

豪华客梯
LUXURY PASSENGER ELEVATOR





适用范围 Application Scope

V8采用了代表电梯驱动技术发展方向的永磁同步马达无齿轮曳引机，以及其它蕴含业界最新技术的功能组件，具有技术先进、环保节能、舒适高效、华贵气派等特点。V8专为高端商务楼和顶级住宅而开发。

V8适用范围

目标市场	高端商务楼和顶级住宅
载重规格 (kg)	400, 550, 750, 900, 1000, 1150, 1250, 1350, 1600
速度规格 (m/s)	1.0, 1.5, 1.75, 2.0, 2.5, 3.0, 3.5, 4.0
最大行程	160 m
最多停站	60
群控台数	3-8台
机房位置	井道正上方
曳引机类型	永磁同步马达无齿轮

V8, uniquely designed for high-end commercial buildings and top-ranking residences, has adopted permanent magnet synchronous motor gearless representing the developing direction of the elevator driving technique and other functional groupware embracing the newest techniques with characteristics of advanced technique, environment-friendly energy economy, comfort, high efficiency and magnificence.

Target market: High-end commercial buildings and top-ranking residences

Load (kg): 400, 550, 750, 900, 1000, 1150, 1250, 1350, 1600

Speed (m/s): 1.0, 1.5, 1.75, 2.0, 2.5, 3.0, 3.5, 4.0

Max. travel: 160 m

Max. landings: 60

Group-control quantity: 3-8 sets

Machine room position: Above shaft

Type of traction machine: Permanent magnet synchronous motor gearless

客户利益 Customer Benefit

- **国际品质** V8在设计、制造、零件、工艺等环节的执行标准和业内的领导品牌是一致的，在局部细节上甚至超出了他们的标准。V8的所有主要部件均来自获得ISO9001质量保证体系认证的业内顶尖专业工厂，整机性能无可挑剔。
- **环保节能** V8采用的是最新的永磁同步马达无齿轮驱动技术，效率转换几乎达100%，可节省约40%的能耗。同时无齿轮曳引机，免齿轮油、免维护，并且无电磁干扰，全面保护了环境，符合最严格的欧洲抗磁EMC环保标准。
- **降低成本** V8的核心部件的体积都非常小，相应地机房面积仅需传统曳引电梯机房的50%，机房高度也大大降低，使建筑空间和建筑成本大为节省，赋予建筑师更多的自由度，拓展建筑更大的空间利用率。
- **高人一“头”** V8将轿厢高度从行业普遍标准的2.3米提升至2.6米，将厅门高度从2.1米提升到2.2米，这一标准的提升，大大地改善了空间感和舒适度，高人一“头”，突显与众不同的风范，加上时尚华贵的轿厢和厅门装饰，V8彰显个性，卓而不群。
- **后顾之忧** V8利用计算机工程预处理系统，围绕客户需求而精心设计的制造、工程和服务流程，我们不仅拥有最短的交货和施工周期，而且长达三年的保修和公平合理的终身维保合约，彻底消除了客户的一切烦恼。

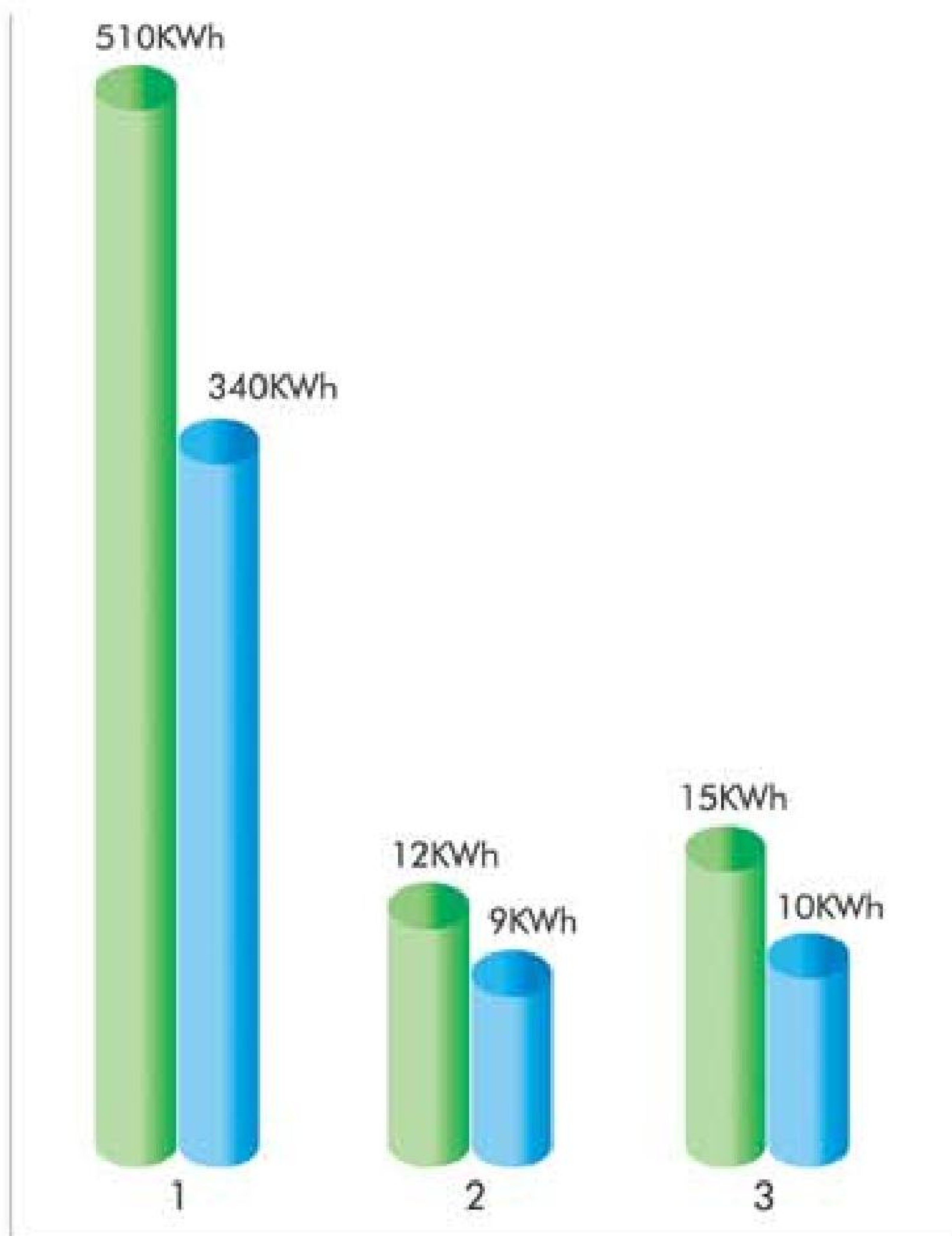
International-standard quality: No matter on design, manufacture, spare parts, technique or other sides, industrial standard is strictly followed, the same as other leading brands, even exceeding them on some details. All main parts are carefully selected from top-grade professional factories guaranteed by ISO9001 Quality Control System, the performance of complete machine is unquestionably perfect.

