

AV120 flex



Are you ready for memorable experience with AV120 flex series? Today knowing that energy is more necessary, we design elevator of age again for you .

ArVina
Novelties for elevator

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Features

Capacity 320-1600kg, 4-21 persons

Speed 1m/s-2,5m/s

Motor Gearless, geared

Controller 3VF, MRL systems

Traffic Down-up side , full side

Travel 90m max., up to 30 floors

Door 700mm-1000mm automatic

* If you want to get more information, please look at the product comparison table.

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We will leave an impression on your projects.

AV 110 flex series contained in the product options, it will provide comfortable travel which you haven't experienced before. In this series there are lively and heartwarming designs which glorified the passengers.



You will observe safe travel with the segments which in the forefront of product are machine parts, automatic doors and cabin interior details. You realise that a sense of comfort from first entrance to the cabin.

We bring to your feet the elevator of the next generation.

COMFORT

With elevator speed control system which is used in elevator, you will go very fast but without feeling.

SAFETY

With the think of "Safety is first" we provide outstanding service to you by controlling and assembling all equipment needed in the elevator. We annihilate probable technic disruption by means of display monitor.

EASINESS

We provide conveniences not only for passengers but also for workers who assemble. We save on time provided that easy set-up and also minimize the risk of error.



Are you ready for an enjoyable travel in elevator?

We can't wait to show that how we design better lift taking inspiration from Comfort, safety, convenience, diversity, performance and energy.

DISTINCTNESS

Thinking that is time to get rid of mediocrity we would like to bring together with different designs in the same circumstances. Especially taking inspiration from special designs of stainless steel and laminate, we prefer sheerer products. You will see our awareness in your first step to the cabin.

PERFORMANCE

Product performance values is one of our highly sensitive issues. For this reason we offer high performance data but so affordable price.

ENERGY

Energy is an undeniable part of the global economy. To resolve energy issues advanced societies discover and offer new products to market that provide less consumption. Also elevator sector isn't far away from this subject and it has turned its attention to products for less energy consumption.

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Now don't leave any place for machine room in your buildings.



Safety Motion

Thanks to the machine roomless (MRL) systems your trip will be more safety and comfortable. In this system we don't need any machine room and we take all of security measures so movement of lift is more secure.

Machine roomless systems which supported with gearless motor, require less space in well and also reduce potential problems. It is time to move safely...



It is friendly to your building

Through A-class energy consuming products used, rate of electricity consumption will decrease and productivity and performance value will be higher level than machine room systems.

In these products gearless motor is the most obvious auxiliary to energy consumption. With the other rig, they won't occupy much space in well.



It is suitable for every well

Don't worry about which lift suitable for your building because it includes product support packages. In this series there are many conveniences. And you won't experience difficulty for measure error or inaccuracies section in pre-installation and after this.

On the other hand it can setup the monitor easily with its instruction book. That is AV120 flex is a quality product which suitable for every well.

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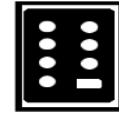
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Gearless machine age

Gearless motor provides many advantages for user since it came onto the market. Accordingly driven with rope by direct it doesn't need for a gear apparatus. This enables to minimize the losses of mechanical friction. Also these machines according to machines in the other group, provide to the users %40 energy saving. That's why today gearless motor which preferred unhesitant by many users revolutionize with its advantages.



Intelligent control content

Thanks to elevator control card that we are talking about intelligent control systems you will be able to apply the desired command or security details. Due to this control cards which contain commands such as fire, panic input for an emergency evacuation in advance defined floor, automatically lift opens its doors and it will direct you to the nearest emergency escape area. In addition the elevator maintenance time you can carry out maintenance to the specialist people. With intelligent control card which inside take place convenience for elevator in electronic means, you are ahead of your competitors just a click.



