

**Electrical Data for Incoming 3-Phase Main Supply of 200V~220V for HVF 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	900	13	180	18	125	20	40	60	58	3,600
2			210	22	150	24	48	72	70	4,200
3			240	24	150	26	52	78	77	4,800
4	1,000	15	180	20	125	22	44	66	64	4,000
5			210	24	150	26	52	78	25	4,700
6			240	27	150	29	58	87	86	5,350
7	1,150	17	180	24	150	26	52	78	77	4,600
8			210	27	150	29	58	87	86	5,400
9			240	33	175	35	70	105	105	6,150
10	1,350	20	180	27	150	29	58	87	86	5,400
11			210	33	175	35	70	105	105	6,300
12			240	39	200	41	82	123	124	7,200
13	1,600	24 (23)	180	33	175	35	70	105	105	6,400
14			210	39	200	41	82	123	124	7,500
15			240	43	225	45	90	135	137	8,550

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.