Environment-friendly energy economy: Efficiency conversion of V8 with adoption of the newest permanent magnet synchronous motor gearless drive almost can reach 100%, saving 40% energy consumption. Meanwhile gearless traction elevator gear is free of gear oil, maintenance and electromagnetism interference, protecting the environment in all aspects and abiding by the strictest European anti-magnetism EMC environment-friendly standard.

Cost reduction: Core components of V8 is small in cubage, accordingly machine area only accounts for 50% of that of machine with traditional traction elevator and the height is also greatly reduced, saving construction space and cost largely, endowing architect with more freedom and expanding space utility rate of the building.

A "head" above: V8 has raised the height of car from the industrial general standard 2.3 meters to 2.6 meters, the height of hall door from 2.1 meters to 2.2 meters. Such an increase greatly improves sense of space and comfort. A "head" above demonstrates the unique style. With fashionable and spectacular car and hall door decoration, V8 appears eminent with individuality.

After-sale service: With advanced computer project pretreatment system, well-design customer-oriented procedures of manufacturing, installing and service, we can provide the most prompt deliver and installation. We also provide 3-year-long guarantee for quality and reasonable-charge whole-life maintenance for customers.



1 用电量 Power Consumption
2 电源设备容量 Power Supply Unit Capacity
3 电动机功率容量 Motor Capacity

 传统电动机
Conventional geared motor
 永磁同步电动机
Permanent-magnet synchronous motor

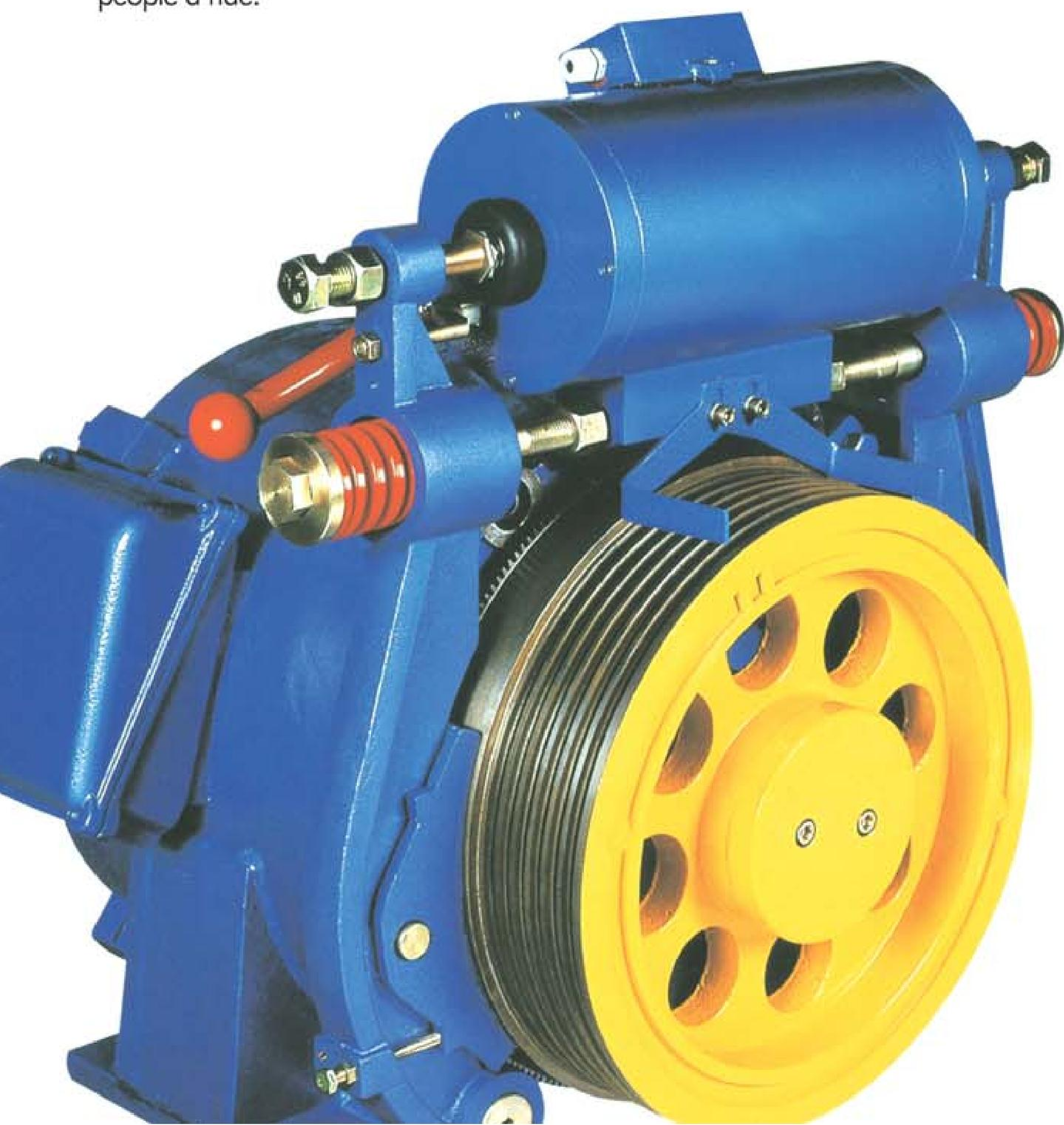
一个月用电量的计算依据 (通常使用状况)

Based on monthly power consumption

- 每天启动1000次 1000 starts per day
- 每月25天使用 25 days per month

以上数据及图示以13人 (1000kg) 规格为例

The above data is based on the average of 13 people a ride.



