



Automation for doors

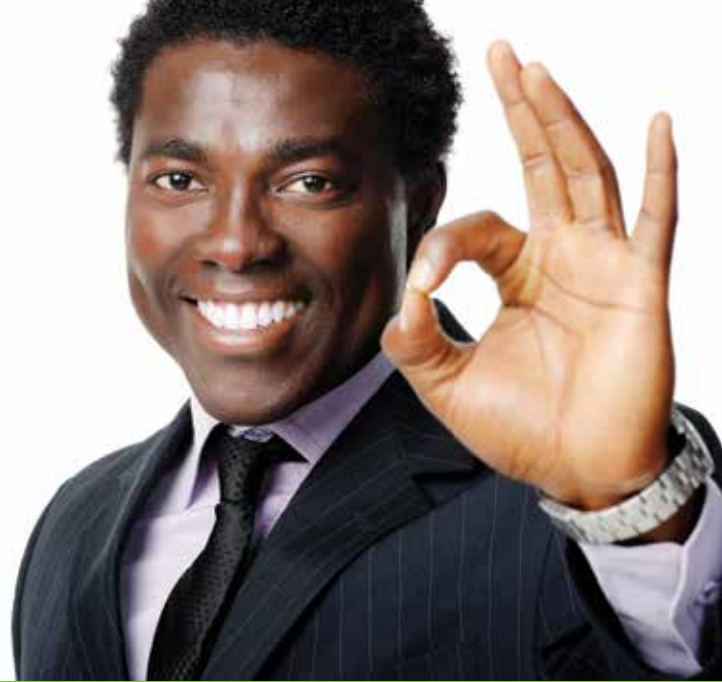
Open and close in absolute comfort

FAAC
Simply automatic.


CENTURION

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Why CENTURION?

Centurion Systems is South Africa's leading innovator in the field of access automation, with hundreds of thousands of gate control and associated automation solutions installed in the field.

As of July 2016, CENTURION is part of the biggest access automation brand in the world, FAAC, S.p.A. This relationship has enabled both organisations to add significantly to their existing product offerings and serve ever more diverse markets in the realms of domestic, commercial and industrial access automation.

As with products of CENTURION's own manufacture, all offerings in the FAAC stable are backed up by world-class after-sales support with readily available spares, competent technical advice and the knowledge and expertise that come with over 30 years of manufacturing South Africa's favourite gate motors.

When you choose CENTURION for your FAAC automation solutions, you can be confident of a brand that:

- Is the South African market leader in access automation
- Is part of the largest access automation brand in the world
- Promises uncompromising reliability
- Has sold over 700 thousand units of its world-renowned D5 sliding gate operator
- Is sold in over 70 countries worldwide
- Manufactures award-winning customisable products and solutions





Quality has rules



Performance, reliability and price are the basic requirements behind all FAAC products. To maintain the same high quality levels that have always characterised our products, FAAC has invested consistently in technology, advanced production methods and organisation. All personnel in our organisation are committed to respecting our corporate policies and values on a daily basis, and to the continuous improvement of every activity performed within the FAAC Group.

Certification is as important as innovation.

FAAC and certification go hand-in-hand. For one, FAAC's Quality Management System is certified to UNI EN ISO 9001:2008.

The most important certification is our DNA.

Our trademarks, patents and certifications all testify to and confirm FAAC's unique business philosophy, which we have always considered "the most important certification of all".

Continuous commitment to component and product quality, careful selection of suppliers, and scrupulous production process quality control, since 1965 have made the FAAC brand a worldwide by-word for high quality, reliability, conformity to standards and end-user safety.



Modeltype	A100 COMPACT 2
Data	230 V - 50 Hz - 100 W
Additional information	Trademark FAAC
The tested equipment was found complying with the requirements	Durability test - 2.000.000 cycles Customer request based on DIN 18650-1:2005-12, sub-clause 7.1.2
Results of performed tests are shown in the test report(s)	Nemko SpA - 128092TRFSAF issued 2009-05-14





Introduction to FAAC

The FAAC Group designs, manufactures and distributes the most secure, innovative and functional solutions worldwide for every pedestrian and vehicular need: automatic access; parking; access control.

The FAAC Group best satisfies the service and reliability needs of residential, commercial and industrial clients.

The FAAC Group makes the city move, creating automation that simplifies the lives of those who live there.

The values of the FAAC Group:

Quality

Quality of raw materials and manufacturing processes, performed completely within the Group to maintain the value and functionality of products, without compromise.

