

# BASIC SPECIFICATIONS

**CAPACITY: 2000lbs ~ 3500lbs**

## Capacity, Speed, Door Type, Car Inside & Hoistway Dimensions\* 1

Opening	Capacity (lbs) [kg]	Rated speed (fpm) [mpm]	Door type*2	Car inside clear dimensions		Entrance width JJ (ft./in.) [mm]	Minimum hoistway dimensions*3		
				Width (ft./in.) [mm]	Depth (ft./in.) [mm]		AH x BH*4 (ft./in.) [mm]	PD*5 (ft./in.) [mm]	OH*6 (ft./in.) [mm]
Front	2000 [900]	200 [60]	SS	5'-8" [1727]	4'-3 3/4" [1315]	3'-0" [914]	7'-6" x 6'-11" [2286 x 2108]	5'-5 1/2" [1664]	14'-3" [4343]
	2500 [1150]	200 [60]					8'-6" x 6'-11" [2591 x 2108]	5'-11 1/2" [1816]	14'-6" [4419]
	3000 [1350]	200 [60]	SS, CO	6'-8" [2032]	4'-8 3/4" [1442]	3'-6" [1067]	8'-6" x 7'-4" [2591 x 2235]	5'-5 1/2" [1664]	14'-3" [4343]
	3500 [1600]	200 [60]					8'-6" x 8'-0" [2591 x 2438]	5'-11 1/2" [1816]	14'-6" [4419]
	3500 [1600]	350 [105]					5'-8 3/16" [1732]	9'-7" x 7'-11 1/4" [2921 x 2420]	5'-5 1/2" [1664]
Front & Rear	350 [105]	200 [60]					5'-11 1/2" [1816]	14'-6" [4419]	

## Specifications

Speed	200fpm (60mpm)	350fpm (105mpm)
Maximum number of stops	10	
Maximum travel (ft.) [m]	75'-0" [22.8]	98'-5" [30]
Minimum floor height (ft.) [mm]	8'-11" [2717]*7	

### Notes

- \*1. All dimensions in the tables above are based on ASME A17.1S-2005 Part 2.
- \*2. SS : Single-Slide door, CO: Center-Open doors
- \*3. Hoistway dimensions (AH, BH, PD, OH) are for standard specifications.
- \*4. The AH dimensions indicate for one car. For AH dimensions of 2 and 3 Car, please refer to right table. AU dimension in 2 and 3 Car layout is same as AH of 1 Car. These are values after waterproofing and do not include plumb tolerance.
- \*5. Pit depth in this drawing is obtained when floor recess is 3/4"[19]. When floor recess is greater than 3/4"[19], extend pit depth as well. Max. floor recess is 1 3/8"[35]
- \*6. The minimum OH dimensions are obtained on condition that:
  - A. Canopy height = 8'-0" (2438mm)
  - B. OH dimensions does not include the hoisting beams.
- \*7. Some of specifications require more than the value 8'-11" (2717mm) as a minimum height. Please consult us if floor height is less than 8'-11" (2717mm).

### AH dimension for 2 and 3 Car

Opening	Capacity (lbs) [kg]	AH dimension (ft./in.) [mm]	
		2 Car	3 Car
Front	2000 [900]	15'-4" [4674]	23'-2" [7061]
	2500 [1150]	17'-4" [5283]	26'-2" [7976]
	3000 [1350]	17'-4" [5283]	26'-2" [7976]
	3500 [1600]	17'-4" [5283]	26'-2" [7976]
Front & Rear	3500 [1600]	19'-6" [5944]	