- V8采用全球备受推崇的永磁同步马达无齿轮驱动技术(SPWM),应用高磁通密度的永磁材料,实现系统的小型化和高效率,免齿轮油、免维护,噪音低、无电磁干扰,真正实现环保节能。
- 专为匹配同步马达而开发的最新一代电脑网络型顶级电梯专用变频器,具备高智能度的模糊逻辑控制功能,运行曲线实时监控,电脑网络任意挂接,调试快捷,应用简便。
- 增强型全串行控制系统,采用了目前传输速率最高,通信质量最好的CAN-BUS现场总线;主电脑板为四层结构,SMT表面贴装,内置485可实现小区监控;选配Modem后通过电话线就可实现远程监控;还可根据用户需要加设VIP服务和IC卡智能操作等功能。
- 完善高效的群控系统,可实现每组多达8台电梯的群控调度,同时还配有上下班高峰运行、非服务层切换、群控分割等操作功能。
- 新一代的变频调速门机系统,结构简洁精密,消除故障隐患的同时,使开关门更平滑、宁静、顺畅。在设定的范围内可灵活调节开关门的速度,以适合不同楼宇的功能特征和特殊要求,是一款业界公认的最佳门机。
- V8的标准配置增加了红外线光幕门安全保护装置,密集交叉的红外线在门区组成一道高度灵敏的光幕,一旦光线受到干扰,电梯门很快重新开启而不碰触乘客,保证了乘客的安全方便地进出轿厢,美观人性。
- V8 adopts the globally recommended permanent magnet synchronous motor gearless drive technology(SPWM),applies high permanent magnet materials,realizes miniaturization and high efficiency of the system free of gear oil and maintenance and electromagnetism interference , low noise.
- Transducer of the latest generation computer cyber top-ranking elevator developed specially to match synchronous motor,high-intelligent fuzzy logic controlling function,operation curve for real time monitor,computer arbitrate log on website,fast to debug and easy to apply.
- Enhanced full serial data transfer controlling system,adopts CAN-BUS live general line with the fastest transmission speed and best communication quality so far; major computer board is four layered,SMT surface paste installation,built-in 485 can realize monitor in the neighborhood;long-distance monitor can come true by telephone line after selection and application of Modem;VIP service and IC card intelligent operation and other functions can be added according to customers requirements.
- Optimized and efficient group controlling system can realize manipulation of group control as many as 8 sets,with operation functions such as rush hour operation, switch of non-service floor and division of group control.
- New-generation VF speed-control door operator, with simple while precise structure, makes door open/close more smoothly and quietly with less safety hazard. The door opening/closing speed can be adjustable in setting range according various requirements of different buildings. It is the best door operator generally accepted in this trade.
- V8 standard type equips door infrared light-beams security protection device. Dense and cross infrared create a high-sensitivity light screen in door region, once the light is disturbed, elevator door would be open without touch passenger, so that to guarantee safe in/out the car with more cares.

