


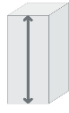


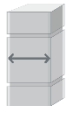





PLANNING INFORMATION

				Car			Door		Lift Shaft				
													
Passenger Max.	Load Max kg	Available Speeds m/s	Recommended Max. Travel m / Max. Stops	Wide mm	Deep mm	High mm	Type	Wide mm	High mm	Wide mm	Deep mm	Pit mm	Overhead mm
8 MINIMUM EQUAL ACCESS SIZE NCC/AS1735.12	630	1.0, 1.6	12 / 6	1,100	1,400	2,200-3,000	NC	900	2,000-2,400	1,940	1,755	1,175 1m/s	CH+1,350 1m/s
							NS			1,750	1,830		
							OC			1,940	1,910		
							OS			1,750	2,060		
							DCC			1,940	2,195		
							DSS			1,980	1,830		
							DCS			1,980	1,755		
							DSC			1,905	2,005		
10	800	1.0, 1.6	12 / 6	1,400	1,400	2,200-3,000	NC	900	2,000-2,400	2,050	1,755	1,175 1m/s	CH+1,400 1m/s
							NS			2,050	1,810		
							OC			2,050	1,910		
							OS			2,050	2,040		
							DCC			2,275	1,940		
							DSS			2,280	1,830		
							DCS			2,280	1,755		
							DSC			2,205	1,940		
12 NOMINAL SIZE FOR APARTMENTS	900	1.0, 1.6	12 / 6	1,400	1,600	2,200-3,000	NC	900	2,000-2,400	2,050	1,950	1,175 1m/s	CH+1,400 1m/s
							NS			2,050	2,030		
							OC			2,050	2,110		
							OS			2,050	2,260		
							DCC			2,275	1,955		
							DSS			2,280	2,030		
							DCS			2,280	1,955		
							DSC			2,205	2,030		
13 STRETCHER COMPLIANT BUILDINGS WITH EFFECTIVE HEIGHT GREATER THAN 12M FROM LOWER TO UPPER FFL NCC	1,000	1.0, 1.6, 2.0	25 / 10	1,100	2,000	2,200-3,000	NC	900	2,000-2,400	1,940	2,355	1,175 1m/s	CH+1,450 1m/s
							NS			1,750	2,430		
							OC			1,940	2,510		
							OS			1,750	2,660		
							DCC			1,940	2,355		
							DSS			1,980	2,430		
							DCS			1,980	2,355		
							DSC			1,905	2,430		
15	1,150	1.0, 1.6, 2.0	25+ / 50	1,300	2,100	2,200-3,000	NC	1000	2,000-2,400	2,150	2,455	1,350	CH+1,500
							NS			1,950	2,530		
							OC			2,150	2,610		
							OS			1,950	2,760		
							DCC			2,205	2,610		
							DSS			2,180	2,760		
							DCS			2,280	2,455		
							DSC			2,105	2,530		


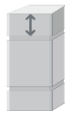
Passenger Max.	Load Max kg	Speed m/s	Recommended Max. Travel m / Max. Stops	Car			Door			Lift Shaft			
				Wide mm	Deep mm	High mm	Type	Wide mm	High mm	Wide mm	Deep mm	Pit mm	Overhead mm
17 ALL ROUND GOOD COMMERCIAL SIZE FULL COMPLIANCE WITH 8,12,13 PASSENGER LIFT REQUIREMENT NOTES	1,275	1.0, 1.6, 2.0, 2.5	25+ / 50	1,400	2,000	2,200-3,000	NC	1000	2,000-2,400	2,200	2,355	1,350	CH+1,700
							NS			2,200	2,430		
							OC			2,200	2,510		
							OS			2,200	2,660		
							DCC			2,305	2,355		
							DSS			2,305	2,355		
							DCS			2,380	2,355		
							DSC			2,305	2,430		
18	1,350	1.0, 1.6, 2.0, 2.5	25+ / 50	1,500	2,000	2,200-3,000	NC	1100	2,000-2,400	2,350	2,355	1,350	CH+2,000
							NS			2,300	2,430		
							OC			2,350	2,510		
							OS			2,300	2,660		
21 CLASS 9A BUILDING NCC 2016 TABLE E3.4	1,600	1.0, 1.6, 2.0, 2.5	25+ / 50	1,600	2,280	2,200-3,000	NC	1,300	2,000-2,400	2,800	2,635	1,350	CH+2,200
							NS			2,400	2,710		
							OC			2,800	2,790		
							OS			2,400	2,940		
24	1,800	1.0, 1.6	30 / 12	1,500	2,500	2,200-3,000	NC	1,200	2,000-2,400	2,550	2,855	1,350	CH+2,200
							NS			2,300	2,930		
							OC			2,550	3,010		
							OS			2,300	3,160		
26	2,000	1.0, 1.6	30 / 12	1,500	2,700	2,200-3,000	NC	1,200	2,000-2,400	2,550	3,055	1,450	CH+2,200
							NS			2,300	3,130		
							OC			2,550	3,210		
							OS			2,300	3,360		
33	2,500	1.0, 1.6	30 / 12	1,800	2,700	2,200-3,000	NC	1,300	2,000-2,400	2,800	3,105	1,450	CH+2,200
							NS			2,800	3,180		
							OC			2,800	3,210		
							OS			2,800	3,360		
45	3,200	0.5	30 / 12	2,400	2,500	2,200-3,000	NC	1,500	2,000-2,400	3,400	2,905	2,100	CH+2,600
							OC			3,400	3,160		
66 CAR LIFT	5,000	0.5	30 / 12	2,600	5,500	2,200-3,000	NC	2,400	2,000-2,400	4,000	6,000	2,100	CH+2,600
							OC			3,600	6,190		