## Power Feeder Data for One Car

Rated speed (fpm) [mpm]	Capacity (lbs) [kg]	Traction motor (HP) [kW]	Current at 480V*8		Power supply capacity (kVA)	Heat emission(BTU/hr) [W]	
			FLU (A)	FLAcc (A)		Hoistway*9	Control panel
200 [60]	2000 [900]	7.5 [5.6]	12	21	7	1190 [350]	2730 [800]
	2500 [1150]	9.5 [7.1]	15	26	8	1540 [450]	3240 [950]
	3000 [1350]	11.9 [8.9]	18	30	9	1710 [500]	3750 [1100]
	3500 [1600]	13.3 [9.9]	20	35	10	1880 [550]	4270 [1250]
350 [105]	2000 [900]	13.0 [9.7]	20	35	10	1880 [550]	4270 [1250]
	2500 [1150]	17.4 [13]	25	43	13	2220 [650]	5120 [1500]
	3000 [1350]	20.1 [15]	30	52	15	2560 [750]	5970 [1750]
	3500 [1600]	24.1 [18]	34	60	17	3070 [900]	7000 [2050]

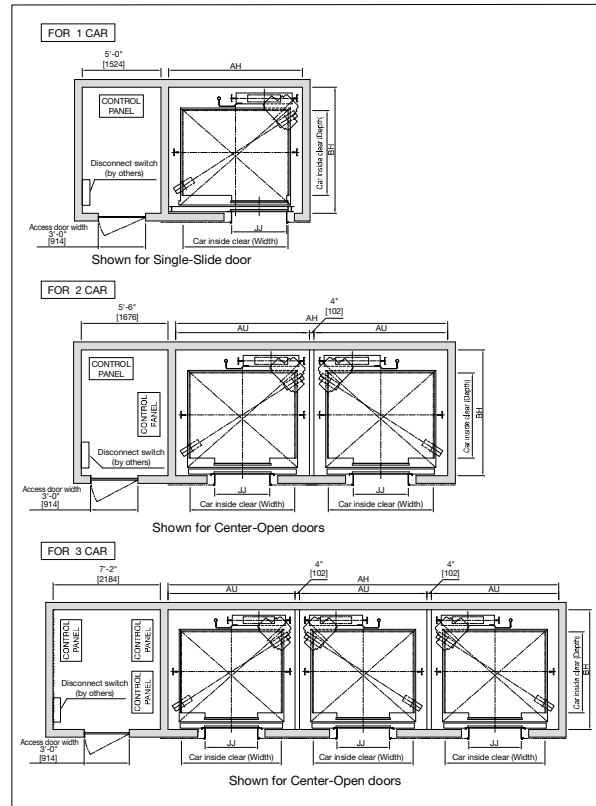
### Notes

- \*8. If power supply voltage is other than 480V, FLU and FLAcc current are obtained by the following formulas.  

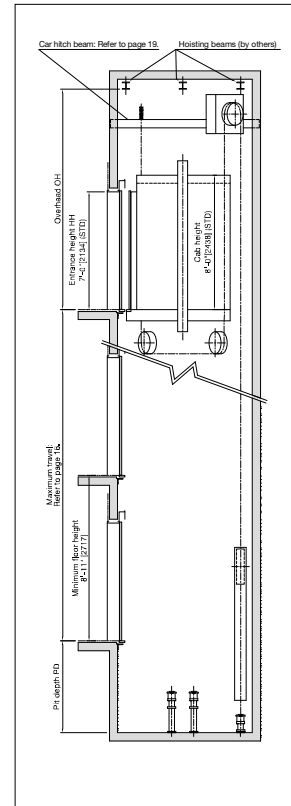
$$FLU, FLAcc \text{ current (A) at } E = (\text{Current at 480V}) \times (480 / E)$$
 (E: Power supply voltage (V))
- \*9. Heat emitted from car lighting is not included.