Safety and reliability

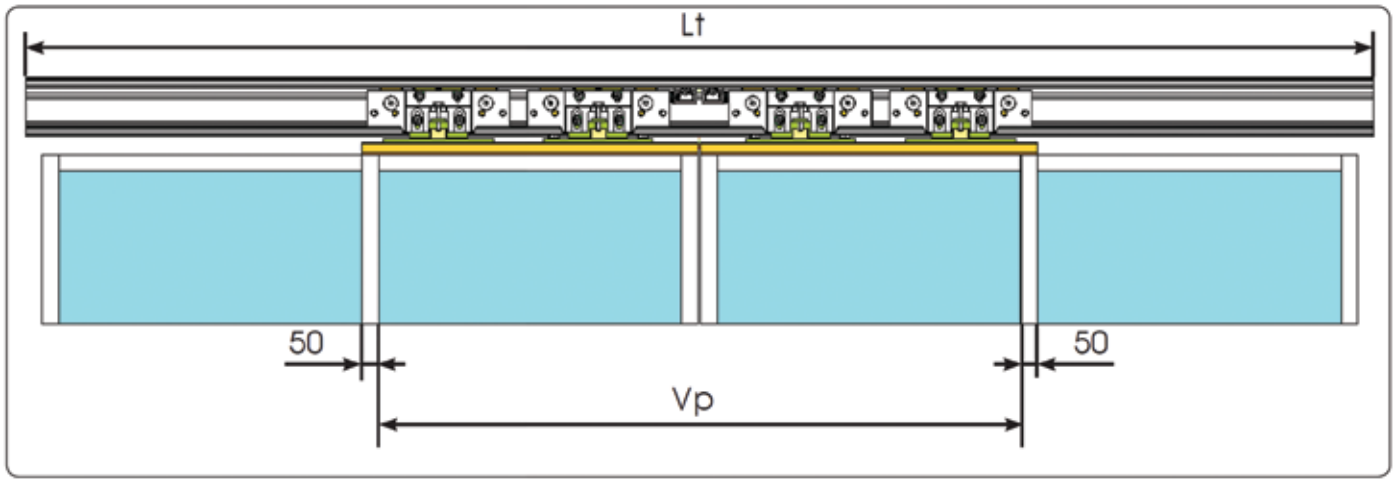
Long-term reliability of all products and scrupulous respect for international safety standards to ensure total security for end-users.

Customer satisfaction

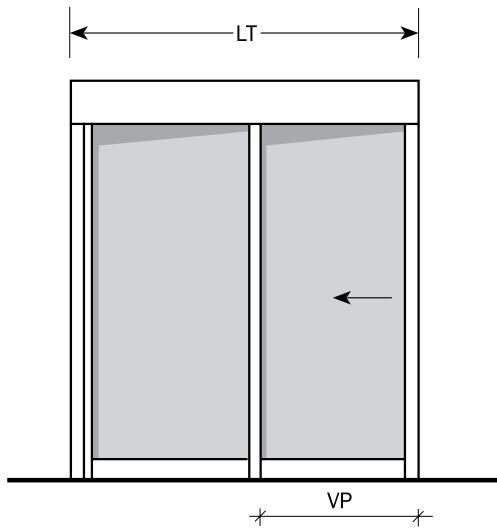
Customer satisfaction, sought from the earliest planning stages, to allow those who use our solutions to benefit, in accordance with their daily needs.

Passion and research on essential elements

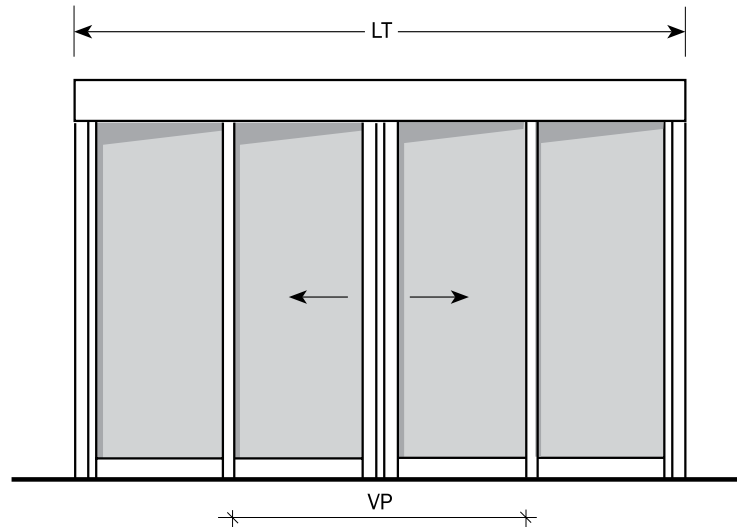
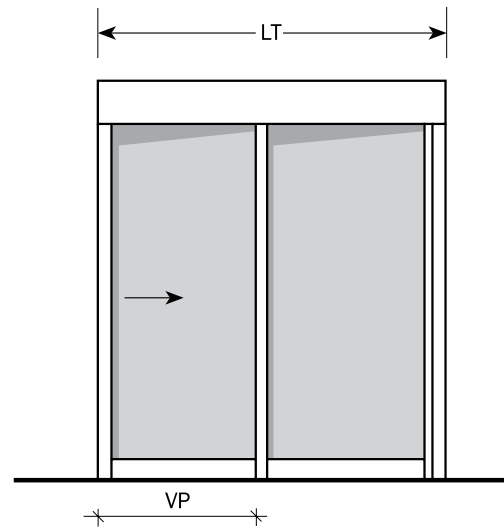
Working with passion and constant attention to the essential elements and functionality of the product, aimed at meeting clients' expectations and respecting the philosophy of the FAAC Group.