Savings coming with LED

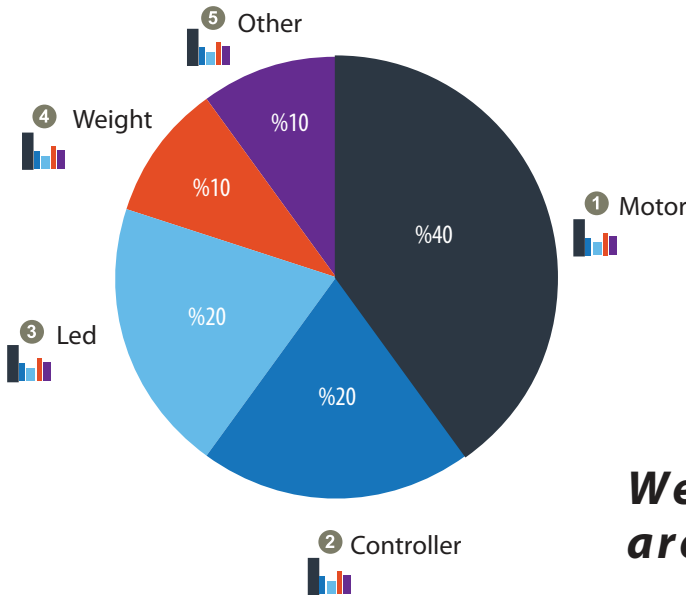
The right lighting applications which is important in saving in order to prevent the rapid increase of the energy consumption, contribute to visual performance improvements as well as energy savings. In this regard we can see that in the cabin compared to in the other lighting bulb etc... the LEDs are more illuminate with less energy. So in illumination systems our design is more beautiful with such products; our indispensable Led, Led Spot, downlight. When we compare with bulb, in cabin in terms of lumen values Led is quite high.



Weight of Material

When we thought the elevator as a package there are hundreds part in it. And these ingredients carry vary features in themselves. We initiate to use different raw material over product. That material called "composite material" and by means of this material product will be not only lightweight but also it will be durable. And so the machine both will provide less energy consumption and on the ropes and other apparatus will occur less abrasion. Thanks to composite materials products the life of material expectancy will increase and will provide practical in installation.

Energy gain graph



Reasons of machine roomless system;

1. Less starting current, less energy
2. Easy integration into all types of buildings
3. Saving in the volume of building
4. Fast and efficient installation
5. Maximum performance

We didn't find the elevator but we are developing with innovations...

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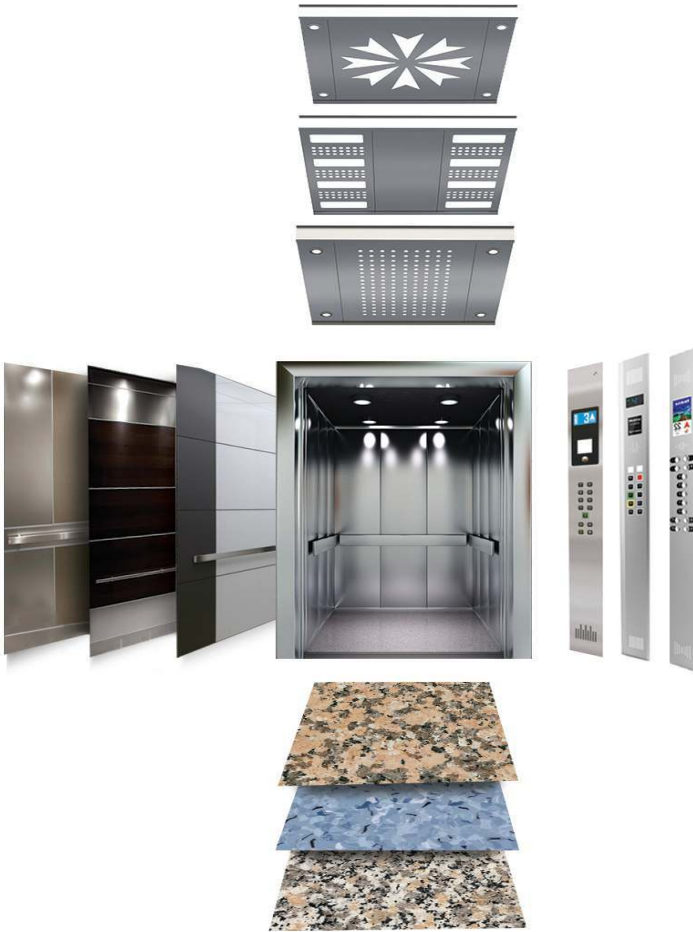
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Design options