标准配置 Standard configuration

CB-S

一体式操纵盘

Integrated control panel

面板材质: 发纹不锈钢

显示方式: 液晶显示

Panel: Hairline stainless steel

Mode of display: LCD

标准按钮: 轻触式按钮

Button: Push Touch Button



DV-VS

外呼盒 Call box

面板材质: 发纹不锈钢

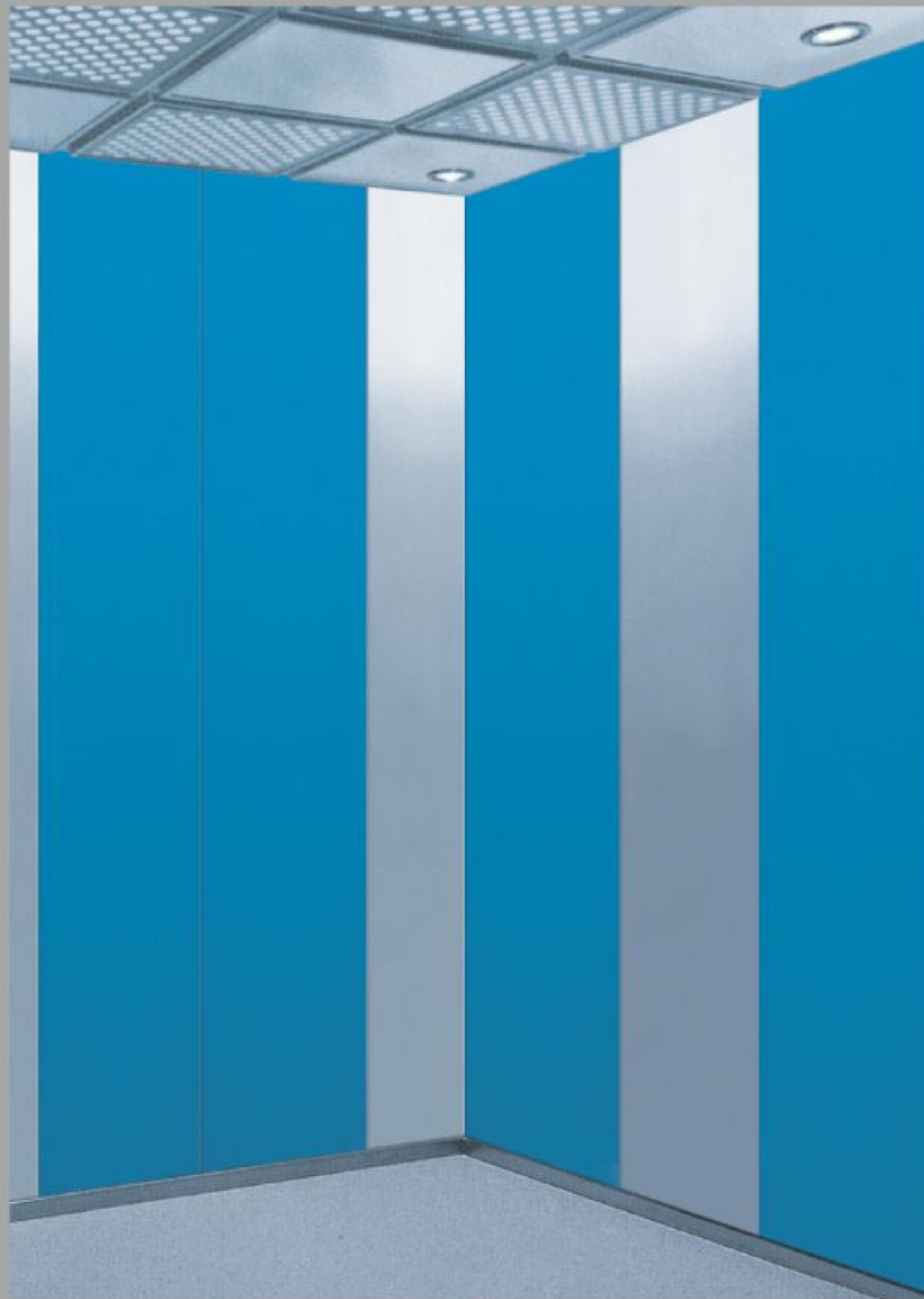
显示方式: 液晶显示

超薄设计, $\delta=12.8\text{mm}$

Panel: Hairline stainless steel

Mode of display: LCD

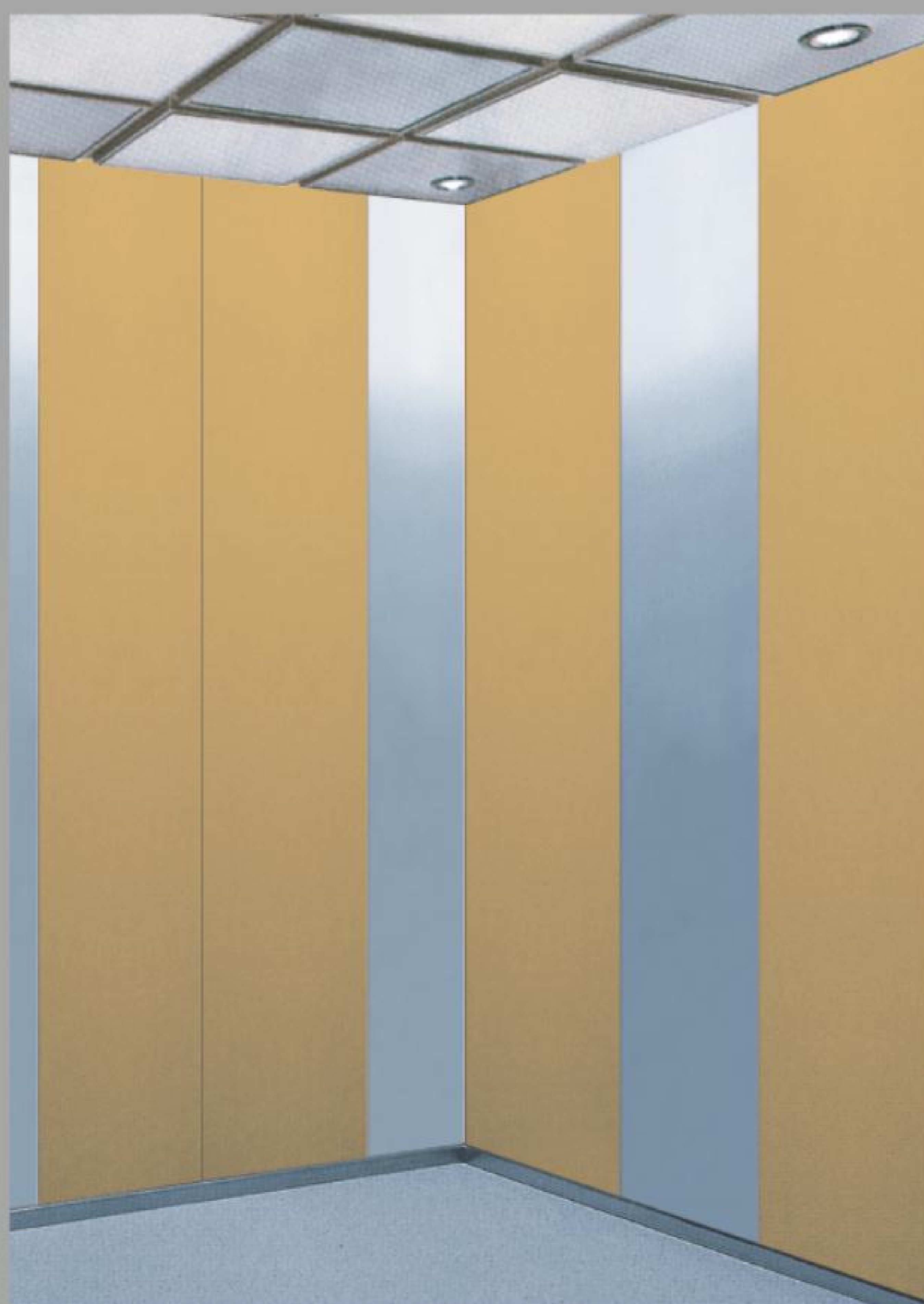
Ultra-thin design, $\delta=12.8\text{mm}$



