	525 lbs.
<b>Velocity</b>	20ft/min at 450lbs (6.1M/min at 204kg)
<b>Illumination</b>	LED Lighting inside car on ceiling
<b>Electrical circuits</b>	24-volt
<b>Lubrication</b>	Not required
<b>Maintenance</b>	Car seal needs to be replaced approximately every 15,000 trips. This is not a safety issue, however, it will need to be done periodically in order to maintain an acceptable speed.
<b>Cleaning</b>	The exterior surface of the cylinder will attract dust over time. It is recommended that the exterior surface be “wiped down” with a soft scratch-free cloth using polycarbonate cleanser. Cleaning is recommended approximately every 30 days or as needed.
<b>Installation</b>	No excavation or shaft required. Elevator rests on floor and is self- supported (upper floor stabilizing is required)
<b>Doors</b>	May open from opposite sides on each floor (i.e. N-S, E-W, etc.). All doors are hinged on left (with door swing to the left) from inside the elevator car. Safety switches included. Each landing level specified will include one door.
<b>Safety</b>	Pressure switch a) Elevator brakes within 2 inches of landing with any emergency situations that may arise. b) Elevator automatically descends at a safe speed to the ground floor in the event of a power failure.
<b>Warranty</b>	1 year limited on parts only
<b>Alarm System</b>	Located inside car, emergency ventilation
<b>Operation</b>	Single push button with precise leveling at each landing
<b>Frame</b>	Aluminum columns
<b>Spacer Rings</b>	Each floor and ceiling will have a spacer ring installed to hide gaps and / or terminate flooring. (Included in total price)