Front Opening

Hoistway Plan

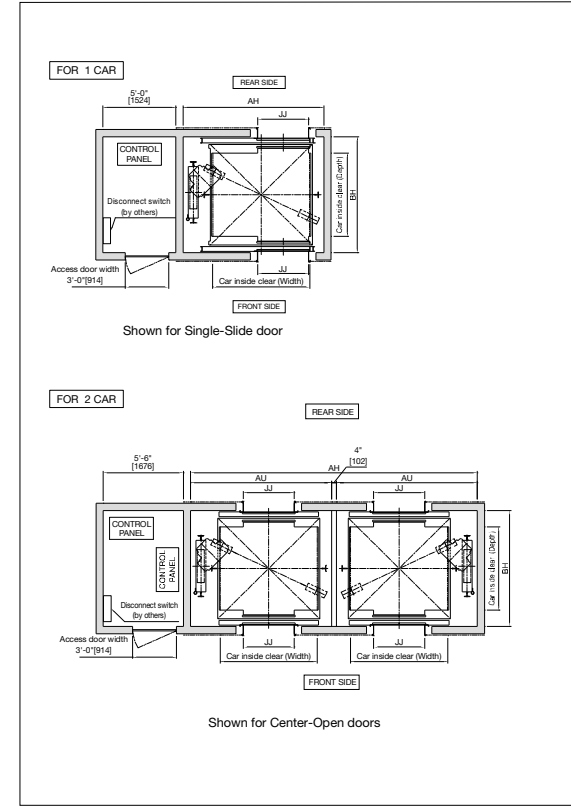


Hoistway Section

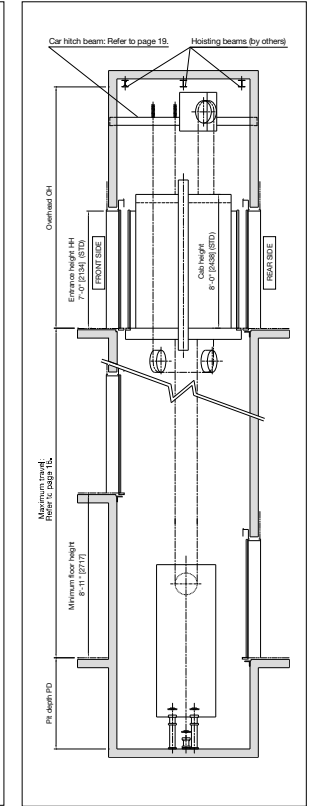


Front & Rear Opening

Hoistway Plan



Hoistway Section



**CAPACITY: 4000lbs ~ 5000lbs**

## Capacity, Speed, Door Type, Car Inside & Hoistway Dimensions\* 1

Opening	Capacity (lbs) [kg]	Rated speed (fpm) [mpm]	Door type*2	Car inside clear dimensions		Entrance width JJ (ft./in.) [mm]	Minimum hoistway dimensions*3		
				Width (ft./in.) [mm]	Depth (ft./in.) [mm]		AH x BH*4 (ft./in.) [mm]	PD*5,*7 (ft./in.) [mm]	OH*6,*7 (ft./in.) [mm]
Front	4000 [1800]	200 [60]	2S	5'-8" [1727]	7'-4 1/4" [2242]	4'-0" [1219]	8'-7 1/2" x 9'-1" [2629 x 2769]	5'-8" [1727]	15'-1" [4597]
		350 [105]					6'-1" [1854]	15'-2" [4623]	
	4500 [2000]	200 [60]			7'-11 1/4" [2419]		8'-7 1/2" x 9'-8" [2629 x 2946]	5'-8" [1727]	15'-1" [4597]
		350 [105]		6'-1" [1854]		15'-2" [4623]			
	5000 [2250]	200 [60]		8'-6 1/4" [2597]	8'-7 1/2" x 10'-3" [2629 x 3124]	6'-1" [1854]	15'-1" [4597]		
		350 [105]			5'-10" [1778]		4'-6" [1372]	8'-9 1/2" x 10'-3" [2680 x 3124]	15'-2" [4623]

## Specifications

Speed	200fpm (60mpm)	350fpm (105mpm)
Maximum number of stops	24	
Maximum travel (ft.) [m]	195' [60]	
Minimum floor height (ft.) [mm]	8'-11" [2717]*8	

