





# AUTOMATIC SLIDING DOORS

Customisable and can be assembled to meet the architectural and technical requirements of the customer. Designed to operate optimally in any condition and in any environment, meeting the most stringent safety requirements.

## A1000 AUTOMATIC SLIDING DOOR



Thanks to its compact dimensions, the FAAC A1000 system can be adapted to suit virtually any type of architectural environment, even in limited space conditions.

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. It also guarantees considerable energy savings.



### MAIN FEATURES

#### Thin and elegant

Thanks to its compact dimensions, the A1000 system can be adapted to suit virtually any 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 logic 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 cut, backup batteries (optional) with charge control guarantee 100% operation for up to thirty minutes.

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

- The A1000 is only 150mm deep and 100mm high, adapting to suit virtually any type of architectural environment, even in limited space conditions
- Designed with a greener future in mind, the system uses just 100 watts of absorbed power but has the ability to cope with continuous use
- In the event of a power failure, backup batteries guarantee 100% operation for 20 minutes
- A microprocessor verifies in real-time all door activities and guarantees intelligent control. The operation logic can be selected by means of a functions keypad
- In the event of an obstacle being detected, the door reopens immediately. On the next closing, it verifies at slow speed whether the obstacle is still present

**TECHNICAL SPECIFICATIONS**

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

**COMPONENTS FOR DOOR AUTOMATION SYSTEMS**



**A1000 Compact supporting profile**  
(4 pcs. pack)



**A100 Compact 1st leaf basic kit**  
(4 pcs. pack)



**Seal for routing of cables on the supporting profile** (150 m pack)



**Toothed belt** (50 m pack)



**Leaf connection profile (3m bar)** (4 pcs. pack)



**Leaf connection profile (3m bar)** (4 pcs. pack)

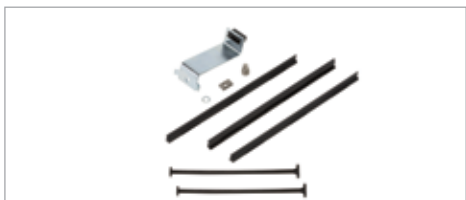
## COMPONENTS FOR COVERS



Programming display (optional) and a pair of side panels



Pair of side panels



Accessories securing the cover

## ACCESSORIES FOR DOOR AUTOMATION SYSTEMS



XB LOCK Bi-stable motor lock A100 with knob



Motor block and leaf position supervision



Release cable and sheath (only for external installation)



Emergency battery with charge control board



XFA button photocell (Only for A100 and A1400)

## ACCESSORIES FOR AIR SEALING



Lower guide profile brush



Natural or anodised aluminium closing profile

**ACCESSORIES FOR FRAMED LEAF**



**Lower guide profile**



**Pair of lower sliding blocks with bracket**



**Swivel sliding block**



**Lower guide profile brush**

**ACCESSORIES FOR CRYSTAL LEAVES**



**Side profile**



**Fixing plate**



**Pair of lower sliding blocks**



**Rubber seal**



**Terminal side pane**

**FUNCTION KEYPADS/SELECTORS**



**SD KEEPER function**



**SDK Light selector**



**SD KEEPER programming display**



**Function selector via Radio SDK Wireless**

## FAAC – A1400 Air AUTOMATIC SLIDING DOOR



The first automated system for sliding doors designed to meet the needs of the market as well as protect our environment. 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.



### MAIN FEATURES

#### Thin and elegant

The 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.

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.

- The A1400 is only 150mm deep and 100mm high, adapting to suit virtually any type of architectural environment, even in limited space conditions
- The first automated system for sliding doors designed to meet the needs of the market as well as protect our environment
- 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
- 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 automated system is customisable and modular to meet the architectural and technical needs of the customer

**TECHNICAL SPECIFICATIONS**

Technical Data	A1000 Air
Electric power supply	115/230V AC - 50 /60Hz
Power consumption	100W
Frequency of use	100%
Drive unit	24V DC with encoder
Head profile length	VP x 2 + 100mm
Opening speed (adjustable)	5 to 80cm/sec. / 10 to 160cm/sec.
Closing speed (adjustable)	5 to 70cm/sec. / 10 to 140cm/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