Are you ready for visual show with AV120 flex series? In our series we aim that you can trip in fresh cabin with its fresh colour. Now you aren't bored in cabin.

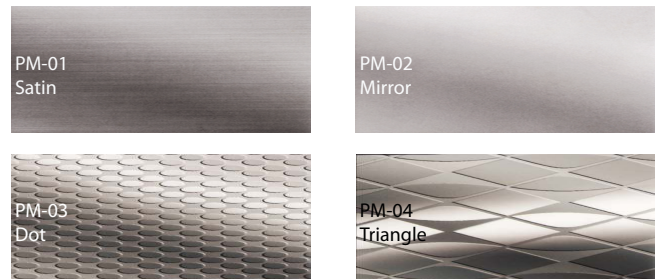
With AV 120 flex you feel peace and pleasure.



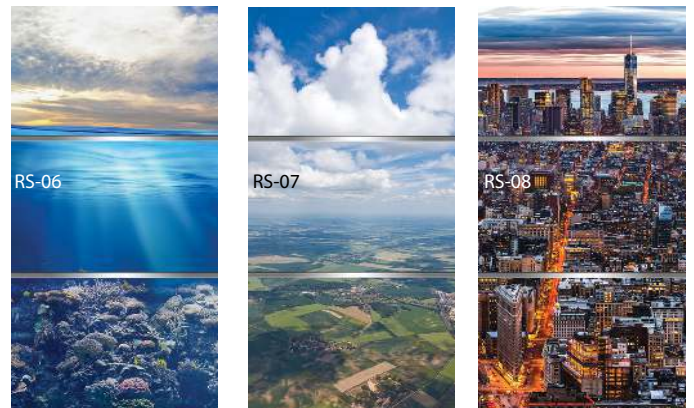
Laminate mdf options*



Stainless options*



Chromaluxe options*



* Laminate, stainless and depicting are ranged as the most hits options. Please look at our design catalogue for more options.

You already now determine the designs which will add color to your building.

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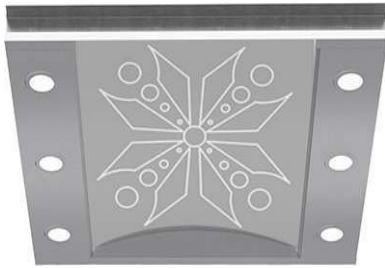
Ceiling options*



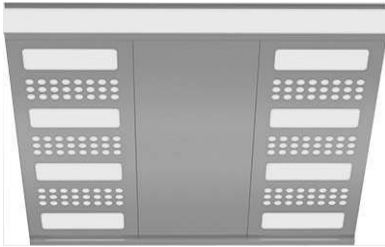
TV-11 (led spot lighting, mirror stainless)



TV-01 (led spot lighting, mirror stainless)



TV-21 (led spot lighting, mirror stainless)



TV-17 (led spot lighting, mirror stainless)

Illumination



AL-01 led spot



AL-02 floresan

Floor options*

Granit



ZM-05 yaylak



ZM-02 rosa beta



ZM-01 bergama gray



ZM-14 baltik brown



ZM-13 star galaxy



ZM-06 bianco sardo

Pvc



ZM-03 crema



ZM-17 blue



ZM-18 green

Handrail*



KP-01

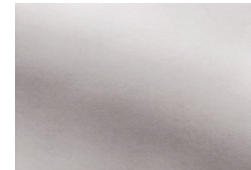


KP-02

Stainless accessories



PM-01 Satin



PM-02 Mirror

*The most hits models in floors,ceilings and hand-rail options were used. Please look at our design catalogue for more options.