### Notes

- \*1. All dimensions in the tables above are based on ASME A17.1S-2005 Part 2.
- \*2. 2S : 2-Speed side-open doors
- \*3. Hoistway dimensions (AH, BH, PD, OH) are for standard specifications.
- \*4. The AH dimensions indicate for one car. For AH dimensions of 2 and 3 Car, please refer to right table. AU dimension in 2 and 3 Car layout is same as AH of 1 Car. These are values after waterproofing and do not include plumb tolerance.
- \*5. Pit depth in this drawing is obtained when floor recess is 3/4"[19] . When floor recess is greater than 3/4"[19] , extend pit depth as well. Max. floor recess is 1 3/8"[35]
- \*6. The minimum OH dimensions are obtained on condition that:
  - A. Canopy height = 8'-0" (2438mm)
  - B. OH dimensions does not include the hoisting beams.
- \*7. PD and OH dimensions should be increased when travel is over 98'-5" (30m).
- \*8. Some of specifications require more than the value 8'-11" (2717mm) as a minimum height. Please consult us if floor height is less than 8'-11" (2717mm).

### AH dimension for 2 and 3 Car

Opening	Capacity (lbs) [kg]	AH dimension (ft./in.) [mm]	
		2 Car	3 Car
Front	4000 [1800]	17'-7 1/32" [5360]	26'-6 17/32" [8091]
	4500 [2000]		
	5000 [2250]	17'-7 1/32" [5462]	27'-0 9/16" [8244]

## Power Feeder Data for One Car

Rated speed (fpm) [mpm]	Capacity (lbs) [kg]	Traction motor (HP) [kW]	Current at 480V*8		Power supply capacity (kVA)	Heat emission(BTU/hr) [W]	
			FLU (A)	FLAcc (A)		Hoistway*9	Control panel
200 [60]	4000 [1800]	16.1 [12]	23	40	12	2390 [700]	4780 [1400]
	4500 [2000]	17.4 [13]	26	45	13	2730 [800]	5460 [1600]
	5000 [2250]	18.8 [14]	28	49	14	3070 [900]	5970 [1750]
350 [105]	4000 [1800]	26.8 [20]	39	69	19	4100 [1200]	8360 [2450]
	4500 [2000]	29.5 [22]	43	77	22	4610 [1350]	9220 [2700]
	5000 [2250]	33.5 [25]	48	85	24	5120 [1500]	10240 [3000]

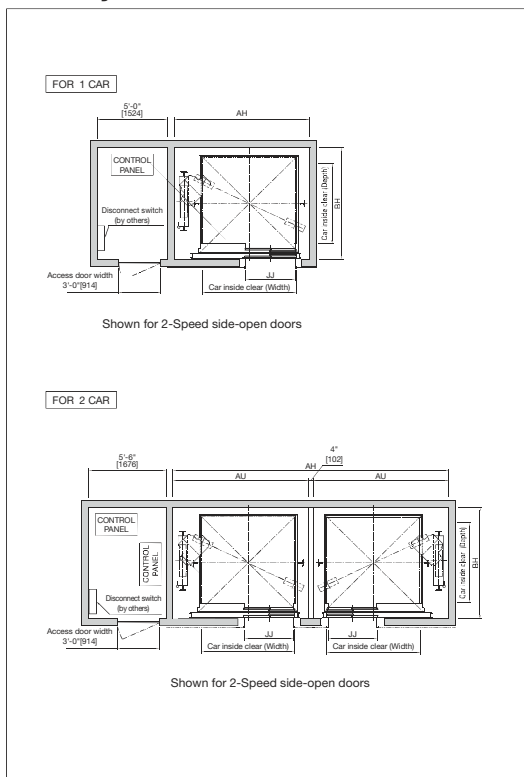
### Notes

- \*8. If power supply voltage is other than 480V, FLU and FLAcc current are obtained by the following formulas.  

$$FLU, FLAcc \text{ current (A) at } E = (\text{Current at 480V}) \times (480 / E)$$
 (E: Power supply voltage(V))
- \*9. Heat emitted from car lighting is not included.

**Front Opening**

**Hoistway Plan**



**Hoistway Section**