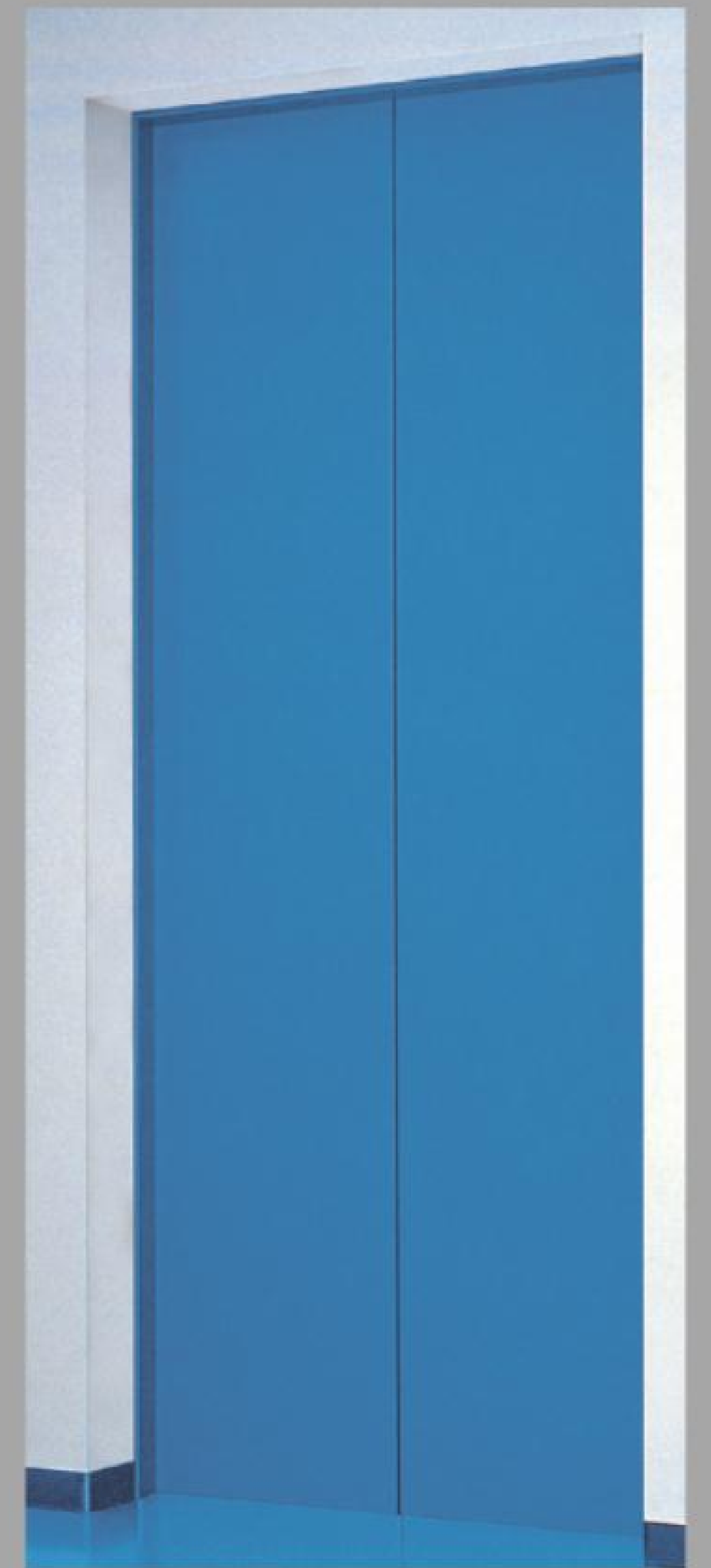
C-S01 型轿厢 Car



C-S02 型轿厢 Car



C-S03 型轿厢 Car



D-01 型标准门框
Standard frame



D-02 型包墙门框
Wall-hidding frame



D-03 型幕板门框
Curtain frame

伟达标准轿厢设计简约时尚，色泽搭配自然，可和谐融合于不同风格的建筑当中。

- 三款门框供业主根据土建条件随意选配；
- 轿壁采用不锈钢和喷粉钢板按美学比例拼接；
- 天花可从标准式样中任选；
- 地台选用优质塑胶地板，或预留下陷空间，配合业主铺设心仪之石板材。

WELLIFT standard car is simple in design, fashion in style, nature in luster, which is harmonious with various-style buildings.

- The frame has 3 styles for choice according to building conditions.
- Car wall is patched with stainless steel and spray-powder steel with aesthetic proportion.
- Ceiling is optional in standard styles.
- Floor is high-quality plastic floor, or sunk reservation for stone decoration according to host's favor.

标准轿厢、厅门喷粉色样选择

Optional color patterns of Standard car and landing doors



C-01



C-02



C-03



C-04

V8的轿厢和厅门已作了特别的加高设计：

- 轿厢高度从行业标准的2.3米提升至2.6米；
- 厅门高度从行业标准的2.1米提升至2.2米。

这一标准的提升，极大地增加了电梯的空间感，提高了舒适度，电梯大堂更显气派，也整体提升了建筑物的档次，突显了业主卓尔不群的个性。

同时，伟达在非标准轿厢和厅门的装饰设计方面，有着非常丰富的专业经验。伟达坚持不遗余力地将代表未来发展方向的新款材料和国际先进的生产工艺与建筑个性进行完美结合，使集科技与气派为一身的伟达电梯和谐地融合于各种类型的建筑物，为缤纷繁忙的都市生活营造出赏心悦目、时尚典雅的流动空间。



个性独特的门厅设计
Unique design of entrance hall



The car and hall door of V8 have been heightened with special design:

- Car height has risen from standard 2.3 m to 2.6 m;
- The height of landing door has risen from standard 2.1 m to 2.2 m

The promotion on the standard greatly broadens the space and improves the comfortable feeling of the elevator, the lobby hall looks more noble, upgrading the building's grade and displaying the host's personality as well.

Besides, WELLIFT has rich experience in design and decorating non-standard car and entrance hall. By introducing new material and advanced processing technology, combining with building character in harmony, WELLIFT is creating pleasant, fashionable and elegant space in busy cities.

2.2米高的开门, 2.6米高的轿厢
更高的空间无疑可营造出更多彩的生活

2.2m-height entrance, 2.6m-height car; More space, more highlights

规格表 Specification Table

型号 Model	载重量 (kg)	载客量 Person	速度 Speed (m/s)	马达 Motor (kw)	开门 Entrance		轿厢尺寸 (宽*深*高) Car dimension	井道尺寸 Hoistway internal dimension			机房 Machine room	
					型式 Type	JJ x HH		AA x BB x H Inside	AH x BH X x Y	PP		OH
P400VF	24	400	5	0.4	1.25	中分 CO	800x2100	1400x850x2385	1850x1450	1400	4400	1850x3400
	60			1.0	3.2					1400	4400	
P550VF	60	550	7	1.0	4.6	中分 CO	800x2100	1400x1100x2385	1850x1700	1400	4500	1850x3600
	96			1.6	6.8					1600	4500	
	105			1.75	7.5					1600	4500	
P750VF	60	750	10	1.0	5.5	中分 CO	800x2200	1400x1350x2600	1850x1950	1400	4700	1850x4000
	96			1.6	8.8					1600	4750	
	105			1.75	9.6					1600	4860	
	120			2.0	11					1800	5000	
	150			2.5	13.8					2450	5200	
P900VF	60	900	12	1.0	7	中分 CO	900x2200	1600 x1350x2600	2200x2000	1450	4700	2200x4300
	96			1.6	11					1600	4750	
	105			1.75	12.2					1800	4860	
	120			2.0	14					2150	5000	
	150			2.5	17.4					2450	5200	
P1000VF	60	1000	13	1.0	7	中分 CO	900x2200	1600x1500x2600	2200x2120	1450	4700	2200x4300
	96			1.6	11					1600	4750	
	105			1.75	12.2					1800	4860	
	120			2.0	14					2150	5000	
	150			2.5	17.4					2450	5200	
	180			3.0	20.0					2600	5600	
	195			3.5	26.7					3100	5950	
	240			4.0	26.7					3850	6350	
	P1150VF			60	1150					15	1.0	
96		1.6	14.1	1600		4750						
105		1.75	15.3	1800		4860						
120		2.0	15.3	2150		5000						
150		2.5	22.9	2450		5200						
180		3.0	25.5	2600		5600						
195		3.5	34.0	3100		5950						
240		4.0	34.0	3850		6350						
P1250VF		60	1250	16		1.0	8.8	中分 CO	1100x2200		2000x1450x2600	2600x2300
	96	1.6			14.1	1800	5000					
	105	1.75			15.3	2000	5100					
	120	2.0			15.3	2150	5200					
	150	2.5			22.9	2450	5400					
	180	3.0			25.5	2600	5600					
	195	3.5			34.0	3100	5950					
	240	4.0			34.0	3850	6350					

