



STANDARD SPECIFICATIONS

S-Series & E-Series Residential Elevators

This lift complies with this NZ Building Code Standard	NZS 4334:2012
These are the relevant NZ Building Code clauses for this class of lift, and this lift complies with all of these clauses.	B1, B2, D2/AS2, F8
Available Car Layout Options	Enclosed, Open, Through, Enclosed Platform, Corner
Available Car Sizes	From 800mm to 1400mm in approx. 50mm increments, square or rectangle
Maximum passenger load capacity (kgs)	350kg
Maximum travel speed	300mm/second
Drive system	Direct acting electric-hydraulic using oil. Powered in both directions.
Guide system	Car mounted to a carriage, running on rails
Maximum number of stops	5
Maximum travel distance	9.6m
Maximum car ceiling height	2.4m
Minimum car ceiling height	2.0m
Minimum lift shaft ceiling height required on rail wall	2.3m
Minimum pit depth required	300mm
Minimum cylinder hole depth required for lift travelling 3.6m	No hole required
Minimum cylinder hole depth required for lift travelling between 3.6m and 7m	1.8m deep, measured from bottom of pit
Minimum cylinder hole depth required for lift travelling between 7m and 9.6m	3.0m deep, measured from bottom of pit
Lift shaft construction requirement (rail wall)	Wall can be constructed from any material and should be flush and smooth. Fixing points for rails will be required, contact Powerglide for specific details of this.
Lift shaft construction requirement (non-rail wall)	Wall can be constructed from any material and should be flush and smooth.
Car Frame Assembly	RHS Steel, painted
Standard Car Wall, Floor and Ceiling assembly	Melamine, Melteca and Bestwood products. Stainless steel and steel powder coated trims.
Door system	Client supplied and installed hinge door, hung flush with lift shaft interior.
Door latching safety system	Powerglide supply, client install. Double monitored electric strike with 3rd check on electric reed switch mounted remotely
Door opening/closing system	Manual by use of exterior and interior pull handles
Passenger protection of open side(s) of car	Light curtains or pressure sensitive edge





Standard Lift car lighting	4 x LED spotlight by Powerglide (power supply to lights is 20 watts, 1 Amp, max current 20 watts)
Backup systems for power failure	Battery for safe exit and lights only
Lift plant room	Required to be separate from the lift shaft and can be up to 12m from lift shaft. Refer to the Lift Shaft Builders Guide for further details.
Required power supply to lift plant room	A 20 Amp permanent, dedicated 240V Non-RCD Single Phase supply with isolate switch.
Required power supply to lift shaft	None. Lift shaft lighting is supplied by Powerglide