**COMPONENTS FOR DOOR AUTOMATION SYSTEMS**



**A1400 AIR-T supporting profile**



**Natural aluminium telescopic profile**



**1st leaf basic kit A1400 AIR T**



**Leaf connection profile**



**A1400 AIR-T left leaf carriage unit**



**Steel cable Ø 3 mm A1400 AIR-T**



**Toothed belt 12 mm**



**Seal for routing of cables on the supporting profile**



**2nd leaf kit A1400 AIR-T**



## COMPONENTS FOR SELF-SUPPORTING PROFILES



Anodised aluminium self-supporting profile



Pair of self-supporting brackets for lateral fixing A1400



Accessories securing the self-supporting profile



Lower guide profile brush

## ACCESSORIES FOR DOOR AUTOMATION SYSTEMS



XB LOCK Bi-stable motor lock A100 with knob



IT XM LOCK Monostable motor lock A1400



Motor block and leaf position supervision



Release cable and sheath (only for external installation)



Emergency battery with charge control board



XFA Button Photocell (only for A100 Compact and A1400 AIR)

## ACCESSORIES FOR AIR SEALING



Lower guide profile brush



Natural or Anodised aluminium closing profile

**ACCESSORIES FOR FRAMED LEAF**



**Lower guide profile**



**Pair of lower sliding blocks with bracket**



**Swivel sliding block**



**Lower guide profile brush**

**ACCESSORIES FOR CRYSTAL LEAVES**



**Side profile**



**Fixing plate**



**Pair of lower sliding blocks**



**Rubber sea**



**Terminal side pane**

**FUNCTION KEYPADS/SELECTORS**



**SDK EVO function keypad (optional)**



**LK EVO Function Selector**



## OUR DIGITAL AND ONLINE BRAND PRESENCE AND SUPPORT

### WEBSITE

- Landing pages in French, Spanish, Portuguese and Thai
- Access to product documentation, comparison charts and diagnostic guides
- Device software
- G-WEB PLUS interface for administering CENTURION GSM devices
- Massive library of useful articles
- <http://www.centsys.com>

### SUPPORT

- Dedicated technicians, unrivalled backup support and friendly and efficient sales personnel
- Technical support in all official languages, as well as French, Spanish and Portuguese
- Call centre operates 7am to 6pm (GMT +2), Monday to Friday and 8am to 4:30pm (GMT +2) on Saturdays

### SOCIAL MEDIA

- “Like” our Facebook page ([www.facebook.com/centurionsystems](http://www.facebook.com/centurionsystems)) and follow us on Twitter (@askCenturion) for all the exciting company news, launches, roadshows, competitions as well as technical and sales support
- Subscribe to our YouTube channel for access to an extensive library of how-to videos and tutorials
- Interesting and innovative installations from around the world, including unusual uses of CENTURION products
- Are you on our YouTube channel? Showcase your installations!

### NEWSLETTER

- Fantastic way of staying abreast of company news, developments, events and functions, new products and enhancements to existing range



## INDUSTRY-LEADING PRODUCT TECHNOLOGIES

### TECHNOLOGY

CENTURION products feature a host of industry-leading technologies, all conducive to greater security, greater convenience and superior functionality. Just some of the advanced technologies found in our products are:

- **ChronoGuard** – a world-first timer technology that allows the user to set a myriad Auto-activation and Time-barring functions using the onboard Real Time Clock and Calendar, which tracks the date up to the year 2099
- **Intruder-detection Alarms** – The novel feature-set – consisting of the Beam Alarm and Ambush Alarm - ups the security ante even further by providing an audible output when the infrared gate safety beams are obstructed, or remain interrupted for a pre-defined period of time
- **Code-hopping technology** – CENTURION remote controls are equipped with code-hopping encoders which process the outgoing transmission through a sophisticated encryption engine, making copying and cloning virtually impossible. No two transmitted codes will ever be alike

- **Onboard diagnostics** – Our D-Series range provides both audible and visual feedback of the gate status at any given time. In addition, a designated diagnostic screen makes fault-finding a breeze
- **High-volume capability** – CENTURION operators are designed to work hard, and work hard they do – with some operators such as the SECTOR II traffic barrier being capable of performing in excess of 3000 operations every single day



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