规格表 Specification Table

P1350VF	60	1350	18	1.0	9.5	中分 CO	1100x2200	2000x1500x2600	2600x2300	1550	4800	2600x4500
	96			1.6	14.9					1800	5000	
	105			1.75	16.5					2000	5100	
	120			2.0	18.9					2150	5200	
	150			2.5	23.4					2450	5400	
	180			3.0	28.5					2600	5600	
	195			3.5	38.0					3100	5950	
	240			4.0	38.0					3850	6350	

P1600VF	60	1600	21	1.0	11.2	中分 CO	1100x2200	2000x1750x2600	2600x2550	1550	4800	2600x4800
	96			1.6	17.7					1800	5000	
	105			1.75	19.5					2000	5100	
	120			2.0	22.4					2150	5200	
	150			2.5	27.8					2450	5400	
	180			3.0	28.5					2600	5600	
	195			3.5	38.0					3100	5950	
	240			4.0	38.0					3850	6350	

说明:

尺寸:

- 井道宽度与深度公差±25mm。
- 所给数据均为标准方案，细节及特殊尺寸请与我当地销售部门联系。

电源:

- 照明：220V，±10%；50Hz，±5%，单相，带零线，可靠接地。
- 动力：380V，±10%；50Hz，±5%，三相，带零线，可靠接地。

环境要求:

- 温度范围 +5-40℃。
- 机房月平均湿度不超过90%，日平均湿度不超过95%，不允许出现冷凝现象。

REMARKS:

Dimensions

- Shaft dimension width and depth are based on clear dimensions with ±25mm tolerances.
- All information for general reference and initial planning only. For specific construction details, please contact our local sales office. All information is subject to change without prior notice.