Single left leaf



Single right leaf



Two leaves

To cut the support profile you will need to use the following formula:

$$LT = Vp \times 2 + 100$$

Where:

- LT is the length of the support profile
- Vp is the transit space or passage opening
- 100 is the value of the overlapped leaves (50 + 50)

SLIDING DOOR AUTOMATION A1000

FAAC -A1000

■ Thin and elegant

Thanks to its compact dimensions, the FAAC A1000 system can be adapted to every type of architectural environment, even in limited space conditions. All the most innovative technical features in just a few centimetres. For the utmost versatility of use, the A1000 Series can be adapted to sliding doors with single leaves with a maximum weight of 110 kg or with double leaves with a maximum weight of 70 kg per leaf.

■ Excellent logic in real-time

A microprocessor verifies in real-time all door activities and guarantees intelligent control. The operation logics can be selected by means of a functions keypad.

■ Absolute safety

The A1000 Series automatically programs opening and closing force and speed according to the friction and the door weight in conformity with the relevant international safety standards.



An A1000 system also guarantees considerable energy savings with regards to airconditioning and the total removal of architectural barriers.

■ Reliable and always sliding

Designed to operate at best on each occasion and in every environment, the A1000 system is automatically reliable, without limits on the frequency of use. In the event of a power failure, backup batteries (optional) with charge control guarantee 100% operation for up to thirty minutes.

LK Evo



SDK Evo



In case of an obstacle the door reopens immediately. On the next closing it verifies at slow speed whether the obstacle is still present



Manual release



Programming display



MODEL	A1000
Electric power supply	115/230 V AC - 50 (60) Hz
Power consumption	100 W
Frequency of use	100%
Drive unit	24V DC motor and encoder
Head profile length	VP x 2 + 100 mm
Load free opening adjustment	5 to 70 cm/s
Load free closing adjustment	5 to 70 cm/s
Partial opening adjustment	10% to 90% of total opening
Pause time adjustment	0 to 30 s
Night pause time adjustment	0 to 240 s
Anti-crushing device	standard
Photocells fail-safe	standard (can be excluded)
Protection class	IP 23 (for indoor use only)
Environmental temperature	0 to 30 s



SLIDING DOOR AUTOMATION A1400 Air

FAAC - A1400 Air

The first automated system for sliding doors designed to meet the needs of the market as well as protect our environment. A1400 Air is the first automated system that respects our planet.

Thanks to the system's innovative "Energy Saving" device, it identifies the direction of transit and perfectly optimises opening/closing times to avoid unnecessary air dispersion, even in the event of sideways transit. This device allows energy saving and optimises sudden temperature changes in the room and in the vicinity of doors. All in absolute safety.

Designed to operate at best in any condition and in any environment, it is the optimum solution for those technicians who wish to save assembly time, by rationalising the inventories for the end-user who will have full access to a product that is personalised, ecological, reliable, safe, technologically-advanced and above all that will pay for itself over time.



A1400 Air features an ETHERNET interface for setting the operating parameters of the automated system and viewing the fault diagnostics with a PC connected to the network.

The A1400 Air automated system is customisable and modular to meet the architectural and technical needs of the customer. Thanks to the two different covers, the exclusive leaf fitting systems and the different leaf profiles that can be used, it is possible to create the best technical and architectural solution.