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I think a different design.

Nowadays there are thousands different kinds of each product. We say that same for elevator. If there is a product which you like please share with us and we do it. As long as you like we have substantial options for you.

Display



Special designs for disabled users...



**More designs ,
more detailed appearance...**

* In catalogue there are cabins with 2m length.
Please look at our design catalogue for different options.

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Absolutely pre-wired system for fast and faultless installation

FAST

Do you want to making installation of your elevator quicker? Then we recommend the system of ready installation. Now montage operations will take very little time. And also thanks to this system you will never delay in your projects.

FAULTLESS

According to pre-wired systems, quite developed within the system error rate has dropped to a minimum level and preventing the mess in the normal system. it provides easire installation facilities.

PLUG-PLAY

The installation of an elevator is done quite easy and with understandable way through socket and switch plug cable. Thanks to tack-activate the wiring system montage operations will be quite easy. With this system you will not want to deal with more cable.

CABLE OPTION

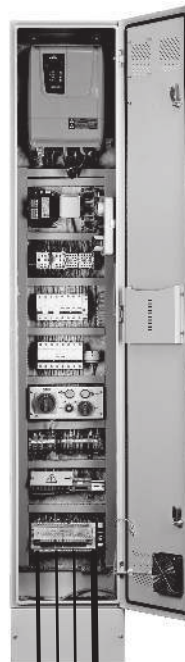
In system two types of options which normal and fire resistant cables are offered to the users. You will find an elevator system which is high access through wiring technique offered different types in normal wiring.

PERFORMANCE

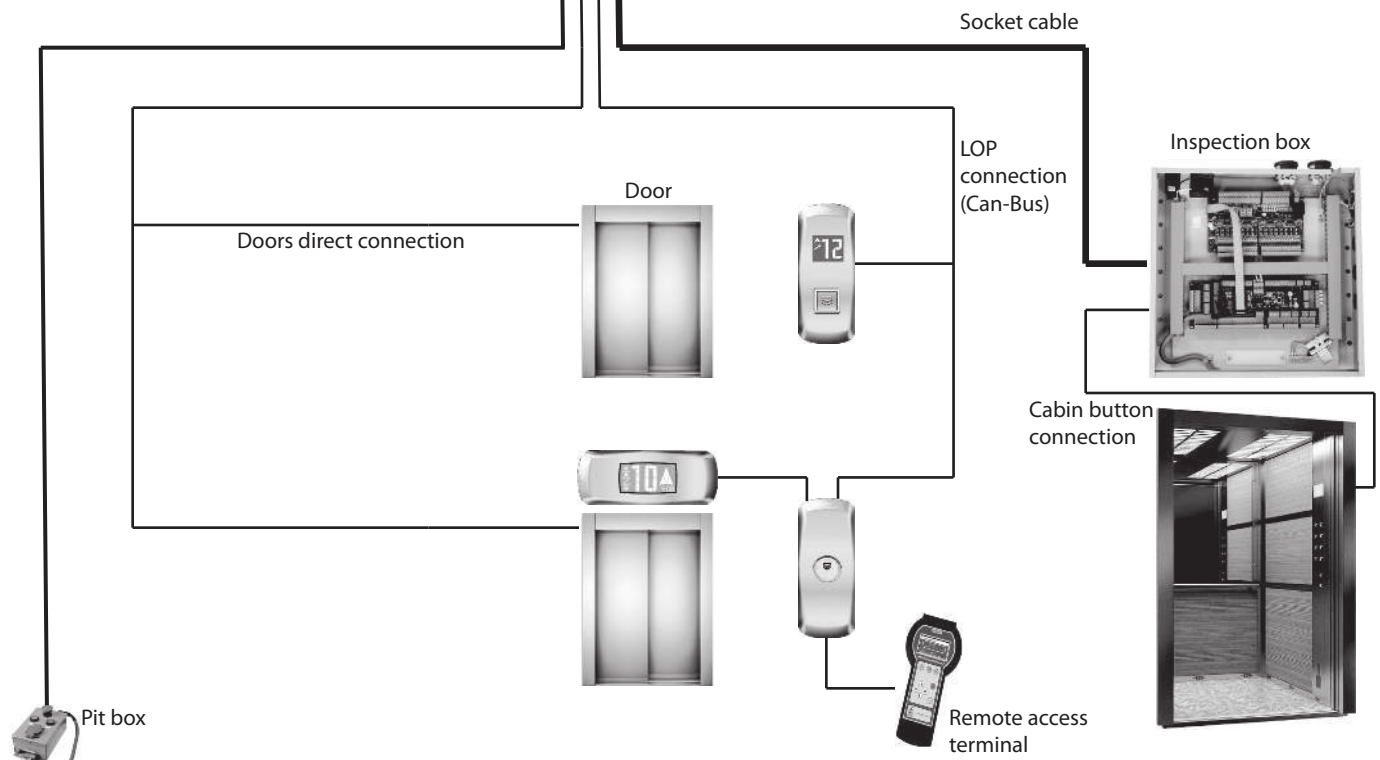
Due to providing low expenditure and facilities, especially in highrise building it is quite preferable product. In your project never trouble you.