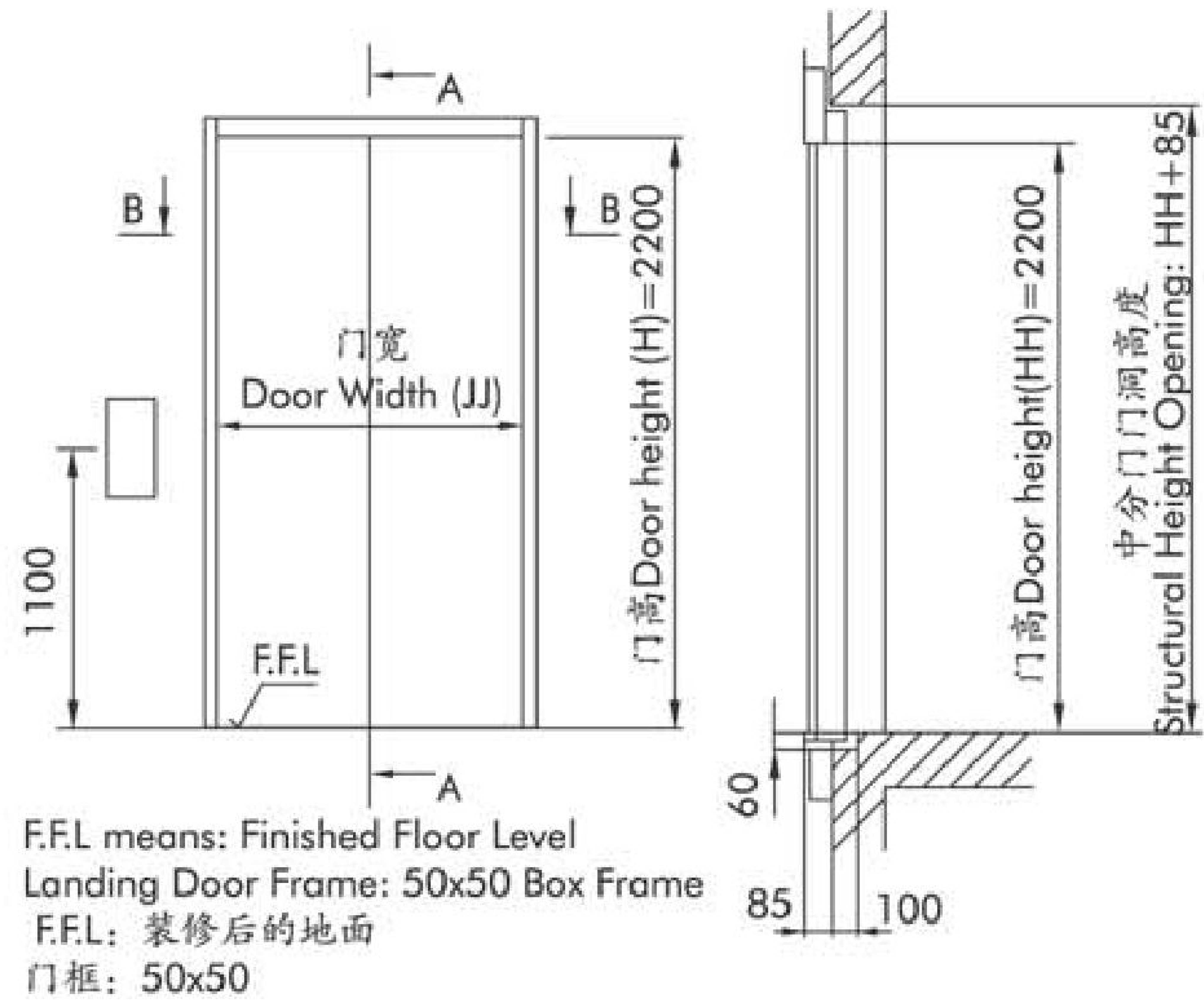
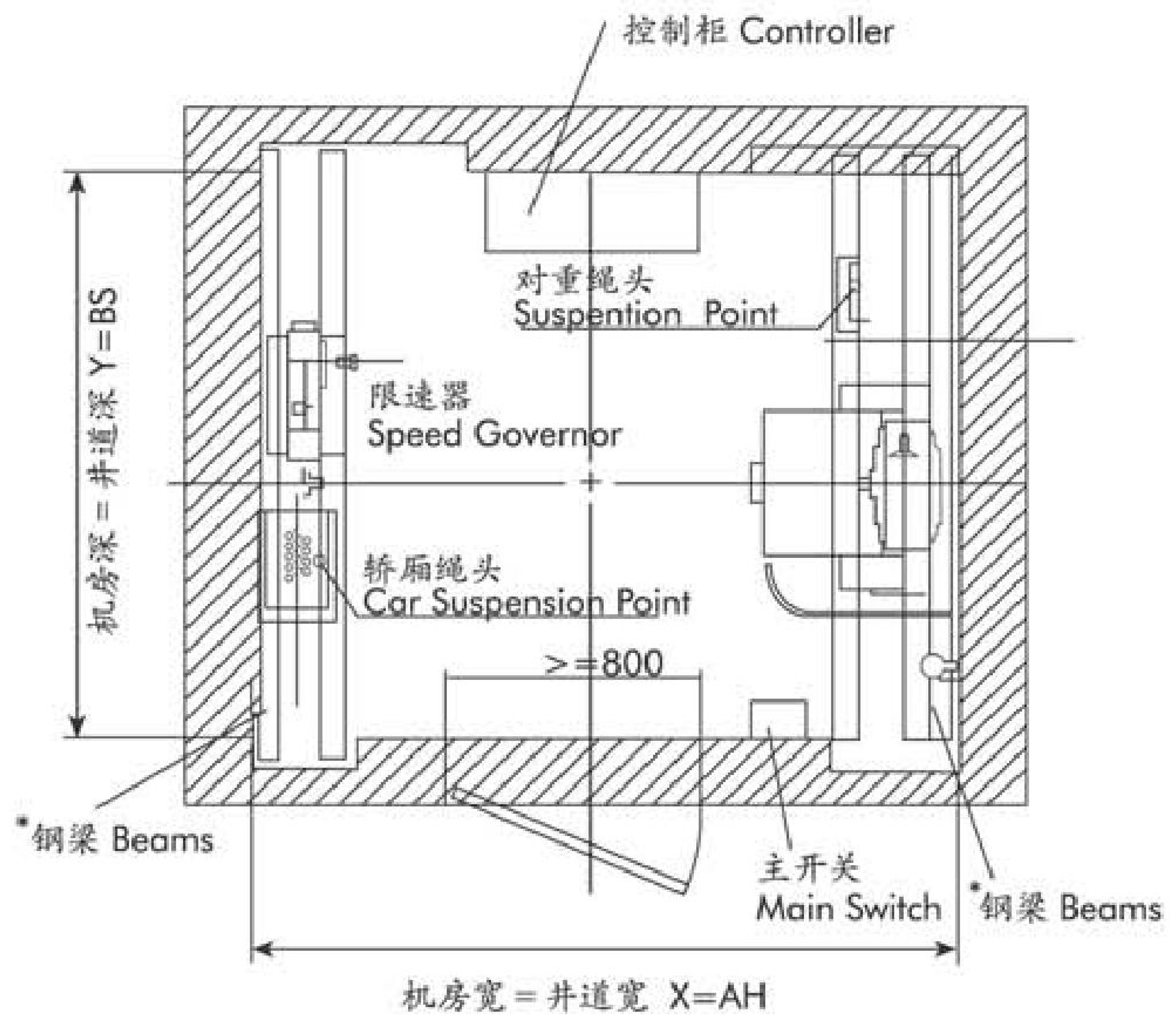
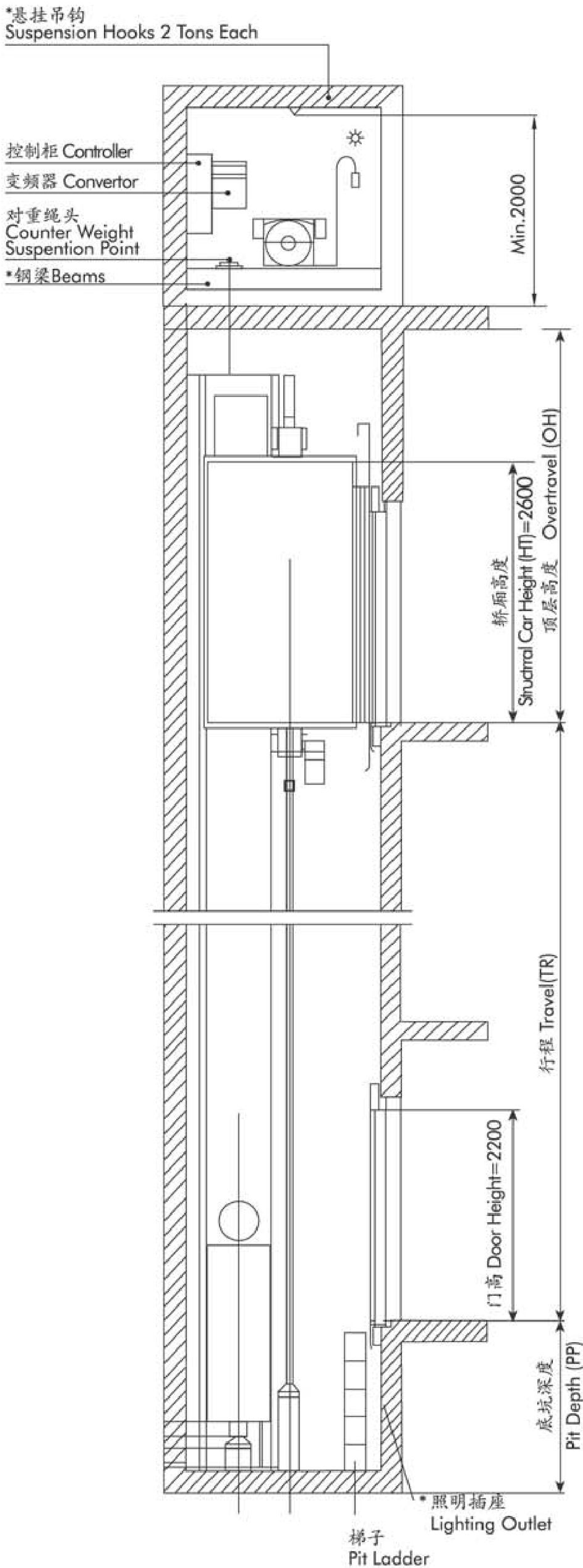
Power Supply