LK Evo



SDK Evo





energy saving

Conforme a EN16005



MOTOR WITH ELECTRIC LOCK



Manual release



Programming display

MODEL	A1400 Air
Electric power supply	115/230 V AC - 50 /60 Hz
Power consumption	100 W
Frequency of use	100%
Drive unit	24V DC with encoder
Head profile length	VP x 2 + 100 mm
Opening speed (adjustable)	5 to 80 cm/sec. / 10 to 160 cm/sec.
Closing speed (adjustable)	5 to 70 cm/sec. / 10 to 140 cm/sec.
Partial opening adjustment	10% to 90% of total opening
Pause Time adjustment	0 to 30 sec.
Night pause Time adjustment	0 to 240 sec.
Anti-crushing device	standard
Photocells fail safe	standard (can be excluded)
Protection class	IP 23 (for indoor use only)
Environmental temperature	-20°C to + 55°C





ACCESSORIES



Bi-stable XB LOCK motor block with knob.



XV1 dual technology radar "movement and presence".



Emergency battery with charge control board.



XM100 - Compact one-directional microwave radar.



SDK Evo supplied as an accessory for the A1400 series doors only; it is always equipped with a wide graphic display for complete access to all the door parameters, also thanks to four buttons guiding the user in the menus.



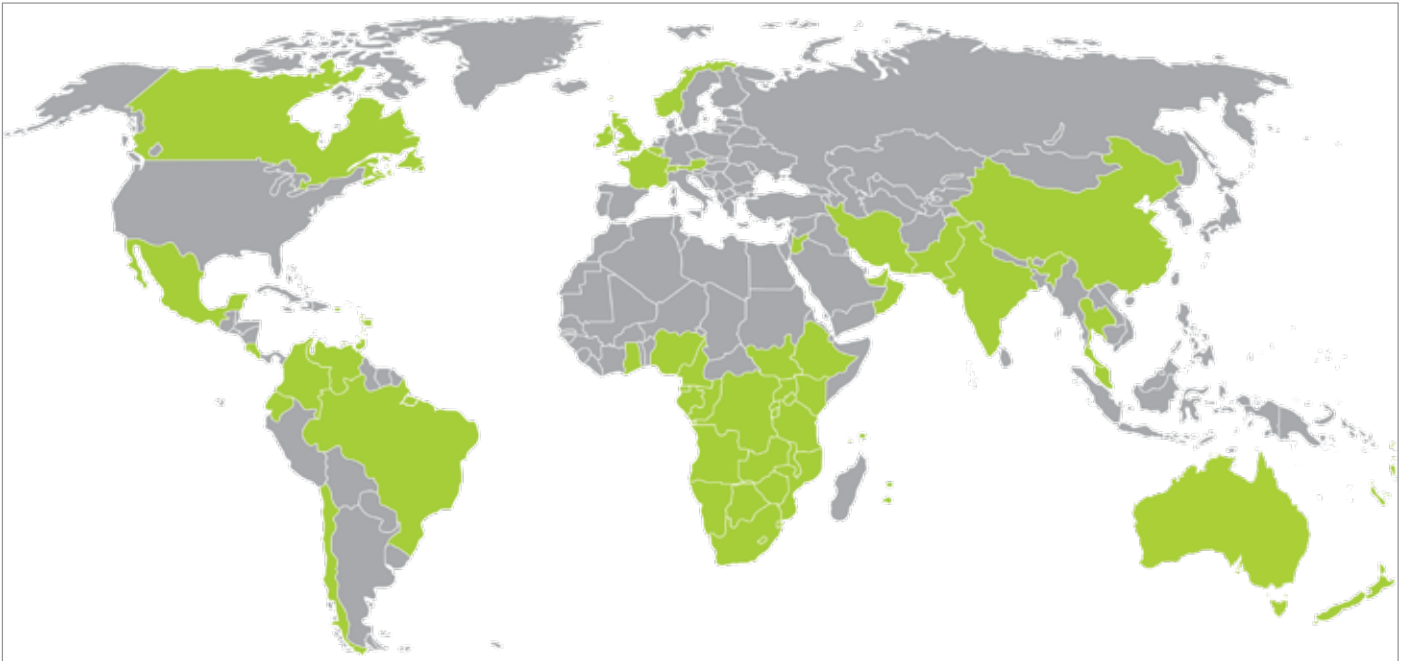
Photocells are auxiliary safety devices. For the correct use in countries where Standard EN 16005 is applied, refer to the Standard itself.



LK Evo
This device allows complete access to all the main door functions indicating the activation through the LED light.

CONTACT

GLOBAL FOOTPRINT



Centurion Systems currently exports its solutions to over 70 countries worldwide, and offers sales and technical support to Africa, Europe, Asia, the Americas, Australia and the Pacific



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