NC Normal Cabin, Center Opening Door
 NS Normal Cabin, Side Opening Door
 OC Open Through Cabin, Center Opening Doors
 OS Open Through Cabin, Side Opening Doors
 DCC Diagonal Cabin, Center Opening Doors
 DSS Diagonal Cabin, Side Opening Doors
 DCS Diagonal Cabin, Door 1 Center, Door 2 Side
 DSC Diagonal Cabin, Door 1 Side, Door 2 Center

Door widths available from 800mm to 4,400mm. The lift shaft size will vary depending on the door width.

CH Car Height
 Overhead clear below lifting beam with 700 mm balustrade on top of car
 Pit depth & Overhead shown for speed of 1.0m/s
 Special designs can be facilitated to allow Pit depth to be 200mm & Overhead to CH+300mm

PIT DEPTH & OVERHEAD

			Lift Shaft	
				
Pass. Max.	Load Max kg	Speed m/s	Pit mm	Overhead mm
8	630	1.0	1,175	CH+1,350
		1.6	1,350	CH+1,500
10	800	1.0	1,175	CH+1,400
		1.6	1,350	CH+1,500
12	900	1.0	1,175	CH+1,400
		1.6	1,350	CH+1,500
13	1,000	1.0	1,175	CH+1,450
		1.6	1,350	CH+1,550
		2.0	1,450	CH+1,750
15	1,150	1.0	1,350	CH+1,500
		1.6	1,450	CH+1,700
17	1,275	1.0	1,350	CH+1,700
		1.6	1,450	CH+1,800
		2.0	2,000	CH+2,200
18	1,350	1.0	1,350	CH+2,000
		1.6	1,450	CH+2,100
		2.0	2,000	CH+2,200
21	1,600	2.5	2,200	CH+2,800
		1.0	1,350	CH+2,200
		1.6	1,450	CH+2,300
24	1,800	2.0	2,000	CH+2,400
		2.5	2,200	CH+2,800
		1.0	1,350	CH+2,200
26	2,000	1.6	1,700	CH+2,300
		1.0	1,450	CH+2,200
33	2,500	1.6	1,700	CH+2,300
		1.0	1,450	CH+2,200
45	3,200	0.5	2,100	CH+2,600
66	5,000	0.5	2,100	CH+2,600

CUSTOM SIZING CALCULATIONS

LIFTS 630KG – 1150KG

Single Entry Center Opening Doors

Shaft Width = 650mm+ Cabin Width **OR** Door entry width x 2 +150mm, Whichever is greater.

Shaft Depth = Cabin Depth + 355mm

Single Entry Side Opening Doors

Shaft Width = 650mm+ Cabin Width **OR** Door entry width x 1.5 +250mm, Whichever is greater.

Shaft Depth = Cabin Depth + 430mm

Through Entry Center Opening Doors

Shaft Width = 650mm+ Cabin Width **OR** Door entry width x 2 +150mm, Whichever is greater.

Shaft Depth = Cabin Depth + 510mm

Through Entry Side Opening Doors

Shaft Width = 650mm+ Cabin Width **OR** Door entry width x 1.5 +250mm, Whichever is greater.

Shaft Depth = Cabin Depth + 660mm

LIFTS 1275KG – 2000KG

Single Entry Center Opening Doors

Shaft Width = 900mm+ Cabin Width **OR** Door entry width x 2 +200mm, Whichever is greater.

Shaft Depth = Cabin Depth + 405mm

Single Entry Side Opening Doors

Shaft Width = 900mm+ Cabin Width **OR** Door entry width x 1.5 +250mm, Whichever is greater.

Shaft Depth = Cabin Depth + 480mm

Through Entry Center Opening Doors

Shaft Width = 900mm+ Cabin Width **OR** Door entry width x 2 +200mm, Whichever is greater.

Shaft Depth = Cabin Depth + 550mm

Through Entry Side Opening Doors

Shaft Width = 900mm+ Cabin Width **OR** Door entry width x1.5 +250mm Whichever greater.

Shaft Depth = Cabin Depth + 700mm