- Power supply for lighting :220V,single phase, fluctuation ±10%, neutral, earth.
- Power supply for VWF drive: 380V,3 phase, fluctuation ±10%, neutral,earth.
Mains frequency 50Hz, ±5%.

Ambient Conditions

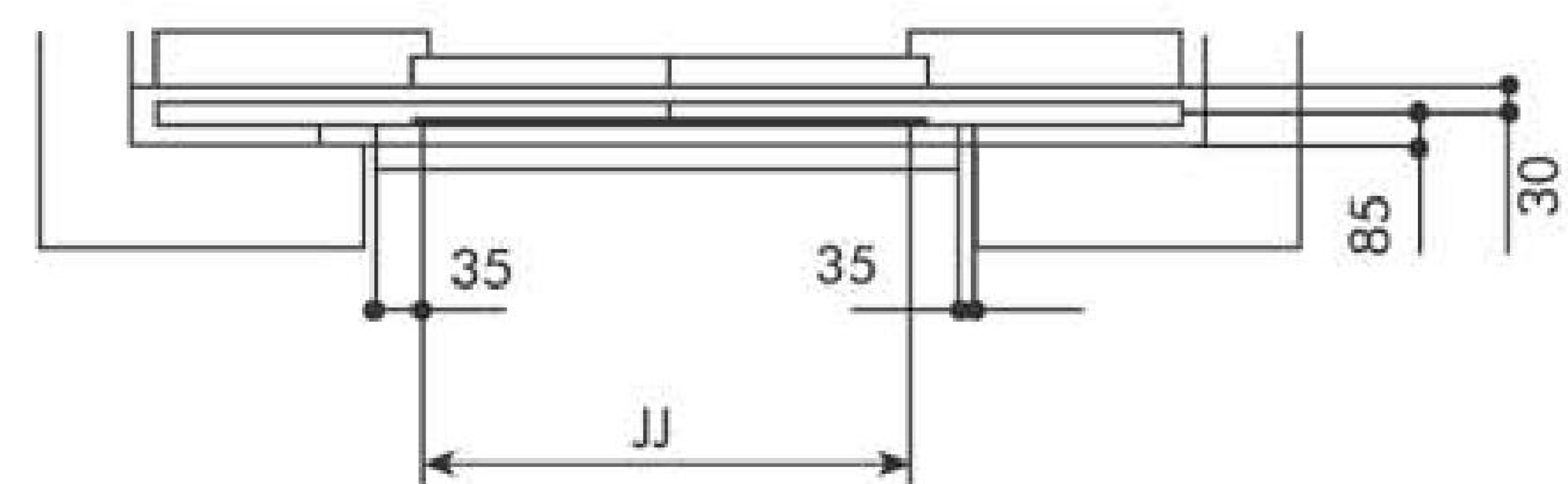
- Temperature range 5~40℃ .
- Humidity in the machine room <90%, monthly average, <95% daily average, no condensation

机房 Machine Room



剖面 A-A

厅门 Landing Door



剖面 B-B

*由建筑承包商负责
By others

功能表 Functions Table

信息功能	Information Function	
电子到站钟	Electronic landing alarm	S
到站灯	Hall lantern	O
语音报站	Voice landing announce	O
副操纵盘	Control sub-panel	O
液晶多媒体显示器	Multi-media LCD indicator	O
运行功能	Traveling Function	
上下全集选	Up-down full selective collective	S
直接停靠	Direct landing	S
重复开门	Repeating open	S
满载直驶	Full-load automatic bypass	S
自动返基站	Car automatic homing to GF	S
自动再平层	Automatic landing function	S
端站反向指令消除	Reverse instruction cancel at terminal landing	S
错误指令取消	Canceling car error call	S
两台并联	2 sets parallel operation	O
3-8台群控	3-8 sets group control	O
舒适感功能	Comfortable Function	
待梯时轿内照明、风扇自动断电	Auto light and fan shut off when stand by	S
轿厢静声风机	Quiet blower cross flow fan in car	S
轿厢空调	Air-conditioner in car	O
背景音效	Background music	O
紧急通讯功能	Emergency Communication Function	
对讲机	Interphone	S
多方通话	Conference mode	O
特殊服务功能	Special Service Function	
有、无司机操作	Auto/attendant service	S
独立运行	Independent service	S
基站锁梯服务	Auto lock at home landing	S
服务层的任意设置	Freewill service landing setting	S
远程监控接口预留	Tele-monitor interface reservation	S
残疾人服务	Disabled person service	O
紧急情况功能	Emergency Function	
停电应急照明	Emergency car lighting	S
停电应急平层装置	Emergency landing device when power off	O
消防操作	Fire protection operation	O
安全功能	Safety Function	
超载报警	Over-load display & buzzer	S
安全回路保护	Safety circuit protection	S
超速保护系统	Over speed protection system	S
端站防止越位保护	Off-side protection at end landing	S
变频器故障保护	Frequency converter failure protection	S
主控CPU保护	Main-control CPU protection	S
门红外线光幕安全保护	Door infrared light-beams safety protection	S
视频电缆	Video cable	O
维保功能	Maintenance Function	
运行计数	Running counter	S
检修运行	Inspection operation	S
故障自诊记录	Trouble self-diagnose record	S
远程维修监控	Long-distance maintenance monitor	O

S-标准功能,O-选配功能

S-standard function, O-optional function



全球市场 | Market



伟达电梯有限公司
WELLIFT ELEVATOR CO.,LTD.

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