TOP LEVEL SAFETY

With using of the extra apparatus in this system lift security will be more secure. By computer control and remote access devices giving to passengers immediate intervation can be kept at the highest level of comfort and safety.



Controller



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Smart card usage for safety travel

The smart card system (Proximity card) is a security system which is used in management of building safety. With card reader and rfid card it is a product option. It can be used inside or outside of elevator cabin. Also it can be used in complex building which has very lift traffic with more than 100 users. Its montage and usage is quite easy. It is an ideal product if you want to solve the safety problem in your building.



Move beyond the limits for comfort and safety.

DESIGN DIVERSITY

In cabin admirable details are presented with lots of design diversity. Used laminate, interior decoration and with stainless design varieties are enabled.

ENERGY CONSUMPTION

To users provides an advantage in energy consumption thanks to the products which used in machine and control system.

ACCESS TO COMFORT

As a result of 3VF or MRL control systems consistent work with machine you will make a pleasant journey. In this system you will feel difference on time of departure and stop.



EASY INSTALLATION & MAINTANENCE

When installation by means of making it convenient to monitor it provides to complete the projects in short time.

DISABLED USE

To disabled passengers helps not only in entrance but also with security apparatus in cabin.

CERTIFICATE SUPPORT

Exactly we compliance the criteria laid down in regulations and adhere to the standard.

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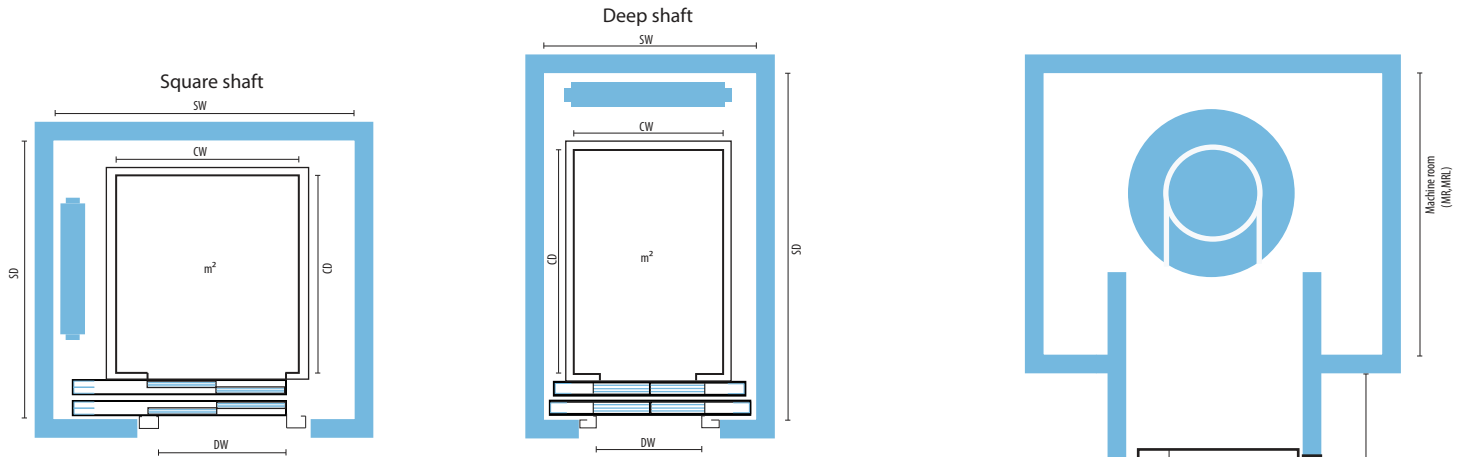
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Shaft plan information



