

**Electrical Data for Incoming 3-Phase Main Supply of 380V for VFI Model
Required Capacity of Circuit Breaker, Transformer and Starting Power at Building Side**

No.	Load (kg)	Persons	Speed (m/min)	Electrical Data						
				Motor capacity (kW)	Circuit breaker capacity per unit (A)	Transformer capacity (KVA)			Starting power (kVA)	Calorific value for 1 lift (kcal/ hr)
						1 unit	2 units	3 units		
1	450	6	60	4.5	20	5	9	12	15	700
2	550	8	60	5.5	20	6	10	14	18	850
3			90	9.5	50	7	12	16	25	1,250
4			105	11	50	8	14	19	31	1,450
5	600	9	60	5.5	20	6	10	14	18	900
6			90	9.5	50	7	12	16	25	1,350
7			105	11	50	8	14	19	31	1,600
8	700	10	60	7.5	30	7	12	16	23	1,050
9			90	9.5	50	8	14	19	28	1,600
10			105	11	50	10	17	23	31	1,850
11	750	11	60	7.5	30	7	12	16	23	1,150
12			90	9.5	50	8	14	19	28	1,700
13			105	11	50	10	17	23	31	2,000
14			120	13	50	14	27	34	36	2,250
15			150	15	75	17	31	42	42	2,850
16	900	13	60	9.5	50	8	14	19	28	1,350
17			90	13	50	10	17	23	36	2,050
18			105	15	50	11	19	26	41	2,400
19			120	15	50	17	31	42	42	2,700
20			150	18	50	21	38	53	52	3,400
21	1,000	15	60	9.5	50	9	15	21	28	1,500
22			90	13	50	11	19	26	36	2,250
23			105	15	50	12	20	28	41	2,650
24			120	15	50	18	33	45	45	3,000
25			150	18	50	21	38	53	52	3,750
26	1,150	17	60	11	50	10	17	23	34	1,750
27			90	13	50	11	18	25	39	2,600
28			105	15	50	12	21	28	45	1,150
29			120	18	50	21	38	53	52	3,450
30			150	20	75	23	42	58	58	4,350
31	1,350	20	60	15	50	12	20	28	44	2,050
32			90	15	50	12	21	28	45	3,050
33			105	18	50	14	24	33	52	3,150
34			120	20	75	23	38	59	67	3,600
35			150	24	75	27	50	70	80	4,500
36	1,600	24 (23)	60	15	50	12	20	28	44	2,400
37			90	18	50	14	24	33	52	3,600
38			105	22	75	17	29	40	64	3,750
39			120	22	75	25	46	64	73	4,300
40			150	27	100	31	56	78	90	5,350

Note : 1. Power supply: It should be noted that insufficient circuit breaker capacity and transformer capacity may adversely affect elevator control and/ or cause trouble with electrical equipment installed in the building. The criterion for power plant selection is that the supply voltage of the elevator receiving panel is a minimum of 80% of the rated voltage, even under worst possible conditions assuming commercial supply voltage fluctuations of +/-10% (the maximum under-voltage for the elevator is -10% of the rated voltage).

2. No. of persons is based on Japan (JIS) regulations.

3. No. of persons in () is based on Singapore & Malaysia regulations.