AV120 shaft plan table

Capacity	Shaft sizes w x d	Cabin sizes m ²	Speed m/s	Travel m	Pit ph	Headroom oh	Car & Landing sizes w x h	Machine room w x d x h
320kg [*]	140-160cm	0,79-0,95	≤1	≤60	140cm	≤370cm	70x200cm SO [*]	160x300x200cm
400kg [*]	160-160cm	1,10-1,17	≤1	≤60	140cm	≤370cm	80x200cm SO	220x320x200cm
630kg	160-190cm	1,40-1,66	≤1,6	≤60	≥140cm	≥370cm	80x200cm SO,CO ^{**}	220x320x200cm
800kg	190-230cm	1,73-2,00	≤1,6	≤60	≥140cm	≥370cm	80x200cm SO,CO	240x420x200cm
1000kg	200-240cm	2,15-2,40	≤1,6	≤60	≥140cm	≥370cm	≥90x200cm SO,CO	240x420x200cm
1250kg	210-280cm	2,55-2,80	≤1,6	≤60	≥140cm	≥370cm	≥100x200cm SO,CO	320x490x320cm
1600kg	240-300cm	3,40-3,56	≤1,6	≤60	≥140cm	≥370cm	≥100x200cm SO,CO	320x550x320cm

As well as AV110 ensured the design varieties, as technique it is in the desired original size. Today's standards (EN81-1, EN81-2) is to comply with specified characteristics, except in size measure areas with different types of products fulfilled the need.

In the project planning process our engineers provides appropriately scaled drawings and so you can prefer a comfortable and easy lift. In assembly process with our very experienced fitters will take place more effective installation. In particular, potential problems in user monitoring phase together with the AV110 series will not experienced.

Door sizes	
Width DW	Height DH
70cm	200cm
80cm	200cm
90cm	200cm
100cm	200cm
110cm	210cm
120cm	210cm

IN QUALITY
WITH
EACH SHAFT

Pit and headroom sizes to speed		
Speed m/s	Pit ph	Headroom oh
0,40-0,63	140-160cm	360-400cm
1	140-160cm	370-400cm
1,6	160cm	380-400cm

*Shafts with capacity of 320-400kg are not suitable for disabled passengers.

**SO = Side opening, CO = Central opening.

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Comparison table of product

Choose model →	AV120-A	AV120-B	AV120-C	AV120-D
Speed (M/s)	1	1,6-2,5	1	1,6-2,5
Capacity (Kg)	320-750	800-1600	320-750	800-1600
Capacity (Per)	4-10	11-21	4-10	11-21
Shaft type	MRL*	MRL*	MR**	MR**
Motor	Gearless	Gearless	Geared	Geared
Travel (Stop)	45 (16)	90 (30)	45 (16)	90 (30)
Pre-wired	Optional	Available	Optional	Available
Safety system	Optional	Optional	Optional	Optional

* MRL , the abbreviation of machine roomless.

** MR , the abbreviation of machine room.

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Passenger elevators